



Guvernul României

Uniunea Europeană



**Asistență Tehnică pentru Pregătirea Proiectului în
Sectorul Apei Potabile și Apei Reziduale, România
Județele Prahova, Buzău, Neamț, Iași și Bacău**

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STUDIU DE FEZABILITATE JUDEȚUL BACĂU

VERSIUNE FINALĂ

VOLUM IV - CBA

ALP
CONSULTING
ENGINEERS

Hydro  **Ingenieure**
Planungsgesellschaft für
Siedlungswasserwirtschaft mbH
Beratende Ingenieure

Annex 1 – Extracts from the Financial Model

| | | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | |
|---------------------------|--|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| General parameters | | | | | | | | | | | | | | |
| 1 | Base year | Year 2009 | | | | | | | | | | | | |
| 2 | Local currency | Symbol RON | | | | | | | | | | | | |
| 3 | Inflation rate, Romania | % | 5.8% | 3.5% | 3.2% | 2.8% | 2.5% | 2.3% | 2.1% | 2.0% | 2.0% | 2.0% | 2.0% | |
| 4 | Inflation index, Romania | coefficient | 1.00 | 1.04 | 1.07 | 1.10 | 1.13 | 1.15 | 1.18 | 1.20 | 1.22 | 1.25 | 1.27 | |
| 5 | Inflation rate, EURO zone | % | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | |
| 6 | Inflation index, EURO zone | coefficient | 1.00 | 1.02 | 1.04 | 1.06 | 1.08 | 1.10 | 1.12 | 1.14 | 1.16 | 1.18 | 1.20 | |
| 7 | Exchange rate considered in the projections | RON/EUR | 4.25 | 4.20 | 4.17 | 4.12 | 4.07 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | |
| 8 | Exchange rate at the date of the feasibility study | RON/EUR | | | | | | | | | | | | |
| 9 | GDP Growth in real terms, Romania | % | -4.0% | 0.1% | 2.4% | 3.7% | 4.4% | 5.2% | 6.0% | 5.7% | 5.3% | 4.9% | 4.8% | |
| 10 | GDP index, Romania | coefficient | 1.00 | 0.96 | 0.98 | 1.02 | 1.07 | 1.12 | 1.16 | 1.20 | 1.22 | 1.25 | 1.27 | |
| 11 | Increase of energy costs in real terms | % | n/a | 3.0% | 2.0% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | |
| 12 | Energy cost index, Romania | coefficient | 1.00 | 1.03 | 1.05 | 1.07 | 1.08 | 1.10 | 1.12 | 1.13 | 1.15 | 1.17 | 1.19 | |
| 13 | Increase of material / maintenance costs in real terms | % | n/a | 2.0% | 2.0% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | |
| 14 | Material / maintenance costs index | coefficient | 1.00 | 1.02 | 1.04 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 | 1.12 | 1.13 | |
| 15 | Increase of personnel costs in real terms | % | -1.5% | 0.0% | 1.1% | 2.4% | 2.9% | 3.5% | 4.0% | 4.5% | 5.0% | 5.0% | 5.0% | |
| 16 | Personnel costs index | coefficient | 1.00 | 1.00 | 1.01 | 1.04 | 1.07 | 1.10 | 1.15 | 1.20 | 1.25 | 1.30 | 1.35 | |
| 17 | Average household size - urban area | # | 2.83 | 2.82 | 2.81 | 2.81 | 2.80 | 2.79 | 2.78 | 2.77 | 2.77 | 2.76 | 2.76 | |
| 18 | Average household size - decile 1 | # | 3.88 | 3.85 | 3.85 | 3.84 | 3.83 | 3.82 | 3.81 | 3.80 | 3.79 | 3.78 | 3.77 | |
| 19 | Average household size - decile 2 | # | 3.14 | 3.13 | 3.12 | 3.12 | 3.11 | 3.10 | 3.09 | 3.08 | 3.07 | 3.07 | 3.06 | |
| 20 | Average household size - decile 3 | # | 2.83 | 2.83 | 2.82 | 2.81 | 2.81 | 2.80 | 2.79 | 2.78 | 2.77 | 2.77 | 2.76 | |
| 21 | Variation of average household size (%) | % | -0.25% | -0.25% | -0.25% | -0.25% | -0.25% | -0.25% | -0.25% | -0.25% | -0.25% | -0.25% | -0.25% | |
| 22 | Average household disposable income - national level (real terms) | Euro/month | 505 | 518 | 537 | 560 | 589 | 625 | 660 | 695 | 730 | 765 | 800 | |
| 23 | Correction factor - country | % | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | |
| 24 | Average household disposable income - county level (real terms) | Euro/month | 425 | 426 | 436 | 452 | 472 | 496 | 526 | 556 | 586 | 614 | 644 | |
| 25 | Average household disposable income - large cities (real terms) | Euro/month | 429 | 430 | 440 | 456 | 477 | 501 | 531 | 561 | 591 | 620 | 650 | |
| 26 | Correction factor - large cities | % | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | |
| 27 | Average household disposable income - small cities (real terms) | Euro/month | 412 | 413 | 423 | 438 | 458 | 481 | 510 | 539 | 568 | 596 | 626 | |
| 28 | Correction factor - small cities | % | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | |
| 29 | Average correction factor for low income households | % | 46.4% | 46.4% | 46.4% | 46.4% | 46.4% | 46.4% | 46.4% | 46.4% | 46.4% | 46.4% | 46.4% | |
| 30 | Decile 1 | % | 56.8% | 56.8% | 56.8% | 56.8% | 56.8% | 56.8% | 56.8% | 56.8% | 56.8% | 56.8% | 56.8% | |
| 31 | Decile 2 | % | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | |
| 32 | Decile 3 | % | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | |
| 33 | Average disposable income of low income households - county level | Euro/month | 157 | 157 | 202 | 210 | 218 | 230 | 244 | 258 | 272 | 285 | 299 | |
| 34 | Decile 1 (real terms) | Euro/month | 241 | 242 | 246 | 257 | 265 | 282 | 299 | 316 | 333 | 349 | 366 | |
| 35 | Decile 2 (real terms) | Euro/month | 271 | 271 | 278 | 288 | 301 | 317 | 336 | 355 | 374 | 392 | 411 | |
| 36 | Decile 3 (real terms) | Euro/month | 271 | 271 | 278 | 288 | 301 | 317 | 336 | 355 | 374 | 392 | 411 | |
| 37 | Average disposable income of low income households - large Cities | Euro/month | 199 | 199 | 204 | 212 | 221 | 233 | 247 | 261 | 274 | 288 | 302 | |
| 38 | Decile 1 (real terms) | Euro/month | 244 | 244 | 250 | 259 | 271 | 285 | 303 | 318 | 335 | 352 | 369 | |
| 39 | Decile 2 (real terms) | Euro/month | 274 | 274 | 281 | 291 | 304 | 320 | 338 | 358 | 377 | 396 | 415 | |
| 40 | Decile 3 (real terms) | Euro/month | 274 | 274 | 281 | 291 | 304 | 320 | 338 | 358 | 377 | 396 | 415 | |
| 41 | Average disposable income of low income households - small Cities | Euro/month | 191 | 192 | 196 | 203 | 212 | 223 | 237 | 250 | 264 | 278 | 290 | |
| 42 | Decile 1 (real terms) | Euro/month | 234 | 234 | 240 | 249 | 260 | 273 | 286 | 306 | 323 | 339 | 355 | |
| 43 | Decile 2 (real terms) | Euro/month | 263 | 263 | 270 | 280 | 292 | 307 | 326 | 344 | 362 | 380 | 398 | |
| 44 | Decile 3 (real terms) | Euro/month | 263 | 263 | 270 | 280 | 292 | 307 | 326 | 344 | 362 | 380 | 398 | |
| 45 | Financial discount rate (real) | % | 5.0% | | | | | | | | | | | |
| 46 | Social discount rate (real) | % | 5.5% | | | | | | | | | | | |
| 47 | Maximum co-funding rate for the priority axis from EU | % | 85.0% | | | | | | | | | | | |
| 48 | Financing mix for financing the financing gap (% from the gap) | | | | | | | | | | | | | |
| 49 | Co-funding rate for the priority axis from State Budget | % | 13.0% | | | | | | | | | | | |
| 50 | Co-funding rate for the priority axis from Local Budget | % | 2.0% | | | | | | | | | | | |
| 51 | Financing mix for financing the co-financing (% from total investment) | | | | | | | | | | | | | |
| 52 | Financing contribution from the State Budget | % | 0.0% | | | | | | | | | | | |
| 53 | Financing contribution from the Local Budgets | % | 0.0% | | | | | | | | | | | |
| 54 | Financing contribution of the operator by contracting a loan | % | 8.8% | | | | | | | | | | | |
| 55 | Internal cash generation | % | 0.0% | | | | | | | | | | | |

| Investment Plan | | | | | | | | | | | | | | |
|---|--|-------------|--------|--------|-------------|--|--|--|--|--|--|--|--|------|
| Investment plan | | | | | | | | | | | | | | |
| 1 | Percentage of contingencies included in investment costs | % | 7.2% | | | | | | | | | | | |
| Depreciation | | | | | | | | | | | | | | |
| 2 | Depreciation of existing assets | Years | 40 | | | | | | | | | | | |
| 3 | Depreciation of new fixed assets - main works | Years | 15 | | | | | | | | | | | |
| 4 | Depreciation of new fixed assets - plant and machinery works | Years | 15 | | | | | | | | | | | |
| Financing sources - Project (in nominal terms) | | | | | | | | | | | | | | |
| 5 | EU grant | % | 77.48% | 77.48% | 13,977,524 | | | | | | | | | Euro |
| 6 | Central / Regional Government grant | % | 11.85% | 11.85% | 10,433,746 | | | | | | | | | Euro |
| 7 | Loan | % | 8.85% | 8.85% | 2,150,330 | | | | | | | | | Euro |
| 8 | Local Budget | % | 1.82% | 1.82% | 0 | | | | | | | | | Euro |
| 9 | Internal cash generation | % | 0.00% | 0.00% | 0 | | | | | | | | | Euro |
| 10 | Total financial sources | % | 100.0% | 100.0% | 117,953,237 | | | | | | | | | Euro |
| Loan - Replacement costs | | | | | | | | | | | | | | |
| 11 | Loan period (including grace period) | years | 20 | | | | | | | | | | | |
| 12 | Principal grace period | years | 4 | | | | | | | | | | | |
| 13 | Interest | % | 5.00% | | | | | | | | | | | |
| 14 | Commitment fee | % | 1.00% | | | | | | | | | | | |
| Co-financing Loan - Project financing | | | | | | | | | | | | | | |
| 15 | Loan period (including grace period) | years | 20 | | | | | | | | | | | |
| 16 | Principal grace period | years | 4 | | | | | | | | | | | |
| 17 | Interest | % | 5.00% | | | | | | | | | | | |
| 18 | Commitment fee | % | 1.00% | | | | | | | | | | | |
| 19 | Consider contingencies for the financial statements | 1-yes, 2-no | 1 | | | | | | | | | | | |
| 20 | Interest rate for cash balance | % | 4.0% | | | | | | | | | | | |

| Other financial parameters | | | | | | | | | | | | | |
|--|--|---------|---------|--|--|--|--|--|--|--|--|--|--|
| Taxes & dividends | | | | | | | | | | | | | |
| 1 | Corporate tax | % | 0.0% | | | | | | | | | | |
| 2 | Dividends | % | 0.0% | | | | | | | | | | |
| Working capital - "With" Case Scenario | | | | | | | | | | | | | |
| 3 | Collections | % | 98.0% | | | | | | | | | | |
| 4 | Stocks | days | 5 | | | | | | | | | | |
| 5 | Accounts payable | days | 60 | | | | | | | | | | |
| Working capital - "Without" Case Scenario | | | | | | | | | | | | | |
| 6 | Collections | % | 98.0% | | | | | | | | | | |
| 7 | Stocks | days | 5 | | | | | | | | | | |
| 8 | Accounts payable | days | 60 | | | | | | | | | | |
| Balance sheet | | | | | | | | | | | | | |
| 9 | Gross fixed assets | Md. RON | | | | | | | | | | | |
| 10 | less depreciation | Md. RON | | | | | | | | | | | |
| 11 | NET FIXED ASSETS | Md. RON | | | | | | | | | | | |
| 12 | Stocks | Md. RON | | | | | | | | | | | |
| 13 | Accounts receivable and other current assets | Md. RON | | | | | | | | | | | |
| 14 | Cash in hand | Md. RON | | | | | | | | | | | |
| 15 | CURRENT ASSETS | Md. RON | | | | | | | | | | | |
| 16 | TOTAL ASSETS | Md. RON | | | | | | | | | | | |
| 17 | Shareholders' contributions | Md. RON | | | | | | | | | | | |
| 18 | Retained earnings | Md. RON | | | | | | | | | | | |
| 19 | EQUITY | Md. RON | | | | | | | | | | | |
| 20 | Investment grants | Md. RON | | | | | | | | | | | |
| 21 | Loans | Md. RON | | | | | | | | | | | |
| 22 | Bank overdraft | Md. RON | | | | | | | | | | | |
| 23 | Accounts payable and other current liabilities | Md. RON | | | | | | | | | | | |
| 24 | LIABILITIES | Md. RON | | | | | | | | | | | |
| 25 | TOTAL EQUITY AND LIABILITIES | Md. RON | | | | | | | | | | | |
| 26 | Control | | 0.00000 | | | | | | | | | | |

C.R. Ana Bacau S.A. - Annex 1.1

Historical data >>> Projection >>>>

| Year | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

General parameters

| 1 | Base year | Year | 2005 | | | | | | | | | | | | |
|----|--|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2 | Local currency | Symbol | RON | | | | | | | | | | | | |
| 3 | Inflation rate - Romania | % | 5.5% | 3.2% | 2.8% | 2.5% | 2.3% | 2.1% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| 4 | Inflation index - Romania | coefficient | 1.00 | 1.04 | 1.07 | 1.10 | 1.13 | 1.16 | 1.20 | 1.22 | 1.25 | 1.27 | 1.30 | 1.32 | 1.35 |
| 5 | Inflation rate - EURO zone | % | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| 6 | Inflation index - EURO zone | coefficient | 1.00 | 1.02 | 1.04 | 1.06 | 1.08 | 1.10 | 1.12 | 1.14 | 1.16 | 1.18 | 1.20 | 1.22 | 1.24 |
| 7 | Exchange rate considered in the projections | RON/EUR | 4.20 | 4.11 | 4.12 | 4.07 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 |
| 8 | Exchange rate at the date of the feasibility study | RON/EUR | 4.2265 | | | | | | | | | | | | |
| 9 | GDP growth in real terms - Romania | % | -4.0% | 0.1% | 2.4% | 3.7% | 4.4% | 5.2% | 6.0% | 5.7% | 5.3% | 4.8% | 5.0% | 4.4% | 4.4% |
| 10 | GDP index - Romania | coefficient | 1.00 | 0.98 | 1.02 | 1.07 | 1.12 | 1.19 | 1.28 | 1.32 | 1.30 | 1.45 | 1.53 | 1.59 | 1.66 |
| 11 | Increase of energy costs in real terms | % | 3.0% | 2.0% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% |
| 12 | Energy cost index | coefficient | 1.00 | 1.03 | 1.05 | 1.07 | 1.08 | 1.10 | 1.12 | 1.13 | 1.15 | 1.17 | 1.20 | 1.22 | 1.24 |
| 13 | Increase of material / maintenance costs in real terms | % | 1.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| 14 | Material / maintenance costs index | coefficient | 1.00 | 1.02 | 1.04 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 | 1.12 | 1.14 | 1.15 | 1.17 |
| 15 | Increase of personnel costs in real terms | % | -1.9% | 0.0% | 1.1% | 2.4% | 2.8% | 3.5% | 4.0% | 4.5% | 5.0% | 5.0% | 5.0% | 4.4% | 4.4% |
| 16 | Personnel costs index | coefficient | 1.00 | 1.01 | 1.04 | 1.07 | 1.10 | 1.15 | 1.20 | 1.26 | 1.32 | 1.39 | 1.46 | 1.52 | 1.59 |
| 17 | Average household size - urban area | # | 2.83 | 2.82 | 2.81 | 2.81 | 2.80 | 2.79 | 2.79 | 2.78 | 2.77 | 2.76 | 2.75 | 2.74 | 2.74 |
| 18 | Average household size - decile 1 | # | 3.86 | 3.85 | 3.84 | 3.83 | 3.82 | 3.81 | 3.80 | 3.79 | 3.78 | 3.77 | 3.76 | 3.75 | 3.74 |
| 19 | Average household size - decile 2 | # | 3.14 | 3.13 | 3.12 | 3.12 | 3.11 | 3.10 | 3.09 | 3.08 | 3.07 | 3.06 | 3.05 | 3.04 | 3.04 |
| 20 | Average household size - decile 3 | # | 2.93 | 2.92 | 2.91 | 2.91 | 2.90 | 2.89 | 2.88 | 2.87 | 2.86 | 2.85 | 2.84 | 2.83 | 2.82 |
| 21 | Variation of average household size (%) | % | -0.25% | -0.23% | -0.23% | -0.23% | -0.23% | -0.23% | -0.23% | -0.23% | -0.23% | -0.23% | -0.23% | -0.23% | -0.23% |
| 22 | Average household disposable income - national level (real terms) | Euro/month | 505 | 505 | 518 | 537 | 560 | 589 | 625 | 650 | 685 | 730 | 765 | 803 | 875 |
| 23 | Correction factor - country | % | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% |
| 24 | Average household disposable income - county level (real terms) | Euro/month | 495 | 495 | 508 | 527 | 556 | 588 | 625 | 650 | 685 | 730 | 765 | 803 | 875 |
| 25 | Average household disposable income - large cities (real terms) | Euro/month | 459 | 459 | 472 | 496 | 528 | 565 | 603 | 632 | 670 | 715 | 755 | 795 | 875 |
| 26 | Correction factor - large cities | % | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% |
| 27 | Average household disposable income - small cities (real terms) | Euro/month | 472 | 472 | 483 | 508 | 548 | 593 | 640 | 685 | 735 | 790 | 840 | 890 | 975 |
| 28 | Correction factor - small cities | % | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% |
| 29 | Average correction factor for low income households | % | 48.1% | 48.4% | 48.4% | 48.4% | 48.4% | 48.4% | 48.4% | 48.4% | 48.4% | 48.4% | 48.4% | 48.4% | 48.4% |
| 30 | Decile 1 | % | 55.8% | 55.8% | 55.8% | 55.8% | 55.8% | 55.8% | 55.8% | 55.8% | 55.8% | 55.8% | 55.8% | 55.8% | 55.8% |
| 31 | Decile 2 | % | 62.8% | 62.8% | 62.8% | 62.8% | 62.8% | 62.8% | 62.8% | 62.8% | 62.8% | 62.8% | 62.8% | 62.8% | 62.8% |
| 32 | Decile 3 | % | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% |
| 33 | Decile 4 (real terms) | Euro/month | 197 | 197 | 202 | 210 | 219 | 230 | 244 | 258 | 272 | 285 | 299 | 314 | 327 |
| 34 | Decile 5 (real terms) | Euro/month | 241 | 242 | 246 | 257 | 268 | 282 | 299 | 316 | 333 | 349 | 369 | 384 | 401 |
| 35 | Decile 6 (real terms) | Euro/month | 271 | 271 | 278 | 286 | 307 | 317 | 336 | 355 | 374 | 392 | 411 | 431 | 450 |
| 36 | Decile 7 (real terms) | Euro/month | 199 | 199 | 204 | 212 | 221 | 233 | 247 | 261 | 274 | 289 | 302 | 317 | 331 |
| 37 | Average disposable income of low income households - large Cities | Euro/month | 244 | 244 | 250 | 259 | 271 | 285 | 302 | 319 | 335 | 352 | 369 | 388 | 405 |
| 38 | Decile 1 (real terms) | Euro/month | 774 | 774 | 781 | 791 | 804 | 820 | 839 | 858 | 877 | 896 | 915 | 935 | 955 |
| 39 | Decile 2 (real terms) | Euro/month | 181 | 181 | 182 | 186 | 190 | 196 | 203 | 212 | 223 | 237 | 250 | 264 | 278 |
| 40 | Decile 3 (real terms) | Euro/month | 234 | 234 | 240 | 248 | 259 | 273 | 290 | 308 | 323 | 338 | 355 | 372 | 389 |
| 41 | Average disposable income of low income households - small Cities | Euro/month | 263 | 263 | 270 | 280 | 292 | 307 | 326 | 344 | 361 | 380 | 401 | 421 | 441 |
| 42 | Decile 1 (real terms) | % | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% |
| 43 | Decile 2 (real terms) | % | 5.8% | 5.8% | 5.8% | 5.8% | 5.8% | 5.8% | 5.8% | 5.8% | 5.8% | 5.8% | 5.8% | 5.8% | 5.8% |
| 44 | Decile 3 (real terms) | % | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% |
| 45 | Financial discount rate (real) | % | 5.0% | | | | | | | | | | | | |
| 46 | Local discount rate (real) | % | 5.8% | | | | | | | | | | | | |
| 47 | Maximum co-financing rate for the priority axis from EU | % | 83.8% | | | | | | | | | | | | |
| 48 | Financing mix for financing the financing rate (% from the opp) | % | 13.0% | | | | | | | | | | | | |
| 49 | Co-financing rate for the priority axis from State Budget | % | 2.0% | | | | | | | | | | | | |
| 50 | Co-financing rate for the priority axis from Local Budget | % | 2.0% | | | | | | | | | | | | |
| 51 | Financing mix for financing the co-financing (% from total investment) | % | 0.0% | | | | | | | | | | | | |
| 52 | Financing contribution from the State Budget | % | 0.0% | | | | | | | | | | | | |
| 53 | Financing contribution from the Local Budget | % | 8.8% | | | | | | | | | | | | |
| 54 | Financing contribution of the operator by contracting a loan | % | 0.0% | | | | | | | | | | | | |
| 55 | Internal cash generation | % | 0.0% | | | | | | | | | | | | |

C.R. Apa Bacau S.A. - Annex 1-1

| 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

General parameters

| Base year | Year | Symbol | | | | | | | | | | | | | | | |
|-----------|--|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | | |
| 1 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | |
| 2 | Local currency | Symbol | | | | | | | | | | | | | | | |
| 3 | Inflation rate - Romania | % | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | |
| 4 | Inflation rate - Romania | coefficient | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | |
| 5 | Inflation index - EURO | % | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | |
| 6 | Inflation index - EURO | coefficient | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | |
| 7 | Exchange rate considered in the projections | ROM/LEU | 4.30 | 4.30 | 4.30 | 4.30 | 4.30 | 4.30 | 4.30 | 4.30 | 4.30 | 4.30 | 4.30 | 4.30 | 4.30 | 4.30 | |
| 8 | Exchange rate at the date of the feasibility study | ROM/LEU | | | | | | | | | | | | | | | |
| 9 | GDP Growth in real terms - Romania | % | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | |
| 10 | GDP index - Romania | coefficient | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | |
| 11 | Increase of energy costs in real terms | % | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | |
| 12 | Energy cost index | coefficient | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | |
| 13 | Increase of maintenance / maintenance costs in real terms | % | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | |
| 14 | Maintenance / maintenance costs index | coefficient | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | |
| 15 | Increase of personnel costs in real terms | % | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | |
| 16 | Personnel costs index | coefficient | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | |
| 17 | Average household size - urban area | # | 2.73 | 2.72 | 2.72 | 2.71 | 2.70 | 2.69 | 2.68 | 2.68 | 2.67 | 2.66 | 2.65 | 2.64 | 2.64 | 2.64 | |
| 18 | Average household size - decile 1 | # | 3.73 | 3.73 | 3.72 | 3.71 | 3.70 | 3.69 | 3.68 | 3.67 | 3.67 | 3.66 | 3.65 | 3.64 | 3.63 | 3.61 | |
| 19 | Average household size - decile 2 | # | 3.03 | 3.03 | 3.02 | 3.01 | 3.00 | 2.99 | 2.98 | 2.97 | 2.96 | 2.95 | 2.94 | 2.94 | 2.93 | 2.93 | |
| 20 | Average household size - decile 3 | # | 2.84 | 2.83 | 2.82 | 2.81 | 2.80 | 2.79 | 2.78 | 2.77 | 2.77 | 2.76 | 2.75 | 2.74 | 2.74 | 2.74 | |
| 21 | Variation of average household size (%) | % | -0.23% | -0.23% | -0.23% | -0.23% | -0.23% | -0.23% | -0.23% | -0.23% | -0.23% | -0.23% | -0.23% | -0.23% | -0.23% | -0.23% | |
| 22 | Average household disposable income - national level (real terms) | Euro/month | 564 | 566 | 1,038 | 1,085 | 1,132 | 1,183 | 1,235 | 1,289 | 1,346 | 1,405 | 1,467 | 1,531 | 1,598 | 1,670 | |
| 23 | Correction factor - county | % | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | 84.2% | |
| 24 | Average household disposable income - county level (real terms) | Euro/month | 473 | 476 | 875 | 914 | 954 | 1,000 | 1,048 | 1,098 | 1,148 | 1,200 | 1,254 | 1,310 | 1,368 | 1,428 | |
| 25 | Average household disposable income - large cities (real terms) | Euro/month | 674 | 676 | 1,262 | 1,314 | 1,368 | 1,424 | 1,482 | 1,542 | 1,602 | 1,664 | 1,728 | 1,794 | 1,862 | 1,932 | 2,004 |
| 26 | Average household disposable income - small cities (real terms) | Euro/month | 279 | 281 | 526 | 556 | 588 | 622 | 658 | 696 | 736 | 778 | 822 | 868 | 916 | 966 | 1,018 |
| 27 | Average household size - small cities (real terms) | # | 2.73 | 2.72 | 2.72 | 2.71 | 2.70 | 2.69 | 2.68 | 2.68 | 2.67 | 2.66 | 2.65 | 2.64 | 2.64 | 2.64 | 2.64 |
| 28 | Correction factor - small cities | % | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | -3.0% | |
| 29 | Average correction factor for low income households | % | 46.4% | 46.4% | 46.4% | 46.4% | 46.4% | 46.4% | 46.4% | 46.4% | 46.4% | 46.4% | 46.4% | 46.4% | 46.4% | 46.4% | |
| 30 | Decile 1 | % | 56.8% | 56.8% | 56.8% | 56.8% | 56.8% | 56.8% | 56.8% | 56.8% | 56.8% | 56.8% | 56.8% | 56.8% | 56.8% | 56.8% | |
| 31 | Decile 2 | % | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | |
| 32 | Decile 3 | % | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | 63.8% | |
| 33 | Average disposable income of low income households - county level | Euro/month | 370 | 369 | 406 | 424 | 443 | 462 | 482 | 504 | 528 | 554 | 582 | 612 | 644 | 678 | |
| 34 | Decile 1 (real terms) | Euro/month | 456 | 456 | 476 | 487 | 519 | 542 | 566 | 591 | 618 | 648 | 680 | 714 | 750 | 788 | |
| 35 | Decile 2 (real terms) | Euro/month | 512 | 505 | 559 | 593 | 629 | 667 | 707 | 749 | 793 | 839 | 887 | 937 | 989 | 1,044 | |
| 36 | Decile 3 (real terms) | Euro/month | 376 | 383 | 410 | 428 | 447 | 467 | 487 | 509 | 531 | 554 | 579 | 604 | 631 | 659 | |
| 37 | Average disposable income of low income households - large cities | Euro/month | 481 | 481 | 502 | 524 | 547 | 571 | 596 | 623 | 652 | 682 | 714 | 748 | 784 | 822 | |
| 38 | Decile 1 (real terms) | Euro/month | 517 | 540 | 564 | 589 | 615 | 642 | 670 | 699 | 729 | 760 | 792 | 826 | 862 | 900 | |
| 39 | Decile 2 (real terms) | Euro/month | 561 | 577 | 604 | 632 | 661 | 691 | 722 | 754 | 787 | 821 | 856 | 892 | 929 | 968 | |
| 40 | Decile 3 (real terms) | Euro/month | 376 | 383 | 410 | 428 | 447 | 467 | 487 | 509 | 531 | 554 | 579 | 604 | 631 | 659 | |
| 41 | Average disposable income of low income households - small cities | Euro/month | 279 | 281 | 299 | 318 | 338 | 359 | 381 | 404 | 428 | 454 | 481 | 509 | 538 | 568 | |
| 42 | Decile 1 (real terms) | Euro/month | 342 | 342 | 354 | 366 | 379 | 393 | 408 | 424 | 441 | 458 | 476 | 494 | 512 | 530 | |
| 43 | Decile 2 (real terms) | Euro/month | 396 | 396 | 410 | 424 | 439 | 454 | 470 | 486 | 503 | 520 | 538 | 556 | 574 | 592 | |
| 44 | Decile 3 (real terms) | Euro/month | 279 | 281 | 299 | 318 | 338 | 359 | 381 | 404 | 428 | 454 | 481 | 509 | 538 | 568 | |
| 45 | Financial discount rate (real) | % | | | | | | | | | | | | | | | |
| 46 | Social discount rate (real) | % | | | | | | | | | | | | | | | |
| 47 | Maximum co-funding rate for the priority axis from EU | % | | | | | | | | | | | | | | | |
| 48 | Co-funding rate for financing the financing gap (% from the gap) | % | | | | | | | | | | | | | | | |
| 49 | Co-funding rate for the priority axis from Local Budget | % | | | | | | | | | | | | | | | |
| 50 | Financing mix for financing the co-financing (% from total investment) | % | | | | | | | | | | | | | | | |
| 51 | Financing contribution from the State Budget | % | | | | | | | | | | | | | | | |
| 52 | Financing contribution from the Local Budgets | % | | | | | | | | | | | | | | | |
| 53 | Financing contribution of the operator by contracting a loan | % | | | | | | | | | | | | | | | |
| 54 | Internal cash generation | % | | | | | | | | | | | | | | | |

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Historical data 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020

2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020

Investment Plan

Investment plan
1 Percentage of contingencies included in investment costs % 7.2%

Depreciation
2 Depreciation of existing fixed assets Years 40
3 Depreciation of new fixed assets - main works Years 15
4 Depreciation of new fixed assets - plant and machinery works

Financing sources - Project (in nominal terms)
5 EU grant 77.48% 77.48% Euro 91.391.567
6 Central / Regional Government grant 11.85% 11.85% Euro 13.977.534
7 Loan 8.85% 8.85% Euro 10.433.746
8 Local Budget 1.82% 1.82% Euro 2.150.390
9 Internal cash generation 0.00% 0.00% Euro 0
10 Total financial sources 100.00% 100.00% Euro 117.963.237

Loan - Replacement costs
11 Loan period (including grace period) years 20
12 Principal grace period years 4
13 Interest 5.00%
14 Commitment fee 1.00%

Co-financing Loan - Project financing
15 Loan period (including grace period) years 20
16 Principal grace period years 4
17 Interest 5.00%
18 Commitment fee 1.00%

19 Consider contingencies for the financial statements 1-yes 2-no 1
20 Interest rate for cash balance 4.0%

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| Historical data | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Projection | | | | | | | | | | | | | | |

Other financial parameters

| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Taxes & dividends | | | | | | | | | | | | | | |
| 1 Corporate tax | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 2 Dividends | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Working capital - "High" Case Scenario | | | | | | | | | | | | | | |
| 3 Collections | % | 94.0% | 93.0% | 92.0% | 92.0% | 94.0% | 95.0% | 97.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% |
| 4 Stocks | days | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 5 Accounts payable | days | 170 | 130 | 110 | 90 | 80 | 70 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| Working capital - "Without" Case Scenario | | | | | | | | | | | | | | |
| 6 Collections | % | 94.0% | 92.0% | 93.0% | 93.0% | 94.0% | 95.0% | 97.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% |
| 7 Stocks | days | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 8 Accounts payable | days | 170 | 130 | 110 | 90 | 80 | 70 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |

| | | |
|---|-----------|----------|
| Balance sheet | | |
| 9 Gross fixed assets | Mill. RON | 172 740 |
| 10 less depreciation | Mill. RON | 0 000 |
| 11 NET FIXED ASSETS | Mill. RON | 172 740 |
| 12 Stocks | Mill. RON | 0 417 |
| 13 Accounts receivable and other current assets | Mill. RON | 14 060 |
| 14 Cash in hand | Mill. RON | 22 483 |
| 15 CURRENT ASSETS | Mill. RON | 37 016 |
| 16 TOTAL ASSETS | Mill. RON | 209 756 |
| 17 Shareholders' contributions | Mill. RON | 12 350 |
| 18 Retained earnings | Mill. RON | 17 288 |
| 19 EQUITY | Mill. RON | 29 638 |
| 20 Investment grants | Mill. RON | 117 313 |
| 21 Loans | Mill. RON | 53 403 |
| 22 Bank overdraft | Mill. RON | 0 000 |
| 23 Accounts payable and other current liabilities | Mill. RON | 9 502 |
| 24 LIABILITIES | Mill. RON | 180 118 |
| 25 TOTAL EQUITY AND LIABILITIES | Mill. RON | 209 756 |
| 26 Control | Mill. RON | 0.000000 |

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| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Other financial parameters

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|--|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Taxes & dividends | | | | | | | | | | | | | | | | |
| 1 Corporate tax | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 2 Dividends | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Working capital - "With" Case Scenario | | | | | | | | | | | | | | | | |
| 3 Collections | % | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% |
| 4 Stocks | days | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 5 Accounts payable | days | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| Working capital - "Without" Case Scenario | | | | | | | | | | | | | | | | |
| 6 Collections | % | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% |
| 7 Stocks | days | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 8 Accounts payable | days | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |

Balance sheet

| | | |
|---|----------|--|
| 9 Gross fixed assets | Mill RON | |
| 10 less depreciation | Mill RON | |
| 11 NET FIXED ASSETS | Mill RON | |
| 12 Stocks | Mill RON | |
| 13 Accounts receivable and other current assets | Mill RON | |
| 14 Cash in hand | Mill RON | |
| 15 CURRENT ASSETS | Mill RON | |
| 16 TOTAL ASSETS | Mill RON | |
| 17 Shareholders' contributions | Mill RON | |
| 18 Retained earnings | Mill RON | |
| 19 EQUITY | Mill RON | |
| 20 Investment grants | Mill RON | |
| 21 Loans | Mill RON | |
| 22 Bank overdraft | Mill RON | |
| 23 Accounts payable and other current liabilities | Mill RON | |
| 24 LIABILITIES | Mill RON | |
| 25 TOTAL EQUITY AND LIABILITIES | Mill RON | |

Central

C.R. Apa Bacau S.A. - Annex 1-2

Historical data >>> Projection >>>

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Demand - Losses - Production - with project

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|---|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| A Domestic customers | | | | | | | | | | | | | | | | |
| 1 | Population (registered) | 273 079 | 272 651 | 272 198 | 271 733 | 270 832 | 270 404 | 270 002 | 269 604 | 269 195 | 268 759 | 268 289 | 267 774 | 267 214 | 266 607 | 265 961 |
| 2 | Population connected to water supply system | 244 202 | 243 820 | 244 199 | 244 342 | 244 351 | 244 588 | 244 202 | 243 859 | 243 480 | 243 110 | 242 716 | 242 292 | 241 826 | 241 320 | 240 772 |
| 3 | Level of connected to water supply system | % | 89% | 89% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 4 | Average water consumption per capita | LCD | 94 | 96 | 93 | 93 | 91 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 |
| 5 | Domestic water sales (invoiced) | Mli m ³ /year | 8 408 | 8 540 | 8 313 | 8 288 | 8 306 | 8 244 | 8 337 | 8 422 | 8 505 | 8 592 | 8 669 | 8 739 | 8 812 | 8 883 |
| 5 | Population connected to wastewater system | no | 176 607 | 176 607 | 176 607 | 191 224 | 205 957 | 235 071 | 234 725 | 234 387 | 233 988 | 233 579 | 233 129 | 232 642 | 232 113 | 231 550 |
| 6 | Level of connected to the wastewater system | % | 67% | 67% | 67% | 73% | 76% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 7 | Average WW volume per domestic consumer | LCD | 98 | 100 | 97 | 95 | 94 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 |
| 8 | Domestic wastewater (invoiced) | Mli m ³ /year | 6 306 | 6 427 | 6 234 | 6 853 | 7 182 | 7 932 | 8 119 | 8 202 | 8 283 | 8 368 | 8 440 | 8 511 | 8 581 | 8 651 |
| B Non-domestic customers | | | | | | | | | | | | | | | | |
| 1 | Average water consumption of non-domestic customers | Mli m ³ /year | 4 592 | 4 182 | 4 086 | 4 010 | 3 934 | 3 816 | 3 851 | 3 885 | 3 921 | 3 956 | 3 992 | 4 028 | 4 064 | 4 101 |
| 2 | Average WW volume per non-domestic customer | Mli m ³ /year | 5 581 | 5 203 | 4 774 | 4 402 | 4 317 | 4 186 | 4 225 | 4 263 | 4 302 | 4 342 | 4 382 | 4 422 | 4 463 | 4 504 |
| C Invoiced quantities | | | | | | | | | | | | | | | | |
| 1 | Total water sales (invoiced) | Mli m ³ /year | 13 000 | 12 722 | 12 400 | 12 298 | 12 305 | 12 165 | 12 187 | 12 307 | 12 426 | 12 548 | 12 658 | 12 767 | 12 876 | 12 984 |
| 2 | Total wastewater treated (invoiced) | Mli m ³ /year | 11 887 | 11 630 | 11 008 | 11 055 | 11 500 | 11 925 | 12 343 | 12 465 | 12 585 | 12 710 | 12 822 | 12 933 | 13 044 | 13 155 |
| D Development of water / wastewater sales | | | | | | | | | | | | | | | | |
| 1 | Domestic consumption - water | % change | n/a | 1.6% | -2.7% | -0.3% | 1.0% | -0.8% | -1.9% | 1.1% | 1.0% | 1.0% | 0.9% | 0.8% | 0.8% | 0.8% |
| 2 | Domestic consumption - wastewater | % change | n/a | 1.9% | -3.0% | 6.7% | 8.0% | 5.7% | 4.5% | 1.1% | 1.0% | 1.0% | 0.9% | 0.8% | 0.8% | 0.8% |
| 3 | Non-domestic consumption - water | % change | n/a | -8.9% | -2.3% | -1.9% | -1.9% | -2.0% | -2.0% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% |
| 4 | Non-domestic consumption - wastewater | % change | n/a | -6.8% | -8.2% | -7.5% | -1.9% | -2.0% | -2.0% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% |
| 5 | Total water sales (invoiced) | % change | n/a | -2.1% | -2.5% | -0.5% | 0.1% | -1.1% | 2.0% | 1.1% | 1.0% | 1.0% | 0.9% | 0.9% | 0.9% | 0.8% |
| 6 | Total wastewater (invoiced) | % change | n/a | -2.2% | -5.4% | 0.4% | 4.0% | 2.8% | 2.2% | 1.1% | 1.0% | 1.0% | 0.9% | 0.9% | 0.9% | 0.8% |
| E Water production / losses | | | | | | | | | | | | | | | | |
| 1 | Total water sales (invoiced) | Mli m ³ /year | 13 000 | 12 722 | 12 400 | 12 298 | 12 305 | 12 165 | 12 187 | 12 307 | 12 426 | 12 548 | 12 658 | 12 767 | 12 876 | 12 984 |
| 2 | Level of losses (as % in total water production) | % | 54.3% | 53.7% | 51.9% | 50.2% | 49.8% | 48.1% | 48.2% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% |
| 3 | Total water production | Mli m ³ /year | 28 454 | 27 453 | 25 783 | 24 692 | 24 957 | 23 429 | 22 160 | 22 334 | 22 569 | 22 791 | 23 009 | 23 439 | 23 843 | 24 043 |
| F Wastewater treated quantity | | | | | | | | | | | | | | | | |
| 1 | Total wastewater (invoiced) | Mli m ³ /year | 11 887 | 11 630 | 11 008 | 11 055 | 11 500 | 11 925 | 12 343 | 12 465 | 12 465 | 12 548 | 12 658 | 12 767 | 12 876 | 12 984 |
| 2 | Total level of infiltrations (%) | % | 51.8% | 52.3% | 53.7% | 52.0% | 50.1% | 48.7% | 48.2% | 47.4% | 47.2% | 46.9% | 46.7% | 46.5% | 46.3% | 46.1% |
| 3 | Total treated wastewater | Mli m ³ /year | 24 639 | 24 383 | 23 760 | 23 047 | 23 036 | 23 067 | 23 429 | 23 576 | 23 698 | 23 818 | 23 942 | 24 064 | 24 186 | 24 277 |

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Demand - Losses - Production - with project

| | | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | |
|--|---|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| A Domestic customers | | | | | | | | | | | | | | | | | | |
| 1 | Population (registered) | no. | 265,273 | 264,555 | 263,810 | 263,041 | 262,253 | 261,445 | 260,626 | 259,790 | 258,942 | 258,076 | 257,187 | 256,272 | 255,326 | 254,344 | 253,368 | 252,394 |
| 2 | Population connected to water supply system | no. | 239,567 | 238,919 | 238,246 | 237,552 | 236,839 | 236,110 | 235,370 | 234,615 | 233,849 | 233,067 | 232,264 | 231,439 | 230,593 | 229,696 | 228,813 | 227,933 |
| 3 | Level of connected to water supply system | % | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 4 | Average water consumption per capita | LCD | 102 | 103 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 113 | 114 | 115 | 116 | 117 | 118 | 118 |
| 5 | Domestic water sales (invoiced) | Mil m ³ /year | 6,954 | 6,924 | 6,894 | 6,864 | 6,834 | 6,804 | 6,774 | 6,744 | 6,714 | 6,684 | 6,654 | 6,624 | 6,594 | 6,564 | 6,534 | 6,504 |
| 6 | Population connected to wastewater system | no. | 230,951 | 230,326 | 229,677 | 229,007 | 228,320 | 227,617 | 226,904 | 226,175 | 225,437 | 224,683 | 223,909 | 223,112 | 222,288 | 221,433 | 220,581 | 219,732 |
| 7 | Level of connected to the wastewater system | % | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 8 | Average WW volume per domestic consumer | LCD | 103 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 113 | 114 | 115 | 116 | 117 | 119 | 119 | 119 |
| 9 | Domestic wastewater (invoiced) | Mil m ³ /year | 6,720 | 6,708 | 6,696 | 6,684 | 6,672 | 6,660 | 6,648 | 6,636 | 6,624 | 6,612 | 6,600 | 6,588 | 6,576 | 6,564 | 6,552 | 6,540 |
| B Non-domestic customers | | | | | | | | | | | | | | | | | | |
| 1 | Average water consumption of non-domestic customers | Mil m ³ /year | 4,138 | 4,175 | 4,213 | 4,251 | 4,290 | 4,329 | 4,368 | 4,408 | 4,448 | 4,488 | 4,529 | 4,570 | 4,612 | 4,654 | 4,696 | 4,739 |
| 2 | Average WW volume per non-domestic customer | Mil m ³ /year | 4,546 | 4,588 | 4,630 | 4,673 | 4,716 | 4,759 | 4,803 | 4,848 | 4,893 | 4,938 | 4,984 | 5,030 | 5,077 | 5,124 | 5,171 | 5,219 |
| C Invoiced quantities | | | | | | | | | | | | | | | | | | |
| 1 | Total water sales (invoiced) | Mil m ³ /year | 13,092 | 13,199 | 13,307 | 13,414 | 13,522 | 13,629 | 13,737 | 13,846 | 13,954 | 14,063 | 14,172 | 14,280 | 14,388 | 14,495 | 14,526 | 14,531 |
| 2 | Total wastewater treated (invoiced) | Mil m ³ /year | 13,255 | 13,376 | 13,496 | 13,596 | 13,706 | 13,817 | 13,928 | 14,039 | 14,151 | 14,263 | 14,374 | 14,486 | 14,597 | 14,708 | 14,741 | 14,753 |
| D Development of water / wastewater sales | | | | | | | | | | | | | | | | | | |
| 1 | Domestic consumption - water | % change | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.4% |
| 2 | Domestic consumption - wastewater | % change | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.4% |
| 3 | Non-domestic consumption - water | % change | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% |
| 4 | Non-domestic consumption - wastewater | % change | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% |
| 5 | Total water sales (invoiced) | % change | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.0% |
| 6 | Total wastewater (invoiced) | % change | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.1% |
| E Water production / losses | | | | | | | | | | | | | | | | | | |
| 1 | Total water sales (invoiced) | Mil m ³ /year | 13,092 | 13,199 | 13,307 | 13,414 | 13,522 | 13,629 | 13,737 | 13,846 | 13,954 | 14,063 | 14,172 | 14,280 | 14,388 | 14,495 | 14,526 | 14,531 |
| 2 | Level of losses (as % in total water production) | % | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% |
| 3 | Total water production | Mil m ³ /year | 24,243 | 24,442 | 24,641 | 24,840 | 25,039 | 25,238 | 25,439 | 25,639 | 25,840 | 26,041 | 26,243 | 26,443 | 26,643 | 26,842 | 26,898 | 26,907 |
| F Wastewater treated quantity | | | | | | | | | | | | | | | | | | |
| 1 | Total wastewater (invoiced) | Mil m ³ /year | 13,255 | 13,376 | 13,496 | 13,596 | 13,706 | 13,817 | 13,928 | 14,039 | 14,151 | 14,263 | 14,374 | 14,486 | 14,597 | 14,708 | 14,741 | 14,753 |
| 2 | Total level of infiltrations (%) | % | 45.9% | 45.6% | 45.4% | 45.2% | 45.0% | 44.8% | 44.6% | 44.4% | 44.3% | 44.1% | 43.9% | 43.7% | 43.5% | 43.3% | 43.2% | 43.2% |
| 3 | Total treated wastewater | Mil m ³ /year | 24,498 | 24,608 | 24,718 | 24,828 | 24,938 | 25,050 | 25,161 | 25,272 | 25,383 | 25,495 | 25,607 | 25,719 | 25,830 | 25,940 | 25,974 | 25,986 |

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| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Demand - Losses - Production *without project

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| A Domestic customers | | | | | | | | | | | | | | | |
| 1 Population (registered) | 273 079 | 272 851 | 272 198 | 271 733 | 271 263 | 270 832 | 270 404 | 270 002 | 269 804 | 269 195 | 268 759 | 268 299 | 267 774 | 267 214 | 266 607 |
| 2 Population connected to water supply system | 244 202 | 243 820 | 243 415 | 242 969 | 242 560 | 242 194 | 241 811 | 241 453 | 241 097 | 240 731 | 240 341 | 239 921 | 239 461 | 238 960 | 238 417 |
| 3 Level of connected to water supply system | 89% | 89% | 89% | 89% | 89% | 89% | 89% | 89% | 89% | 89% | 89% | 89% | 89% | 89% | 89% |
| 4 Average water consumption per capita | 94 | 96 | 93 | 93 | 93 | 93 | 92 | 93 | 94 | 96 | 97 | 98 | 99 | 100 | 101 |
| 5 Domestic water sales (invoiced) | 8 408 | 8 540 | 8 285 | 8 214 | 8 253 | 8 206 | 8 116 | 8 215 | 8 308 | 8 393 | 8 476 | 8 562 | 8 636 | 8 708 | 8 781 |
| 6 Population connected to wastewater system | 176 607 | 176 317 | 176 018 | 175 715 | 175 438 | 175 163 | 174 905 | 174 649 | 174 386 | 174 105 | 173 803 | 173 471 | 173 109 | 172 718 | 172 300 |
| 7 Level of connected to the wastewater system | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% |
| 8 Average WWV volume per domestic consumer | 98 | 100 | 97 | 98 | 96 | 95 | 94 | 96 | 97 | 98 | 100 | 101 | 101 | 102 | 103 |
| 9 Domestic wastewater (invoiced) | 6 306 | 6 427 | 6 221 | 6 149 | 6 164 | 6 112 | 6 025 | 6 099 | 6 187 | 6 230 | 6 292 | 6 357 | 6 412 | 6 466 | 6 519 |
| B Non-domestic customers | | | | | | | | | | | | | | | |
| 1 Average water consumption of non-domestic customers | 4 592 | 4 182 | 4 088 | 4 029 | 3 953 | 3 876 | 3 783 | 3 800 | 3 832 | 3 865 | 3 898 | 3 932 | 3 966 | 4 000 | 4 034 |
| 2 Average WWV volume per non-domestic customer | 5 581 | 5 203 | 4 776 | 4 424 | 4 338 | 4 253 | 4 148 | 4 166 | 4 184 | 4 202 | 4 221 | 4 239 | 4 257 | 4 276 | 4 294 |
| C Invoiced quantities | | | | | | | | | | | | | | | |
| 1 Total wastewater (invoiced) | 13 000 | 12 722 | 12 373 | 12 243 | 12 206 | 12 083 | 11 899 | 12 015 | 12 140 | 12 258 | 12 374 | 12 494 | 12 602 | 12 709 | 12 815 |
| 2 Total wastewater treated (invoiced) | 11 887 | 11 630 | 10 997 | 10 573 | 10 503 | 10 365 | 10 174 | 10 265 | 10 352 | 10 433 | 10 513 | 10 596 | 10 669 | 10 742 | 10 814 |
| D Development of water / wastewater sales | | | | | | | | | | | | | | | |
| 1 Domestic consumption - water | n/a | 1.6% | -3.0% | -0.9% | 0.5% | -0.6% | -1.1% | 1.2% | 1.1% | 1.0% | 1.0% | 1.0% | 0.9% | 0.8% | 0.8% |
| 2 Domestic consumption - wastewater | n/a | 1.9% | -3.2% | -1.2% | 0.2% | -0.9% | -1.4% | 1.2% | 1.1% | 1.0% | 1.0% | 1.0% | 0.9% | 0.8% | 0.8% |
| 3 Non-domestic consumption - water | n/a | -8.9% | -2.2% | -1.4% | -1.9% | -1.9% | -2.4% | 0.5% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% |
| 4 Non-domestic consumption - wastewater | n/a | -6.8% | -8.2% | -7.4% | -1.8% | -2.0% | -2.5% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% |
| 5 Total water sales (invoiced) | n/a | -2.1% | -2.7% | -1.1% | -0.3% | -1.0% | -1.5% | 1.0% | 1.0% | 1.0% | 1.0% | 0.9% | 0.8% | 0.8% | 0.8% |
| 6 Total wastewater (invoiced) | n/a | -2.2% | -5.4% | -3.9% | -0.7% | -1.3% | -1.8% | 0.9% | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% |
| E Water production / losses | | | | | | | | | | | | | | | |
| 1 Total water sales (invoiced) | 13 000 | 12 722 | 12 373 | 12 243 | 12 206 | 12 083 | 11 899 | 12 015 | 12 140 | 12 258 | 12 374 | 12 494 | 12 602 | 12 709 | 12 815 |
| 2 Level of losses (as % in total water production) | 54.3% | 53.7% | 51.9% | 50.2% | 48.8% | 48.1% | 46.2% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% |
| 3 Total water production | 28 454 | 27 453 | 25 730 | 24 562 | 24 339 | 23 219 | 22 112 | 22 257 | 22 488 | 22 706 | 22 921 | 23 144 | 23 343 | 23 542 | 23 739 |
| F Wastewater treated quantity | | | | | | | | | | | | | | | |
| 1 Total wastewater (invoiced) | 11 887 | 11 630 | 10 997 | 10 573 | 10 503 | 10 365 | 10 174 | 10 265 | 10 352 | 10 433 | 10 513 | 10 596 | 10 669 | 10 742 | 10 814 |
| 2 Total level of infiltrations (%) | 51.8% | 52.3% | 53.9% | 54.9% | 56.0% | 56.3% | 55.8% | 55.5% | 55.3% | 55.1% | 55.0% | 54.8% | 54.6% | 54.4% | 54.1% |
| 3 Total treated wastewater | 24 639 | 24 383 | 23 873 | 23 424 | 23 340 | 23 193 | 23 002 | 23 093 | 23 180 | 23 261 | 23 341 | 23 424 | 23 497 | 23 570 | 23 642 |

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| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Demand - Losses - Production - "without project"

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | |
|---|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| A Domestic customers | | | | | | | | | | | | | | | | | |
| 1 Population (registered) | no | 265,273 | 264,555 | 263,810 | 263,041 | 262,263 | 261,445 | 260,626 | 259,790 | 258,942 | 258,076 | 257,187 | 256,272 | 255,326 | 254,344 | 253,388 | 252,364 |
| 2 Population connected to water supply system | no | 237,225 | 236,383 | 235,517 | 234,629 | 233,723 | 232,803 | 231,871 | 230,923 | 230,055 | 229,166 | 228,256 | 227,324 | 226,371 | 225,403 | 224,411 | 223,395 |
| 3 Level of connected to water supply system | % | 89% | 89% | 89% | 89% | 89% | 89% | 89% | 89% | 89% | 89% | 89% | 89% | 89% | 89% | 89% | 89% |
| 4 Average water consumption per capita | LCD | 103 | 104 | 105 | 106 | 107 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 117 | 118 | 119 | 121 |
| 5 Domestic water sales (invoiced) | Mil m ³ /year | 8,923 | 8,993 | 9,062 | 9,131 | 9,200 | 9,269 | 9,337 | 9,406 | 9,474 | 9,542 | 9,610 | 9,677 | 9,743 | 9,808 | 9,874 | 9,938 |
| 6 Population connected to wastewater system | no | 171,857 | 171,393 | 170,912 | 170,416 | 169,906 | 169,384 | 168,854 | 168,314 | 167,766 | 167,206 | 166,631 | 166,040 | 165,427 | 164,792 | 164,181 | 163,531 |
| 6 Level of connected to the wastewater system | % | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 64.8% |
| 7 Average WWV volume per domestic consumer | LCD | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 114 | 115 | 116 | 117 | 118 | 120 | 121 | 121 | 121 |
| 8 Domestic wastewater (invoiced) | Mil m ³ /year | 6,625 | 6,675 | 6,728 | 6,779 | 6,831 | 6,882 | 6,933 | 6,983 | 7,034 | 7,085 | 7,135 | 7,185 | 7,234 | 7,282 | 7,329 | 7,378 |
| B Non-domestic customers | | | | | | | | | | | | | | | | | |
| 1 Average water consumption of non-domestic customers | Mil m ³ /year | 4,104 | 4,139 | 4,175 | 4,211 | 4,249 | 4,285 | 4,322 | 4,359 | 4,397 | 4,436 | 4,474 | 4,513 | 4,553 | 4,593 | 4,633 | 4,673 |
| 2 Average WWV volume per non-domestic customer | Mil m ³ /year | 4,332 | 4,351 | 4,370 | 4,389 | 4,408 | 4,427 | 4,446 | 4,466 | 4,485 | 4,505 | 4,524 | 4,544 | 4,564 | 4,584 | 4,604 | 4,624 |
| C Invoiced quantities | | | | | | | | | | | | | | | | | |
| 1 Total wastewater (invoiced) | Mil m ³ /year | 13,027 | 13,132 | 13,237 | 13,343 | 13,448 | 13,553 | 13,659 | 13,765 | 13,871 | 13,978 | 14,084 | 14,190 | 14,296 | 14,401 | 14,428 | 14,429 |
| 2 Total wastewater treated (invoiced) | Mil m ³ /year | 10,957 | 11,027 | 11,098 | 11,168 | 11,238 | 11,308 | 11,379 | 11,449 | 11,519 | 11,590 | 11,659 | 11,728 | 11,798 | 11,866 | 11,870 | 11,863 |
| D Development of water / wastewater sales | | | | | | | | | | | | | | | | | |
| 1 Domestic consumption - water | % change | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | -0.4% |
| 2 Domestic consumption - wastewater | % change | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | -0.4% |
| 3 Non-domestic consumption - water | % change | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% | 0.9% |
| 4 Non-domestic consumption - wastewater | % change | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% |
| 5 Total water sales (invoiced) | % change | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% |
| 6 Total wastewater (invoiced) | % change | 0.7% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | -0.1% |
| E Water production / losses | | | | | | | | | | | | | | | | | |
| 1 Total water sales (invoiced) | Mil m ³ /year | 13,027 | 13,132 | 13,237 | 13,343 | 13,448 | 13,553 | 13,659 | 13,765 | 13,871 | 13,978 | 14,084 | 14,190 | 14,296 | 14,401 | 14,428 | 14,429 |
| 2 Level of losses (as % in total water production) | % | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% |
| 3 Total water production | Mil m ³ /year | 24,131 | 24,328 | 24,521 | 24,716 | 24,911 | 25,106 | 25,302 | 25,499 | 25,695 | 25,893 | 26,090 | 26,286 | 26,482 | 26,676 | 26,724 | 26,730 |
| F Wastewater treated quantity | | | | | | | | | | | | | | | | | |
| 1 Total wastewater (invoiced) | Mil m ³ /year | 10,957 | 11,027 | 11,098 | 11,168 | 11,238 | 11,308 | 11,379 | 11,449 | 11,519 | 11,590 | 11,659 | 11,728 | 11,798 | 11,866 | 11,870 | 11,863 |
| 2 Total level of infiltrations (%) | % | 53.9% | 53.8% | 53.6% | 53.5% | 53.3% | 53.1% | 53.0% | 52.8% | 52.7% | 52.5% | 52.4% | 52.2% | 52.1% | 51.9% | 51.9% | 52.0% |
| 3 Total treated wastewater | Mil m ³ /year | 23,785 | 23,856 | 23,926 | 23,996 | 24,067 | 24,137 | 24,207 | 24,277 | 24,348 | 24,418 | 24,488 | 24,557 | 24,628 | 24,694 | 24,699 | 24,691 |

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Demand "with project" - Bacau

| Historical data | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 Domestic customers | | | | | | | | | | | | | | | | |
| 2 Population (registered) | 197 013 | 196 708 | 196 394 | 196 070 | 195 741 | 195 441 | 195 142 | 194 863 | 194 585 | 194 299 | 193 993 | 193 662 | 193 299 | 192 902 | 192 472 | 192 013 |
| 3 Population connected to water supply system | 177 311 | 177 037 | 176 755 | 176 463 | 176 187 | 175 897 | 175 628 | 175 377 | 175 126 | 174 869 | 174 594 | 174 296 | 173 969 | 173 612 | 173 225 | 172 812 |
| 4 Level of connected to water supply system | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 5 Average water consumption per capita | 104 | 106 | 103 | 101 | 99 | 98 | 96 | 97 | 98 | 99 | 101 | 102 | 103 | 104 | 105 | 106 |
| 6 Domestic water sales (invoiced) | 6 177 | 6 867 | 6 621 | 6 511 | 6 500 | 6 353 | 6 138 | 6 213 | 6 283 | 6 347 | 6 410 | 6 476 | 6 532 | 6 588 | 6 642 | 6 697 |
| 7 Population connected to wastewater system | 143 132 | 143 132 | 143 132 | 151 256 | 159 380 | 167 504 | 175 628 | 175 377 | 175 126 | 174 869 | 174 594 | 174 296 | 173 969 | 173 612 | 173 225 | 172 812 |
| 8 Level of connected to the wastewater system | 73% | 73% | 73% | 77% | 81% | 86% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 9 Average WWV volume per domestic consumer | 104 | 106 | 103 | 101 | 101 | 98 | 96 | 97 | 98 | 99 | 101 | 102 | 103 | 104 | 105 | 106 |
| 10 Domestic wastewater (invoiced) | 5 422 | 5 552 | 5 361 | 5 561 | 5 861 | 6 051 | 6 138 | 6 213 | 6 283 | 6 347 | 6 410 | 6 476 | 6 532 | 6 588 | 6 642 | 6 697 |
| 11 Non-domestic customers | | | | | | | | | | | | | | | | |
| 12 Non-domestic water sales (invoiced) | 3 808 | 3 355 | 3 268 | 3 221 | 3 154 | 3 087 | 3 020 | 3 050 | 3 080 | 3 111 | 3 142 | 3 174 | 3 206 | 3 238 | 3 270 | 3 303 |
| 13 Non-domestic wastewater (invoiced) | 4 753 | 4 375 | 3 945 | 3 543 | 3 469 | 3 396 | 3 322 | 3 355 | 3 388 | 3 422 | 3 457 | 3 491 | 3 526 | 3 561 | 3 597 | 3 633 |
| 14 Invoiced quantities | | | | | | | | | | | | | | | | |
| 15 Total water sales (invoiced) | 10 524 | 10 223 | 9 909 | 9 732 | 9 654 | 9 441 | 9 157 | 9 263 | 9 363 | 9 458 | 9 553 | 9 650 | 9 738 | 9 825 | 9 912 | 9 999 |
| 16 Total wastewater (invoiced) | 10 175 | 9 927 | 9 307 | 9 124 | 9 350 | 9 447 | 9 459 | 9 568 | 9 671 | 9 770 | 9 867 | 9 967 | 10 058 | 10 149 | 10 239 | 10 329 |
| 17 Development of water / wastewater sales | | | | | | | | | | | | | | | | |
| 18 Domestic consumption - water | n/a | 2.2% | -3.6% | -1.7% | -0.2% | -2.2% | -3.4% | 1.2% | 1.1% | 1.0% | 1.0% | 1.0% | 1.0% | 0.9% | 0.8% | 0.8% |
| 19 Domestic consumption - wastewater | n/a | 2.4% | -3.4% | 4.1% | 5.4% | 2.9% | 1.4% | 1.2% | 1.1% | 1.0% | 1.0% | 1.0% | 1.0% | 0.9% | 0.8% | 0.8% |
| 20 Non-domestic consumption - water | n/a | -11.9% | -2.0% | -2.0% | -2.1% | -2.1% | -2.1% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% |
| 21 Non-domestic consumption - wastewater | n/a | -8.0% | -9.8% | -10.2% | -2.1% | -2.1% | -2.2% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% |
| 22 Total water sales (invoiced) | n/a | -2.9% | -3.1% | -1.9% | -0.8% | -2.2% | -3.0% | 1.1% | 1.1% | 1.0% | 1.0% | 1.0% | 1.0% | 0.9% | 0.9% | 0.9% |
| 23 Total wastewater (invoiced) | n/a | -2.4% | -6.2% | -2.0% | 2.5% | 1.0% | 0.1% | 1.1% | 1.1% | 1.0% | 1.0% | 1.0% | 1.0% | 0.9% | 0.9% | 0.9% |
| 24 Water production / losses | | | | | | | | | | | | | | | | |
| 25 Total water sales (invoiced) | 10 524 | 10 223 | 9 909 | 9 732 | 9 654 | 9 441 | 9 157 | 9 263 | 9 363 | 9 458 | 9 553 | 9 650 | 9 738 | 9 825 | 9 912 | 9 999 |
| 26 Level of losses (as % in total water production) | 54.7% | 54.0% | 52.0% | 50.9% | 50.0% | 48.0% | 46.0% | 45.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% |
| 27 Total water production | 23 279 | 22 223 | 20 844 | 19 485 | 19 309 | 18 157 | 16 958 | 17 153 | 17 338 | 17 516 | 17 690 | 17 870 | 18 033 | 18 195 | 18 358 | 18 517 |
| 28 Wastewater treated quantity | | | | | | | | | | | | | | | | |
| 29 Total wastewater (invoiced) | 10 175 | 9 927 | 9 307 | 9 124 | 9 350 | 9 447 | 9 459 | 9 568 | 9 671 | 9 770 | 9 867 | 9 967 | 10 058 | 10 149 | 10 239 | 10 329 |
| 30 Infiltrations | 11 680 | 11 680 | 11 680 | 10 944 | 10 502 | 10 207 | 10 207 | 10 207 | 10 207 | 10 207 | 10 207 | 10 207 | 10 207 | 10 207 | 10 207 | 10 207 |
| 31 Total level of infiltrations (%) | 53.4% | 54.1% | 55.7% | 54.5% | 52.9% | 51.9% | 51.6% | 51.6% | 51.3% | 51.1% | 50.8% | 50.6% | 50.4% | 50.1% | 49.9% | 49.7% |
| 32 Total treated wastewater | 21 855 | 21 607 | 20 987 | 20 068 | 19 852 | 19 654 | 19 656 | 19 775 | 19 878 | 19 977 | 20 074 | 20 174 | 20 285 | 20 386 | 20 448 | 20 537 |

C.R. Apa Bacau S.A. - Annex 12

Demand "with project" - Bacau

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|---|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 Domestic customers | | | | | | | | | | | | | | | | |
| 2 Population (consistent) | no | 191 525 | 191 013 | 190 482 | 189 934 | 189 371 | 188 794 | 188 209 | 187 611 | 187 005 | 186 384 | 185 749 | 185 093 | 184 414 | 183 710 | 183 009 |
| 3 Population connected to water supply system | no. | 172 372 | 171 912 | 171 434 | 170 941 | 170 434 | 169 914 | 169 389 | 168 850 | 168 304 | 167 746 | 167 174 | 166 584 | 165 973 | 165 339 | 164 706 |
| 4 Level of connected to water supply system | % | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 5 Average water consumption per capita | LCD | 107 | 108 | 110 | 111 | 112 | 113 | 114 | 115 | 117 | 118 | 119 | 120 | 122 | 123 | 123 |
| 6 Domestic water sales (invoiced) | Mil m ³ /year | 6 750 | 6 803 | 6 856 | 6 908 | 6 961 | 7 013 | 7 065 | 7 117 | 7 169 | 7 220 | 7 272 | 7 322 | 7 373 | 7 422 | 7 384 |
| 7 Population connected to wastewater system | no. | 172 372 | 171 912 | 171 434 | 170 941 | 170 434 | 169 914 | 169 389 | 168 850 | 168 304 | 167 746 | 167 174 | 166 584 | 165 973 | 165 339 | 164 706 |
| 8 Level of connected to the wastewater system | % | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 9 Average WWV volume per domestic consumer | LCD | 107 | 108 | 110 | 111 | 112 | 113 | 114 | 115 | 117 | 118 | 119 | 120 | 122 | 123 | 123 |
| 10 Domestic wastewater (invoiced) | Mil m ³ /year | 6 750 | 6 803 | 6 856 | 6 908 | 6 961 | 7 013 | 7 065 | 7 117 | 7 169 | 7 220 | 7 272 | 7 322 | 7 373 | 7 422 | 7 384 |
| 11 Non-domestic customers | | | | | | | | | | | | | | | | |
| 12 Non-domestic water sales (invoiced) | Mil m ³ /year | 3 336 | 3 369 | 3 403 | 3 437 | 3 471 | 3 506 | 3 541 | 3 576 | 3 612 | 3 648 | 3 685 | 3 722 | 3 759 | 3 796 | 3 834 |
| 13 Non-domestic wastewater (invoiced) | Mil m ³ /year | 3 669 | 3 706 | 3 743 | 3 780 | 3 818 | 3 856 | 3 895 | 3 934 | 3 973 | 4 013 | 4 053 | 4 094 | 4 135 | 4 176 | 4 218 |
| 14 Invoiced quantities | | | | | | | | | | | | | | | | |
| 15 Total water sales (invoiced) | Mil m ³ /year | 10 086 | 10 172 | 10 259 | 10 345 | 10 432 | 10 518 | 10 606 | 10 693 | 10 781 | 10 868 | 10 956 | 11 044 | 11 131 | 11 218 | 11 228 |
| 16 Total wastewater (invoiced) | Mil m ³ /year | 10 419 | 10 509 | 10 569 | 10 669 | 10 779 | 10 869 | 10 960 | 11 051 | 11 142 | 11 233 | 11 325 | 11 416 | 11 507 | 11 598 | 11 611 |
| 17 Development of water & wastewater sales | | | | | | | | | | | | | | | | |
| 18 Domestic consumption - water | % change | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | -0.4% |
| 19 Domestic consumption - wastewater | % change | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | -0.4% |
| 20 Non-domestic consumption - water | % change | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% |
| 21 Non-domestic consumption - wastewater | % change | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% |
| 22 Total water sales (invoiced) | % change | 0.9% | 0.9% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.1% |
| 23 Total wastewater (invoiced) | % change | 0.9% | 0.9% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.1% |
| 24 Water production / losses | | | | | | | | | | | | | | | | |
| 25 Total water sales (invoiced) | Mil m ³ /year | 10 086 | 10 172 | 10 259 | 10 345 | 10 432 | 10 518 | 10 606 | 10 693 | 10 781 | 10 868 | 10 956 | 11 044 | 11 131 | 11 218 | 11 228 |
| 26 Level of losses (as % in total water production) | % | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% |
| 27 Total water production | Mil m ³ /year | 18 677 | 18 837 | 19 997 | 19 157 | 19 318 | 19 649 | 19 640 | 19 802 | 19 964 | 20 127 | 20 289 | 20 452 | 20 614 | 20 775 | 20 811 |
| 28 Wastewater treated quantity | 1/sec | 582 | 597 | 602 | 607 | 613 | 618 | 623 | 628 | 633 | 638 | 643 | 648 | 654 | 659 | 660 |
| 29 Total wastewater (invoiced) | Mil m ³ /year | 10 419 | 10 509 | 10 569 | 10 669 | 10 779 | 10 869 | 10 960 | 11 051 | 11 142 | 11 233 | 11 325 | 11 416 | 11 507 | 11 598 | 11 611 |
| 30 Infiltrations | Mil m ³ /year | 10 207 | 10 207 | 10 207 | 10 207 | 10 207 | 10 207 | 10 207 | 10 207 | 10 207 | 10 207 | 10 207 | 10 207 | 10 207 | 10 207 | 10 207 |
| 31 Total level of infiltrations (%) | % | 49.5% | 49.5% | 49.1% | 48.5% | 48.5% | 48.2% | 48.2% | 48.0% | 47.8% | 47.6% | 47.4% | 47.2% | 47.0% | 46.8% | 46.8% |
| 32 Total treated wastewater | Mil m ³ /year | 20 628 | 20 716 | 20 806 | 20 896 | 20 986 | 21 076 | 21 167 | 21 258 | 21 349 | 21 440 | 21 532 | 21 623 | 21 714 | 21 805 | 21 832 |

C.R. Apa Bacau S.A. - Annex 1.2

Historical data
2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023

►►► Projection ►►►

Demand "without project" - Bacau

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 Domestic customers | | | | | | | | | | | | | | | | |
| 2 Population (registered) | 197 013 | 196 708 | 196 394 | 196 070 | 195 741 | 195 441 | 195 142 | 194 853 | 194 585 | 194 299 | 193 993 | 193 662 | 193 299 | 192 902 | 192 472 | 192 013 |
| 3 Population connected to water supply system | 177 311 | 177 037 | 176 754 | 176 463 | 176 167 | 175 897 | 175 628 | 175 378 | 175 128 | 174 889 | 174 593 | 174 286 | 173 969 | 173 611 | 173 225 | 172 811 |
| 4 Level of connected to water supply system | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 5 Average water consumption per capita | 104 | 104 | 106 | 103 | 101 | 100 | 98 | 100 | 101 | 102 | 103 | 104 | 106 | 107 | 108 | 109 |
| 6 Domestic water sales (invoiced) | 6 717 | 6 867 | 6 821 | 6 511 | 6 500 | 6 413 | 6 296 | 6 373 | 6 445 | 6 511 | 6 575 | 6 643 | 6 700 | 6 757 | 6 813 | 6 869 |
| 7 Population connected to wastewater system | 143 132 | 142 903 | 142 668 | 142 428 | 142 179 | 141 933 | 141 789 | 141 587 | 141 379 | 141 166 | 140 916 | 140 651 | 140 383 | 140 105 | 139 716 | 139 318 |
| 8 Level of connected to the wastewater system | 73% | 73% | 73% | 73% | 73% | 73% | 73% | 73% | 73% | 73% | 73% | 73% | 73% | 73% | 73% | 73% |
| 9 Average WW volume per domestic consumer | 104 | 106 | 103 | 101 | 101 | 100 | 98 | 100 | 101 | 102 | 103 | 104 | 106 | 107 | 108 | 109 |
| 10 Domestic wastewater (invoiced) | 5 422 | 5 352 | 5 353 | 5 264 | 5 256 | 5 185 | 5 090 | 5 152 | 5 210 | 5 264 | 5 318 | 5 371 | 5 417 | 5 463 | 5 509 | 5 553 |
| 11 Non-domestic customers | | | | | | | | | | | | | | | | |
| 12 Non-domestic water sales (invoiced) | 3 808 | 3 355 | 3 288 | 3 237 | 3 170 | 3 102 | 3 020 | 3 035 | 3 065 | 3 086 | 3 127 | 3 158 | 3 190 | 3 222 | 3 254 | 3 286 |
| 13 Non-domestic wastewater (invoiced) | 4 753 | 4 375 | 3 946 | 3 561 | 3 487 | 3 413 | 3 322 | 3 338 | 3 355 | 3 372 | 3 389 | 3 406 | 3 423 | 3 440 | 3 457 | 3 474 |
| 14 Invoiced quantities | | | | | | | | | | | | | | | | |
| 15 Total water sales (invoiced) | 10 524 | 10 223 | 9 909 | 9 749 | 9 670 | 9 515 | 9 315 | 9 408 | 9 510 | 9 607 | 9 702 | 9 801 | 9 890 | 9 979 | 10 067 | 10 155 |
| 16 Total wastewater (invoiced) | 10 175 | 9 927 | 9 299 | 8 825 | 8 742 | 8 597 | 8 412 | 8 491 | 8 565 | 8 636 | 8 705 | 8 776 | 8 840 | 8 903 | 8 966 | 9 028 |
| 17 Development of water / wastewater sales | | | | | | | | | | | | | | | | |
| 18 Domestic consumption - water | n/a | 2.2% | -3.6% | -1.7% | -0.2% | -1.3% | -1.8% | 1.2% | 1.1% | 1.0% | 1.0% | 1.0% | 1.0% | 0.9% | 0.8% | 0.8% |
| % change | n/a | 2.4% | -3.6% | -1.7% | -0.2% | -1.3% | -1.8% | 1.2% | 1.1% | 1.0% | 1.0% | 1.0% | 1.0% | 0.9% | 0.8% | 0.8% |
| 19 Domestic consumption - wastewater | n/a | -11.9% | -2.0% | -1.6% | -2.1% | -2.7% | -2.7% | 0.5% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% |
| % change | n/a | -11.9% | -2.0% | -1.6% | -2.1% | -2.7% | -2.7% | 0.5% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% |
| 20 Non-domestic consumption - water | n/a | -8.0% | -9.8% | -9.8% | -2.1% | -2.1% | -2.7% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% |
| % change | n/a | -8.0% | -9.8% | -9.8% | -2.1% | -2.1% | -2.7% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% |
| 21 Non-domestic consumption - wastewater | n/a | 2.9% | -3.1% | -1.6% | -0.8% | -1.6% | 2.1% | 1.0% | 1.1% | 1.0% | 1.0% | 1.0% | 1.0% | 0.9% | 0.9% | 0.9% |
| % change | n/a | 2.9% | -3.1% | -1.6% | -0.8% | -1.6% | 2.1% | 1.0% | 1.1% | 1.0% | 1.0% | 1.0% | 1.0% | 0.9% | 0.9% | 0.9% |
| 22 Total water sales (invoiced) | n/a | -2.4% | -6.3% | -5.1% | -0.9% | -1.7% | -2.2% | 0.9% | 0.9% | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% |
| % change | n/a | -2.4% | -6.3% | -5.1% | -0.9% | -1.7% | -2.2% | 0.9% | 0.9% | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% |
| 24 Water production / losses | | | | | | | | | | | | | | | | |
| 25 Total water sales (invoiced) | 10 524 | 10 223 | 9 909 | 9 749 | 9 670 | 9 515 | 9 315 | 9 408 | 9 510 | 9 607 | 9 702 | 9 801 | 9 890 | 9 979 | 10 067 | 10 155 |
| 26 Level of losses (as % in total water production) | 54.7% | 54.0% | 52.0% | 50.0% | 50.0% | 48.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% |
| 27 Total water production | 23 229 | 22 223 | 20 644 | 19 497 | 19 340 | 18 299 | 17 251 | 17 421 | 17 811 | 17 790 | 17 967 | 18 150 | 18 315 | 18 479 | 18 643 | 18 806 |
| 28 Wastewater treated quantity | | | | | | | | | | | | | | | | |
| 29 Total wastewater (invoiced) | 10 175 | 9 927 | 9 299 | 8 825 | 8 742 | 8 597 | 8 412 | 8 491 | 8 565 | 8 636 | 8 705 | 8 776 | 8 840 | 8 903 | 8 966 | 9 028 |
| 30 Infiltrations | 11 680 | 11 680 | 11 680 | 11 680 | 11 680 | 11 680 | 11 680 | 11 680 | 11 680 | 11 680 | 11 680 | 11 680 | 11 680 | 11 680 | 11 680 | 11 680 |
| 31 Total level of infiltrations (%) | 53.4% | 54.1% | 55.7% | 57.0% | 57.2% | 57.6% | 58.1% | 57.9% | 57.7% | 57.5% | 57.3% | 57.1% | 56.9% | 56.7% | 56.6% | 56.4% |
| 32 Total treated wastewater | 21 855 | 21 607 | 20 979 | 20 505 | 20 422 | 20 277 | 20 092 | 20 171 | 20 245 | 20 316 | 20 385 | 20 456 | 20 520 | 20 583 | 20 646 | 20 708 |

C.R. Apa Bacau S.A. - Annex 12

Demand "without project" - Bacau

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|---|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 Domestic customers | | | | | | | | | | | | | | | | |
| 2 Population (registered) | 191 525 | 191 013 | 190 482 | 189 934 | 189 371 | 188 794 | 188 209 | 187 611 | 187 005 | 186 384 | 185 748 | 185 093 | 184 414 | 183 710 | 183 009 | 182 310 |
| 3 Population connected to water supply system | 172 372 | 171 911 | 171 434 | 170 940 | 170 434 | 169 914 | 169 388 | 168 849 | 168 304 | 167 746 | 167 173 | 166 584 | 165 973 | 165 339 | 164 707 | 164 079 |
| 4 Level of connected to water supply system | % | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 5 Average water consumption per capita | LCD | 110 | 111 | 112 | 114 | 115 | 117 | 118 | 120 | 121 | 122 | 124 | 125 | 126 | 126 | 126 |
| 6 Domestic water sales (invoiced) | Mli m ³ /year | 6 924 | 6 978 | 7 032 | 7 086 | 7 140 | 7 193 | 7 247 | 7 300 | 7 353 | 7 406 | 7 459 | 7 511 | 7 562 | 7 613 | 7 664 |
| 7 Population connected to wastewater system | no | 139 361 | 138 988 | 138 602 | 138 203 | 137 793 | 137 373 | 136 948 | 136 512 | 136 071 | 135 620 | 135 157 | 134 681 | 134 187 | 133 684 | 133 164 |
| 8 Level of connected to the wastewater system | % | 73% | 73% | 73% | 73% | 73% | 73% | 73% | 73% | 73% | 73% | 73% | 73% | 73% | 73% | 73% |
| 9 Average WW volume per domestic consumer | LCD | 110 | 111 | 112 | 114 | 115 | 117 | 118 | 120 | 121 | 122 | 124 | 125 | 126 | 126 | 126 |
| 10 Domestic wastewater (invoiced) | Mli m ³ /year | 5 688 | 5 642 | 5 686 | 5 728 | 5 772 | 5 815 | 5 859 | 5 902 | 5 945 | 5 988 | 6 030 | 6 073 | 6 114 | 6 155 | 6 196 |
| 11 Non-domestic customers | | | | | | | | | | | | | | | | |
| 12 Non-domestic water sales (invoiced) | Mli m ³ /year | 3 319 | 3 392 | 3 396 | 3 420 | 3 454 | 3 488 | 3 523 | 3 559 | 3 594 | 3 630 | 3 666 | 3 703 | 3 740 | 3 778 | 3 815 |
| 13 Non-domestic wastewater (invoiced) | Mli m ³ /year | 3 482 | 3 509 | 3 527 | 3 544 | 3 562 | 3 580 | 3 598 | 3 616 | 3 634 | 3 652 | 3 669 | 3 707 | 3 725 | 3 744 | 3 763 |
| 14 Invoiced quantities | | | | | | | | | | | | | | | | |
| 15 Total water sales (invoiced) | Mli m ³ /year | 10 243 | 10 331 | 10 418 | 10 506 | 10 594 | 10 682 | 10 770 | 10 858 | 10 947 | 11 036 | 11 124 | 11 214 | 11 303 | 11 391 | 11 479 |
| 16 Total wastewater (invoiced) | Mli m ³ /year | 9 089 | 9 151 | 9 212 | 9 273 | 9 334 | 9 395 | 9 456 | 9 518 | 9 579 | 9 640 | 9 701 | 9 761 | 9 821 | 9 881 | 9 941 |
| 17 Development of water / wastewater sales | | | | | | | | | | | | | | | | |
| 18 Domestic consumption - water | % change | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | -0.4% |
| 19 Domestic consumption - wastewater | % change | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | -0.4% |
| 20 Non-domestic consumption - water | % change | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% |
| 21 Non-domestic consumption - wastewater | % change | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% |
| 22 Total water sales (invoiced) | % change | 0.9% | 0.9% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.1% |
| 23 Total wastewater (invoiced) | % change | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.0% |
| 24 Water production / losses | | | | | | | | | | | | | | | | |
| 25 Total water sales (invoiced) | Mli m ³ /year | 10 243 | 10 331 | 10 418 | 10 506 | 10 594 | 10 682 | 10 770 | 10 858 | 10 947 | 11 036 | 11 125 | 11 214 | 11 303 | 11 391 | 11 479 |
| 26 Level of losses (as % in total water production) | % | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% | 46.0% |
| 27 Total water production | Mli m ³ /year | 18 969 | 19 131 | 19 293 | 19 455 | 19 618 | 19 781 | 19 944 | 20 108 | 20 273 | 20 438 | 20 602 | 20 767 | 20 931 | 21 100 | 21 127 |
| 28 Wastewater treated quantity | | | | | | | | | | | | | | | | |
| 29 Total wastewater (invoiced) | Mli m ³ /year | 9 089 | 9 151 | 9 212 | 9 273 | 9 334 | 9 395 | 9 456 | 9 518 | 9 579 | 9 640 | 9 701 | 9 761 | 9 821 | 9 881 | 9 941 |
| 30 Infiltrations | Mli m ³ /year | 11 680 | 11 680 | 11 680 | 11 680 | 11 680 | 11 680 | 11 680 | 11 680 | 11 680 | 11 680 | 11 680 | 11 680 | 11 680 | 11 680 | 11 680 |
| 31 Total level of infiltrations (%) | % | 56.2% | 56.1% | 55.9% | 55.7% | 55.6% | 55.4% | 55.3% | 55.1% | 54.9% | 54.8% | 54.6% | 54.5% | 54.3% | 54.2% | 54.2% |
| 32 Total treated wastewater | Mli m ³ /year | 20 769 | 20 831 | 20 882 | 20 953 | 21 014 | 21 075 | 21 136 | 21 198 | 21 259 | 21 320 | 21 381 | 21 441 | 21 501 | 21 561 | 21 556 |

C.R. Apa Bacau S.A. - Annex 1-2

Historical data
2008 2009 2010 2011 2012 2013 2014 2016 2016 2017 2018 2019 2020 2021 2022 2023

Demand "with project" - Moinsd

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2016 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 Domestic customers | | | | | | | | | | | | | | | | |
| 2 Population (registered) | 23,902 | 23,858 | 23,814 | 23,769 | 23,724 | 23,682 | 23,641 | 23,602 | 23,564 | 23,524 | 23,483 | 23,439 | 23,391 | 23,339 | 23,283 | 23,223 |
| 3 Population connected to water supply system | 20,078 | 20,041 | 20,787 | 20,917 | 21,114 | 21,314 | 21,277 | 21,242 | 21,208 | 21,172 | 21,135 | 21,095 | 21,052 | 21,005 | 20,955 | 20,901 |
| 4 Level of connected to water supply system | 84% | 84% | 87% | 88% | 89% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 5 Average water consumption per capita | 88 | 88 | 87 | 86 | 86 | 84 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 6 Domestic water sales (invoiced) | 0.643 | 0.639 | 0.636 | 0.634 | 0.630 | 0.622 | 0.611 | 0.603 | 0.603 | 0.603 | 0.603 | 0.603 | 0.603 | 0.603 | 0.603 | 0.603 |
| 7 Population connected to wastewater system | 16,060 | 16,060 | 16,060 | 17,364 | 18,688 | 19,973 | 21,277 | 21,242 | 21,208 | 21,172 | 21,135 | 21,095 | 21,052 | 21,005 | 20,955 | 20,901 |
| 8 Level of connected to the wastewater system | 67% | 67% | 67% | 73% | 79% | 84% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 9 Average WW volume per domestic consumer | 88 | 88 | 87 | 86 | 86 | 84 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 10 Domestic wastewater (invoiced) | 0.515 | 0.512 | 0.507 | 0.543 | 0.584 | 0.611 | 0.630 | 0.637 | 0.645 | 0.651 | 0.657 | 0.664 | 0.670 | 0.675 | 0.681 | 0.686 |
| 11 Non-domestic customers | | | | | | | | | | | | | | | | |
| 12 Non-domestic water sales (invoiced) | 0.272 | 0.272 | 0.267 | 0.261 | 0.256 | 0.250 | 0.245 | 0.246 | 0.247 | 0.249 | 0.250 | 0.251 | 0.252 | 0.254 | 0.255 | 0.256 |
| 13 Non-domestic wastewater (invoiced) | 0.234 | 0.234 | 0.240 | 0.235 | 0.230 | 0.225 | 0.221 | 0.222 | 0.223 | 0.224 | 0.225 | 0.226 | 0.227 | 0.228 | 0.229 | 0.231 |
| 14 Invoiced quantities | | | | | | | | | | | | | | | | |
| 15 Total water sales (invoiced) | 0.916 | 0.911 | 0.923 | 0.915 | 0.916 | 0.903 | 0.875 | 0.884 | 0.892 | 0.900 | 0.907 | 0.915 | 0.922 | 0.929 | 0.936 | 0.942 |
| 16 Total wastewater (invoiced) | 0.749 | 0.746 | 0.747 | 0.778 | 0.814 | 0.837 | 0.850 | 0.859 | 0.867 | 0.875 | 0.882 | 0.890 | 0.897 | 0.904 | 0.910 | 0.917 |
| 17 Development of water / wastewater sales | | | | | | | | | | | | | | | | |
| 18 Domestic consumption - water | n/a | -0.7% | 2.7% | -0.4% | 0.9% | -1.2% | -3.4% | 1.2% | 1.1% | 1.0% | 1.0% | 1.0% | 0.8% | 0.8% | 0.8% | 0.8% |
| 19 Domestic consumption - wastewater | n/a | -0.5% | -1.0% | 7.0% | 7.5% | 4.7% | 3.0% | 1.2% | 1.1% | 1.0% | 1.0% | 1.0% | 0.8% | 0.8% | 0.8% | 0.8% |
| 20 Non-domestic consumption - water | n/a | 0.0% | -2.0% | -2.0% | -2.1% | -2.2% | -2.2% | -2.2% | -2.2% | -2.2% | -2.2% | -2.2% | -2.2% | -2.2% | -2.2% | -2.2% |
| 21 Non-domestic consumption - wastewater | n/a | 0.0% | 2.6% | -2.0% | -2.1% | -2.1% | -2.1% | -2.1% | -2.1% | -2.1% | -2.1% | -2.1% | -2.1% | -2.1% | -2.1% | -2.1% |
| 22 Total water sales (invoiced) | n/a | -0.5% | 1.3% | -0.5% | 0.1% | -1.4% | -3.1% | 1.0% | 0.9% | 0.9% | 0.9% | 0.9% | 0.8% | 0.8% | 0.8% | 0.8% |
| 23 Total wastewater (invoiced) | n/a | -0.3% | 0.1% | 4.1% | 4.8% | 2.8% | 1.6% | 1.0% | 1.0% | 0.9% | 0.9% | 0.9% | 0.8% | 0.8% | 0.8% | 0.8% |
| 24 Water production / losses | | | | | | | | | | | | | | | | |
| 25 Total water sales (invoiced) | 0.916 | 0.911 | 0.923 | 0.915 | 0.916 | 0.903 | 0.875 | 0.884 | 0.892 | 0.900 | 0.907 | 0.915 | 0.922 | 0.929 | 0.936 | 0.942 |
| 26 Level of losses (as % in total water production) | 51.4% | 51.0% | 51.0% | 50.0% | 48.0% | 46.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% |
| 27 Total water production | 1.885 | 1.884 | 1.884 | 1.830 | 1.761 | 1.672 | 1.562 | 1.578 | 1.593 | 1.607 | 1.620 | 1.634 | 1.647 | 1.659 | 1.671 | 1.683 |
| 28 Wastewater treated quantity | | | | | | | | | | | | | | | | |
| 29 Total wastewater (invoiced) | 0.749 | 0.746 | 0.747 | 0.778 | 0.814 | 0.837 | 0.850 | 0.859 | 0.867 | 0.875 | 0.882 | 0.890 | 0.897 | 0.904 | 0.910 | 0.917 |
| 30 Infiltrations | 0.703 | 0.703 | 0.703 | 0.677 | 0.662 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 |
| 31 Total level of infiltrations (%) | 48.4% | 48.4% | 48.5% | 46.5% | 44.9% | 43.8% | 43.4% | 43.2% | 42.9% | 42.7% | 42.5% | 42.3% | 42.1% | 41.9% | 41.8% | 41.6% |
| 32 Total treated wastewater | 1.451 | 1.449 | 1.450 | 1.455 | 1.476 | 1.488 | 1.503 | 1.511 | 1.520 | 1.527 | 1.535 | 1.542 | 1.549 | 1.556 | 1.563 | 1.569 |

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Demand with project - Moinsed

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|---|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 Domestic customers | | | | | | | | | | | | | | | | |
| 2 Population (recipients) | no | 23 161 | 23 095 | 23 029 | 22 958 | 22 887 | 22 814 | 22 740 | 22 665 | 22 589 | 22 511 | 22 432 | 22 350 | 22 265 | 22 178 | 22 094 |
| 3 Population connected to water supply system | no | 20 845 | 20 786 | 20 725 | 20 662 | 20 598 | 20 533 | 20 466 | 20 399 | 20 330 | 20 260 | 20 189 | 20 115 | 20 039 | 19 960 | 19 882 |
| 4 Level of connected to water supply system | % | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 5 Average water consumption per capita | LCD | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 |
| 6 Domestic water sales (invoiced) | Mill m ³ /year | 0 681 | 0 687 | 0 702 | 0 707 | 0 713 | 0 718 | 0 723 | 0 728 | 0 734 | 0 739 | 0 744 | 0 749 | 0 754 | 0 759 | 0 764 |
| 7 Population connected to wastewater system | no | 20 845 | 20 786 | 20 725 | 20 662 | 20 598 | 20 533 | 20 466 | 20 399 | 20 330 | 20 260 | 20 189 | 20 115 | 20 039 | 19 960 | 19 882 |
| 8 Level of connected to the wastewater system | % | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 9 Average MW volume per domestic consumer | LCD | 91 | 90 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 |
| 10 Domestic wastewater (invoiced) | Mill m ³ /year | 0 681 | 0 687 | 0 702 | 0 707 | 0 713 | 0 718 | 0 723 | 0 728 | 0 734 | 0 739 | 0 744 | 0 749 | 0 754 | 0 759 | 0 764 |
| 11 Non-domestic customers | | | | | | | | | | | | | | | | |
| 12 Non-domestic water sales (invoiced) | Mill m ³ /year | 0 258 | 0 259 | 0 260 | 0 261 | 0 263 | 0 264 | 0 265 | 0 267 | 0 268 | 0 269 | 0 271 | 0 272 | 0 273 | 0 275 | 0 276 |
| 13 Non-domestic wastewater (invoiced) | Mill m ³ /year | 0 232 | 0 233 | 0 234 | 0 235 | 0 236 | 0 238 | 0 239 | 0 240 | 0 241 | 0 242 | 0 244 | 0 245 | 0 246 | 0 247 | 0 249 |
| 14 Invoiced quantities | | | | | | | | | | | | | | | | |
| 15 Total water sales (invoiced) | Mill m ³ /year | 0 949 | 0 966 | 0 962 | 0 969 | 0 975 | 0 982 | 0 988 | 0 995 | 1 002 | 1 008 | 1 015 | 1 021 | 1 027 | 1 034 | 1 040 |
| 16 Total wastewater (invoiced) | Mill m ³ /year | 0 923 | 0 930 | 0 936 | 0 943 | 0 949 | 0 955 | 0 962 | 0 968 | 0 975 | 0 981 | 0 988 | 0 994 | 1 000 | 1 006 | 1 013 |
| 17 Development of water / wastewater sales | | | | | | | | | | | | | | | | |
| 18 Domestic consumption - water | % change | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | -0.4% |
| 19 Domestic consumption - wastewater | % change | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | -0.4% |
| 20 Non-domestic consumption - water | % change | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% |
| 21 Non-domestic consumption - wastewater | % change | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% |
| 22 Total water sales (invoiced) | % change | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.6% | 0.6% | 0.6% | 0.6% | -0.2% |
| 23 Total wastewater (invoiced) | % change | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.6% | 0.6% | 0.6% | 0.6% | -0.2% |
| 24 Water production / losses | | | | | | | | | | | | | | | | |
| 25 Total water sales (invoiced) | Mill m ³ /year | 0 949 | 0 956 | 0 962 | 0 969 | 0 975 | 0 982 | 0 988 | 0 995 | 1 002 | 1 008 | 1 015 | 1 021 | 1 027 | 1 034 | 1 040 |
| 26 Level of losses (as % in total water production) | % | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% |
| 27 Total water production | Mill m ³ /year | 1 895 | 1 706 | 1 718 | 1 730 | 1 742 | 1 753 | 1 765 | 1 777 | 1 789 | 1 800 | 1 812 | 1 823 | 1 835 | 1 846 | 1 858 |
| 28 Wastewater treated quantity | | | | | | | | | | | | | | | | |
| 29 Total wastewater (invoiced) | Mill m ³ /year | 0 923 | 0 930 | 0 936 | 0 943 | 0 949 | 0 955 | 0 962 | 0 968 | 0 975 | 0 981 | 0 988 | 0 994 | 1 000 | 1 006 | 1 013 |
| 30 Infiltrations | Mill m ³ /year | 0 652 | 0 652 | 0 652 | 0 652 | 0 652 | 0 652 | 0 652 | 0 652 | 0 652 | 0 652 | 0 652 | 0 652 | 0 652 | 0 652 | 0 652 |
| 31 Total level of indications (%) | % | 41.4% | 41.2% | 41.1% | 40.9% | 40.7% | 40.6% | 40.4% | 40.3% | 40.1% | 39.9% | 39.8% | 39.6% | 39.5% | 39.3% | 39.2% |
| 32 Total treated wastewater | Mill m ³ /year | 1 576 | 1 582 | 1 589 | 1 595 | 1 601 | 1 608 | 1 614 | 1 621 | 1 627 | 1 634 | 1 640 | 1 646 | 1 652 | 1 659 | 1 665 |

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Historical data >>> Projection >>>

| 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Demand "without project" - Moines

| | | | | | | | | | | | | | | | | |
|----|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 | Domestic customers | | | | | | | | | | | | | | | |
| 2 | Population (registered) | 23,902 | 23,858 | 23,814 | 23,768 | 23,724 | 23,682 | 23,641 | 23,602 | 23,564 | 23,524 | 23,483 | 23,439 | 23,399 | 23,358 | 23,283 |
| 3 | Population connected to water supply system | 20,078 | 20,041 | 20,004 | 19,968 | 19,932 | 19,893 | 19,858 | 19,826 | 19,794 | 19,760 | 19,726 | 19,689 | 19,648 | 19,605 | 19,558 |
| 4 | Level of connected to water supply system | 84% | 84% | 84% | 84% | 84% | 84% | 84% | 84% | 84% | 84% | 84% | 84% | 84% | 84% | 84% |
| 5 | Average water consumption per capita | 88 | 87 | 86 | 85 | 84 | 83 | 82 | 81 | 80 | 79 | 78 | 77 | 76 | 75 | 74 |
| 6 | Domestic water sales (invoiced) | 0.643 | 0.639 | 0.628 | 0.618 | 0.615 | 0.608 | 0.607 | 0.601 | 0.601 | 0.607 | 0.612 | 0.619 | 0.624 | 0.629 | 0.634 |
| 7 | Population connected to wastewater system | 18,060 | 18,030 | 18,000 | 18,000 | 18,000 | 18,000 | 18,000 | 18,000 | 18,000 | 18,000 | 18,000 | 18,000 | 18,000 | 18,000 | 18,000 |
| 8 | Level of connected to the wastewater system | 67% | 67% | 67% | 67% | 67% | 67% | 67% | 67% | 67% | 67% | 67% | 67% | 67% | 67% | 67% |
| 9 | Average WW volume per domestic consumer | 88 | 87 | 86 | 85 | 84 | 83 | 82 | 81 | 80 | 79 | 78 | 77 | 76 | 75 | 74 |
| 10 | Domestic wastewater (invoiced) | 0.515 | 0.512 | 0.503 | 0.495 | 0.494 | 0.487 | 0.470 | 0.476 | 0.481 | 0.486 | 0.481 | 0.496 | 0.500 | 0.504 | 0.512 |
| 11 | Non-domestic customers | | | | | | | | | | | | | | | |
| 12 | Non-domestic water sales (invoiced) | 0.272 | 0.272 | 0.267 | 0.263 | 0.257 | 0.252 | 0.245 | 0.246 | 0.246 | 0.246 | 0.247 | 0.247 | 0.248 | 0.248 | 0.249 |
| 13 | Non-domestic wastewater (invoiced) | 0.234 | 0.234 | 0.240 | 0.236 | 0.231 | 0.227 | 0.221 | 0.221 | 0.221 | 0.222 | 0.222 | 0.223 | 0.223 | 0.224 | 0.225 |
| 14 | Invoiced quantities | | | | | | | | | | | | | | | |
| 15 | Total water sales (invoiced) | 0.916 | 0.911 | 0.895 | 0.880 | 0.874 | 0.859 | 0.832 | 0.839 | 0.847 | 0.853 | 0.859 | 0.866 | 0.872 | 0.878 | 0.889 |
| 16 | Total wastewater (invoiced) | 0.749 | 0.746 | 0.744 | 0.731 | 0.725 | 0.714 | 0.691 | 0.697 | 0.703 | 0.708 | 0.713 | 0.719 | 0.723 | 0.728 | 0.737 |
| 17 | Development of water / wastewater sales | | | | | | | | | | | | | | | |
| 18 | Domestic consumption - water | n/a | -0.7% | -1.7% | -1.7% | -0.2% | -1.4% | -3.4% | 1.2% | 1.1% | 1.0% | 1.0% | 1.0% | 0.8% | 0.8% | 0.8% |
| 19 | Domestic consumption - wastewater | n/a | -0.5% | -1.7% | -1.7% | -0.2% | -1.4% | -3.4% | 1.2% | 1.1% | 1.0% | 1.0% | 1.0% | 0.8% | 0.8% | 0.8% |
| 20 | Non-domestic consumption - water | n/a | 0.0% | -2.0% | -1.6% | -2.1% | -2.1% | -2.7% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% |
| 21 | Non-domestic consumption - wastewater | n/a | 0.0% | 2.6% | -1.6% | -2.1% | -2.1% | -2.7% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% |
| 22 | Total water sales (invoiced) | n/a | -0.5% | -1.8% | -1.7% | -0.8% | -1.6% | -3.2% | 0.9% | 0.8% | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.6% |
| 23 | Total wastewater (invoiced) | n/a | -0.3% | -0.3% | -1.7% | -0.8% | -1.6% | -3.2% | 0.9% | 0.8% | 0.8% | 0.7% | 0.8% | 0.8% | 0.8% | 0.6% |
| 24 | Water production / losses | | | | | | | | | | | | | | | |
| 25 | Total water sales (invoiced) | 0.916 | 0.911 | 0.895 | 0.880 | 0.874 | 0.859 | 0.832 | 0.839 | 0.847 | 0.853 | 0.859 | 0.866 | 0.872 | 0.878 | 0.889 |
| 26 | Level of losses (as % in total water production) | 51.4% | 51.0% | 51.0% | 50.0% | 49.0% | 46.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% |
| 27 | Total water production | 1.585 | 1.580 | 1.527 | 1.760 | 1.660 | 1.591 | 1.488 | 1.499 | 1.512 | 1.523 | 1.535 | 1.547 | 1.567 | 1.577 | 1.587 |
| 28 | Wastewater treated quantity | | | | | | | | | | | | | | | |
| 29 | Total wastewater (invoiced) | 0.749 | 0.746 | 0.744 | 0.731 | 0.725 | 0.714 | 0.691 | 0.697 | 0.703 | 0.708 | 0.713 | 0.719 | 0.723 | 0.728 | 0.737 |
| 30 | Infiltrations | 0.703 | 0.703 | 0.703 | 0.677 | 0.662 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 |
| 31 | Total level of infiltrations (%) | 48.4% | 48.5% | 48.6% | 48.1% | 47.7% | 47.8% | 48.6% | 48.3% | 48.1% | 48.0% | 47.8% | 47.6% | 47.3% | 47.1% | 47.0% |
| 32 | Total treated wastewater | 1.451 | 1.449 | 1.446 | 1.409 | 1.368 | 1.368 | 1.343 | 1.349 | 1.355 | 1.360 | 1.365 | 1.371 | 1.376 | 1.380 | 1.389 |

C.R. Apa Bacau S.A. - Annex 1-2

Demand "without project" - Moinessi

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 Domestic customers | | | | | | | | | | | | | | | | |
| 2 Population (registered) | 23 161 | 23 095 | 23 029 | 22 963 | 22 897 | 22 814 | 22 740 | 22 665 | 22 589 | 22 511 | 22 432 | 22 350 | 22 265 | 22 178 | 22 094 | 22 007 |
| 3 Population connected to water supply system | 19 455 | 19 400 | 19 344 | 19 285 | 19 225 | 19 164 | 19 102 | 19 039 | 18 975 | 18 909 | 18 843 | 18 774 | 18 703 | 18 630 | 18 559 | 18 486 |
| 4 Level of connected to water supply system | 84% | 84% | 84% | 84% | 84% | 84% | 84% | 84% | 84% | 84% | 84% | 84% | 84% | 84% | 84% | 84% |
| 5 Average water consumption per capita | 91 | 92 | 93 | 94 | 95 | 95 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 105 |
| 6 Domestic water sales (invoiced) | 0.644 | 0.649 | 0.654 | 0.659 | 0.664 | 0.669 | 0.674 | 0.679 | 0.683 | 0.688 | 0.693 | 0.698 | 0.703 | 0.707 | 0.712 | 0.709 |
| 7 Population connected to wastewater system | 15 591 | 15 546 | 15 501 | 15 454 | 15 406 | 15 357 | 15 307 | 15 255 | 15 208 | 15 153 | 15 100 | 15 045 | 14 988 | 14 929 | 14 872 | 14 814 |
| 8 Level of connected to the wastewater system | 67% | 67% | 67% | 67% | 67% | 67% | 67% | 67% | 67% | 67% | 67% | 67% | 67% | 67% | 67% | 67% |
| 9 Average WWV volume per domestic consumer | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 105 |
| 10 Domestic wastewater (invoiced) | 0.516 | 0.520 | 0.524 | 0.528 | 0.532 | 0.536 | 0.540 | 0.544 | 0.548 | 0.552 | 0.555 | 0.559 | 0.563 | 0.567 | 0.571 | 0.568 |
| 11 Non-domestic customers | | | | | | | | | | | | | | | | |
| 12 Non-domestic water sales (invoiced) | 0.250 | 0.250 | 0.251 | 0.251 | 0.252 | 0.252 | 0.253 | 0.253 | 0.254 | 0.255 | 0.255 | 0.256 | 0.256 | 0.257 | 0.257 | 0.258 |
| 13 Non-domestic wastewater (invoiced) | 0.225 | 0.225 | 0.226 | 0.226 | 0.227 | 0.227 | 0.228 | 0.228 | 0.229 | 0.229 | 0.230 | 0.230 | 0.230 | 0.231 | 0.231 | 0.232 |
| 14 Invoiced quantities | | | | | | | | | | | | | | | | |
| 15 Total water sales (invoiced) | 0.894 | 0.900 | 0.905 | 0.911 | 0.916 | 0.921 | 0.927 | 0.932 | 0.937 | 0.943 | 0.948 | 0.953 | 0.959 | 0.964 | 0.969 | 0.967 |
| 16 Total wastewater (invoiced) | 0.741 | 0.746 | 0.750 | 0.755 | 0.759 | 0.763 | 0.768 | 0.772 | 0.776 | 0.781 | 0.785 | 0.789 | 0.793 | 0.798 | 0.802 | 0.800 |
| 17 Development of water / wastewater sales | | | | | | | | | | | | | | | | |
| 18 Domestic consumption - water | 0.6% | 0.6% | 0.6% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | -0.4% |
| 19 Domestic consumption - wastewater | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | -0.4% |
| 20 Non-domestic consumption - water | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% |
| 21 Non-domestic consumption - wastewater | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% |
| 22 Total water sales (invoiced) | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.5% | -0.2% |
| 23 Total wastewater (invoiced) | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.5% | 0.5% | -0.2% |
| 24 Water production / losses | | | | | | | | | | | | | | | | |
| 25 Total water sales (invoiced) | 0.894 | 0.900 | 0.905 | 0.911 | 0.916 | 0.921 | 0.927 | 0.932 | 0.937 | 0.943 | 0.948 | 0.953 | 0.959 | 0.964 | 0.969 | 0.967 |
| 26 Level of losses (as % in total water production) | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% | 44.0% |
| 27 Total water production | 1.597 | 1.607 | 1.616 | 1.626 | 1.636 | 1.645 | 1.655 | 1.664 | 1.674 | 1.684 | 1.693 | 1.703 | 1.712 | 1.721 | 1.730 | 1.728 |
| 28 Wastewater treated quantity | | | | | | | | | | | | | | | | |
| 29 Total wastewater (invoiced) | 0.741 | 0.746 | 0.750 | 0.755 | 0.759 | 0.763 | 0.768 | 0.772 | 0.776 | 0.781 | 0.785 | 0.789 | 0.793 | 0.798 | 0.802 | 0.800 |
| 30 Infiltrations | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 | 0.652 |
| 31 Total level of infiltrations (%) | 46.8% | 46.7% | 46.5% | 46.3% | 46.2% | 46.1% | 45.9% | 45.8% | 45.7% | 45.5% | 45.4% | 45.3% | 45.1% | 45.0% | 44.9% | 44.9% |
| 32 Total treated wastewater | 1.394 | 1.388 | 1.402 | 1.407 | 1.411 | 1.416 | 1.420 | 1.424 | 1.429 | 1.433 | 1.437 | 1.442 | 1.446 | 1.450 | 1.454 | 1.453 |

C.R. Apa Bacau S.A. - Annex 1-2

Historical data
2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023

►►►►► Projection ►►►►►

Demand "with project"- Buhusi

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 Domestic customers | | | | | | | | | | | | | | | | |
| 2 Population (registered) | 19,644 | 19,607 | 19,571 | 19,534 | 19,497 | 19,463 | 19,429 | 19,397 | 19,365 | 19,333 | 19,299 | 19,263 | 19,223 | 19,180 | 19,134 | 19,086 |
| 3 Population connected to water supply system | 18,897 | 18,668 | 18,635 | 18,985 | 17,157 | 17,516 | 17,486 | 17,457 | 17,429 | 17,400 | 17,370 | 17,337 | 17,300 | 17,262 | 17,221 | 17,177 |
| 4 Level of connected to water supply system | 85% | 85% | 85% | 87% | 88% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 5 Average water consumption per capita | 47 | 45 | 46 | 55 | 64 | 73 | 82 | 83 | 84 | 86 | 86 | 87 | 88 | 89 | 90 | 91 |
| 6 Domestic water sales (invoiced) | 0.286 | 0.276 | 0.279 | 0.341 | 0.401 | 0.467 | 0.523 | 0.530 | 0.536 | 0.541 | 0.546 | 0.552 | 0.556 | 0.561 | 0.566 | 0.570 |
| 7 Population connected to wastewater system | 10,700 | 10,700 | 10,700 | 12,397 | 14,093 | 15,790 | 17,486 | 17,457 | 17,429 | 17,400 | 17,370 | 17,337 | 17,300 | 17,262 | 17,221 | 17,177 |
| 8 Level of connected to the wastewater system | 54% | 55% | 55% | 63% | 72% | 81% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 9 Average WW volume per domestic consumer | 47 | 45 | 46 | 55 | 64 | 73 | 82 | 83 | 84 | 86 | 86 | 87 | 88 | 89 | 90 | 91 |
| 10 Domestic wastewater (invoiced) | 0.184 | 0.177 | 0.180 | 0.249 | 0.329 | 0.421 | 0.523 | 0.530 | 0.536 | 0.541 | 0.546 | 0.552 | 0.556 | 0.561 | 0.566 | 0.570 |
| 11 Non-domestic customers | | | | | | | | | | | | | | | | |
| 12 Non-domestic water sales (invoiced) | 0.047 | 0.089 | 0.087 | 0.085 | 0.084 | 0.082 | 0.080 | 0.081 | 0.082 | 0.083 | 0.084 | 0.085 | 0.085 | 0.086 | 0.087 | 0.086 |
| 13 Non-domestic wastewater (invoiced) | 0.348 | 0.348 | 0.341 | 0.304 | 0.328 | 0.321 | 0.315 | 0.318 | 0.321 | 0.324 | 0.327 | 0.331 | 0.334 | 0.337 | 0.341 | 0.344 |
| 14 Invoiced quantities | | | | | | | | | | | | | | | | |
| 15 Total water sales (invoiced) | 0.334 | 0.365 | 0.367 | 0.427 | 0.485 | 0.549 | 0.604 | 0.611 | 0.618 | 0.624 | 0.630 | 0.636 | 0.642 | 0.647 | 0.653 | 0.658 |
| 16 Total wastewater (invoiced) | 0.532 | 0.525 | 0.521 | 0.583 | 0.657 | 0.742 | 0.838 | 0.847 | 0.856 | 0.865 | 0.874 | 0.882 | 0.890 | 0.898 | 0.906 | 0.914 |
| 17 Development of water / wastewater sales | | | | | | | | | | | | | | | | |
| 18 Domestic consumption - water | n/a | -3.6% | 1.2% | 22.2% | 17.5% | 16.4% | 12.1% | 1.2% | 1.1% | 1.0% | 1.0% | 1.0% | 0.8% | 0.8% | 0.8% | 0.8% |
| 19 Domestic consumption - wastewater | n/a | -3.4% | 1.4% | 38.5% | 32.3% | 27.8% | 24.4% | 1.2% | 1.1% | 1.0% | 1.0% | 1.0% | 0.8% | 0.8% | 0.8% | 0.8% |
| 20 Non-domestic consumption - water | n/a | 88.7% | -2.0% | -2.0% | -2.0% | -2.0% | -2.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% |
| 21 Non-domestic consumption - wastewater | n/a | 0.0% | -2.0% | -2.0% | -2.0% | -2.0% | -2.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 0.8% | 0.8% | 0.8% | 0.8% |
| 22 Total water sales (invoiced) | n/a | 9.4% | 0.4% | 16.4% | 13.3% | 13.3% | 10.0% | 1.2% | 1.1% | 1.0% | 1.0% | 1.0% | 0.8% | 0.8% | 0.8% | 0.8% |
| 23 Total wastewater (invoiced) | n/a | -1.2% | -0.9% | 12.0% | 12.8% | 12.8% | 13.0% | 1.1% | 1.1% | 1.0% | 1.0% | 1.0% | 0.8% | 0.8% | 0.8% | 0.8% |
| 24 Water production / losses | | | | | | | | | | | | | | | | |
| 25 Total water sales (invoiced) | 0.334 | 0.365 | 0.367 | 0.427 | 0.485 | 0.549 | 0.604 | 0.611 | 0.618 | 0.624 | 0.630 | 0.636 | 0.642 | 0.647 | 0.653 | 0.658 |
| 26 Level of losses (as % in total water production) | 50.0% | 50.0% | 50.0% | 49.0% | 47.0% | 46.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% |
| 27 Total water production | 0.667 | 0.730 | 0.733 | 0.837 | 0.914 | 1.016 | 1.098 | 1.111 | 1.123 | 1.134 | 1.145 | 1.157 | 1.167 | 1.177 | 1.187 | 1.197 |
| 28 Wastewater treated quantity | | | | | | | | | | | | | | | | |
| 29 Total wastewater (invoiced) | 0.532 | 0.525 | 0.521 | 0.583 | 0.657 | 0.742 | 0.838 | 0.847 | 0.856 | 0.865 | 0.874 | 0.882 | 0.890 | 0.898 | 0.906 | 0.914 |
| 30 Infiltrations | 0.077 | 0.077 | 0.077 | 0.077 | 0.077 | 0.077 | 0.077 | 0.077 | 0.077 | 0.077 | 0.077 | 0.077 | 0.077 | 0.077 | 0.077 | 0.077 |
| 31 Total level of infiltrations (%) | 12.7% | 12.8% | 12.9% | 11.7% | 10.8% | 9.4% | 8.5% | 8.4% | 8.3% | 8.2% | 8.1% | 8.1% | 8.0% | 7.9% | 7.9% | 7.8% |
| 32 Total treated wastewater | 0.609 | 0.603 | 0.588 | 0.661 | 0.734 | 0.816 | 0.915 | 0.925 | 0.934 | 0.942 | 0.951 | 0.960 | 0.968 | 0.976 | 0.984 | 0.992 |

C.R.Apa Bacau SA - Annex 12

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Demand "with project" - Buhusi

| | | | | | | | | | | | | | | | | | |
|----|--|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 | Domestic customers | | | | | | | | | | | | | | | | |
| 2 | Population (registered) | no. | 19 034 | 18 981 | 18 925 | 18 869 | 18 750 | 18 669 | 18 627 | 18 564 | 18 501 | 18 435 | 18 367 | 18 298 | 18 227 | 18 155 | 18 084 |
| 3 | Population connected to water supply system | no. | 17 131 | 17 083 | 17 032 | 16 981 | 16 875 | 16 820 | 16 764 | 16 708 | 16 651 | 16 592 | 16 531 | 16 469 | 16 404 | 16 340 | 16 276 |
| 4 | Level of connected to water supply system | % | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 5 | Average water consumption per capita | LCD | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 106 |
| 6 | Domestic water sales (invoiced) | Mil m ³ /year | 0 575 | 0 579 | 0 583 | 0 588 | 0 596 | 0 601 | 0 605 | 0 609 | 0 614 | 0 618 | 0 622 | 0 627 | 0 631 | 0 635 | 0 632 |
| 7 | Population connected to wastewater system | no. | 17 131 | 17 083 | 17 032 | 16 981 | 16 875 | 16 820 | 16 764 | 16 708 | 16 651 | 16 592 | 16 531 | 16 469 | 16 404 | 16 340 | 16 276 |
| 8 | Level of connected to the wastewater system | % | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 9 | Average WWV volume per domestic consumer | LCD | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 106 |
| 10 | Domestic wastewater (invoiced) | Mil m ³ /year | 0 575 | 0 579 | 0 583 | 0 588 | 0 596 | 0 601 | 0 605 | 0 609 | 0 614 | 0 618 | 0 622 | 0 627 | 0 631 | 0 635 | 0 632 |
| 11 | Non-domestic customers | | | | | | | | | | | | | | | | |
| 12 | Non-domestic water sales (invoiced) | Mil m ³ /year | 0 089 | 0 090 | 0 091 | 0 092 | 0 093 | 0 094 | 0 095 | 0 096 | 0 097 | 0 098 | 0 099 | 0 100 | 0 101 | 0 102 | 0 103 |
| 13 | Non-domestic wastewater (invoiced) | Mil m ³ /year | 0 348 | 0 351 | 0 355 | 0 358 | 0 362 | 0 369 | 0 373 | 0 376 | 0 380 | 0 384 | 0 388 | 0 392 | 0 396 | 0 399 | 0 403 |
| 14 | Invoiced quantities | | | | | | | | | | | | | | | | |
| 15 | Total water sales (invoiced) | Mil m ³ /year | 0 663 | 0 669 | 0 674 | 0 679 | 0 685 | 0 690 | 0 700 | 0 706 | 0 711 | 0 716 | 0 721 | 0 727 | 0 732 | 0 737 | 0 736 |
| 16 | Total wastewater (invoiced) | Mil m ³ /year | 0 922 | 0 930 | 0 938 | 0 946 | 0 954 | 0 962 | 0 978 | 0 986 | 0 994 | 1 002 | 1 010 | 1 018 | 1 026 | 1 034 | 1 036 |
| 17 | Development of water / wastewater sales | | | | | | | | | | | | | | | | |
| 18 | Domestic consumption - water | % change | 0 8% | 0 8% | 0 8% | 0 8% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | -0 4% |
| 19 | Domestic consumption - wastewater | % change | 0 8% | 0 8% | 0 8% | 0 8% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | -0 4% |
| 20 | Non-domestic consumption - water | % change | 1 0% | 1 0% | 1 0% | 1 0% | 1 0% | 1 0% | 1 0% | 1 0% | 1 0% | 1 0% | 1 0% | 1 0% | 1 0% | 1 0% | 1 0% |
| 21 | Non-domestic consumption - wastewater | % change | 1 0% | 1 0% | 1 0% | 1 0% | 1 0% | 1 0% | 1 0% | 1 0% | 1 0% | 1 0% | 1 0% | 1 0% | 1 0% | 1 0% | 1 0% |
| 22 | Total water sales (invoiced) | % change | 0 8% | 0 8% | 0 8% | 0 8% | 0 8% | 0 8% | 0 8% | 0 8% | 0 8% | 0 8% | 0 8% | 0 8% | 0 8% | 0 8% | 0 8% |
| 23 | Total wastewater (invoiced) | % change | 0 9% | 0 9% | 0 9% | 0 9% | 0 9% | 0 9% | 0 9% | 0 9% | 0 9% | 0 9% | 0 9% | 0 9% | 0 9% | 0 9% | 0 9% |
| 24 | Water production / losses | | | | | | | | | | | | | | | | |
| 25 | Total water sales (invoiced) | Mil m ³ /year | 0 663 | 0 669 | 0 674 | 0 679 | 0 685 | 0 690 | 0 700 | 0 706 | 0 711 | 0 716 | 0 721 | 0 727 | 0 732 | 0 737 | 0 736 |
| 26 | Level of losses (as % in total water production) | % | 45 0% | 45 0% | 45 0% | 45 0% | 45 0% | 45 0% | 45 0% | 45 0% | 45 0% | 45 0% | 45 0% | 45 0% | 45 0% | 45 0% | 45 0% |
| 27 | Total water production | Mil m ³ /year | 1 206 | 1 216 | 1 228 | 1 235 | 1 245 | 1 254 | 1 274 | 1 283 | 1 293 | 1 302 | 1 312 | 1 321 | 1 331 | 1 340 | 1 337 |
| 28 | Wastewater treated quantity | | | | | | | | | | | | | | | | |
| 29 | Total wastewater (invoiced) | Mil m ³ /year | 0 922 | 0 930 | 0 938 | 0 946 | 0 954 | 0 962 | 0 978 | 0 986 | 0 994 | 1 002 | 1 010 | 1 018 | 1 026 | 1 034 | 1 036 |
| 30 | Infiltrations | Mil m ³ /year | 0 077 | 0 077 | 0 077 | 0 077 | 0 077 | 0 077 | 0 077 | 0 077 | 0 077 | 0 077 | 0 077 | 0 077 | 0 077 | 0 077 | 0 077 |
| 31 | Total level of infiltrations (%) | % | 7 7% | 7 7% | 7 6% | 7 6% | 7 5% | 7 4% | 7 3% | 7 3% | 7 2% | 7 2% | 7 1% | 7 1% | 7 0% | 7 0% | 7 0% |
| 32 | Total treated wastewater | Mil m ³ /year | 0 899 | 1 007 | 1 015 | 1 023 | 1 031 | 1 047 | 1 055 | 1 063 | 1 071 | 1 079 | 1 087 | 1 096 | 1 104 | 1 112 | 1 113 |

C.R. Apa Bacau S.A. - Annex 1-2

Demand "without project" - Buhuzi

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|---|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Domestic customers | | | | | | | | | | | | | | | | |
| 1 Population (registered) | no. | 19 034 | 18 961 | 18 925 | 18 868 | 18 809 | 18 750 | 18 689 | 18 627 | 18 564 | 18 501 | 18 435 | 18 367 | 18 299 | 18 227 | 18 155 |
| 2 Population connected to water supply system | no. | 15 179 | 15 134 | 15 086 | 15 038 | 14 988 | 14 937 | 14 886 | 14 833 | 14 779 | 14 726 | 14 670 | 14 612 | 14 554 | 14 493 | 14 432 |
| 3 Level of connected to water supply system | % | 85% | 85% | 85% | 85% | 85% | 85% | 85% | 85% | 85% | 85% | 85% | 85% | 85% | 85% | 85% |
| 4 Average water consumption per capita | LCD | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 |
| 5 Domestic water sales (invoiced) | Mil m ³ /year | 0 463 | 0 467 | 0 470 | 0 474 | 0 477 | 0 481 | 0 484 | 0 488 | 0 491 | 0 495 | 0 498 | 0 502 | 0 505 | 0 508 | 0 510 |
| 6 Population connected to wastewater system | no. | 10 387 | 10 358 | 10 328 | 10 297 | 10 264 | 10 232 | 10 199 | 10 165 | 10 131 | 10 096 | 10 060 | 10 023 | 9 986 | 9 947 | 9 909 |
| 7 Level of connected to the wastewater system | % | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% |
| 8 Average WW volume per domestic consumer | LCD | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 |
| 9 Domestic wastewater (invoiced) | Mil m ³ /year | 0 297 | 0 300 | 0 302 | 0 304 | 0 306 | 0 309 | 0 311 | 0 313 | 0 315 | 0 318 | 0 320 | 0 322 | 0 324 | 0 326 | 0 327 |
| Non-domestic customers | | | | | | | | | | | | | | | | |
| 11 Non-domestic water sales (invoiced) | Mil m ³ /year | 0 0821 | 0 0822 | 0 0824 | 0 0826 | 0 0827 | 0 0829 | 0 0831 | 0 0832 | 0 0834 | 0 0836 | 0 0837 | 0 0839 | 0 0841 | 0 0842 | 0 0844 |
| 12 Non-domestic wastewater (invoiced) | Mil m ³ /year | 0 3210 | 0 3216 | 0 3222 | 0 3228 | 0 3235 | 0 3242 | 0 3248 | 0 3255 | 0 3261 | 0 3268 | 0 3274 | 0 3281 | 0 3287 | 0 3294 | 0 3301 |
| Invoiced quantities | | | | | | | | | | | | | | | | |
| 14 Total water sales (invoiced) | Mil m ³ /year | 0 545 | 0 549 | 0 553 | 0 556 | 0 560 | 0 564 | 0 567 | 0 571 | 0 575 | 0 578 | 0 582 | 0 586 | 0 589 | 0 593 | 0 596 |
| 15 Total wastewater (invoiced) | Mil m ³ /year | 0 618 | 0 621 | 0 624 | 0 627 | 0 630 | 0 633 | 0 636 | 0 639 | 0 642 | 0 646 | 0 647 | 0 650 | 0 653 | 0 656 | 0 659 |
| Development of water / wastewater sales | | | | | | | | | | | | | | | | |
| 17 Domestic consumption - water | % change | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% |
| 18 Domestic consumption - wastewater | % change | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% |
| 19 Non-domestic consumption - water | % change | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% |
| 20 Non-domestic consumption - wastewater | % change | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% |
| 21 Total water sales (invoiced) | % change | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% |
| 22 Total wastewater (invoiced) | % change | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% |
| Water production / losses | | | | | | | | | | | | | | | | |
| 24 Total water sales (invoiced) | Mil m ³ /year | 0 545 | 0 549 | 0 553 | 0 556 | 0 560 | 0 564 | 0 567 | 0 571 | 0 575 | 0 578 | 0 582 | 0 586 | 0 589 | 0 593 | 0 596 |
| 25 Level of losses (as % in total water production) | % | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% |
| 26 Total water production | Mil m ³ /year | 0 991 | 0 998 | 1 005 | 1 012 | 1 018 | 1 025 | 1 032 | 1 038 | 1 045 | 1 052 | 1 058 | 1 065 | 1 071 | 1 078 | 1 084 |
| Wastewater treated quantity | | | | | | | | | | | | | | | | |
| 28 Total wastewater (invoiced) | Mil m ³ /year | 0 618 | 0 621 | 0 624 | 0 627 | 0 630 | 0 633 | 0 636 | 0 639 | 0 642 | 0 646 | 0 647 | 0 650 | 0 653 | 0 656 | 0 659 |
| 29 Infiltrations | Mil m ³ /year | 0 191 | 0 191 | 0 191 | 0 191 | 0 191 | 0 191 | 0 191 | 0 191 | 0 191 | 0 191 | 0 191 | 0 191 | 0 191 | 0 191 | 0 191 |
| 30 Total level of infiltrations (%) | % | 23.6% | 23.5% | 23.4% | 23.3% | 23.3% | 23.2% | 23.1% | 23.0% | 22.9% | 22.8% | 22.8% | 22.7% | 22.6% | 22.5% | 22.5% |
| 31 Total treated wastewater | Mil m ³ /year | 0 209 | 0 212 | 0 215 | 0 218 | 0 221 | 0 224 | 0 227 | 0 230 | 0 233 | 0 235 | 0 238 | 0 241 | 0 244 | 0 247 | 0 249 |

C.R. Apa Bacau S.A. - Annex 1-2

Demand "with project" - Damanești

| | | Historical data | | | | | | | | | | | Projection | | | | |
|----|--|-----------------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|------------|--------|--------|--------|--------|
| | | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
| 1 | Domestic customers | | | | | | | | | | | | | | | | |
| 2 | Population (registered) | 11 508 | 11 487 | 11 465 | 11 444 | 11 422 | 11 402 | 11 382 | 11 364 | 11 345 | 11 326 | 11 306 | 11 285 | 11 262 | 11 237 | 11 210 | 11 181 |
| 3 | Population connected to water supply system | 10 357 | 10 338 | 10 319 | 10 298 | 10 280 | 10 262 | 10 244 | 10 227 | 10 211 | 10 193 | 10 175 | 10 158 | 10 135 | 10 113 | 10 089 | 10 063 |
| 4 | Level of connected to water supply system | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 5 | Average water consumption per capita | 61 | 59 | 61 | 67 | 72 | 78 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 |
| 6 | Domestic water sales (invoiced) | 0 231 | 0 222 | 0 230 | 0 250 | 0 270 | 0 290 | 0 310 | 0 314 | 0 318 | 0 321 | 0 324 | 0 327 | 0 330 | 0 333 | 0 335 | 0 338 |
| 7 | Population connected to wastewater system | 115 | 115 | 115 | 2 561 | 5 122 | 7 683 | 10 244 | 10 227 | 10 211 | 10 193 | 10 175 | 10 158 | 10 135 | 10 113 | 10 089 | 10 063 |
| 8 | Level of connected to the wastewater system | 1% | 1% | 1% | 22% | 45% | 67% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 9 | Average WWV volume per domestic consumer | 61 | 59 | 61 | 67 | 72 | 78 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 |
| 10 | Domestic wastewater (invoiced) | 0 003 | 0 002 | 0 003 | 0 062 | 0 135 | 0 217 | 0 310 | 0 314 | 0 318 | 0 321 | 0 324 | 0 327 | 0 330 | 0 333 | 0 335 | 0 338 |
| 11 | Non-domestic customers | | | | | | | | | | | | | | | | |
| 12 | Non-domestic water sales (invoiced) | 0 0468 | 0 0468 | 0 0469 | 0 0470 | 0 0471 | 0 0472 | 0 0473 | 0 0474 | 0 0475 | 0 0476 | 0 0477 | 0 0477 | 0 0478 | 0 0479 | 0 0480 | 0 0481 |
| 13 | Non-domestic wastewater (invoiced) | 0 0000 | 0 0000 | 0 0000 | 0 0423 | 0 0424 | 0 0425 | 0 0426 | 0 0427 | 0 0427 | 0 0428 | 0 0428 | 0 0430 | 0 0431 | 0 0431 | 0 0432 | 0 0433 |
| 14 | Invoiced quantities | | | | | | | | | | | | | | | | |
| 15 | Total water sales (invoiced) | 0 278 | 0 269 | 0 277 | 0 297 | 0 317 | 0 337 | 0 358 | 0 361 | 0 365 | 0 368 | 0 372 | 0 375 | 0 378 | 0 381 | 0 383 | 0 386 |
| 16 | Total wastewater (invoiced) | 0 003 | 0 002 | 0 003 | 0 104 | 0 177 | 0 260 | 0 353 | 0 357 | 0 360 | 0 364 | 0 367 | 0 370 | 0 373 | 0 376 | 0 379 | 0 381 |
| 17 | Development of water / wastewater sales | | | | | | | | | | | | | | | | |
| 18 | Domestic consumption - water | n/a | -3.6% | 3.3% | 8.8% | 8.1% | 7.4% | 6.9% | 1.2% | 1.1% | 1.0% | 1.0% | 1.0% | 0.8% | 0.8% | 0.8% | 0.8% |
| 19 | Domestic consumption - wastewater | n/a | -3.5% | 3.5% | 2327.7% | 118.5% | 61.5% | 42.8% | 1.2% | 1.1% | 1.0% | 1.0% | 1.0% | 0.8% | 0.8% | 0.8% | 0.8% |
| 20 | Non-domestic consumption - water | n/a | 0.0% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% |
| 21 | Non-domestic consumption - wastewater | n/a | 0.0% | 0.0% | 0.0% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% |
| 22 | Total water sales (invoiced) | n/a | -3.0% | 2.8% | 7.4% | 6.8% | 6.4% | 6.0% | 1.1% | 1.0% | 0.9% | 0.9% | 0.9% | 0.8% | 0.8% | 0.7% | 0.7% |
| 23 | Total wastewater (invoiced) | n/a | -3.5% | 3.5% | 3979.5% | 88.4% | 46.8% | 35.8% | 1.1% | 1.0% | 0.9% | 0.9% | 0.9% | 0.8% | 0.8% | 0.7% | 0.7% |
| 24 | Water production / losses | | | | | | | | | | | | | | | | |
| 25 | Total water sales (invoiced) | 0 278 | 0 269 | 0 277 | 0 297 | 0 317 | 0 337 | 0 358 | 0 361 | 0 365 | 0 368 | 0 372 | 0 375 | 0 378 | 0 381 | 0 383 | 0 386 |
| 26 | Level of losses (as % in total water production) | 51.0% | 50.0% | 49.0% | 49.0% | 47.0% | 47.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% |
| 27 | Total water production | 0 566 | 0 538 | 0 542 | 0 571 | 0 589 | 0 637 | 0 673 | 0 657 | 0 684 | 0 670 | 0 675 | 0 682 | 0 687 | 0 692 | 0 697 | 0 702 |
| 28 | Wastewater treated quantity | | | | | | | | | | | | | | | | |
| 29 | Total wastewater (invoiced) | 0 003 | 0 002 | 0 003 | 0 104 | 0 177 | 0 260 | 0 353 | 0 357 | 0 360 | 0 364 | 0 367 | 0 370 | 0 373 | 0 376 | 0 379 | 0 381 |
| 30 | Infiltrations | | | | 0 001 | 0 002 | 0 003 | 0 003 | 0 003 | 0 003 | 0 003 | 0 003 | 0 003 | 0 003 | 0 003 | 0 003 | 0 003 |
| 31 | Total level of infiltrations (%) | 0.0% | 0.0% | 0.0% | 0.8% | 1.1% | 1.0% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% |
| 32 | Total treated wastewater | 0 003 | 0 002 | 0 003 | 0 105 | 0 179 | 0 262 | 0 356 | 0 360 | 0 363 | 0 367 | 0 370 | 0 373 | 0 376 | 0 379 | 0 382 | 0 384 |

C.R. Apa Bacau S.A. - Annex 1-2

| 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Demand "with project" - Damansed

| | | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|----|--|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 | Domestic customers | | | | | | | | | | | | | | | | |
| 2 | Population (registered) | no. | 11.151 | 11.120 | 11.087 | 11.053 | 11.019 | 10.984 | 10.949 | 10.913 | 10.876 | 10.839 | 10.800 | 10.760 | 10.720 | 10.678 | 10.635 |
| 3 | Population connected to water supply system: | no. | 10.036 | 10.008 | 9.978 | 9.948 | 9.917 | 9.886 | 9.854 | 9.821 | 9.788 | 9.754 | 9.720 | 9.684 | 9.648 | 9.610 | 9.572 |
| 4 | Level of connected to water supply system | % | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 5 | Average water consumption per capita | LCD | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 106 | 107 | 108 |
| 6 | Domestic water sales (invoiced) | Mli m ³ /year | 0.341 | 0.343 | 0.346 | 0.349 | 0.351 | 0.354 | 0.356 | 0.359 | 0.361 | 0.364 | 0.367 | 0.369 | 0.372 | 0.374 | 0.376 |
| 7 | Population connected to wastewater system | no. | 10.036 | 10.008 | 9.978 | 9.948 | 9.917 | 9.886 | 9.854 | 9.821 | 9.788 | 9.754 | 9.720 | 9.684 | 9.648 | 9.610 | 9.572 |
| 8 | Level of connected to the wastewater system | % | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 9 | Average WWV volume per domestic consumer | LCD | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 106 | 107 | 108 |
| 10 | Domestic wastewater (invoiced) | Mli m ³ /year | 0.341 | 0.343 | 0.346 | 0.349 | 0.351 | 0.354 | 0.356 | 0.359 | 0.361 | 0.364 | 0.367 | 0.369 | 0.372 | 0.374 | 0.376 |
| 11 | Non-domestic customers | | | | | | | | | | | | | | | | |
| 12 | Non-domestic water sales (invoiced) | Mli m ³ /year | 0.0482 | 0.0483 | 0.0484 | 0.0485 | 0.0486 | 0.0487 | 0.0488 | 0.0489 | 0.0490 | 0.0491 | 0.0492 | 0.0493 | 0.0494 | 0.0495 | 0.0496 |
| 13 | Non-domestic wastewater (invoiced) | Mli m ³ /year | 0.0434 | 0.0435 | 0.0436 | 0.0437 | 0.0438 | 0.0439 | 0.0440 | 0.0441 | 0.0442 | 0.0443 | 0.0444 | 0.0445 | 0.0446 | 0.0447 | 0.0448 |
| 14 | Invoiced quantities | | | | | | | | | | | | | | | | |
| 15 | Total water sales (invoiced) | Mli m ³ /year | 0.389 | 0.392 | 0.394 | 0.397 | 0.400 | 0.402 | 0.405 | 0.408 | 0.410 | 0.413 | 0.416 | 0.418 | 0.421 | 0.423 | 0.426 |
| 16 | Total wastewater (invoiced) | Mli m ³ /year | 0.384 | 0.387 | 0.390 | 0.392 | 0.395 | 0.398 | 0.400 | 0.403 | 0.406 | 0.408 | 0.411 | 0.413 | 0.416 | 0.419 | 0.421 |
| 17 | Development of water / wastewater sales | | | | | | | | | | | | | | | | |
| 18 | Domestic consumption - water | % change | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | -0.4% |
| 19 | Domestic consumption - wastewater | % change | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | -0.4% |
| 20 | Non-domestic consumption - water | % change | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% |
| 21 | Non-domestic consumption - wastewater | % change | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% |
| 22 | Total water sales (invoiced) | % change | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | -0.3% |
| 23 | Total wastewater (invoiced) | % change | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | -0.3% |
| 24 | Water production / losses | | | | | | | | | | | | | | | | |
| 25 | Total water sales (invoiced) | Mli m ³ /year | 0.389 | 0.392 | 0.394 | 0.397 | 0.400 | 0.402 | 0.405 | 0.408 | 0.410 | 0.413 | 0.416 | 0.418 | 0.421 | 0.423 | 0.426 |
| 26 | Level of losses (as % in total water production) | % | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% |
| 27 | Total water production | Mli m ³ /year | 0.707 | 0.712 | 0.717 | 0.722 | 0.727 | 0.732 | 0.737 | 0.741 | 0.746 | 0.751 | 0.756 | 0.761 | 0.766 | 0.770 | 0.775 |
| 28 | Water treated quantity | | | | | | | | | | | | | | | | |
| 29 | Total wastewater (invoiced) | Mli m ³ /year | 0.384 | 0.387 | 0.390 | 0.392 | 0.395 | 0.398 | 0.400 | 0.403 | 0.406 | 0.408 | 0.411 | 0.413 | 0.416 | 0.419 | 0.421 |
| 30 | Infiltrations | Mli m ³ /year | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 31 | Total level of infiltrations (%) | % | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% |
| 32 | Total treated wastewater | Mli m ³ /year | 0.387 | 0.390 | 0.393 | 0.395 | 0.398 | 0.401 | 0.403 | 0.406 | 0.409 | 0.411 | 0.414 | 0.416 | 0.419 | 0.422 | 0.424 |

C.R. Apa Bacau S.A. - Annex 1-2

Historical data
2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023

Demand "without project" - Damianesti

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|--------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 Domestic customers | | | | | | | | | | | | | | | | |
| 2 Population (registered) | 11 508 | 11 487 | 11 465 | 11 444 | 11 422 | 11 402 | 11 382 | 11 364 | 11 345 | 11 326 | 11 306 | 11 285 | 11 262 | 11 237 | 11 210 | 11 181 |
| 3 Population connected to water supply system | 10 357 | 10 338 | 10 319 | 10 298 | 10 280 | 10 261 | 10 243 | 10 227 | 10 210 | 10 193 | 10 175 | 10 158 | 10 135 | 10 113 | 10 088 | 10 063 |
| 4 Level of connected to water supply system | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 5 Average water consumption per capita | 61 | 59 | 61 | 65 | 68 | 72 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 81 | 82 | 83 |
| 6 Domestic water sales (invoiced) | 0.231 | 0.222 | 0.230 | 0.242 | 0.255 | 0.268 | 0.280 | 0.284 | 0.287 | 0.290 | 0.293 | 0.296 | 0.298 | 0.301 | 0.303 | 0.305 |
| 7 Population connected to wastewater system | 115 | 115 | 115 | 115 | 114 | 114 | 114 | 114 | 114 | 113 | 113 | 113 | 112 | 112 | 112 | 112 |
| 8 Level of connected to the wastewater system | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% |
| 9 Average WM volume per domestic consumer | 61 | 59 | 61 | 65 | 68 | 72 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 81 | 82 | 83 |
| 10 Domestic wastewater (invoiced) | 0.003 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 11 Non-domestic customers | | | | | | | | | | | | | | | | |
| 12 Non-domestic water sales (invoiced) | 0.0468 | 0.0468 | 0.0470 | 0.0471 | 0.0472 | 0.0473 | 0.0473 | 0.0473 | 0.0474 | 0.0474 | 0.0475 | 0.0475 | 0.0476 | 0.0476 | 0.0477 | 0.0477 |
| 13 Non-domestic wastewater (invoiced) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 14 Invoiced quantities | | | | | | | | | | | | | | | | |
| 15 Total water sales (invoiced) | 0.278 | 0.269 | 0.277 | 0.290 | 0.302 | 0.315 | 0.328 | 0.331 | 0.334 | 0.337 | 0.340 | 0.343 | 0.346 | 0.348 | 0.351 | 0.353 |
| 16 Total wastewater (invoiced) | 0.003 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 17 Development of water / wastewater sales | | | | | | | | | | | | | | | | |
| 18 Domestic consumption - water | n/a | -3.6% | 3.3% | 5.5% | 5.2% | 5.0% | 4.7% | 4.7% | 4.7% | 4.7% | 4.7% | 4.7% | 4.7% | 4.7% | 4.7% | 4.7% |
| 19 Domestic consumption - wastewater | n/a | -3.5% | 3.3% | 5.5% | 5.2% | 5.0% | 4.7% | 4.7% | 4.7% | 4.7% | 4.7% | 4.7% | 4.7% | 4.7% | 4.7% | 4.7% |
| 20 Non-domestic consumption - water | n/a | 0.0% | 0.5% | 0.2% | 0.2% | 0.2% | -0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% |
| 21 Non-domestic consumption - wastewater | n/a | #DIV/0! | #DIV/0! | #DIV/0! | 0.2% | 0.2% | -0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% |
| 22 Total water sales (invoiced) | n/a | -3.0% | 2.8% | 4.6% | 4.4% | 4.4% | 4.0% | 4.0% | 4.0% | 4.0% | 4.0% | 4.0% | 4.0% | 4.0% | 4.0% | 4.0% |
| 23 Total wastewater (invoiced) | n/a | -3.5% | 3.3% | 5.5% | 5.2% | 5.0% | 4.7% | 4.7% | 4.7% | 4.7% | 4.7% | 4.7% | 4.7% | 4.7% | 4.7% | 4.7% |
| 24 Water production / losses | | | | | | | | | | | | | | | | |
| 25 Total water sales (invoiced) | 0.278 | 0.269 | 0.277 | 0.290 | 0.302 | 0.315 | 0.328 | 0.331 | 0.334 | 0.337 | 0.340 | 0.343 | 0.346 | 0.348 | 0.351 | 0.353 |
| 26 Level of losses (as % in total water production) | 51.0% | 50.0% | 49.0% | 48.0% | 47.0% | 47.0% | 47.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% |
| 27 Total water production | 0.566 | 0.538 | 0.543 | 0.557 | 0.571 | 0.595 | 0.618 | 0.602 | 0.608 | 0.613 | 0.618 | 0.624 | 0.628 | 0.633 | 0.638 | 0.642 |
| 28 Wastewater treated quantity | | | | | | | | | | | | | | | | |
| 29 Total wastewater (invoiced) | 0.003 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 30 Infiltrations | 0.0% | 0.0% | 0.0% | 2.2% | 4.2% | 5.2% | 6.2% | 6.2% | 6.1% | 6.1% | 6.1% | 6.1% | 6.1% | 6.1% | 6.1% | 6.1% |
| 31 Total level of infiltrations (%) | 0.0% | 0.0% | 0.0% | 2.2% | 4.2% | 5.2% | 6.2% | 6.2% | 6.1% | 6.1% | 6.1% | 6.1% | 6.1% | 6.1% | 6.1% | 6.1% |
| 32 Total treated wastewater | 0.003 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |

C.R. Apa Bacau S.A. - Annex 1-2

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Demand "without project" - Darmanesti

| | | | | | | | | | | | | | | | | | | |
|----|--|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 | Domestic customers | | | | | | | | | | | | | | | | | |
| 2 | Population (registered) | no | 11 151 | 11 120 | 11 087 | 11 053 | 11 019 | 10 984 | 10 949 | 10 913 | 10 876 | 10 839 | 10 800 | 10 760 | 10 720 | 10 678 | 10 635 | 10 593 |
| 3 | Population connected to water supply system | no. | 10 035 | 10 007 | 9 978 | 9 947 | 9 917 | 9 886 | 9 854 | 9 821 | 9 788 | 9 754 | 9 719 | 9 684 | 9 648 | 9 610 | 9 571 | 9 532 |
| 4 | Level of connected to water supply system | % | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 5 | Average water consumption per capita | LCD | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 97 | 97 |
| 6 | Domestic water sales (invoiced) | Mil m ³ /year | 0.308 | 0.310 | 0.313 | 0.315 | 0.317 | 0.320 | 0.322 | 0.324 | 0.327 | 0.329 | 0.331 | 0.333 | 0.335 | 0.338 | 0.340 | 0.338 |
| 7 | Population connected to wastewater system | no | 112 | 111 | 111 | 111 | 110 | 110 | 110 | 109 | 109 | 109 | 108 | 108 | 107 | 107 | 106 | 106 |
| 8 | Level of connected to the wastewater system | % | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% |
| 9 | Average WWV volume per domestic consumer | LCD | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 97 | 97 |
| 10 | Domestic wastewater (invoiced) | Mil m ³ /year | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 11 | Non-domestic customers | | | | | | | | | | | | | | | | | |
| 12 | Non-domestic water sales (invoiced) | Mil m ³ /year | 0.0477 | 0.0478 | 0.0478 | 0.0479 | 0.0479 | 0.0480 | 0.0480 | 0.0481 | 0.0481 | 0.0482 | 0.0482 | 0.0483 | 0.0483 | 0.0484 | 0.0484 | 0.0485 |
| 13 | Non-domestic wastewater (invoiced) | Mil m ³ /year | 0.0430 | 0.0430 | 0.0431 | 0.0431 | 0.0432 | 0.0432 | 0.0432 | 0.0433 | 0.0433 | 0.0434 | 0.0434 | 0.0434 | 0.0435 | 0.0435 | 0.0436 | 0.0436 |
| 14 | Invoiced quantities | | | | | | | | | | | | | | | | | |
| 15 | Total water sales (invoiced) | Mil m ³ /year | 0.356 | 0.358 | 0.360 | 0.363 | 0.365 | 0.368 | 0.370 | 0.372 | 0.375 | 0.377 | 0.379 | 0.382 | 0.384 | 0.386 | 0.389 | 0.387 |
| 16 | Total wastewater (invoiced) | Mil m ³ /year | 0.046 | 0.046 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 |
| 17 | Development of water / wastewater sales | | | | | | | | | | | | | | | | | |
| 18 | Domestic consumption - water | % change | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | -0.4% |
| 19 | Domestic consumption - wastewater | % change | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | -0.4% |
| 20 | Non-domestic consumption - water | % change | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% |
| 21 | Non-domestic consumption - wastewater | % change | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% |
| 22 | Total water sales (invoiced) | % change | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | -0.3% |
| 23 | Total wastewater (invoiced) | % change | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% |
| 24 | Water production / losses | | | | | | | | | | | | | | | | | |
| 25 | Total water sales (invoiced) | Mil m ³ /year | 0.356 | 0.358 | 0.360 | 0.363 | 0.365 | 0.368 | 0.370 | 0.372 | 0.375 | 0.377 | 0.379 | 0.382 | 0.384 | 0.386 | 0.389 | 0.387 |
| 26 | Level of losses (as % in total water production) | % | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% | 45.0% |
| 27 | Total water production | Mil m ³ /year | 0.647 | 0.651 | 0.655 | 0.660 | 0.664 | 0.668 | 0.673 | 0.677 | 0.681 | 0.686 | 0.690 | 0.694 | 0.698 | 0.702 | 0.706 | 0.704 |
| 28 | Waste water treated quantity | | | | | | | | | | | | | | | | | |
| 29 | Total wastewater (invoiced) | Mil m ³ /year | 0.046 | 0.046 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 |
| 30 | Infiltrations | Mil m ³ /year | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 31 | Total level of infiltrations (%) | % | 6.1% | 6.1% | 6.1% | 6.0% | 6.0% | 6.0% | 6.0% | 6.0% | 6.0% | 6.0% | 6.0% | 6.0% | 6.0% | 6.0% | 6.0% | 6.0% |
| 32 | Total treated wastewater | Mil m ³ /year | 0.049 | 0.049 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 |

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Historical data
2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023

►►► Projection ►►►

Demand "with project" - Targu Ocna

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 Domestic customers | | | | | | | | | | | | | | | | |
| 2 Population (registered) | 12,118 | 12,095 | 12,073 | 12,050 | 12,028 | 12,006 | 11,985 | 11,965 | 11,946 | 11,926 | 11,905 | 11,883 | 11,859 | 11,833 | 11,804 | 11,774 |
| 3 Population connected to water supply system | 11,754 | 11,732 | 11,710 | 11,688 | 11,666 | 11,646 | 11,625 | 11,608 | 11,587 | 11,567 | 11,547 | 11,526 | 11,502 | 11,477 | 11,449 | 11,420 |
| 4 Level of connected to water supply system | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% |
| 5 Average water consumption per capita | 76 | 76 | 76 | 76 | 80 | 82 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 |
| 6 Domestic water sales (invoiced) | 0.326 | 0.325 | 0.325 | 0.333 | 0.341 | 0.349 | 0.356 | 0.361 | 0.365 | 0.368 | 0.372 | 0.376 | 0.379 | 0.382 | 0.385 | 0.388 |
| 7 Population connected to wastewater system | 6,600 | 6,600 | 6,600 | 6,600 | 6,647 | 6,740 | 6,786 | 6,831 | 6,876 | 6,921 | 6,966 | 7,011 | 7,056 | 7,101 | 7,146 | 7,191 |
| 8 Level of connected to the wastewater system | 54% | 55% | 55% | 55% | 56% | 57% | 58% | 58% | 59% | 59% | 60% | 60% | 60% | 60% | 60% | 60% |
| 9 Average WW volume per domestic consumer | 76 | 76 | 76 | 76 | 80 | 82 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 |
| 10 Domestic wastewater (invoiced) | 0.183 | 0.183 | 0.183 | 0.183 | 0.183 | 0.183 | 0.183 | 0.183 | 0.183 | 0.183 | 0.183 | 0.183 | 0.183 | 0.183 | 0.183 | 0.183 |
| 11 Non-domestic customers | | | | | | | | | | | | | | | | |
| 12 Non-domestic water sales (invoiced) | 0.273 | 0.274 | 0.274 | 0.275 | 0.275 | 0.276 | 0.276 | 0.277 | 0.277 | 0.278 | 0.279 | 0.279 | 0.280 | 0.280 | 0.281 | 0.281 |
| 13 Non-domestic wastewater (invoiced) | 0.246 | 0.246 | 0.247 | 0.247 | 0.248 | 0.248 | 0.249 | 0.249 | 0.249 | 0.250 | 0.251 | 0.251 | 0.252 | 0.252 | 0.253 | 0.253 |
| 14 Invoiced quantities | | | | | | | | | | | | | | | | |
| 15 Total water sales (invoiced) | 0.599 | 0.599 | 0.599 | 0.607 | 0.616 | 0.624 | 0.633 | 0.638 | 0.642 | 0.646 | 0.650 | 0.655 | 0.659 | 0.662 | 0.666 | 0.670 |
| 16 Total wastewater (invoiced) | 0.429 | 0.429 | 0.430 | 0.430 | 0.430 | 0.430 | 0.430 | 0.430 | 0.430 | 0.430 | 0.430 | 0.430 | 0.430 | 0.430 | 0.430 | 0.430 |
| 17 Development of water / wastewater sales | | | | | | | | | | | | | | | | |
| 18 Domestic consumption - water | n/a | -0.2% | -0.2% | 2.4% | 2.4% | 2.3% | 2.3% | 1.2% | 1.1% | 1.0% | 1.0% | 1.0% | 0.9% | 0.8% | 0.8% | 0.8% |
| % change | | 0.0% | 0.0% | 18.9% | 16.6% | 14.8% | 13.4% | 1.2% | 1.1% | 1.0% | 1.0% | 1.0% | 0.9% | 0.8% | 0.8% | 0.8% |
| 19 Domestic consumption - wastewater | n/a | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% |
| % change | | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% |
| 20 Non-domestic consumption - water | n/a | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% |
| % change | | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% |
| 21 Non-domestic consumption - wastewater | n/a | 0.0% | 0.0% | 1.4% | 1.4% | 1.4% | 1.3% | 0.8% | 0.7% | 0.7% | 0.6% | 0.7% | 0.6% | 0.6% | 0.6% | 0.6% |
| % change | | 0.0% | 0.0% | 1.4% | 1.4% | 1.4% | 1.3% | 0.8% | 0.7% | 0.7% | 0.6% | 0.7% | 0.6% | 0.6% | 0.6% | 0.6% |
| 22 Total water sales (invoiced) | n/a | 0.1% | 0.1% | 8.2% | 7.9% | 7.6% | 7.4% | 8.8% | 8.7% | 8.6% | 8.5% | 8.4% | 8.3% | 8.2% | 8.1% | 8.0% |
| % change | | 0.1% | 0.1% | 8.2% | 7.9% | 7.6% | 7.4% | 8.8% | 8.7% | 8.6% | 8.5% | 8.4% | 8.3% | 8.2% | 8.1% | 8.0% |
| 23 Total wastewater (invoiced) | n/a | 0.1% | 0.1% | 8.2% | 7.9% | 7.6% | 7.4% | 8.8% | 8.7% | 8.6% | 8.5% | 8.4% | 8.3% | 8.2% | 8.1% | 8.0% |
| % change | | 0.1% | 0.1% | 8.2% | 7.9% | 7.6% | 7.4% | 8.8% | 8.7% | 8.6% | 8.5% | 8.4% | 8.3% | 8.2% | 8.1% | 8.0% |
| 24 Water production / losses | | | | | | | | | | | | | | | | |
| 25 Total water sales (invoiced) | 0.599 | 0.599 | 0.599 | 0.607 | 0.616 | 0.624 | 0.633 | 0.638 | 0.642 | 0.646 | 0.650 | 0.655 | 0.659 | 0.662 | 0.666 | 0.670 |
| 26 Level of losses (as % of total water production) | 57.0% | 57.0% | 55.0% | 55.0% | 53.0% | 53.0% | 50.0% | 48.0% | 48.0% | 48.0% | 48.0% | 48.0% | 48.0% | 48.0% | 48.0% | 48.0% |
| 27 Total water production | 1.383 | 1.383 | 1.331 | 1.350 | 1.310 | 1.328 | 1.285 | 1.226 | 1.235 | 1.243 | 1.251 | 1.259 | 1.266 | 1.274 | 1.281 | 1.288 |
| 28 Wastewater treated quantity | | | | | | | | | | | | | | | | |
| 29 Total wastewater (invoiced) | 0.429 | 0.429 | 0.430 | 0.430 | 0.430 | 0.430 | 0.430 | 0.430 | 0.430 | 0.430 | 0.430 | 0.430 | 0.430 | 0.430 | 0.430 | 0.430 |
| 30 Infiltrations | 0.283 | 0.283 | 0.283 | 0.283 | 0.283 | 0.283 | 0.283 | 0.283 | 0.283 | 0.283 | 0.283 | 0.283 | 0.283 | 0.283 | 0.283 | 0.283 |
| 31 Total level of infiltrations (%) | 40.8% | 40.5% | 40.5% | 39.5% | 36.9% | 35.2% | 33.6% | 33.4% | 33.2% | 33.1% | 32.9% | 32.8% | 32.7% | 32.5% | 32.4% | 32.3% |
| 32 Total treated wastewater | 0.721 | 0.722 | 0.722 | 0.722 | 0.722 | 0.722 | 0.722 | 0.722 | 0.722 | 0.722 | 0.722 | 0.722 | 0.722 | 0.722 | 0.722 | 0.722 |

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Demand "with project" - Targu Ocna

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 Domestic customers | | | | | | | | | | | | | | | | |
| 2 Population (registered) | 11 742 | 11 709 | 11 675 | 11 639 | 11 603 | 11 568 | 11 529 | 11 491 | 11 452 | 11 413 | 11 372 | 11 331 | 11 288 | 11 244 | 11 199 | 11 155 |
| 3 Population connected to water supply system | 11 369 | 11 357 | 11 324 | 11 290 | 11 255 | 11 219 | 11 183 | 11 146 | 11 108 | 11 070 | 11 030 | 10 991 | 10 949 | 10 906 | 10 863 | 10 820 |
| 4 Level of connected to water supply system | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% |
| 5 Average water consumption per capita | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 105 | 106 | 107 | 108 | 109 | 109 |
| 6 Domestic water sales (invoiced) | 0 361 | 0 394 | 0 397 | 0 400 | 0 403 | 0 406 | 0 408 | 0 412 | 0 415 | 0 418 | 0 421 | 0 424 | 0 427 | 0 430 | 0 432 | 0 431 |
| 7 Population connected to wastewater system | 10 567 | 10 538 | 10 507 | 10 475 | 10 443 | 10 409 | 10 376 | 10 342 | 10 307 | 10 271 | 10 235 | 10 198 | 10 159 | 10 119 | 10 079 | 10 040 |
| 8 Level of connected to the wastewater system | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 9 Average WWV volume per domestic consumer | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 105 | 106 | 107 | 108 | 109 | 109 |
| 10 Domestic wastewater (invoiced) | 0 363 | 0 366 | 0 369 | 0 371 | 0 374 | 0 377 | 0 380 | 0 382 | 0 385 | 0 388 | 0 391 | 0 393 | 0 396 | 0 399 | 0 401 | 0 400 |
| 11 Non-domestic customers | | | | | | | | | | | | | | | | |
| 12 Non-domestic water sales (invoiced) | 0 282 | 0 282 | 0 283 | 0 284 | 0 284 | 0 285 | 0 285 | 0 286 | 0 286 | 0 287 | 0 288 | 0 288 | 0 289 | 0 289 | 0 290 | 0 290 |
| 13 Non-domestic wastewater (invoiced) | 0 254 | 0 254 | 0 255 | 0 255 | 0 256 | 0 256 | 0 257 | 0 257 | 0 258 | 0 258 | 0 259 | 0 259 | 0 260 | 0 260 | 0 261 | 0 261 |
| 14 Invoiced quantities | | | | | | | | | | | | | | | | |
| 15 Total water sales (invoiced) | 0 673 | 0 677 | 0 680 | 0 684 | 0 687 | 0 691 | 0 694 | 0 698 | 0 701 | 0 705 | 0 708 | 0 712 | 0 715 | 0 719 | 0 722 | 0 721 |
| 16 Total wastewater (invoiced) | 0 617 | 0 620 | 0 623 | 0 627 | 0 630 | 0 633 | 0 636 | 0 640 | 0 643 | 0 646 | 0 649 | 0 653 | 0 656 | 0 659 | 0 662 | 0 661 |
| 17 Development of water / wastewater sales | | | | | | | | | | | | | | | | |
| 18 Domestic consumption - water | 0 8% | 0 8% | 0 8% | 0 8% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | -0 4% |
| 19 Domestic consumption - wastewater | 0 8% | 0 8% | 0 8% | 0 8% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | 0 7% | -0 4% |
| 20 Non-domestic consumption - water | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% |
| 21 Non-domestic consumption - wastewater | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% | 0 2% |
| 22 Total water sales (invoiced) | 0 5% | 0 5% | 0 5% | 0 5% | 0 5% | 0 5% | 0 5% | 0 5% | 0 5% | 0 5% | 0 5% | 0 5% | 0 5% | 0 5% | 0 5% | -0 2% |
| 23 Total wastewater (invoiced) | 0 5% | 0 5% | 0 5% | 0 5% | 0 5% | 0 5% | 0 5% | 0 5% | 0 5% | 0 5% | 0 5% | 0 5% | 0 5% | 0 5% | 0 5% | -0 2% |
| 24 Water production / losses | | | | | | | | | | | | | | | | |
| 25 Total water sales (invoiced) | 0 673 | 0 677 | 0 680 | 0 684 | 0 687 | 0 691 | 0 694 | 0 698 | 0 701 | 0 705 | 0 708 | 0 712 | 0 715 | 0 719 | 0 722 | 0 721 |
| 26 Level of losses (as % in total water production) | 48 0% | 48 0% | 48 0% | 48 0% | 48 0% | 48 0% | 48 0% | 48 0% | 48 0% | 48 0% | 48 0% | 48 0% | 48 0% | 48 0% | 48 0% | 48 0% |
| 27 Total water production | 1 295 | 1 301 | 1 308 | 1 315 | 1 322 | 1 329 | 1 335 | 1 342 | 1 349 | 1 356 | 1 362 | 1 369 | 1 376 | 1 382 | 1 389 | 1 387 |
| 28 Wastewater treated quantity | | | | | | | | | | | | | | | | |
| 29 Total wastewater (invoiced) | 0 617 | 0 620 | 0 623 | 0 627 | 0 630 | 0 633 | 0 636 | 0 640 | 0 643 | 0 646 | 0 649 | 0 653 | 0 656 | 0 659 | 0 662 | 0 661 |
| 30 Infiltrations | 0 293 | 0 293 | 0 293 | 0 293 | 0 293 | 0 293 | 0 293 | 0 293 | 0 293 | 0 293 | 0 293 | 0 293 | 0 293 | 0 293 | 0 293 | 0 293 |
| 31 Total level of infiltrations (%) | 32 2% | 32 1% | 32 0% | 31 9% | 31 7% | 31 6% | 31 5% | 31 4% | 31 3% | 31 2% | 31 1% | 31 0% | 30 9% | 30 8% | 30 7% | 30 7% |
| 32 Total treated wastewater | 0 909 | 0 913 | 0 916 | 0 919 | 0 923 | 0 926 | 0 929 | 0 932 | 0 936 | 0 939 | 0 942 | 0 945 | 0 949 | 0 952 | 0 955 | 0 954 |

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Historical data >>> Projection >>>

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Demand "without project" - Targu Ocna

| | | | | | | | | | | | | | | | | |
|----|--|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 | Domestic customers | | | | | | | | | | | | | | | |
| 2 | Population (registered) | no | 12 118 | 12 073 | 12 050 | 12 028 | 12 006 | 11 985 | 11 965 | 11 946 | 11 926 | 11 905 | 11 883 | 11 859 | 11 833 | 11 804 |
| 3 | Population connected to water supply system | no | 11 754 | 11 710 | 11 688 | 11 646 | 11 646 | 11 625 | 11 608 | 11 587 | 11 568 | 11 547 | 11 526 | 11 502 | 11 477 | 11 449 |
| 4 | Level of connected to water supply system | % | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% |
| 5 | Average water consumption per capita | LCD | 76 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 |
| 6 | Domestic water sales (invoiced) | Ml m ³ /year | 0 326 | 0 325 | 0 328 | 0 336 | 0 339 | 0 344 | 0 344 | 0 347 | 0 351 | 0 354 | 0 356 | 0 361 | 0 364 | 0 367 |
| 7 | Population connected to wastewater system | no | 6 600 | 6 588 | 6 575 | 6 563 | 6 551 | 6 540 | 6 529 | 6 518 | 6 508 | 6 496 | 6 484 | 6 471 | 6 457 | 6 441 |
| 8 | Level of connected to the wastewater system | % | 54% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% |
| 9 | Average WWV volume per domestic consumer | LCD | 76 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 |
| 10 | Domestic wastewater (invoiced) | Ml m ³ /year | 0 183 | 0 183 | 0 185 | 0 188 | 0 191 | 0 193 | 0 193 | 0 195 | 0 197 | 0 199 | 0 201 | 0 203 | 0 205 | 0 206 |
| 11 | Non-domestic customers | | | | | | | | | | | | | | | |
| 12 | Non-domestic water sales (invoiced) | Ml m ³ /year | 0 273 | 0 274 | 0 275 | 0 277 | 0 277 | 0 277 | 0 277 | 0 277 | 0 277 | 0 278 | 0 278 | 0 278 | 0 279 | 0 279 |
| 13 | Non-domestic wastewater (invoiced) | Ml m ³ /year | 0 246 | 0 246 | 0 247 | 0 248 | 0 249 | 0 249 | 0 249 | 0 249 | 0 250 | 0 250 | 0 250 | 0 250 | 0 251 | 0 251 |
| 14 | Invoiced quantities | | | | | | | | | | | | | | | |
| 15 | Total water sales (invoiced) | Ml m ³ /year | 0 599 | 0 599 | 0 604 | 0 612 | 0 616 | 0 620 | 0 620 | 0 624 | 0 628 | 0 632 | 0 636 | 0 639 | 0 642 | 0 646 |
| 16 | Total wastewater (invoiced) | Ml m ³ /year | 0 429 | 0 429 | 0 433 | 0 438 | 0 440 | 0 442 | 0 442 | 0 445 | 0 447 | 0 449 | 0 451 | 0 453 | 0 455 | 0 457 |
| 17 | Development of water / wastewater sales | | | | | | | | | | | | | | | |
| 18 | Domestic consumption - water | % change | n/a | -0.2% | 1.1% | 1.1% | 1.1% | 1.1% | 1.2% | 1.1% | 1.0% | 1.0% | 1.0% | 0.9% | 0.8% | 0.8% |
| 19 | Domestic consumption - wastewater | % change | n/a | 0.0% | -0.2% | 1.1% | 1.1% | 1.1% | 1.2% | 1.1% | 1.0% | 1.0% | 1.0% | 0.9% | 0.8% | 0.8% |
| 20 | Non-domestic consumption - water | % change | n/a | 0.2% | 0.5% | 0.2% | 0.2% | 0.0% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% |
| 21 | Non-domestic consumption - wastewater | % change | n/a | 0.2% | 0.5% | 0.2% | 0.2% | 0.0% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% |
| 22 | Total water sales (invoiced) | % change | n/a | 0.0% | 0.7% | 0.7% | 0.7% | 0.6% | 0.7% | 0.7% | 0.6% | 0.6% | 0.6% | 0.5% | 0.5% | 0.5% |
| 23 | Total wastewater (invoiced) | % change | n/a | 0.1% | 0.2% | 0.6% | 0.6% | 0.5% | 0.6% | 0.5% | 0.5% | 0.5% | 0.5% | 0.4% | 0.4% | 0.4% |
| 24 | Water production / losses | | | | | | | | | | | | | | | |
| 25 | Total water sales (invoiced) | Ml m ³ /year | 0 599 | 0 599 | 0 604 | 0 612 | 0 616 | 0 620 | 0 620 | 0 624 | 0 628 | 0 632 | 0 636 | 0 638 | 0 642 | 0 646 |
| 26 | Level of losses (as % in total water production) | % | 57.0% | 57.0% | 55.0% | 53.0% | 53.0% | 50.0% | 48.0% | 48.0% | 48.0% | 48.0% | 48.0% | 48.0% | 48.0% | 48.0% |
| 27 | Total water production | Ml m ³ /year | 1 393 | 1 393 | 1 342 | 1 294 | 1 293 | 1 232 | 1 193 | 1 201 | 1 206 | 1 215 | 1 223 | 1 229 | 1 235 | 1 242 |
| 28 | Wastewater treated quantity | | | | | | | | | | | | | | | |
| 29 | Total wastewater (invoiced) | Ml m ³ /year | 0 429 | 0 429 | 0 433 | 0 438 | 0 440 | 0 442 | 0 442 | 0 445 | 0 447 | 0 449 | 0 451 | 0 453 | 0 455 | 0 457 |
| 30 | Infiltrations | Ml m ³ /year | 0 293 | 0 293 | 0 302 | 0 302 | 0 302 | 0 302 | 0 302 | 0 302 | 0 302 | 0 302 | 0 302 | 0 302 | 0 302 | 0 302 |
| 31 | Total level of infiltrations (%) | % | 40.6% | 40.6% | 41.2% | 41.1% | 41.0% | 40.7% | 40.6% | 40.4% | 40.3% | 40.2% | 40.1% | 40.0% | 39.9% | 39.7% |
| 32 | Total treated wastewater | Ml m ³ /year | 0 721 | 0 722 | 0 732 | 0 740 | 0 742 | 0 744 | 0 744 | 0 747 | 0 749 | 0 751 | 0 753 | 0 755 | 0 757 | 0 759 |

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Demand "without project" - Targu Ocna

| | 2024 | 2026 | 2028 | 2027 | 2028 | 2028 | 2028 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 Domestic customers | | | | | | | | | | | | | | | | | |
| 2 Population (registered) | 11 742 | 11 709 | 11 675 | 11 639 | 11 603 | 11 568 | 11 532 | 11 497 | 11 461 | 11 425 | 11 413 | 11 372 | 11 331 | 11 288 | 11 244 | 11 199 | 11 155 |
| 3 Population connected to water supply system | 11 389 | 11 357 | 11 324 | 11 290 | 11 255 | 11 219 | 11 183 | 11 146 | 11 108 | 11 070 | 11 070 | 11 030 | 10 991 | 10 949 | 10 906 | 10 863 | 10 820 |
| % | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% | 97% |
| 4 Level of connected to water supply system | 90 | 91 | 92 | 93 | 93 | 94 | 95 | 96 | 96 | 98 | 98 | 100 | 101 | 102 | 103 | 104 | 104 |
| LCD | | | | | | | | | | | | | | | | | |
| 5 Average water consumption per capita | 0.373 | 0.376 | 0.378 | 0.381 | 0.384 | 0.387 | 0.390 | 0.393 | 0.395 | 0.398 | 0.401 | 0.404 | 0.406 | 0.409 | 0.412 | 0.410 | |
| 6 Domestic water sales (invoiced) | | | | | | | | | | | | | | | | | |
| 7 Population connected to wastewater system | 8 407 | 8 389 | 8 370 | 8 351 | 8 331 | 8 311 | 8 291 | 8 270 | 8 249 | 8 228 | 8 205 | 8 183 | 8 160 | 8 135 | 8 111 | 8 087 | |
| % | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% |
| 8 Level of connected to the wastewater system | 90 | 91 | 92 | 93 | 93 | 94 | 95 | 96 | 96 | 98 | 98 | 100 | 101 | 102 | 103 | 104 | 104 |
| LCD | | | | | | | | | | | | | | | | | |
| 9 Average WWV volume per domestic consumer | 0.210 | 0.211 | 0.213 | 0.214 | 0.216 | 0.218 | 0.219 | 0.221 | 0.222 | 0.224 | 0.226 | 0.228 | 0.227 | 0.229 | 0.230 | 0.232 | 0.231 |
| 10 Domestic wastewater (invoiced) | | | | | | | | | | | | | | | | | |
| 11 Non-domestic customers | | | | | | | | | | | | | | | | | |
| 12 Non-domestic water sales (invoiced) | 0.279 | 0.280 | 0.280 | 0.280 | 0.280 | 0.281 | 0.281 | 0.281 | 0.281 | 0.282 | 0.282 | 0.282 | 0.282 | 0.283 | 0.283 | 0.283 | 0.284 |
| 13 Non-domestic wastewater (invoiced) | 0.251 | 0.252 | 0.252 | 0.252 | 0.252 | 0.253 | 0.253 | 0.253 | 0.253 | 0.253 | 0.254 | 0.254 | 0.254 | 0.254 | 0.255 | 0.255 | 0.255 |
| 14 Invoiced quantities | | | | | | | | | | | | | | | | | |
| 15 Total water sales (invoiced) | 0.652 | 0.655 | 0.658 | 0.661 | 0.665 | 0.668 | 0.671 | 0.674 | 0.677 | 0.679 | 0.680 | 0.683 | 0.686 | 0.689 | 0.692 | 0.695 | 0.694 |
| 16 Total wastewater (invoiced) | 0.461 | 0.463 | 0.465 | 0.467 | 0.469 | 0.470 | 0.472 | 0.474 | 0.476 | 0.478 | 0.479 | 0.480 | 0.481 | 0.483 | 0.485 | 0.487 | 0.486 |
| 17 Development of water / wastewater sales | | | | | | | | | | | | | | | | | |
| 18 Domestic consumption - water | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% |
| % change | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% |
| 19 Domestic consumption - wastewater | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% |
| % change | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% |
| 20 Non-domestic consumption - water | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% |
| % change | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% |
| 21 Non-domestic consumption - wastewater | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% |
| % change | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% |
| 22 Total water sales (invoiced) | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% |
| % change | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% |
| 23 Total wastewater (invoiced) | | | | | | | | | | | | | | | | | |
| 24 Water production / losses | | | | | | | | | | | | | | | | | |
| 25 Total water sales (invoiced) | 0.652 | 0.655 | 0.658 | 0.661 | 0.665 | 0.668 | 0.671 | 0.674 | 0.677 | 0.679 | 0.680 | 0.683 | 0.686 | 0.689 | 0.692 | 0.695 | 0.694 |
| % | 48.0% | 48.0% | 48.0% | 48.0% | 48.0% | 48.0% | 48.0% | 48.0% | 48.0% | 48.0% | 48.0% | 48.0% | 48.0% | 48.0% | 48.0% | 48.0% | 48.0% |
| 26 Level of losses (as % in total water production) | 1.254 | 1.260 | 1.266 | 1.272 | 1.278 | 1.284 | 1.290 | 1.296 | 1.302 | 1.308 | 1.314 | 1.319 | 1.325 | 1.331 | 1.337 | 1.344 | 1.354 |
| 27 Total water production | | | | | | | | | | | | | | | | | |
| 28 Wastewater treated quantity | | | | | | | | | | | | | | | | | |
| 29 Total wastewater (invoiced) | 0.461 | 0.463 | 0.465 | 0.467 | 0.469 | 0.470 | 0.472 | 0.474 | 0.476 | 0.478 | 0.479 | 0.480 | 0.481 | 0.483 | 0.485 | 0.487 | 0.486 |
| 30 Infiltrations | 39.6% | 39.5% | 39.4% | 39.3% | 39.2% | 39.1% | 39.0% | 38.9% | 38.8% | 38.7% | 38.6% | 38.5% | 38.4% | 38.3% | 38.2% | 38.1% | 38.0% |
| 31 Total level of infiltrations (%) | 0.763 | 0.765 | 0.767 | 0.769 | 0.770 | 0.772 | 0.774 | 0.776 | 0.778 | 0.780 | 0.781 | 0.782 | 0.783 | 0.785 | 0.787 | 0.789 | 0.788 |
| 32 Total treated wastewater | | | | | | | | | | | | | | | | | |

C.R. Apa Bacau S.A. - Annex 1-2

Demand "with project" - Caraboaia

| Historical data | | Projection | | | | | | | | | | | | | |
|-----------------|------|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | |
|--|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 Domestic customers | | | | | | | | | | | | | | | | | |
| 2 Population (registered) Bacau, City and Surroundings (W 01) | no | 202,552 | 202,254 | 201,945 | 201,625 | 201,300 | 200,708 | 200,432 | 200,157 | 199,874 | 199,598 | 199,293 | 198,974 | 198,674 | 198,475 | 198,042 | 187,578 |
| 3 Population (registered) in W 01 | no | 188,938 | 188,775 | 189,598 | 188,405 | 188,203 | 187,837 | 187,696 | 187,497 | 187,311 | 187,106 | 186,873 | 186,608 | 186,304 | 185,968 | 185,500 | |
| 4 Level of connected to wtp in W 01 | % | 78% | 80% | 83% | 85% | 86% | 83% | 85% | 96% | 96% | 99% | 100% | 100% | 100% | 100% | 100% | |
| 5 Average water consumption per capita total Country | LCD | 95 | 97 | 94 | 94 | 95 | 92 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | |
| 6 Domestic customers WTP Caraboaia | Mil m ³ /year | 194 | 196 | 193 | 191 | 191 | 196 | 197 | 198 | 199 | 199 | 199 | 199 | 199 | 199 | 199 | 196 |
| 7 Non-domestic customers WTP Caraboaia | Mil m ³ /year | 8,182 | 8,355 | 8,091 | 7,980 | 1,489 | 1,453 | 1,471 | 1,487 | 1,502 | 1,517 | 1,532 | 1,545 | 1,558 | 1,570 | 1,583 | |
| 8 Total water sales (invoiced) in W 01 and W 02 without Priority W | Mil m ³ /year | 2,031 | 2,309 | 2,822 | 3,009 | 3,437 | 4,127 | 4,560 | 4,954 | 5,189 | 5,427 | 5,671 | 5,820 | 5,970 | 6,122 | 6,274 | |
| 9 Non-domestic water sales (invoiced) in Priority W | Mil m ³ /year | - | - | - | - | 6,500 | 6,138 | 6,213 | 6,283 | 6,347 | 6,410 | 6,476 | 6,532 | 6,589 | 6,642 | 6,697 | |
| 10 Non-domestic water sales (invoiced) TOTAL only Caraboaia | Mil m ³ /year | 10,213 | 10,664 | 10,713 | 10,989 | 4,925 | 5,282 | 6,051 | 6,441 | 6,891 | 7,203 | 7,368 | 7,528 | 7,682 | 7,837 | 7,992 | |
| 11 Non-domestic customers WTP Barati | Mil m ³ /year | 5,118 | 4,680 | 4,632 | 4,583 | 4,535 | 4,487 | 4,439 | 4,391 | 4,343 | 4,295 | 4,247 | 4,199 | 4,151 | 4,103 | 4,055 | |
| 12 Total water sales (invoiced) in W 01 and W 02 without Priority W | Mil m ³ /year | 2,749 | 3,041 | 3,378 | 3,788 | 4,239 | 4,977 | 5,455 | 5,848 | 6,093 | 6,341 | 6,595 | 6,748 | 6,902 | 7,057 | 7,213 | |
| 13 Non-domestic water sales (invoiced) TOTAL | Mil m ³ /year | 12,582 | 12,303 | 11,967 | 11,784 | 2,067 | 2,022 | 2,041 | 2,059 | 2,078 | 2,093 | 2,110 | 2,125 | 2,140 | 2,154 | 2,169 | |
| 14 Non-domestic water sales (invoiced) TOTAL Barati and Caraboaia | Mil m ³ /year | 15,331 | 15,344 | 15,345 | 15,372 | 6,306 | 6,682 | 7,497 | 7,907 | 8,169 | 8,434 | 8,705 | 8,973 | 9,242 | 9,512 | 9,782 | |
| 15 Invoiced quantities | | | | | | | | | | | | | | | | | |
| 16 Total water sales (invoiced) in W 01 and W 02 without Priority W | Mil m ³ /year | 2,749 | 3,041 | 3,378 | 3,788 | 4,239 | 4,977 | 5,455 | 5,848 | 6,093 | 6,341 | 6,595 | 6,748 | 6,902 | 7,057 | 7,213 | |
| 17 Total water sales (invoiced) in Priority W | Mil m ³ /year | 12,582 | 12,303 | 11,967 | 11,784 | 2,067 | 2,022 | 2,041 | 2,059 | 2,078 | 2,093 | 2,110 | 2,125 | 2,140 | 2,154 | 2,169 | |
| 18 Total water sales (invoiced) TOTAL | Mil m ³ /year | 15,331 | 15,344 | 15,345 | 15,372 | 6,306 | 6,682 | 7,497 | 7,907 | 8,169 | 8,434 | 8,705 | 8,973 | 9,242 | 9,512 | 9,782 | |
| 19 Development of water sales - Caraboaia | % change | na | 4.4% | 0.5% | 2.6% | -55.2% | 7.2% | 8.4% | 6.4% | 3.9% | 3.8% | 3.7% | 2.3% | 2.2% | 2.2% | 2.1% | |
| 20 Domestic consumption - water | % change | na | -8.5% | 1.0% | -1.0% | 69.9% | 1.4% | 1.4% | 1.4% | 0.9% | 0.8% | 0.8% | 0.4% | 0.4% | 0.4% | 0.4% | |
| 21 Non-domestic consumption - water | % change | na | 0.1% | 0.0% | 1.5% | -59.5% | 6.0% | 4.7% | 5.5% | 3.3% | 3.2% | 3.2% | 1.9% | 1.9% | 1.9% | 1.8% | |
| 22 Total water sales (invoiced) | | | | | | | | | | | | | | | | | |
| 23 Water production / losses - Caraboaia | | | | | | | | | | | | | | | | | |
| 24 Total water sales (invoiced) in W 01 and W 02 without Priority W | Mil m ³ /year | 2,749 | 3,041 | 3,378 | 3,788 | 4,239 | 4,977 | 5,455 | 5,848 | 6,093 | 6,341 | 6,595 | 6,748 | 6,902 | 7,057 | 7,213 | |
| 25 Total water sales (invoiced) in Priority W only Caraboaia | Mil m ³ /year | 12,582 | 12,303 | 11,967 | 11,784 | 2,067 | 2,022 | 2,041 | 2,059 | 2,078 | 2,093 | 2,110 | 2,125 | 2,140 | 2,154 | 2,169 | |
| 26 Total water sales (invoiced) TOTAL only Caraboaia | Mil m ³ /year | 15,331 | 15,344 | 15,345 | 15,372 | 6,306 | 6,682 | 7,497 | 7,907 | 8,169 | 8,434 | 8,705 | 8,973 | 9,242 | 9,512 | 9,782 | |
| 27 Level of losses (as % of total water production) also considering | % | 55% | 56.3% | 55% | 53% | 53% | 50% | 48% | 48% | 48% | 48% | 48% | 48% | 48% | 48% | 48% | |
| 28 Total water production in W 01 and W 02 without Priority W | Mil m ³ /year | 6,109 | 6,994 | 7,565 | 8,433 | 9,093 | 9,857 | 10,535 | 11,248 | 11,718 | 12,194 | 12,682 | 13,173 | 13,673 | 14,173 | 14,673 | |
| 29 Total water production in Priority W only Caraboaia | Mil m ³ /year | 27,859 | 27,340 | 26,594 | 26,186 | 4,593 | 4,567 | 4,493 | 4,536 | 4,614 | 4,690 | 4,766 | 4,842 | 4,918 | 4,994 | 5,070 | |
| 30 Total water production TOTAL only Caraboaia | Mil m ³ /year | 34,068 | 34,097 | 34,100 | 34,805 | 14,014 | 15,554 | 16,659 | 17,571 | 18,154 | 18,741 | 19,344 | 19,971 | 20,603 | 21,241 | 21,884 | |

C.R. Apa Bacau S.A. - Annex 1-2

Demand "with project" - Caraboaia

| | | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | |
|----|---|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | Domestic customers | | | | | | | | | | | | | | | | | |
| 2 | Population (registered) Bacau City and Surroundings (W 01) | no | 197 084 | 196 027 | 195 471 | 194 899 | 194 312 | 193 717 | 193 108 | 192 491 | 191 859 | 191 211 | 190 543 | 189 850 | 189 131 | 188 391 | 187 631 | |
| 3 | Population (registered) Muresi, Til, Onesti (W 02) | no | 185 200 | 184 777 | 184 332 | 183 870 | 183 392 | 182 895 | 182 390 | 181 873 | 181 343 | 180 797 | 180 236 | 179 656 | 179 053 | 178 421 | 177 762 | |
| 4 | Population (registered) in W 01, SI W 02 | no | 382 284 | 381 342 | 380 359 | 379 341 | 378 291 | 377 207 | 376 107 | 374 980 | 373 824 | 372 636 | 371 447 | 370 199 | 368 903 | 367 552 | 366 152 | |
| 5 | Population (registered) in W 01, Caraboaia and Barau in W 01 and W 02 | no | 382 284 | 381 342 | 380 359 | 379 341 | 378 291 | 377 207 | 376 107 | 374 980 | 373 824 | 372 636 | 371 447 | 370 199 | 368 903 | 367 552 | 366 152 | |
| 6 | Level of connected to wtp in W 01 | % | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| 7 | Level of connected to wtp in W 02 | % | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| 8 | Level of connected to wtp in W 01, and W 02 | % | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| 9 | Population in Priority WSZs (registered) for WTPs | no | 237 578 | 236 937 | 236 271 | 235 585 | 234 881 | 234 159 | 233 426 | 232 679 | 231 921 | 231 146 | 230 352 | 229 535 | 228 688 | 227 810 | 226 937 | 226 065 |
| 10 | Population connected to WTP Caraboaia in Priority WSZs (excluding) | no | 42 370 | 42 150 | 41 900 | 41 770 | 41 637 | 41 502 | 41 366 | 41 226 | 41 084 | 40 939 | 40 790 | 40 636 | 40 476 | 40 317 | 40 159 | |
| 11 | Population connected to WTP Car new WTP Barau (only Bacau) | no | 172 372 | 171 912 | 171 434 | 170 941 | 170 434 | 169 914 | 169 388 | 168 850 | 168 304 | 167 746 | 167 174 | 166 594 | 166 012 | 165 438 | 164 708 | 164 079 |
| 12 | Level of connected to WTPs in Priority WSZs | % | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | |
| 13 | Average water consumption per capita total County | LCD | 103 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 114 | 115 | 116 | 117 | 119 | 119 | |
| 14 | Average water consumption per capita Agglomeration Bacau | LCD | 107 | 108 | 110 | 111 | 112 | 113 | 114 | 115 | 117 | 118 | 119 | 120 | 122 | 123 | 123 | |
| 15 | Domestic customers WTP Caraboaia | Mil m ³ /year | 1 595 | 1 608 | 1 620 | 1 632 | 1 644 | 1 656 | 1 668 | 1 680 | 1 693 | 1 704 | 1 716 | 1 728 | 1 740 | 1 751 | 1 749 | |
| 16 | Domestic water sales (invoiced) in Priority WSZs for Caraboaia | Mil m ³ /year | 6 327 | 6 380 | 6 433 | 6 486 | 6 538 | 6 590 | 6 642 | 6 694 | 6 745 | 6 797 | 6 848 | 6 899 | 6 949 | 6 998 | 7 049 | |
| 17 | Domestic water sales (invoiced) without Priority WSZs for Caraboaia | Mil m ³ /year | 6 750 | 6 803 | 6 856 | 6 908 | 6 961 | 7 013 | 7 065 | 7 117 | 7 169 | 7 220 | 7 272 | 7 322 | 7 373 | 7 422 | 7 394 | |
| 18 | Domestic water sales (invoiced) in Priority WSZ Bacau | Mil m ³ /year | 7 823 | 7 988 | 8 053 | 8 118 | 8 182 | 8 246 | 8 310 | 8 374 | 8 438 | 8 501 | 8 564 | 8 627 | 8 689 | 8 749 | 8 798 | |
| 19 | Domestic water sales (invoiced) Total Bacau and Caraboaia | Mil m ³ /year | 6 750 | 6 803 | 6 856 | 6 908 | 6 961 | 7 013 | 7 065 | 7 117 | 7 169 | 7 220 | 7 272 | 7 322 | 7 373 | 7 422 | 7 394 | |
| 20 | Non-domestic customers WTP Caraboaia | Mil m ³ /year | 0 937 | 0 935 | 0 932 | 0 930 | 0 927 | 0 924 | 0 922 | 0 919 | 0 916 | 0 913 | 0 910 | 0 907 | 0 904 | 0 900 | 0 899 | |
| 21 | Non-domestic water sales (invoiced) in W 01 and W 02 without E | Mil m ³ /year | 0 968 | 0 969 | 0 970 | 0 971 | 0 972 | 0 973 | 0 974 | 0 975 | 0 976 | 0 977 | 0 978 | 0 979 | 0 980 | 0 981 | 0 982 | |
| 22 | Non-domestic water sales (invoiced) in Priority WSZs (Bacau-W) | Mil m ³ /year | 1 525 | 1 524 | 1 523 | 1 522 | 1 521 | 1 520 | 1 519 | 1 518 | 1 517 | 1 516 | 1 515 | 1 514 | 1 513 | 1 512 | 1 511 | |
| 23 | Non-domestic water sales (invoiced) TOTAL only Caraboaia | Mil m ³ /year | 1 525 | 1 524 | 1 523 | 1 522 | 1 521 | 1 520 | 1 519 | 1 518 | 1 517 | 1 516 | 1 515 | 1 514 | 1 513 | 1 512 | 1 511 | |
| 24 | Non-domestic customers WTP Barau | Mil m ³ /year | 3 336 | 3 369 | 3 403 | 3 437 | 3 471 | 3 506 | 3 541 | 3 576 | 3 612 | 3 648 | 3 685 | 3 722 | 3 759 | 3 796 | 3 834 | |
| 25 | Non-domestic water sales (invoiced) in Priority WSZ Bacau | Mil m ³ /year | 3 336 | 3 369 | 3 403 | 3 437 | 3 471 | 3 506 | 3 541 | 3 576 | 3 612 | 3 648 | 3 685 | 3 722 | 3 759 | 3 796 | 3 834 | |
| 26 | Non-domestic water sales (invoiced) TOTAL | Mil m ³ /year | 4 860 | 4 893 | 4 926 | 4 960 | 4 994 | 5 028 | 5 062 | 5 097 | 5 131 | 5 167 | 5 202 | 5 238 | 5 274 | 5 310 | 5 349 | |
| 27 | Invoiced quantities | | | | | | | | | | | | | | | | | |
| 28 | Total water sales (invoiced) in W 01 and W 02 without Priority W | Mil m ³ /year | 7 264 | 7 315 | 7 365 | 7 415 | 7 465 | 7 514 | 7 563 | 7 612 | 7 661 | 7 710 | 7 758 | 7 806 | 7 853 | 7 899 | 7 959 | |
| 29 | Total water sales (invoiced) in Priority WSZs only Caraboaia | Mil m ³ /year | 2 163 | 2 197 | 2 231 | 2 265 | 2 299 | 2 333 | 2 367 | 2 401 | 2 435 | 2 469 | 2 503 | 2 537 | 2 571 | 2 605 | 2 639 | |
| 30 | Total water sales (invoiced) TOTAL only Caraboaia | Mil m ³ /year | 9 448 | 9 512 | 9 577 | 9 641 | 9 705 | 9 768 | 9 831 | 9 894 | 9 957 | 10 020 | 10 082 | 10 143 | 10 204 | 10 264 | 10 323 | |
| 31 | Level of losses (as % in total water production) also considering f | % | 48% | 48% | 48% | 48% | 48% | 48% | 48% | 48% | 48% | 48% | 48% | 48% | 48% | 48% | 48% | |
| 32 | Total water production in W 01 and W 02 without Priority WSZs o | Mil m ³ /year | 13 970 | 14 088 | 14 184 | 14 260 | 14 326 | 14 381 | 14 426 | 14 461 | 14 486 | 14 511 | 14 536 | 14 561 | 14 586 | 14 611 | 14 636 | |
| 33 | Total water production in Priority WSZs only Caraboaia | Mil m ³ /year | 4 851 | 4 883 | 4 914 | 4 946 | 4 977 | 5 008 | 5 040 | 5 071 | 5 102 | 5 133 | 5 164 | 5 195 | 5 226 | 5 255 | 5 284 | |
| 34 | Total water production TOTAL only Caraboaia | Mil m ³ /year | 20 895 | 21 139 | 21 282 | 21 424 | 21 566 | 21 707 | 21 847 | 21 987 | 22 127 | 22 266 | 22 404 | 22 541 | 22 676 | 22 808 | 22 940 | |
| 35 | % change | % | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% | 0.6% | | |
| 36 | % change | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | -0.1% | -0.1% | -0.1% | -0.1% | -0.1% | -0.1% | 0.7% | | |
| 37 | % change | % | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.4% | | |
| 38 | % change | % | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% | 0.6% | | |
| 39 | % change | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | -0.1% | -0.1% | -0.1% | -0.1% | -0.1% | -0.1% | 0.7% | | |
| 40 | % change | % | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.4% | | |
| 41 | % change | % | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% | 0.6% | | |
| 42 | % change | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | -0.1% | -0.1% | -0.1% | -0.1% | -0.1% | -0.1% | 0.7% | | |
| 43 | % change | % | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.4% | | |

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Demand "without project" - Caraboaia

| | | Historical data | | | | | | | | | | | | Projection | | | |
|----|---|---------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------|---------|---------|---------|
| | | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
| 1 | Domestic customers | | | | | | | | | | | | | | | | |
| 2 | Population (registered) Bacau, City and Surroundings (W 01) | no | 202,552 | 202,254 | 201,945 | 201,625 | 201,300 | 200,974 | 200,648 | 200,322 | 199,996 | 199,670 | 199,344 | 199,018 | 198,692 | 198,366 | 198,040 |
| 3 | Population (registered) Monești Târnavești (W 02) | no | 188,958 | 188,775 | 188,592 | 188,405 | 188,213 | 188,022 | 187,837 | 187,651 | 187,465 | 187,279 | 187,093 | 186,907 | 186,721 | 186,535 | 186,349 |
| 4 | Population (registered) in W 01 si W 02 | no | 391,490 | 391,029 | 390,544 | 390,030 | 389,503 | 388,976 | 388,445 | 387,914 | 387,383 | 386,852 | 386,321 | 385,790 | 385,259 | 384,728 | 384,197 |
| 5 | Population connected to WTP Caraboaia and Barati in W 01 and W 02 | no | 277,982 | 284,544 | 283,763 | 283,372 | 283,018 | 282,661 | 282,328 | 281,999 | 281,651 | 281,274 | 280,958 | 280,634 | 279,878 | 279,313 | 278,702 |
| 6 | Level of connected to wtp in W 01 | % | 78% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% |
| 7 | Level of connected to wtp in W 02 | % | 64% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% |
| 8 | Level of connected to wtp in W 01 and W 02 | % | 71% | 73% | 76% | 79% | 82% | 85% | 88% | 91% | 93% | 96% | 97% | 99% | 99% | 99% | 100% |
| 9 | Population in Priority WSZs (registered) for WTPs | no | 244,540 | 244,148 | 243,748 | 242,915 | 242,532 | 242,150 | 241,794 | 241,440 | 241,075 | 240,689 | 240,276 | 239,810 | 239,310 | 238,769 | 238,191 |
| 10 | Population connected to WTP Caraboaia in Priority WSZs exclud | no | 42,188 | 42,111 | 42,033 | 41,953 | 41,874 | 41,800 | 41,727 | 41,658 | 41,521 | 41,448 | 41,371 | 41,286 | 41,195 | 41,095 | 40,991 |
| 11 | Population connected to WTP Car./new WTP Barati (only Bacal | no | 177,311 | 177,037 | 176,754 | 176,463 | 176,187 | 175,897 | 175,628 | 175,376 | 174,869 | 174,593 | 174,296 | 173,961 | 173,611 | 173,225 | 172,811 |
| 12 | Level of connected to WTPs in Priority WSZs | % | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 13 | Average water consumption per capita total County | LCD | 85 | 97 | 84 | 94 | 86 | 84 | 92 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 |
| 14 | Average water consumption per capita Agglomeration Bacau | LCD | 104 | 106 | 103 | 101 | 99 | 96 | 98 | 99 | 98 | 101 | 102 | 103 | 104 | 105 | 106 |
| 15 | Domestic customers WTP Caraboaia | Mill m ³ /year | 8,182 | 8,355 | 8,064 | 7,947 | 1,448 | 1,433 | 1,405 | 1,422 | 1,438 | 1,467 | 1,482 | 1,494 | 1,507 | 1,519 | 1,531 |
| 16 | Domestic water sales (invoiced) in Priority WSZs for Caraboaia | Mill m ³ /year | 2,031 | 2,309 | 2,244 | 2,236 | 2,259 | 2,239 | 2,200 | 2,229 | 2,257 | 2,283 | 2,308 | 2,335 | 2,357 | 2,424 | 2,424 |
| 17 | Domestic customers WTP Barati | Mill m ³ /year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 18 | Domestic water sales (invoiced) in Priority WSZ Bacau | Mill m ³ /year | 10,213 | 10,664 | 10,308 | 10,184 | 3,706 | 3,672 | 3,605 | 3,652 | 3,686 | 3,736 | 3,775 | 3,816 | 3,852 | 3,886 | 3,921 |
| 19 | Domestic water sales (invoiced) Caraboaia | Mill m ³ /year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 20 | Domestic water sales (invoiced) Total Barati and Caraboaia | Mill m ³ /year | - | - | - | - | 6,500 | 6,355 | 6,138 | 6,213 | 6,283 | 6,347 | 6,410 | 6,478 | 6,532 | 6,588 | 6,642 |
| 21 | Non-domestic customers WTP Caraboaia | Mill m ³ /year | 0,718 | 0,732 | 0,756 | 0,779 | 0,803 | 0,827 | 0,851 | 0,875 | 0,894 | 0,904 | 0,924 | 0,928 | 0,932 | 0,936 | 0,939 |
| 22 | Non-domestic water sales (invoiced) in W 01 and W 02 without P | Mill m ³ /year | 4,400 | 3,948 | 3,876 | 3,822 | 3,800 | 3,775 | 3,750 | 3,725 | 3,700 | 3,675 | 3,650 | 3,625 | 3,600 | 3,575 | 3,550 |
| 23 | Non-domestic water sales (invoiced) in Priority WSZs (Bacau-W | Mill m ³ /year | 5,118 | 4,680 | 4,632 | 4,601 | 1,392 | 1,401 | 1,419 | 1,445 | 1,465 | 1,478 | 1,488 | 1,503 | 1,508 | 1,513 | 1,518 |
| 24 | Non-domestic water sales (invoiced) TOTAL | Mill m ³ /year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 25 | Non-domestic customers WTP Barati | Mill m ³ /year | - | - | - | - | 3,170 | 3,102 | 3,020 | 3,035 | 3,065 | 3,096 | 3,127 | 3,158 | 3,190 | 3,222 | 3,254 |
| 26 | Non-domestic water sales (invoiced) in Priority WSZ Bacau | Mill m ³ /year | - | - | - | - | 3,170 | 3,102 | 3,020 | 3,035 | 3,065 | 3,096 | 3,127 | 3,158 | 3,190 | 3,222 | 3,254 |
| 27 | Non-domestic water sales (invoiced) TOTAL | Mill m ³ /year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 28 | Non-domestic water sales (invoiced) TOTAL Barati and Car | Mill m ³ /year | 5,118 | 4,680 | 4,632 | 4,601 | 4,552 | 4,504 | 4,459 | 4,480 | 4,530 | 4,572 | 4,614 | 4,656 | 4,693 | 4,730 | 4,767 |
| 29 | Invoiced quantities | | | | | | | | | | | | | | | | |
| 30 | Total water sales (invoiced) in W 01 and W 02 without Priority W | Mill m ³ /year | 2,749 | 3,041 | 3,000 | 3,015 | 3,066 | 3,050 | 3,104 | 3,151 | 3,187 | 3,222 | 3,258 | 3,295 | 3,312 | 3,338 | 3,363 |
| 31 | Total water sales (invoiced) in Priority WSZs only Caraboaia | Mill m ³ /year | 12,582 | 12,302 | 11,940 | 11,769 | 2,027 | 2,008 | 1,974 | 1,992 | 2,009 | 2,024 | 2,040 | 2,056 | 2,069 | 2,083 | 2,098 |
| 32 | Total water sales (invoiced) TOTAL only Caraboaia | Mill m ³ /year | 15,331 | 15,344 | 14,940 | 14,784 | 5,098 | 5,074 | 5,024 | 5,096 | 5,160 | 5,211 | 5,262 | 5,314 | 5,354 | 5,394 | 5,434 |
| 33 | Level of losses (as % in total water production) also considering r | % | 55% | 56.5% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% | 55% |
| 34 | Total water production in W 01 and W 02 without Priority WSZs d | Mill m ³ /year | 6,109 | 6,894 | 6,719 | 6,712 | 6,966 | 6,531 | 6,146 | 5,985 | 6,061 | 6,129 | 6,196 | 6,266 | 6,318 | 6,368 | 6,418 |
| 35 | Total water production in Priority WSZs only Caraboaia | Mill m ³ /year | 27,958 | 27,340 | 26,534 | 26,153 | 4,656 | 4,462 | 4,387 | 4,427 | 4,464 | 4,499 | 4,533 | 4,568 | 4,598 | 4,629 | 4,658 |
| 36 | Total water production TOTAL only Caraboaia | Mill m ³ /year | 34,068 | 34,097 | 33,201 | 32,864 | 11,308 | 11,275 | 11,165 | 11,325 | 11,466 | 11,581 | 11,693 | 11,808 | 11,899 | 11,988 | 12,075 |

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Demand "without project" - Caraboaia

| | | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|----|---|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | Domestic customers | | | | | | | | | | | | | | | | |
| 2 | Population (registered) Bacau City and Surroundings (W.01) | no. | 197,084 | 196,565 | 196,027 | 195,471 | 194,899 | 194,312 | 193,717 | 193,108 | 192,481 | 191,859 | 191,211 | 190,543 | 189,850 | 189,131 | 188,391 |
| | Population (registered) Inesti (W.02) | no. | 185,200 | 184,777 | 184,332 | 183,870 | 183,382 | 182,895 | 182,390 | 181,872 | 181,343 | 180,797 | 180,238 | 179,653 | 179,053 | 178,421 | 177,742 |
| | Population (registered) in W.01 and W.02 | no. | 382,284 | 381,342 | 380,359 | 379,341 | 378,291 | 377,287 | 376,107 | 374,980 | 373,834 | 372,696 | 371,447 | 370,189 | 368,903 | 367,552 | 366,152 |
| 3 | Population connected to WTP Caraboaia and Barati in W.01 and W.02 | no. | 278,047 | 277,357 | 276,637 | 275,893 | 275,124 | 274,331 | 273,503 | 272,103 | 271,666 | 271,068 | 270,122 | 268,205 | 267,278 | 267,278 | 267,278 |
| 4 | Level of connected to wtp in W.01 | % | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% |
| | Level of connected to wtp in W.02 | % | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% | 65% |
| | Level of connected to wtp in W.01 and W.02 | % | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| 4a | Population in Priority WSZs (registered) for WTPs | no. | 237,578 | 236,937 | 236,271 | 235,585 | 234,881 | 234,158 | 233,428 | 232,679 | 231,921 | 231,146 | 230,352 | 229,535 | 228,688 | 227,810 | 226,937 |
| | Population connected to WTP Caraboaia in Priority WSZs exclud | no. | 40,880 | 40,784 | 40,645 | 40,522 | 40,397 | 40,288 | 40,138 | 40,005 | 39,870 | 39,733 | 39,592 | 39,449 | 39,300 | 39,145 | 38,993 |
| | Population connected to WTP Car (new WTP Barati) (only Bacal | no. | 172,372 | 171,911 | 171,434 | 170,940 | 170,434 | 169,914 | 169,388 | 168,849 | 168,304 | 167,745 | 167,173 | 166,584 | 165,973 | 165,338 | 164,707 |
| | Level of connected to WTPs in Priority WSZs | % | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 5 | Average water consumption per capita total Country | LCD | 103 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 114 | 115 | 116 | 117 | 118 | 119 |
| | Average water consumption per capita Agglomeration Bacau | LCD | 107 | 108 | 110 | 111 | 112 | 113 | 114 | 115 | 117 | 118 | 119 | 120 | 122 | 123 | 123 |
| 6 | Domestic customers WTP Caraboaia | Mil m ³ /year | | | | | | | | | | | | | | | |
| | Domestic water sales (invoiced) in Priority WSZs for Caraboaia | Mil m ³ /year | 1,543 | 1,555 | 1,567 | 1,578 | 1,590 | 1,602 | 1,614 | 1,625 | 1,637 | 1,648 | 1,660 | 1,671 | 1,683 | 1,694 | 1,685 |
| | Domestic water sales (invoiced) without Priority WSZs for Carab | Mil m ³ /year | 2,446 | 2,467 | 2,488 | 2,510 | 2,531 | 2,552 | 2,573 | 2,594 | 2,615 | 2,636 | 2,656 | 2,677 | 2,697 | 2,717 | 2,758 |
| | Domestic customers WTP Barati | Mil m ³ /year | | | | | | | | | | | | | | | |
| | Domestic water sales (invoiced) in Priority WSZ Bacau | Mil m ³ /year | 6,750 | 6,803 | 6,856 | 6,908 | 6,961 | 7,013 | 7,065 | 7,117 | 7,169 | 7,220 | 7,272 | 7,322 | 7,373 | 7,422 | 7,384 |
| | Domestic water sales (invoiced) Caraboaia | Mil m ³ /year | 3,989 | 4,022 | 4,055 | 4,088 | 4,121 | 4,154 | 4,186 | 4,219 | 4,252 | 4,284 | 4,316 | 4,348 | 4,380 | 4,411 | 4,449 |
| | Domestic water sales (invoiced) Total Barati and Caraboaia | Mil m ³ /year | 6,750 | 6,803 | 6,856 | 6,908 | 6,961 | 7,013 | 7,065 | 7,117 | 7,169 | 7,220 | 7,272 | 7,322 | 7,373 | 7,422 | 7,384 |
| 7 | Non-domestic customers WTP Caraboaia | Mil m ³ /year | | | | | | | | | | | | | | | |
| | Non-domestic water sales (invoiced) in W.01 and W.02 without F | Mil m ³ /year | 0,937 | 0,935 | 0,932 | 0,930 | 0,927 | 0,924 | 0,922 | 0,919 | 0,916 | 0,913 | 0,910 | 0,907 | 0,904 | 0,900 | 0,919 |
| | Non-domestic water sales (invoiced) in Priority WSZs (Bacau-W | Mil m ³ /year | 0,580 | 0,581 | 0,582 | 0,583 | 0,584 | 0,585 | 0,586 | 0,587 | 0,589 | 0,590 | 0,591 | 0,592 | 0,593 | 0,594 | 0,595 |
| | Non-domestic water sales (invoiced) TOTAL only Caraboaia | Mil m ³ /year | 1,517 | 1,516 | 1,514 | 1,513 | 1,511 | 1,510 | 1,508 | 1,506 | 1,505 | 1,503 | 1,501 | 1,499 | 1,497 | 1,495 | 1,515 |
| 11 | Non-domestic customers WTP Barati | Mil m ³ /year | | | | | | | | | | | | | | | |
| | Non-domestic water sales (invoiced) in Priority WSZ Bacau | Mil m ³ /year | 3,319 | 3,352 | 3,386 | 3,420 | 3,454 | 3,488 | 3,523 | 3,559 | 3,594 | 3,630 | 3,666 | 3,703 | 3,740 | 3,778 | 3,815 |
| | Non-domestic water sales (invoiced) TOTAL | Mil m ³ /year | 3,319 | 3,352 | 3,386 | 3,420 | 3,454 | 3,488 | 3,523 | 3,559 | 3,594 | 3,630 | 3,666 | 3,703 | 3,740 | 3,778 | 3,815 |
| 14 | Non-domestic water sales (invoiced) TOTAL Barati and Car | Mil m ³ /year | 4,836 | 4,868 | 4,900 | 4,932 | 4,965 | 4,998 | 5,031 | 5,065 | 5,099 | 5,133 | 5,167 | 5,202 | 5,237 | 5,272 | 5,306 |
| 15 | Invoiced quantities | Mil m ³ /year | | | | | | | | | | | | | | | |
| 16 | Total water sales (invoiced) in W.01 and W.02 without Priority W | Mil m ³ /year | 3,383 | 3,402 | 3,421 | 3,439 | 3,458 | 3,476 | 3,495 | 3,513 | 3,531 | 3,549 | 3,566 | 3,584 | 3,601 | 3,617 | 3,667 |
| 17 | Total water sales (invoiced) in Priority WSZs | Mil m ³ /year | 2,123 | 2,136 | 2,149 | 2,161 | 2,174 | 2,187 | 2,200 | 2,213 | 2,225 | 2,238 | 2,251 | 2,263 | 2,276 | 2,288 | 2,281 |
| 18 | Total water sales (invoiced) TOTAL | Mil m ³ /year | 5,505 | 5,537 | 5,569 | 5,601 | 5,632 | 5,663 | 5,694 | 5,725 | 5,756 | 5,787 | 5,817 | 5,847 | 5,877 | 5,906 | 5,954 |
| 19 | Development of water sales - Caraboaia | % change | 0.9% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.7% | 0.7% | 0.9% | |
| 20 | Domestic consumption - water | % change | -0.1% | -0.1% | -0.1% | -0.1% | -0.1% | -0.1% | -0.1% | -0.1% | -0.1% | -0.1% | -0.1% | -0.1% | -0.1% | 0.7% | |
| 21 | Non-domestic consumption - water | % change | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.5% | 0.5% | 0.8% | |
| 22 | Total water sales (invoiced) | % change | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.5% | 0.5% | 0.8% | |
| 23 | Water production / losses - Caraboaia | Mil m ³ /year | | | | | | | | | | | | | | | |
| 24 | Total water sales (invoiced) in W.01 and W.02 without Priority W | Mil m ³ /year | 3,383 | 3,402 | 3,421 | 3,439 | 3,458 | 3,476 | 3,495 | 3,513 | 3,531 | 3,549 | 3,566 | 3,584 | 3,601 | 3,617 | 3,667 |
| 25 | Total water sales (invoiced) in Priority WSZs only Caraboaia | Mil m ³ /year | 2,123 | 2,136 | 2,149 | 2,161 | 2,174 | 2,187 | 2,200 | 2,213 | 2,225 | 2,238 | 2,251 | 2,263 | 2,276 | 2,288 | 2,281 |
| 26 | Total water sales (invoiced) TOTAL only Caraboaia | Mil m ³ /year | 5,505 | 5,537 | 5,569 | 5,601 | 5,632 | 5,663 | 5,694 | 5,725 | 5,756 | 5,787 | 5,817 | 5,847 | 5,877 | 5,906 | 5,954 |
| 27 | Level of losses (as % in total water production) also considering d | % | 48% | 48% | 48% | 48% | 48% | 48% | 48% | 48% | 48% | 48% | 48% | 48% | 48% | 48% | 48% |
| 28 | Total water production in W.01 and W.02 without Priority WSZs d | Mil m ³ /year | 6,505 | 6,542 | 6,578 | 6,614 | 6,650 | 6,685 | 6,720 | 6,755 | 6,790 | 6,824 | 6,858 | 6,892 | 6,925 | 6,957 | 7,052 |
| 29 | Total water production in Priority WSZs only Caraboaia | Mil m ³ /year | 4,717 | 4,746 | 4,774 | 4,803 | 4,832 | 4,860 | 4,889 | 4,917 | 4,945 | 4,974 | 5,002 | 5,030 | 5,057 | 5,084 | 5,081 |
| 30 | Total water production TOTAL only Caraboaia | Mil m ³ /year | 12,234 | 12,305 | 12,376 | 12,446 | 12,516 | 12,585 | 12,654 | 12,723 | 12,792 | 12,859 | 12,927 | 12,994 | 13,059 | 13,123 | 13,230 |

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Historical data

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Projection

| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Demand "with project" - Others

| | | | | | | | | | | | | | | | | |
|---|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 Domestic customers | | | | | | | | | | | | | | | | |
| 2 Population (registered) | 8,895 | 8,895 | 8,881 | 8,868 | 8,852 | 8,838 | 8,825 | 8,812 | 8,799 | 8,786 | 8,773 | 8,758 | 8,741 | 8,723 | 8,704 | 8,682 |
| 3 Population connected to water supply system | 8,006 | 8,006 | 7,993 | 7,980 | 7,966 | 7,954 | 7,942 | 7,931 | 7,919 | 7,908 | 7,895 | 7,882 | 7,867 | 7,851 | 7,833 | 7,815 |
| 4 Level of connected to water supply system | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 5 Average water consumption per capita | 70 | 72 | 69 | 68 | 67 | 67 | 65 | 65 | 66 | 67 | 68 | 69 | 69 | 70 | 71 | 72 |
| 6 Domestic water sales (invoiced) | 0.205 | 0.205 | 0.202 | 0.199 | 0.198 | 0.194 | 0.187 | 0.189 | 0.192 | 0.194 | 0.196 | 0.199 | 0.201 | 0.201 | 0.203 | 0.204 |
| 7 Population connected to wastewater system | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 Level of connected to the wastewater system | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| 9 Average WW volume per domestic consumer | 0 | 0 | 55 | 55 | 53 | 53 | 52 | 52 | 53 | 54 | 54 | 55 | 56 | 56 | 57 | 57 |
| 10 Domestic wastewater (invoiced) | | | | | | | | | | | | | | | | |
| 11 Non-domestic customers | | | | | | | | | | | | | | | | |
| 12 Non-domestic water sales (invoiced) | 0.145 | 0.145 | 0.123 | 0.121 | 0.118 | 0.116 | 0.114 | 0.115 | 0.116 | 0.117 | 0.118 | 0.119 | 0.121 | 0.122 | 0.123 | 0.124 |
| 13 Non-domestic wastewater (invoiced) | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 14 Invoiced quantities | | | | | | | | | | | | | | | | |
| 15 Total water sales (invoiced) | 0.350 | 0.354 | 0.325 | 0.319 | 0.317 | 0.310 | 0.301 | 0.304 | 0.308 | 0.311 | 0.314 | 0.317 | 0.320 | 0.323 | 0.326 | 0.329 |
| 16 Total wastewater (invoiced) | | | | | | | | | | | | | | | | |
| 17 Development of water / wastewater sales | | | | | | | | | | | | | | | | |
| 18 Domestic consumption - water | n/a | 2.4% | -3.6% | -1.7% | -0.2% | -2.2% | -3.4% | 1.2% | 1.1% | 1.0% | 1.0% | 1.0% | 0.9% | 0.8% | 0.8% | 0.8% |
| % change | | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 19 Domestic consumption - wastewater | n/a | 0.0% | -15.0% | -2.0% | -2.0% | -2.0% | -2.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% |
| % change | | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 20 Non-domestic consumption - water | n/a | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % change | | 1.4% | -8.3% | -1.8% | -0.9% | -2.2% | 2.8% | 1.1% | 1.1% | 1.0% | 1.0% | 1.0% | 0.9% | 0.8% | 0.8% | 0.8% |
| 21 Non-domestic consumption - wastewater | n/a | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % change | | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 22 Total water sales (invoiced) | | | | | | | | | | | | | | | | |
| % change | | | | | | | | | | | | | | | | |
| 23 Total wastewater (invoiced) | | | | | | | | | | | | | | | | |
| 24 Water production / losses | | | | | | | | | | | | | | | | |
| 25 Total water sales (invoiced) | 0.350 | 0.354 | 0.325 | 0.319 | 0.317 | 0.310 | 0.301 | 0.304 | 0.308 | 0.311 | 0.314 | 0.317 | 0.320 | 0.323 | 0.326 | 0.329 |
| 26 Level of losses (as % in total water production) | 51.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% |
| 27 Total water production | 0.713 | 0.709 | 0.650 | 0.638 | 0.633 | 0.620 | 0.602 | 0.608 | 0.615 | 0.621 | 0.628 | 0.634 | 0.640 | 0.646 | 0.651 | 0.657 |
| 28 Wastewater treated quantity | | | | | | | | | | | | | | | | |
| 29 Total wastewater (invoiced) | | | | | | | | | | | | | | | | |
| 30 Total level of infiltrations (%) | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 31 Total treated wastewater | | | | | | | | | | | | | | | | |

C.R. Apa Bacau S.A. - Annex 12

| 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Desand "with project"- Others

| | no. | 8.661 | 8.638 | 8.614 | 8.589 | 8.564 | 8.537 | 8.511 | 8.484 | 8.457 | 8.428 | 8.400 | 8.370 | 8.339 | 8.308 | 8.276 | 8.244 |
|---|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 Domestic customers | | | | | | | | | | | | | | | | | |
| 2 Population (registered) | no. | 7.795 | 7.714 | 7.752 | 7.730 | 7.707 | 7.684 | 7.660 | 7.636 | 7.611 | 7.586 | 7.560 | 7.533 | 7.505 | 7.477 | 7.448 | 7.420 |
| 3 Population connected to water supply system | % | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 4 Level of connected to water supply system | LCD | 72 | 73 | 74 | 75 | 75 | 76 | 77 | 78 | 79 | 80 | 80 | 81 | 82 | 83 | 84 | 84 |
| 5 Average water consumption per capita | Ml m ³ /year | 0.206 | 0.208 | 0.209 | 0.211 | 0.212 | 0.214 | 0.215 | 0.217 | 0.219 | 0.220 | 0.222 | 0.223 | 0.225 | 0.226 | 0.228 | 0.227 |
| 6 Domestic water sales (invoiced) | | | | | | | | | | | | | | | | | |
| 7 Population connected to wastewater system | no. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 Level of connected to wastewater system | % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| 9 Average MW volume per domestic consumer | LCD | 58 | 59 | 59 | 60 | 60 | 61 | 62 | 63 | 64 | 64 | 64 | 65 | 66 | 66 | 67 | 67 |
| 10 Domestic wastewater (invoiced) | Ml m ³ /year | | | | | | | | | | | | | | | | |
| 11 Non-domestic customers | | | | | | | | | | | | | | | | | |
| 12 Non-domestic water sales (invoiced) | Ml m ³ /year | 0.126 | 0.127 | 0.128 | 0.129 | 0.131 | 0.132 | 0.133 | 0.135 | 0.136 | 0.137 | 0.139 | 0.140 | 0.142 | 0.143 | 0.144 | 0.146 |
| 13 Non-domestic wastewater (invoiced) | Ml m ³ /year | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 14 Invoiced quantities | | | | | | | | | | | | | | | | | |
| 15 Total water sales (invoiced) | Ml m ³ /year | 0.331 | 0.334 | 0.337 | 0.340 | 0.343 | 0.346 | 0.349 | 0.352 | 0.355 | 0.358 | 0.361 | 0.363 | 0.366 | 0.369 | 0.372 | 0.373 |
| 16 Total wastewater (invoiced) | Ml m ³ /year | | | | | | | | | | | | | | | | |
| 17 Development of water / wastewater sales | | | | | | | | | | | | | | | | | |
| 18 Domestic consumption - water | % change | 0.6% | 0.6% | 0.6% | 0.6% | 0.6% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | -0.4% |
| 19 Domestic consumption - wastewater | % change | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 20 Non-domestic consumption - water | % change | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% |
| 21 Non-domestic consumption - wastewater | % change | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 22 Total water sales (invoiced) | % change | 0.9% | 0.9% | 0.9% | 0.9% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.2% |
| 23 Total wastewater (invoiced) | % change | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 24 Water production / losses | | | | | | | | | | | | | | | | | |
| 25 Total water sales (invoiced) | Ml m ³ /year | 0.331 | 0.334 | 0.337 | 0.340 | 0.343 | 0.346 | 0.349 | 0.352 | 0.355 | 0.358 | 0.361 | 0.363 | 0.366 | 0.369 | 0.372 | 0.373 |
| 26 Level of losses (as % in total water production) | % | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% |
| 27 Total water production | Ml m ³ /year | 0.663 | 0.669 | 0.674 | 0.680 | 0.686 | 0.692 | 0.699 | 0.703 | 0.709 | 0.715 | 0.721 | 0.727 | 0.733 | 0.739 | 0.744 | 0.748 |
| 28 Wastewater treated quantity | | | | | | | | | | | | | | | | | |
| 29 Total wastewater (invoiced) | Ml m ³ /year | | | | | | | | | | | | | | | | |
| 30 Total level of infiltrations (%) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 31 Total treated wastewater | Ml m ³ /year | | | | | | | | | | | | | | | | |

C.R. Apa Bacau S.A. - Annex 1-2

| Historical data | | Projection | | | | | | | | | | | | | | |
|-----------------|--|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2008 | | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |

Demand "without project" - Others

| | | no. | 8,895 | 8,891 | 8,866 | 8,852 | 8,838 | 8,825 | 8,812 | 8,799 | 8,786 | 8,773 | 8,758 | 8,741 | 8,723 | 8,704 | 8,683 |
|----|--|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | Domestic customers | | | | | | | | | | | | | | | | |
| 2 | Population (registered) | no. | 8,895 | 8,891 | 8,866 | 8,852 | 8,838 | 8,825 | 8,812 | 8,799 | 8,786 | 8,773 | 8,758 | 8,741 | 8,723 | 8,704 | 8,683 |
| 3 | Population connected to water supply system | no. | 8,006 | 7,993 | 7,980 | 7,966 | 7,954 | 7,942 | 7,931 | 7,919 | 7,908 | 7,895 | 7,882 | 7,867 | 7,851 | 7,833 | 7,815 |
| 4 | Level of connected to water supply system | % | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 5 | Average water consumption per capita | LCD | 70 | 69 | 68 | 67 | 66 | 65 | 64 | 63 | 62 | 61 | 60 | 59 | 58 | 57 | 56 |
| 6 | Domestic water sales (invoiced) | Mil m ³ /year | 0.205 | 0.202 | 0.199 | 0.196 | 0.192 | 0.184 | 0.177 | 0.170 | 0.163 | 0.156 | 0.149 | 0.142 | 0.135 | 0.128 | 0.121 |
| 7 | Population connected to wastewater system | no. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | Level of connected to the wastewater system | % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| 9 | Average WWV volume per domestic consumer | LCD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | Domestic wastewater (invoiced) | Mil m ³ /year | | | | | | | | | | | | | | | |
| 11 | Non-domestic customers | | | | | | | | | | | | | | | | |
| 12 | Non-domestic water sales (invoiced) | Mil m ³ /year | 0.145 | 0.123 | 0.121 | 0.116 | 0.114 | 0.111 | 0.115 | 0.116 | 0.117 | 0.118 | 0.119 | 0.121 | 0.122 | 0.123 | 0.124 |
| 13 | Non-domestic wastewater (invoiced) | Mil m ³ /year | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 14 | Invoiced quantities | | | | | | | | | | | | | | | | |
| 15 | Total water sales (invoiced) | Mil m ³ /year | 0.350 | 0.325 | 0.319 | 0.312 | 0.306 | 0.309 | 0.309 | 0.313 | 0.316 | 0.319 | 0.322 | 0.325 | 0.328 | 0.331 | 0.334 |
| 16 | Total wastewater (invoiced) | Mil m ³ /year | | | | | | | | | | | | | | | |
| 17 | Development of water / wastewater sales | | | | | | | | | | | | | | | | |
| 18 | Domestic consumption - water | % change | n/a | 2.4% | -1.7% | -0.2% | -1.3% | -1.8% | 1.2% | 1.1% | 1.0% | 1.0% | 1.0% | 0.9% | 0.8% | 0.8% | 0.8% |
| 19 | Domestic consumption - wastewater | % change | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| 20 | Non-domestic consumption - water | % change | n/a | 0.0% | -2.0% | -2.0% | -2.0% | -2.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% |
| 21 | Non-domestic consumption - wastewater | % change | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| 22 | Total water sales (invoiced) | % change | n/a | 1.4% | -1.8% | -1.6% | -1.8% | -1.9% | 1.1% | 1.1% | 1.0% | 1.0% | 1.0% | 0.9% | 0.9% | 0.9% | 0.9% |
| 23 | Total wastewater (invoiced) | % change | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| 24 | Water production / losses | | | | | | | | | | | | | | | | |
| 25 | Total water sales (invoiced) | Mil m ³ /year | 0.350 | 0.325 | 0.319 | 0.312 | 0.306 | 0.309 | 0.309 | 0.313 | 0.316 | 0.319 | 0.322 | 0.325 | 0.328 | 0.331 | 0.334 |
| 26 | Level of losses (as % in total water production) | % | 51.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% |
| 27 | Total water production | Mil m ³ /year | 0.713 | 0.709 | 0.639 | 0.623 | 0.611 | 0.618 | 0.625 | 0.631 | 0.638 | 0.644 | 0.650 | 0.656 | 0.662 | 0.668 | 0.674 |
| 28 | Wastewater treated quantity | | | | | | | | | | | | | | | | |
| 29 | Total wastewater (invoiced) | Mil m ³ /year | | | | | | | | | | | | | | | |
| 30 | Total level of infiltrations (%) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 31 | Total treated wastewater | Mil m ³ /year | | | | | | | | | | | | | | | |

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Demand "without project" - Others

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|---|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 Domestic customers | | | | | | | | | | | | | | | | |
| 2 Population (registered) | no | 8,638 | 8,614 | 8,599 | 8,564 | 8,537 | 8,511 | 8,484 | 8,457 | 8,429 | 8,400 | 8,370 | 8,339 | 8,308 | 8,276 | 8,244 |
| 3 Population connected to water supply system | no | 7,795 | 7,774 | 7,750 | 7,707 | 7,684 | 7,660 | 7,636 | 7,611 | 7,586 | 7,560 | 7,533 | 7,505 | 7,477 | 7,448 | 7,420 |
| 4 Level of connected to water supply system | % | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 5 Average water consumption per capita | LCD | 74 | 75 | 77 | 77 | 78 | 79 | 80 | 81 | 82 | 82 | 83 | 84 | 85 | 86 | 86 |
| 6 Domestic water sales (invoiced) | Mill m ³ /year | 0,211 | 0,213 | 0,214 | 0,216 | 0,219 | 0,221 | 0,223 | 0,224 | 0,226 | 0,228 | 0,229 | 0,231 | 0,232 | 0,234 | 0,233 |
| 7 Population connected to wastewater system | no | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 Level of connected to the wastewater system | % | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| 9 Average WWV volume per domestic consumer | LCD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 Domestic wastewater (invoiced) | Mill m ³ /year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11 Non-domestic customers | | | | | | | | | | | | | | | | |
| 12 Non-domestic water sales (invoiced) | Mill m ³ /year | 0,126 | 0,127 | 0,129 | 0,131 | 0,132 | 0,133 | 0,135 | 0,136 | 0,137 | 0,139 | 0,140 | 0,142 | 0,143 | 0,144 | 0,146 |
| 13 Non-domestic wastewater (invoiced) | Mill m ³ /year | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 |
| 14 Invoiced quantities | | | | | | | | | | | | | | | | |
| 15 Total water sales (invoiced) | Mill m ³ /year | 0,337 | 0,340 | 0,343 | 0,346 | 0,351 | 0,354 | 0,357 | 0,360 | 0,363 | 0,366 | 0,369 | 0,372 | 0,375 | 0,378 | 0,379 |
| 16 Total wastewater (invoiced) | Mill m ³ /year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 17 Development of water / wastewater sales | | | | | | | | | | | | | | | | |
| 18 Domestic consumption - water | % change | 0,8% | 0,8% | 0,8% | 0,8% | 0,7% | 0,7% | 0,7% | 0,7% | 0,7% | 0,7% | 0,7% | 0,7% | 0,7% | 0,7% | -0,4% |
| 19 Domestic consumption - wastewater | % change | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| 20 Non-domestic consumption - water | % change | 1,0% | 1,0% | 1,0% | 1,0% | 1,0% | 1,0% | 1,0% | 1,0% | 1,0% | 1,0% | 1,0% | 1,0% | 1,0% | 1,0% | 1,0% |
| 21 Non-domestic consumption - wastewater | % change | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| 22 Total water sales (invoiced) | % change | 0,9% | 0,9% | 0,9% | 0,9% | 0,9% | 0,8% | 0,8% | 0,8% | 0,8% | 0,8% | 0,8% | 0,8% | 0,8% | 0,8% | 0,1% |
| 23 Total wastewater (invoiced) | % change | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| 24 Water production / losses | | | | | | | | | | | | | | | | |
| 25 Total water sales (invoiced) | Mill m ³ /year | 0,337 | 0,340 | 0,343 | 0,346 | 0,351 | 0,354 | 0,357 | 0,360 | 0,363 | 0,366 | 0,369 | 0,372 | 0,375 | 0,378 | 0,379 |
| 26 Level of losses (as % in total water production) | % | 50,0% | 50,0% | 50,0% | 50,0% | 50,0% | 50,0% | 50,0% | 50,0% | 50,0% | 50,0% | 50,0% | 50,0% | 50,0% | 50,0% | 50,0% |
| 27 Total water production | Mill m ³ /year | 0,674 | 0,679 | 0,685 | 0,691 | 0,697 | 0,703 | 0,709 | 0,715 | 0,721 | 0,726 | 0,732 | 0,738 | 0,744 | 0,750 | 0,757 |
| 28 Wastewater treated quantity | | | | | | | | | | | | | | | | |
| 29 Total wastewater (invoiced) | Mill m ³ /year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 Total level of infiltrations (%) | % | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% |
| 31 Total treated wastewater | Mill m ³ /year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

C.R. Aot Braila S.A. - Annex 14

Managed data
2008

►►► Projection ►►►
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023

Operating costs - "with project" - (EUR - real terms)

| A | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Total O&M Cost Water Supply System | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Total O&M Cost Water Supply System |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------------|
| Raw water costs | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 10.88 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 10.88 |
| Materials / chemicals (related to existing system) | 0.319 | 0.369 | 0.419 | 0.469 | 0.519 | 0.569 | 0.619 | 0.669 | 0.719 | 0.769 | 0.819 | 0.869 | 8.48 | 0.319 | 0.369 | 0.419 | 0.469 | 0.519 | 0.569 | 0.619 | 0.669 | 0.719 | 0.769 | 0.819 | 0.869 | 8.48 |
| Electricity (related to existing system) | 1.132 | 1.091 | 1.050 | 1.009 | 0.968 | 0.927 | 0.886 | 0.845 | 0.804 | 0.763 | 0.722 | 0.681 | 6.85 | 1.132 | 1.091 | 1.050 | 1.009 | 0.968 | 0.927 | 0.886 | 0.845 | 0.804 | 0.763 | 0.722 | 0.681 | 6.85 |
| Personnel costs | 3.586 | 3.114 | 2.642 | 2.170 | 1.698 | 1.226 | 0.754 | 0.282 | 0.000 | 0.000 | 0.000 | 0.000 | 10.88 | 3.586 | 3.114 | 2.642 | 2.170 | 1.698 | 1.226 | 0.754 | 0.282 | 0.000 | 0.000 | 0.000 | 0.000 | 10.88 |
| Maintenance / repair (related to existing system) | 0.294 | 0.222 | 0.150 | 0.078 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.88 | 0.294 | 0.222 | 0.150 | 0.078 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.88 |
| Depreciation | 0.340 | 0.430 | 0.520 | 0.610 | 0.700 | 0.790 | 0.880 | 0.970 | 1.060 | 1.150 | 1.240 | 1.330 | 13.22 | 0.340 | 0.430 | 0.520 | 0.610 | 0.700 | 0.790 | 0.880 | 0.970 | 1.060 | 1.150 | 1.240 | 1.330 | 13.22 |
| Concession fee | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 2.38 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 2.38 |
| General Administration | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 1.90 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 1.90 |
| MI EUR | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 34.82 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 34.82 |
| MI EUR | 10.88 | 11.04 | 11.20 | 11.36 | 11.52 | 11.68 | 11.84 | 12.00 | 12.16 | 12.32 | 12.48 | 12.64 | 14.00 | 10.88 | 11.04 | 11.20 | 11.36 | 11.52 | 11.68 | 11.84 | 12.00 | 12.16 | 12.32 | 12.48 | 12.64 | 14.00 |

Operating costs - "without project" - (EUR - real terms)

| A | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Total O&M Cost Water Supply System | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Total O&M Cost Water Supply System |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------------|
| Raw water costs | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 10.88 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 1.03 | 10.88 |
| Materials / chemicals (related to existing system) | 0.319 | 0.369 | 0.419 | 0.469 | 0.519 | 0.569 | 0.619 | 0.669 | 0.719 | 0.769 | 0.819 | 0.869 | 8.48 | 0.319 | 0.369 | 0.419 | 0.469 | 0.519 | 0.569 | 0.619 | 0.669 | 0.719 | 0.769 | 0.819 | 0.869 | 8.48 |
| Electricity (related to existing system) | 1.132 | 1.091 | 1.050 | 1.009 | 0.968 | 0.927 | 0.886 | 0.845 | 0.804 | 0.763 | 0.722 | 0.681 | 6.85 | 1.132 | 1.091 | 1.050 | 1.009 | 0.968 | 0.927 | 0.886 | 0.845 | 0.804 | 0.763 | 0.722 | 0.681 | 6.85 |
| Personnel costs | 3.586 | 3.114 | 2.642 | 2.170 | 1.698 | 1.226 | 0.754 | 0.282 | 0.000 | 0.000 | 0.000 | 0.000 | 10.88 | 3.586 | 3.114 | 2.642 | 2.170 | 1.698 | 1.226 | 0.754 | 0.282 | 0.000 | 0.000 | 0.000 | 0.000 | 10.88 |
| Maintenance / repair (related to existing system) | 0.294 | 0.222 | 0.150 | 0.078 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.88 | 0.294 | 0.222 | 0.150 | 0.078 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.88 |
| Depreciation | 0.340 | 0.430 | 0.520 | 0.610 | 0.700 | 0.790 | 0.880 | 0.970 | 1.060 | 1.150 | 1.240 | 1.330 | 13.22 | 0.340 | 0.430 | 0.520 | 0.610 | 0.700 | 0.790 | 0.880 | 0.970 | 1.060 | 1.150 | 1.240 | 1.330 | 13.22 |
| Concession fee | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 2.38 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 0.198 | 2.38 |
| General Administration | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 1.90 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 0.157 | 1.90 |
| MI EUR | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 34.82 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 2.894 | 34.82 |
| MI EUR | 10.88 | 11.04 | 11.20 | 11.36 | 11.52 | 11.68 | 11.84 | 12.00 | 12.16 | 12.32 | 12.48 | 12.64 | 14.00 | 10.88 | 11.04 | 11.20 | 11.36 | 11.52 | 11.68 | 11.84 | 12.00 | 12.16 | 12.32 | 12.48 | 12.64 | 14.00 |

C.R. Apa Bacau SA - Annex 1.4

| | Historical data | | Projection | | | | | | | | | | | | | | |
|--|-----------------|-------|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | |
| Incremental operating costs - (EUR - mil terms) | | | | | | | | | | | | | | | | | |
| A O&M Cost of Water Supply System | | | | | | | | | | | | | | | | | |
| 1 | EUR | 0.000 | 0.000 | 0.016 | 0.019 | 0.032 | 0.041 | 0.050 | 0.062 | 0.071 | 0.078 | 0.084 | 0.091 | 0.095 | 0.100 | 0.105 | 0.109 |
| 2 | EUR | 0.000 | 0.000 | 0.000 | 0.007 | 0.021 | -0.208 | -0.209 | -0.227 | -0.229 | -0.231 | -0.233 | -0.235 | -0.239 | -0.242 | -0.244 | -0.244 |
| 3 | EUR | 0.000 | 0.000 | 0.000 | 0.351 | 0.351 | 0.351 | 0.350 | 0.367 | 0.383 | 0.395 | 0.408 | 0.421 | 0.431 | 0.442 | 0.453 | 0.463 |
| 4 | EUR | 0.000 | 0.000 | 0.012 | 0.026 | -0.478 | -0.487 | -0.450 | -0.461 | -0.473 | -0.485 | -0.497 | -0.509 | -0.521 | -0.533 | -0.546 | -0.558 |
| 5 | EUR | 0.000 | 0.000 | 0.000 | 0.387 | 0.387 | 0.389 | 0.388 | 0.410 | 0.429 | 0.445 | 0.461 | 0.478 | 0.493 | 0.507 | 0.522 | 0.537 |
| 6 | EUR | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 7 | EUR | 0.000 | 0.000 | -0.001 | -0.002 | -0.003 | -0.005 | -0.007 | -0.007 | -0.007 | -0.007 | -0.007 | -0.007 | -0.007 | -0.006 | -0.006 | -0.006 |
| 8 | EUR | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.131 | 0.132 | 0.134 | 0.136 | 0.138 | 0.139 | 0.140 | 0.141 | 0.143 | |
| 9 | EUR | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | |
| 10 | EUR | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | |
| 11 | EUR | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | 0.011 | 0.011 | 0.011 | |
| 12 | Mill. EUR | 0.000 | 0.000 | 0.028 | 0.050 | 0.071 | 0.101 | 0.232 | 0.286 | 0.318 | 0.340 | 0.363 | 0.397 | 0.403 | 0.420 | 0.455 | |
| B O&M Cost of Wastewater System | | | | | | | | | | | | | | | | | |
| 1 | EUR | 0.000 | 0.000 | -0.001 | -0.004 | -0.005 | -0.004 | -0.002 | -0.002 | -0.002 | -0.002 | -0.001 | -0.001 | 0.000 | 0.000 | 0.000 | |
| 2 | EUR | 0.000 | 0.000 | 0.000 | 0.000 | 0.511 | 0.532 | 0.555 | 0.565 | 0.571 | 0.578 | 0.585 | 0.591 | 0.598 | 0.607 | 0.616 | |
| 3 | EUR | 0.000 | 0.000 | -0.003 | -0.002 | -0.140 | -0.142 | -0.144 | -0.146 | -0.149 | -0.152 | -0.155 | -0.158 | -0.163 | -0.166 | -0.169 | |
| 4 | EUR | 0.000 | 0.000 | 0.000 | 0.000 | 0.486 | 0.505 | 0.524 | 0.534 | 0.547 | 0.559 | 0.572 | 0.585 | 0.598 | 0.612 | 0.626 | |
| 5 | EUR | 0.000 | 0.000 | 0.000 | 0.000 | 0.055 | 0.273 | 0.282 | 0.284 | 0.307 | 0.322 | 0.338 | 0.355 | 0.369 | 0.389 | 0.406 | |
| 6 | EUR | 0.000 | 0.000 | -0.044 | -0.046 | 0.000 | 0.000 | 0.284 | 0.294 | 0.307 | 0.322 | 0.338 | 0.355 | 0.369 | 0.389 | 0.406 | |
| 7 | EUR | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.098 | 0.133 | 0.134 | 0.135 | 0.098 | 0.066 | 0.067 | 0.222 | 0.224 | |
| 8 | EUR | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | |
| 9 | EUR | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | |
| 10 | EUR | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | |
| 11 | EUR | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.233 | 0.233 | 0.237 | 0.238 | 0.240 | 0.242 | 0.244 | 0.247 | 0.249 | |
| 12 | Mill. EUR | 0.000 | 0.000 | -0.033 | 0.020 | 0.066 | 0.832 | 1.734 | 1.566 | 1.662 | 1.573 | 1.785 | 1.793 | 1.840 | 1.953 | 1.865 | |
| C Total incremental O&M Cost of W & WW System | | | | | | | | | | | | | | | | | |
| | Mill. EUR | 0.000 | 0.000 | -0.005 | 0.009 | 0.066 | 0.734 | 1.906 | 1.836 | 1.880 | 1.913 | 2.149 | 2.185 | 2.213 | 2.260 | 2.290 | |

Debt Service related to existing loans

| | | | | | | | | | | | | | | | | |
|--------------------|---|-----------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | Debt service to EBRD loan for MUDP | Mill. EUR | 0.288 | 0.291 | 0.144 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | Principal Payment | Mill. EUR | 0.284 | 0.284 | 0.142 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | Loan forgiveness | Mill. EUR | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | Balance of loan | Mill. EUR | 0.709 | 0.425 | 0.142 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | Interest | Mill. EUR | 2.605% | 0.014 | 0.007 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Debt service EBRD loan for ISPA | Mill. EUR | 1.952 | 1.902 | 1.852 | 1.801 | 1.761 | 1.701 | 1.650 | 1.600 | 1.550 | 1.500 | 1.450 | 1.400 | 1.350 | 1.300 |
| | Principal Payment | Mill. EUR | 1.625 | 1.625 | 1.625 | 1.625 | 1.625 | 1.625 | 1.625 | 1.625 | 1.625 | 1.625 | 1.625 | 1.625 | 1.625 | 1.625 |
| | Loan forgiveness | Mill. EUR | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | Balance of loan | Mill. EUR | 11.375 | 9.750 | 8.125 | 6.500 | 4.875 | 3.250 | 1.625 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | Interest | Mill. EUR | 3.105% | 0.327 | 0.277 | 0.176 | 0.126 | 0.076 | 0.025 | - | - | - | - | - | - | - |
| | Rehabilitation measures financed from tariff investment | Mill. EUR | 1.750 | 1.750 | 1.500 | - | - | - | - | - | - | - | - | - | - | - |
| | Disbursement of loan | Mill. EUR | 1.750 | 1.750 | 1.500 | - | - | - | - | - | - | - | - | - | - | - |
| | Loan forgiveness | Mill. EUR | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | Balance of loan | Mill. EUR | 1.750 | 3.500 | 5.000 | 4.867 | 4.167 | 3.750 | 3.333 | 2.917 | 2.500 | 2.083 | 1.667 | 1.250 | 0.833 | 0.417 |
| | Interest | Mill. EUR | 4.0% | 0.070 | 0.105 | 0.170 | 0.158 | 0.138 | 0.118 | 0.102 | 0.085 | 0.075 | 0.067 | 0.058 | 0.050 | 0.042 |
| Total debt service | Mill. EUR | 0.070 | 0.105 | 0.170 | 0.608 | 0.592 | 0.375 | 0.375 | 0.375 | 0.542 | 0.525 | 0.482 | 0.475 | 0.458 | 0.442 | |

C.R. Agh Bacau S.A. - Annex 14

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Incremental operating costs - (EUR - real terms)

| | EUR | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|--|--|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| A O&M Cost of Water Supply System | | | | | | | | | | | | | | | | | |
| 1 | Raw water costs | EUR | 0.111 | 0.114 | 0.116 | 0.118 | 0.120 | 0.122 | 0.124 | 0.126 | 0.128 | 0.131 | 0.133 | 0.136 | 0.140 | 0.142 | 0.144 |
| 2 | Materials / chemicals (related to existing system) | EUR | -0.246 | -0.248 | -0.251 | -0.253 | -0.255 | -0.258 | -0.260 | -0.263 | -0.265 | -0.267 | -0.270 | -0.272 | -0.277 | -0.278 | -0.281 |
| 3 | Materials / chemicals (related to measures) | EUR | 0.472 | 0.480 | 0.489 | 0.497 | 0.506 | 0.515 | 0.524 | 0.533 | 0.542 | 0.551 | 0.561 | 0.570 | 0.580 | 0.590 | 0.597 |
| 4 | Electricity (related to existing system) | EUR | -0.571 | -0.584 | -0.597 | -0.610 | -0.624 | -0.638 | -0.652 | -0.666 | -0.681 | -0.696 | -0.711 | -0.727 | -0.743 | -0.759 | -0.774 |
| 5 | Electricity (related to measures) | EUR | 0.549 | 0.562 | 0.574 | 0.587 | 0.601 | 0.614 | 0.628 | 0.642 | 0.656 | 0.671 | 0.686 | 0.701 | 0.716 | 0.732 | 0.748 |
| 6 | Personnel costs | EUR | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 7 | Maintenance / repair (related to existing system) | EUR | -0.006 | -0.006 | -0.006 | -0.006 | -0.006 | -0.006 | -0.005 | -0.005 | -0.005 | -0.005 | -0.005 | -0.005 | -0.004 | -0.004 | -0.005 |
| 8 | Maintenance / repair (related to measures) | EUR | 0.144 | 0.146 | 0.147 | 0.148 | 0.150 | 0.152 | 0.153 | 0.155 | 0.158 | 0.159 | 0.161 | 0.162 | 0.164 | 0.165 | 0.167 |
| 9 | Depreciation | EUR | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 10 | Concession fee | EUR | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 11 | General Administration | EUR | 0.011 | 0.011 | 0.011 | 0.011 | 0.011 | 0.012 | 0.012 | 0.012 | 0.012 | 0.012 | 0.012 | 0.012 | 0.012 | 0.012 | 0.013 |
| 12 | Total O&M Cost Water Supply System | Mill. EUR | 0.464 | 0.474 | 0.484 | 0.493 | 0.503 | 0.513 | 0.523 | 0.534 | 0.544 | 0.555 | 0.565 | 0.576 | 0.587 | 0.598 | 0.609 |
| B O&M Cost of Wastewater System | | | | | | | | | | | | | | | | | |
| 1 | Materials / chemicals (related to existing system) | EUR | 0.000 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 | 0.006 |
| 2 | Materials / chemicals (related to measures) | EUR | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 3 | Electricity (related to existing system) | EUR | 0.172 | 0.175 | 0.178 | 0.181 | 0.184 | 0.188 | 0.191 | 0.194 | 0.198 | 0.201 | 0.205 | 0.208 | 0.211 | 0.214 | 0.217 |
| 4 | Electricity (related to measures) | EUR | 0.445 | 0.457 | 0.469 | 0.481 | 0.493 | 0.506 | 0.518 | 0.531 | 0.543 | 0.556 | 0.568 | 0.581 | 0.593 | 0.605 | 0.617 |
| 5 | Personnel costs | EUR | -0.052 | -0.052 | -0.052 | -0.052 | -0.052 | -0.052 | -0.052 | -0.052 | -0.052 | -0.052 | -0.052 | -0.052 | -0.052 | -0.052 | -0.052 |
| 6 | Maintenance / repair (related to existing system) | EUR | -0.052 | -0.052 | -0.052 | -0.052 | -0.052 | -0.052 | -0.052 | -0.052 | -0.052 | -0.052 | -0.052 | -0.052 | -0.052 | -0.052 | -0.052 |
| 7 | Maintenance / repair (related to measures) | EUR | 1.426 | 1.444 | 1.458 | 1.471 | 1.487 | 1.502 | 1.517 | 1.532 | 1.548 | 1.563 | 1.579 | 1.595 | 1.611 | 1.627 | 1.643 |
| 8 | Depreciation | EUR | 0.227 | 0.228 | 0.229 | 0.231 | 0.232 | 0.233 | 0.234 | 0.236 | 0.237 | 0.238 | 0.240 | 0.241 | 0.242 | 0.243 | 0.245 |
| 9 | Concession fee | EUR | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 10 | General Administration | EUR | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 11 | Total O&M Cost Wastewater System | Mill. EUR | 1.877 | 1.897 | 1.915 | 1.931 | 1.947 | 1.963 | 1.979 | 1.995 | 2.011 | 2.027 | 2.043 | 2.059 | 2.075 | 2.091 | 2.107 |
| C | Total Incremental O&M Cost of W & WW System | Mill. EUR | 2.341 | 2.370 | 2.379 | 2.397 | 2.416 | 2.432 | 2.449 | 2.464 | 2.480 | 2.496 | 2.512 | 2.528 | 2.543 | 2.559 | 2.574 |

Debt Service related to existing loans

| | | | | | | | | | | | | | | | | | |
|---|--|-----------|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Debt service to EBRD loan (or MUDIP) | Mill. EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Principal Repayment | Mill. EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Interest | Mill. EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Loan Disbursement | Mill. EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Balance of loan | Mill. EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | Debt service EBRD loan (or SPA) | Mill. EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Principal Repayment | Mill. EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Interest | Mill. EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Loan Disbursement | Mill. EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Balance of loan | Mill. EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Interest | Mill. EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Rehabilitation measures financed from tariff | Mill. EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Investment | Mill. EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Disbursement of loan | Mill. EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Loan repayment | Mill. EUR | 0.117 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Balance of loan | Mill. EUR | 0.008 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Interest | Mill. EUR | 0.008 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Total debt service | Mill. EUR | 0.125 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Historical data >>> Projection >>>
2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023

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Operating Costs - "With Project" - Bacau

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 1 O&M Cost of Wastewater Systems | | | | | | | | | | | | | | | | |
| Materials / chemicals (related to existing system) | 164,210 | 160,412 | 158,929 | 155,007 | 152,640 | 150,528 | 148,528 | 146,631 | 144,828 | 143,119 | 141,495 | 139,954 | 138,486 | 137,089 | 135,749 | 134,458 |
| Electricity (related to existing system) | 145,742 | 141,117 | 136,589 | 132,055 | 127,518 | 122,978 | 118,435 | 113,888 | 109,337 | 104,783 | 100,226 | 95,666 | 91,106 | 86,543 | 81,977 | 77,403 |
| Personnel costs | 1,398,749 | 1,378,494 | 1,358,258 | 1,338,031 | 1,317,804 | 1,297,577 | 1,277,350 | 1,257,123 | 1,236,896 | 1,216,669 | 1,196,442 | 1,176,215 | 1,155,988 | 1,135,761 | 1,115,534 | 1,095,307 |
| Maintenance / repair (related to existing system) | 86,532 | 85,855 | 85,178 | 84,501 | 83,824 | 83,147 | 82,470 | 81,793 | 81,116 | 80,439 | 79,762 | 79,085 | 78,408 | 77,731 | 77,054 | 76,377 |
| Depreciation | 181,008 | 168,920 | 156,832 | 144,744 | 132,656 | 120,568 | 108,480 | 96,392 | 84,304 | 72,216 | 60,128 | 48,040 | 35,952 | 23,864 | 11,776 | 0 |
| Gravel Administration | 68,617 | 54,420 | 40,224 | 26,028 | 11,832 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 2,629,818 | 2,509,249 | 2,425,022 | 2,340,795 | 2,256,568 | 2,172,341 | 2,088,114 | 2,003,887 | 1,919,660 | 1,835,433 | 1,751,206 | 1,666,979 | 1,582,752 | 1,498,525 | 1,414,298 | 1,330,071 |
| 13 Materials / chemicals (related to existing system) | | | | | | | | | | | | | | | | |
| Materials / chemicals (related to measure) | 164,210 | 160,412 | 158,929 | 155,007 | 152,640 | 150,528 | 148,528 | 146,631 | 144,828 | 143,119 | 141,495 | 139,954 | 138,486 | 137,089 | 135,749 | 134,458 |
| Fertilizer subject | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Average dose | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| Unit cost | 21,855,956 | 21,608,742 | 20,887,285 | 20,166,825 | 19,446,368 | 18,725,911 | 18,005,454 | 17,285,000 | 16,564,543 | 15,844,086 | 15,123,629 | 14,403,172 | 13,682,715 | 12,962,258 | 12,241,801 | 11,521,344 |
| Wastewater quantity | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Polymer | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Average dose | 0.0038 | 0.0038 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| Unit cost | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Yearly sludge volume | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Chemicals and reagents for laboratory | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Consumables (paper, lower, etc) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total materials / chemicals costs (related to measure) | | | | | | | | | | | | | | | | |
| Electricity (related to existing system) | 145,742 | 141,117 | 136,589 | 132,055 | 127,518 | 122,978 | 118,435 | 113,888 | 109,337 | 104,783 | 100,226 | 95,666 | 91,106 | 86,543 | 81,977 | 77,403 |
| Total energy consumption | 145,742 | 141,117 | 136,589 | 132,055 | 127,518 | 122,978 | 118,435 | 113,888 | 109,337 | 104,783 | 100,226 | 95,666 | 91,106 | 86,543 | 81,977 | 77,403 |
| Average energy price | 0.125 | 0.071 | 0.074 | 0.075 | 0.076 | 0.077 | 0.078 | 0.079 | 0.080 | 0.081 | 0.082 | 0.083 | 0.084 | 0.085 | 0.086 | 0.087 |
| Total energy costs | 18,218 | 10,078 | 10,109 | 10,140 | 10,171 | 10,202 | 10,233 | 10,264 | 10,295 | 10,326 | 10,357 | 10,388 | 10,419 | 10,450 | 10,481 | 10,512 |
| Electricity (related to measure) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total energy consumption | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Average energy price | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total energy costs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Average unitary energy consumption | 0.09 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 |
| Personnel costs | 1,398,749 | 1,378,494 | 1,358,258 | 1,338,031 | 1,317,804 | 1,297,577 | 1,277,350 | 1,257,123 | 1,236,896 | 1,216,669 | 1,196,442 | 1,176,215 | 1,155,988 | 1,135,761 | 1,115,534 | 1,095,307 |
| Number of personnel for the existing system | 198 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| Increase/decrease of personnel as result of measure | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total number of personnel | 198 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| Average monthly gross salaries | 450 | 495 | 540 | 585 | 630 | 675 | 720 | 765 | 810 | 855 | 900 | 945 | 990 | 1,035 | 1,080 | 1,125 |
| Salaries related taxes paid by the employer | 1,439,749 | 1,278,494 | 1,278,494 | 1,278,494 | 1,278,494 | 1,278,494 | 1,278,494 | 1,278,494 | 1,278,494 | 1,278,494 | 1,278,494 | 1,278,494 | 1,278,494 | 1,278,494 | 1,278,494 | 1,278,494 |
| Total personnel costs | 1,838,498 | 1,656,988 | 1,636,752 | 1,616,516 | 1,596,280 | 1,576,044 | 1,555,808 | 1,535,572 | 1,515,336 | 1,495,100 | 1,474,864 | 1,454,628 | 1,434,392 | 1,414,156 | 1,393,920 | 1,373,684 |
| Maintenance (related to existing system) | 86,532 | 85,855 | 85,178 | 84,501 | 83,824 | 83,147 | 82,470 | 81,793 | 81,116 | 80,439 | 79,762 | 79,085 | 78,408 | 77,731 | 77,054 | 76,377 |
| Investment for investments on the maintenance costs of existing systems (% increase or decrease) | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Maintenance costs (related to existing system) | 86,532 | 85,855 | 85,178 | 84,501 | 83,824 | 83,147 | 82,470 | 81,793 | 81,116 | 80,439 | 79,762 | 79,085 | 78,408 | 77,731 | 77,054 | 76,377 |
| Maintenance / repair (related to measure) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Percentage of maintenance costs in total investment costs (plant and machinery) | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Percentage of maintenance costs in total investment costs (main works) | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Maintenance costs (related to measure) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Deposited sludge disposal | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 |
| Average unit cost of deposited sludge disposal | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Average yearly quantity of deposited sludge | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total costs with sludge disposal | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

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Historical data 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023

2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023

Operating Costs - "Without Project" - Bacau

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | |
|--|--------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---------|
| OSM Cost of Water Supply System | | | | | | | | | | | | | | | | | |
| 1 Raw water costs | EUR | 725 151 | 673 770 | 709 491 | 693 478 | 216 250 | 206 548 | 200 694 | 204 983 | 209 060 | 213 252 | 217 576 | 221 763 | 225 980 | 230 261 | 234 598 | |
| 2 Materials / chemicals (related to existing system) | EUR | 291 930 | 267 937 | 216 961 | 204 316 | 217 817 | 209 833 | 211 169 | 230 981 | 233 134 | 235 410 | 237 870 | 239 939 | 242 309 | 244 703 | 247 121 | |
| 3 Minerals / chemicals (related to measures) | EUR | 614 605 | 557 250 | 599 546 | 570 821 | 574 727 | 551 527 | 541 346 | 555 336 | 569 510 | 593 804 | 596 536 | 613 101 | 627 082 | 642 544 | 658 295 | |
| 4 Electricity (related to existing system) | EUR | 2 265 934 | 2 197 736 | 2 197 736 | 2 221 912 | 2 275 237 | 2 341 219 | 2 423 162 | 2 520 080 | 2 633 592 | 2 765 167 | 3 046 557 | 3 201 027 | 3 341 872 | 3 468 914 | 3 642 426 | |
| 5 Personnel costs | EUR | 207 484 | 148 854 | 151 831 | 154 868 | 157 191 | 158 763 | 160 390 | 161 954 | 163 573 | 165 209 | 166 861 | 168 530 | 170 215 | 171 917 | 173 636 | |
| 6 Maintenance / repair (related to existing system) | EUR | 321 792 | 299 776 | 299 776 | 299 776 | 299 776 | 299 776 | 299 776 | 299 776 | 299 776 | 299 776 | 299 776 | 299 776 | 299 776 | 299 776 | 299 776 | |
| 7 Maintenance / repair (related to measures) | EUR | 23 851 | 1 575 114 | 1 534 890 | 1 396 054 | 1 250 919 | 1 225 655 | 1 190 354 | 1 155 131 | 799 341 | 807 335 | 816 468 | 823 562 | 831 796 | 840 115 | 848 517 | |
| 8 Depreciation | EUR | 844 609 | 720 210 | 734 614 | 748 306 | 760 546 | 768 151 | 775 833 | 783 351 | 791 427 | 799 341 | 807 335 | 816 468 | 823 562 | 831 796 | 840 115 | 848 517 |
| 9 Concession fee | EUR | 5 537 104 | 4 829 185 | 6 480 070 | 6 419 370 | 5 699 208 | 5 797 236 | 5 920 833 | 6 034 720 | 5 041 196 | 5 209 864 | 5 396 305 | 5 565 373 | 5 741 534 | 5 920 350 | 6 106 110 | |
| 10 General Administration | EUR | | | | | | | | | | | | | | | | |
| 11 Total | EUR | 17 352 321 | 19 996 571 | 20 643 931 | 19 497 112 | 19 340 397 | 18 289 675 | 17 250 779 | 17 421 314 | 17 610 380 | 17 899 959 | 18 149 966 | 18 315 038 | 18 479 398 | 18 643 032 | 18 806 100 | |
| 12 Raw water quantity | EUR/m ³ | 0 0418 | 0 0337 | 0 0344 | 0 0351 | 0 0358 | 0 0365 | 0 0372 | 0 0379 | 0 0386 | 0 0393 | 0 0400 | 0 0407 | 0 0414 | 0 0421 | 0 0428 | |
| 13 Average price for raw water | EUR/year | 725 751 | 673 770 | 709 491 | 693 478 | 216 250 | 206 548 | 196 762 | 200 694 | 204 983 | 209 060 | 213 252 | 217 576 | 221 763 | 225 980 | 230 261 | |
| 14 Total Raw water costs | EUR/year | 281 930 | 207 937 | 216 961 | 204 316 | 217 817 | 209 833 | 211 169 | 228 472 | 230 981 | 233 134 | 235 410 | 237 870 | 240 240 | 242 610 | 245 000 | |
| 15 Minerals / chemicals (related to existing system) | EUR/year | | | | | | | | | | | | | | | | |
| 16 Electricity (related to existing system) | KWh/year | 4 745 082 | 7 605 311 | 8 058 576 | 7 610 303 | 7 548 728 | 7 433 061 | 6 900 532 | 6 974 475 | 6 944 498 | 7 013 997 | 7 084 030 | 7 149 468 | 7 213 628 | 7 277 594 | 7 341 159 | |
| 17 Total energy consumption | EUR/year | 0 130 | 0 071 | 0 075 | 0 079 | 0 083 | 0 087 | 0 091 | 0 095 | 0 099 | 0 103 | 0 107 | 0 111 | 0 115 | 0 119 | 0 123 | |
| 18 Average energy price | EUR/year | 614 605 | 557 250 | 592 546 | 570 821 | 574 727 | 551 927 | 541 346 | 555 336 | 569 510 | 593 804 | 596 536 | 613 101 | 627 082 | 642 544 | 658 295 | |
| 19 Total energy costs | Kwh/m ³ | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | |
| 20 Average unitary energy consumption | no. | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | |
| 21 Personnel costs | no. | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | |
| 22 Increase/decrease of personnel | EUR/month | 473 | 399 | 403 | 413 | 425 | 440 | 457 | 478 | 502 | 527 | 553 | 581 | 606 | 632 | 651 | |
| 23 Average monthly gross salaries | EUR/month | 120 | 120 | 120 | 121 | 124 | 128 | 138 | 144 | 151 | 159 | 166 | 176 | 182 | 191 | 199 | |
| 24 Salaries related taxes paid by the employer | EUR/year | 2 629 934 | 2 197 736 | 2 231 812 | 2 276 237 | 2 341 219 | 2 423 162 | 2 520 080 | 2 633 492 | 2 763 167 | 2 901 425 | 3 046 557 | 3 201 027 | 3 341 872 | 3 468 914 | 3 642 426 | |
| 25 Total personnel costs | EUR/year | 207 484 | 148 854 | 151 831 | 154 868 | 157 191 | 158 763 | 160 390 | 161 954 | 163 573 | 165 209 | 166 861 | 168 530 | 170 215 | 171 917 | 173 636 | |
| 26 Maintenance (related to existing system) | % | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | |
| 27 Impact of new investments on the maintenance costs of existing systems (% increase or decrease) | EUR/year | 207 484 | 148 854 | 151 831 | 154 868 | 157 191 | 158 763 | 160 390 | 161 954 | 163 573 | 165 209 | 166 861 | 168 530 | 170 215 | 171 917 | 173 636 | |
| 28 Maintenance costs (related to existing system) | EUR/year | | | | | | | | | | | | | | | | |

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Operating Costs - "Without Project" - Bacau

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|--|--------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 03M Cost of Water Supply System | | | | | | | | | | | | | | | | |
| 1 Raw water costs | EUR | 265 890 | 265 890 | 265 890 | 265 890 | 265 890 | 265 890 | 265 890 | 265 890 | 265 890 | 265 890 | 265 890 | 265 890 | 265 890 | 265 890 | 265 890 |
| 2 Materials / chemicals (related to existing system) | EUR | 245 545 | 245 545 | 245 545 | 245 545 | 245 545 | 245 545 | 245 545 | 245 545 | 245 545 | 245 545 | 245 545 | 245 545 | 245 545 | 245 545 | 245 545 |
| 3 Electricity (related to existing system) | EUR | 673 944 | 689 904 | 706 191 | 722 815 | 739 780 | 757 120 | 774 831 | 792 915 | 811 333 | 830 256 | 849 593 | 869 332 | 889 500 | 909 300 | 929 348 |
| 4 Speciality (related to existing system) | EUR | 3 802 693 | 3 802 693 | 3 802 693 | 3 802 693 | 3 802 693 | 3 802 693 | 3 802 693 | 3 802 693 | 3 802 693 | 3 802 693 | 3 802 693 | 3 802 693 | 3 802 693 | 3 802 693 | 3 802 693 |
| 5 Maintenance / repair (related to existing system) | EUR | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 |
| 6 Maintenance / repair (related to existing system) | EUR | 299 775 | 299 775 | 299 775 | 299 775 | 299 775 | 299 775 | 299 775 | 299 775 | 299 775 | 299 775 | 299 775 | 299 775 | 299 775 | 299 775 | 299 775 |
| 7 Depreciation | EUR | 857 002 | 857 002 | 857 002 | 857 002 | 857 002 | 857 002 | 857 002 | 857 002 | 857 002 | 857 002 | 857 002 | 857 002 | 857 002 | 857 002 | 857 002 |
| 8 Concession fee | EUR | 5 295 102 | 5 295 102 | 5 295 102 | 5 295 102 | 5 295 102 | 5 295 102 | 5 295 102 | 5 295 102 | 5 295 102 | 5 295 102 | 5 295 102 | 5 295 102 | 5 295 102 | 5 295 102 | 5 295 102 |
| 9 General Administration | EUR | 18 985 610 | 19 139 831 | 19 293 084 | 19 446 451 | 19 599 842 | 19 753 299 | 19 906 814 | 20 060 385 | 20 214 012 | 20 367 695 | 20 521 436 | 20 675 235 | 20 829 092 | 20 982 907 | 21 136 780 |
| 10 Total | EUR | 11 455 102 | 11 609 323 | 11 763 544 | 11 917 765 | 12 071 986 | 12 226 207 | 12 380 428 | 12 534 649 | 12 688 870 | 12 843 091 | 12 997 312 | 13 151 533 | 13 305 754 | 13 459 975 | 13 614 196 |
| 11 Raw water costs | M/year | 18 985 610 | 19 139 831 | 19 293 084 | 19 446 451 | 19 599 842 | 19 753 299 | 19 906 814 | 20 060 385 | 20 214 012 | 20 367 695 | 20 521 436 | 20 675 235 | 20 829 092 | 20 982 907 | 21 136 780 |
| 12 Raw water quantity | EUR/m ³ | 0 0125 | 0 0127 | 0 0129 | 0 0131 | 0 0132 | 0 0134 | 0 0135 | 0 0136 | 0 0138 | 0 0139 | 0 0141 | 0 0142 | 0 0144 | 0 0146 | 0 0148 |
| 13 Average price for raw water | EUR/m ³ | 239 951 | 243 445 | 247 965 | 252 552 | 257 210 | 261 939 | 266 742 | 271 625 | 276 595 | 281 653 | 286 799 | 292 036 | 297 367 | 302 795 | 308 322 |
| 14 Total raw water costs | EUR/year | 245 953 | 252 042 | 258 245 | 264 571 | 271 029 | 277 614 | 284 327 | 291 178 | 298 167 | 305 295 | 312 563 | 320 072 | 327 823 | 335 817 | 344 056 |
| 15 Materials / chemicals (related to existing system) | EUR/year | 245 545 | 245 545 | 245 545 | 245 545 | 245 545 | 245 545 | 245 545 | 245 545 | 245 545 | 245 545 | 245 545 | 245 545 | 245 545 | 245 545 | 245 545 |
| 16 Electricity (related to existing system) | Kwh/year | 7 461 597 | 7 461 597 | 7 461 597 | 7 461 597 | 7 461 597 | 7 461 597 | 7 461 597 | 7 461 597 | 7 461 597 | 7 461 597 | 7 461 597 | 7 461 597 | 7 461 597 | 7 461 597 | 7 461 597 |
| 17 Total electricity consumption | EUR/year | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 |
| 18 Average energy price | EUR/kwh | 0 934 | 0 934 | 0 934 | 0 934 | 0 934 | 0 934 | 0 934 | 0 934 | 0 934 | 0 934 | 0 934 | 0 934 | 0 934 | 0 934 | 0 934 |
| 19 Total energy costs | EUR/year | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 | 6 973 844 |
| 20 Speciality (related to existing system) | Kwh/year | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 |
| 21 Average unitary energy consumption | EUR/m ³ | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 | 0 39 |
| 22 Personnel costs | no | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 |
| 23 Number of personnel to the existing system | no | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 |
| 24 Increase/decrease of personnel | no | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 Total number of personnel | no | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 | 353 |
| 26 Average monthly gross salaries | EUR/month | 692 | 692 | 692 | 692 | 692 | 692 | 692 | 692 | 692 | 692 | 692 | 692 | 692 | 692 | 692 |
| 27 Average monthly gross salaries | EUR/month | 208 | 208 | 208 | 208 | 208 | 208 | 208 | 208 | 208 | 208 | 208 | 208 | 208 | 208 | 208 |
| 28 Salaries related fees paid by the employer | EUR/year | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 |
| 29 Total personnel costs | EUR/year | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 | 3 807 693 |
| 30 Maintenance (related to existing system) | EUR/year | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 |
| 31 Impact of new investments on the maintenance costs of existing systems (% increase or decrease) | % | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% |
| 32 Maintenance costs (related to existing system) | EUR/year | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 | 177 127 |

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| Historical data | | Projection | | | | | | | | | | | | | | |
|-----------------|--|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2008 | | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |

Operating Costs - "Without Project" - Bacau

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| O&M Cost of Wastewater System | | | | | | | | | | | | | | | | |
| 1 Materials / chemicals (related to existing system) | EUR | 164.210 | 160.412 | 158.864 | 158.384 | 160.109 | 160.563 | 160.884 | 162.928 | 165.167 | 167.398 | 171.945 | 174.204 | 176.487 | 178.784 | 181.126 |
| 2 Electricity (related to existing system) | EUR | 246.742 | 114.113 | 114.167 | 111.349 | 112.562 | 113.440 | 114.087 | 116.253 | 118.434 | 120.628 | 125.135 | 127.407 | 129.715 | 132.061 | 134.446 |
| 3 Personnel costs | EUR | 1.438.743 | 1.278.494 | 1.292.559 | 1.292.559 | 1.323.979 | 1.381.963 | 1.409.311 | 1.456.017 | 1.531.987 | 1.606.587 | 1.773.467 | 1.862.140 | 1.944.074 | 2.029.614 | 2.118.917 |
| 4 Maintenance / repair (related to existing system) | EUR | 83.692 | 58.855 | 104.458 | 106.547 | 100.145 | 109.227 | 110.319 | 111.422 | 112.537 | 113.662 | 114.799 | 115.947 | 117.106 | 118.277 | 119.450 |
| 5 Deactivated sludge disposal | EUR | | | 287.354 | 306.104 | 323.893 | 340.161 | 357.228 | 360.481 | 363.663 | 366.860 | 369.015 | 370.445 | 372.296 | 374.445 | 376.880 |
| 6 Depreciation | EUR | 181.008 | 166.820 | 166.820 | 166.820 | 166.820 | 166.820 | 166.820 | 166.820 | 166.820 | 166.820 | 166.820 | 166.820 | 166.820 | 166.820 | 166.820 |
| 7 Concession fee | EUR | | 12.420 | 745.049 | 762.810 | 768.970 | 1.148.727 | 1.116.848 | 1.095.169 | 1.053.390 | 541.667 | 508.333 | 491.667 | 475.000 | 458.333 | 441.667 |
| 8 General Administration | EUR | 488.617 | 529.633 | 540.226 | 551.031 | 559.296 | 564.899 | 569.073 | 576.639 | 584.167 | 591.645 | 598.782 | 606.278 | 614.278 | 621.822 | 629.418 |
| 9 Total | EUR | 2.609.018 | 2.320.748 | 3.395.433 | 3.455.683 | 3.522.975 | 3.966.996 | 4.294.891 | 4.245.729 | 4.296.165 | 3.877.269 | 3.754.867 | 3.837.444 | 4.494.067 | 4.582.211 | 4.673.773 |
| 10 Materials / chemicals (related to existing system) | EUR/year | 164.210 | 160.412 | 158.864 | 158.384 | 160.109 | 160.563 | 160.884 | 162.928 | 165.167 | 167.398 | 171.945 | 174.204 | 176.487 | 178.784 | 181.126 |
| 11 Electricity (related to existing system) | KWh/year | 1.958.832 | 1.538.466 | 1.522.568 | 1.484.650 | 1.478.640 | 1.468.150 | 1.453.707 | 1.460.415 | 1.465.831 | 1.470.921 | 1.475.925 | 1.481.106 | 1.485.708 | 1.490.276 | 1.494.907 |
| 12 Average energy price | EUR/kWh | 0.13 | 0.07 | 0.074 | 0.075 | 0.076 | 0.077 | 0.078 | 0.080 | 0.081 | 0.082 | 0.084 | 0.086 | 0.087 | 0.088 | 0.089 |
| 13 Total energy costs | EUR/year | 246.742 | 114.113 | 114.167 | 111.349 | 112.562 | 113.440 | 114.087 | 116.253 | 118.434 | 120.628 | 125.135 | 127.407 | 129.715 | 132.061 | 134.446 |
| 14 Average unitary energy consumption | kWh/m3 | 0.09 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 |
| 15 Personnel costs | no | 138 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| 16 Increase/decrease of personnel in result of maintenance | no | | | | | | | | | | | | | | | |
| 17 Total number of personnel | no | 138 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| 18 Average monthly gross salary | EUR/month | 489 | 463 | 469 | 413 | 423 | 436 | 455 | 459 | 460 | 462 | 467 | 472 | 476 | 480 | 484 |
| 19 Salary monthly gross charges | EUR/month | 125 | 124 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 |
| 20 Salaries netted (before paid by the employer) | EUR/year | 1.438.743 | 1.278.494 | 1.278.494 | 1.282.558 | 1.323.979 | 1.381.963 | 1.409.631 | 1.465.817 | 1.531.987 | 1.606.587 | 1.773.467 | 1.862.140 | 1.944.074 | 2.029.614 | 2.118.917 |
| 21 Total personnel costs | EUR/year | 1.438.743 | 1.278.494 | 1.278.494 | 1.282.558 | 1.323.979 | 1.381.963 | 1.409.631 | 1.465.817 | 1.531.987 | 1.606.587 | 1.773.467 | 1.862.140 | 1.944.074 | 2.029.614 | 2.118.917 |
| 22 Maintenance (related to existing system) | EUR/year | 83.692 | 58.855 | 104.458 | 106.547 | 100.145 | 109.227 | 110.319 | 111.422 | 112.537 | 113.662 | 114.799 | 115.947 | 117.106 | 118.277 | 119.450 |
| 23 Impact of new investments on the maintenance costs of existing systems (% increase or decrease) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 24 Maintenance costs (related to existing system) | EUR/year | 83.692 | 58.855 | 104.458 | 106.547 | 100.145 | 109.227 | 110.319 | 111.422 | 112.537 | 113.662 | 114.799 | 115.947 | 117.106 | 118.277 | 119.450 |
| 25 Deactivated sludge disposal | EUR/yo | | | 287.354 | 306.104 | 323.893 | 340.161 | 357.228 | 360.481 | 363.663 | 366.860 | 369.015 | 370.445 | 372.296 | 374.445 | 376.880 |
| Average unit cost of deactivated sludge disposal | EUR/yo | | | 91 | 92 | 96 | 97 | 98 | 99 | 99 | 100 | 46 | 46 | 47 | 182 | 184 |
| Average yearly quantity of deactivated sludge | to/year | | | 3.112 | 3.250 | 3.386 | 3.526 | 3.664 | 3.659 | 3.655 | 3.651 | 3.641 | 3.635 | 3.629 | 3.623 | 3.616 |
| Total costs with sludge disposal | EUR/year | | | 287.354 | 306.104 | 323.893 | 340.161 | 357.228 | 360.481 | 363.663 | 366.860 | 369.015 | 370.445 | 372.296 | 374.445 | 376.880 |

C.R. ARA Bacau S.A. - Annex 14

Operating Costs - "Without Project" - Bacau

| | 2024 | 2025 | 2025 | 2025 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|--|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| OGM Cost of Wastewater System | | | | | | | | | | | | | | | | | |
| 1 Materials / chemicals (related to existing system) | EUR | 193,483 | 193,896 | 193,916 | 193,934 | 193,952 | 193,970 | 193,988 | 194,006 | 194,024 | 194,042 | 194,060 | 194,078 | 194,096 | 194,114 | 194,132 | 194,150 |
| 2 Electricity (related to existing system) | EUR | 338,976 | 339,334 | 339,692 | 340,050 | 340,408 | 340,766 | 341,124 | 341,482 | 341,840 | 342,198 | 342,556 | 342,914 | 343,272 | 343,630 | 343,988 | 344,346 |
| 3 Maintenance / repair (related to existing system) | EUR | 2,212,149 | 2,309,484 | 2,411,101 | 2,517,989 | 2,627,946 | 2,741,883 | 2,861,900 | 2,988,007 | 3,120,204 | 3,258,591 | 3,403,168 | 3,554,035 | 3,711,292 | 3,875,039 | 4,045,386 | 4,222,333 |
| 4 Materials / repair (related to existing system) | EUR | 121,881 | 123,080 | 124,310 | 125,564 | 126,843 | 128,147 | 129,477 | 130,832 | 132,213 | 133,620 | 135,054 | 136,515 | 137,994 | 139,491 | 140,996 | 142,500 |
| 5 Maintenance / repair (related to existing system) | EUR | 679,409 | 683,705 | 688,965 | 694,292 | 699,695 | 705,174 | 710,728 | 716,357 | 722,061 | 727,840 | 733,694 | 739,624 | 745,630 | 751,712 | 757,870 | 764,105 |
| 6 Sewerage sludge disposal | EUR | 165,820 | 166,820 | 167,820 | 168,820 | 169,820 | 170,820 | 171,820 | 172,820 | 173,820 | 174,820 | 175,820 | 176,820 | 177,820 | 178,820 | 179,820 | 180,820 |
| 7 Construction fee | EUR | 425,000 | | | | | | | | | | | | | | | |
| 8 General Administration | EUR | 844,761 | 852,513 | 860,325 | 868,197 | 876,131 | 884,129 | 892,195 | 900,325 | 908,519 | 916,770 | 925,079 | 933,439 | 941,851 | 950,316 | 958,836 | 967,411 |
| 9 Total | EUR | 4,169,351 | 4,462,801 | 4,581,658 | 4,707,115 | 4,837,392 | 4,972,684 | 5,113,204 | 5,259,206 | 5,410,324 | 5,566,977 | 5,724,413 | 5,882,982 | 6,043,033 | 6,203,886 | 6,365,851 | 6,529,326 |
| Materials / chemicals (related to existing system) | EUR/year | 193,483 | 193,896 | 193,916 | 193,934 | 193,952 | 193,970 | 193,988 | 194,006 | 194,024 | 194,042 | 194,060 | 194,078 | 194,096 | 194,114 | 194,132 | 194,150 |
| Electricity (related to existing system) | Kwh/year | 1,593,780 | 1,596,229 | 1,597,695 | 1,599,177 | 1,600,675 | 1,602,188 | 1,603,715 | 1,605,256 | 1,606,810 | 1,608,377 | 1,610,000 | 1,611,630 | 1,613,265 | 1,614,915 | 1,616,570 | 1,618,230 |
| Total energy consumption | EUR/year | 135,870 | 139,334 | 141,840 | 144,389 | 146,981 | 149,618 | 152,292 | 154,993 | 157,721 | 160,476 | 163,216 | 165,992 | 168,805 | 171,655 | 174,542 | 177,466 |
| Average unitary energy consumption | Kwh/m ³ | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 |
| Personnel costs | no | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| Number of personnel for the existing system | no | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| Increase/decrease of personnel as result of measure | % | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total number of personnel | no | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| Salary (related to existing system) | EUR/year | 703,200 | 703,200 | 703,200 | 703,200 | 703,200 | 703,200 | 703,200 | 703,200 | 703,200 | 703,200 | 703,200 | 703,200 | 703,200 | 703,200 | 703,200 | 703,200 |
| Salary related to increase/decrease by the employee | EUR/year | 243,200 | 243,200 | 243,200 | 243,200 | 243,200 | 243,200 | 243,200 | 243,200 | 243,200 | 243,200 | 243,200 | 243,200 | 243,200 | 243,200 | 243,200 | 243,200 |
| Total personnel costs | EUR/year | 2,426,400 | 2,426,400 | 2,426,400 | 2,426,400 | 2,426,400 | 2,426,400 | 2,426,400 | 2,426,400 | 2,426,400 | 2,426,400 | 2,426,400 | 2,426,400 | 2,426,400 | 2,426,400 | 2,426,400 | 2,426,400 |
| Maintenance (related to existing system) | EUR/year | 121,881 | 123,080 | 124,310 | 125,564 | 126,843 | 128,147 | 129,477 | 130,832 | 132,213 | 133,620 | 135,054 | 136,515 | 137,994 | 139,491 | 140,996 | 142,500 |
| Impact of new investments on the maintenance costs of existing systems (% increase or decrease) | % | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Maintenance Costs (related to existing system) | EUR/year | 121,881 | 123,080 | 124,310 | 125,564 | 126,843 | 128,147 | 129,477 | 130,832 | 132,213 | 133,620 | 135,054 | 136,515 | 137,994 | 139,491 | 140,996 | 142,500 |
| Devaluated sludge disposal | EUR/ton | 385 | 385 | 385 | 385 | 385 | 385 | 385 | 385 | 385 | 385 | 385 | 385 | 385 | 385 | 385 | 385 |
| Average unit cost of devaluated sludge disposal | 10 ³ /year | 3,699 | 3,699 | 3,699 | 3,699 | 3,699 | 3,699 | 3,699 | 3,699 | 3,699 | 3,699 | 3,699 | 3,699 | 3,699 | 3,699 | 3,699 | 3,699 |
| Total costs with sludge disposal | EUR/year | 912,405 | 912,405 | 912,405 | 912,405 | 912,405 | 912,405 | 912,405 | 912,405 | 912,405 | 912,405 | 912,405 | 912,405 | 912,405 | 912,405 | 912,405 | 912,405 |

C.R. JANA PACHU.S.A. - Annex 1-4

Historical data >>> Projection >>>

2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023

Operating Costs - "Whit Project" - Moldavia

| | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1 O&M Cost of Water Supply System | | | | | | | | | | | | | | | |
| 1 Raw water costs | 207.753 | 211.326 | 217.357 | 223.388 | 229.419 | 235.450 | 241.481 | 247.512 | 253.543 | 259.574 | 265.605 | 271.636 | 277.667 | 283.698 | 289.729 |
| 2 Materials / chemicals (related to existing system) | 8.918 | 7.728 | 6.538 | 5.348 | 4.158 | 2.968 | 1.778 | 0.588 | 0.398 | 0.208 | 0.018 | 0.008 | 0.008 | 0.008 | 0.008 |
| 3 Electricity / chemicals (related to existing system) | 60.853 | 60.303 | 60.753 | 61.203 | 61.653 | 62.103 | 62.553 | 63.003 | 63.453 | 63.903 | 64.353 | 64.803 | 65.253 | 65.703 | 66.153 |
| 4 Electricity (related to existing system) | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 |
| 5 Maintenance / repair (related to existing system) | 33.660 | 20.167 | 20.565 | 20.963 | 21.361 | 21.759 | 22.157 | 22.555 | 22.953 | 23.351 | 23.749 | 24.147 | 24.545 | 24.943 | 25.341 |
| 6 Maintenance / repair (related to investment) | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 7 Construction fee | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 |
| 8 Other administrative | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 |
| 9 Total | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 |
| 10 Raw water costs | | | | | | | | | | | | | | | |
| 11 Raw water quantity | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 |
| 12 Raw water price | 0.207753 | 0.211326 | 0.217357 | 0.223388 | 0.229419 | 0.235450 | 0.241481 | 0.247512 | 0.253543 | 0.259574 | 0.265605 | 0.271636 | 0.277667 | 0.283698 | 0.289729 |
| 13 Total raw water costs | 207.753 | 211.326 | 217.357 | 223.388 | 229.419 | 235.450 | 241.481 | 247.512 | 253.543 | 259.574 | 265.605 | 271.636 | 277.667 | 283.698 | 289.729 |
| 14 Materials / chemicals (related to existing system) | | | | | | | | | | | | | | | |
| 15 Materials / chemicals (related to investment) | | | | | | | | | | | | | | | |
| 16 Total materials / chemicals | 8.918 | 7.728 | 6.538 | 5.348 | 4.158 | 2.968 | 1.778 | 0.588 | 0.398 | 0.208 | 0.018 | 0.008 | 0.008 | 0.008 | 0.008 |
| 17 Electricity / chemicals (related to existing system) | | | | | | | | | | | | | | | |
| 18 Electricity / chemicals (related to investment) | | | | | | | | | | | | | | | |
| 19 Total electricity / chemicals | 60.853 | 60.303 | 60.753 | 61.203 | 61.653 | 62.103 | 62.553 | 63.003 | 63.453 | 63.903 | 64.353 | 64.803 | 65.253 | 65.703 | 66.153 |
| 20 Electricity (related to existing system) | | | | | | | | | | | | | | | |
| 21 Electricity (related to investment) | | | | | | | | | | | | | | | |
| 22 Total electricity | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 |
| 23 Maintenance / repair (related to existing system) | | | | | | | | | | | | | | | |
| 24 Maintenance / repair (related to investment) | | | | | | | | | | | | | | | |
| 25 Total maintenance / repair | 33.660 | 20.167 | 20.565 | 20.963 | 21.361 | 21.759 | 22.157 | 22.555 | 22.953 | 23.351 | 23.749 | 24.147 | 24.545 | 24.943 | 25.341 |
| 26 Construction fee | | | | | | | | | | | | | | | |
| 27 Other administrative | | | | | | | | | | | | | | | |
| 28 Total | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 |
| 29 Raw water costs | | | | | | | | | | | | | | | |
| 30 Raw water quantity | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 |
| 31 Raw water price | 0.207753 | 0.211326 | 0.217357 | 0.223388 | 0.229419 | 0.235450 | 0.241481 | 0.247512 | 0.253543 | 0.259574 | 0.265605 | 0.271636 | 0.277667 | 0.283698 | 0.289729 |
| 32 Total raw water costs | 207.753 | 211.326 | 217.357 | 223.388 | 229.419 | 235.450 | 241.481 | 247.512 | 253.543 | 259.574 | 265.605 | 271.636 | 277.667 | 283.698 | 289.729 |
| 33 Materials / chemicals (related to existing system) | | | | | | | | | | | | | | | |
| 34 Materials / chemicals (related to investment) | | | | | | | | | | | | | | | |
| 35 Total materials / chemicals | 8.918 | 7.728 | 6.538 | 5.348 | 4.158 | 2.968 | 1.778 | 0.588 | 0.398 | 0.208 | 0.018 | 0.008 | 0.008 | 0.008 | 0.008 |
| 36 Electricity / chemicals (related to existing system) | | | | | | | | | | | | | | | |
| 37 Electricity / chemicals (related to investment) | | | | | | | | | | | | | | | |
| 38 Total electricity / chemicals | 60.853 | 60.303 | 60.753 | 61.203 | 61.653 | 62.103 | 62.553 | 63.003 | 63.453 | 63.903 | 64.353 | 64.803 | 65.253 | 65.703 | 66.153 |
| 39 Electricity (related to existing system) | | | | | | | | | | | | | | | |
| 40 Electricity (related to investment) | | | | | | | | | | | | | | | |
| 41 Total electricity | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 | 130.896 |
| 42 Maintenance / repair (related to existing system) | | | | | | | | | | | | | | | |
| 43 Maintenance / repair (related to investment) | | | | | | | | | | | | | | | |
| 44 Total maintenance / repair | 33.660 | 20.167 | 20.565 | 20.963 | 21.361 | 21.759 | 22.157 | 22.555 | 22.953 | 23.351 | 23.749 | 24.147 | 24.545 | 24.943 | 25.341 |
| 45 Construction fee | | | | | | | | | | | | | | | |
| 46 Other administrative | | | | | | | | | | | | | | | |
| 47 Total | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 | 400.000 |

| | | Historical data | | | | | | | | | | | | Projection | | | | |
|---|--|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|----------|
| | | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | |
| C.R. Apa Bacau S.A. - Annex 14 | | | | | | | | | | | | | | | | | | |
| Operating Costs - "With Project" - Midterm | | | | | | | | | | | | | | | | | | |
| 1 | OGM Cost of Wastewater System | EUR | 542 | 476 | 486 | 512 | 522 | 532 | 541 | 549 | 557 | 566 | 574 | 582 | 591 | 599 | 608 | |
| 2 | Materials / chemicals (related to existing system) | EUR | 1.900 | 1.900 | 1.900 | 1.900 | 1.900 | 1.900 | 1.900 | 1.900 | 1.900 | 1.900 | 1.900 | 1.900 | 1.900 | 1.900 | 1.900 | |
| 3 | Electricity (related to existing system) | EUR | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | |
| 4 | Personnel costs | EUR | 70.467 | 69.292 | 68.200 | 67.100 | 66.000 | 64.900 | 63.800 | 62.700 | 61.600 | 60.500 | 59.400 | 58.300 | 57.200 | 56.100 | 55.000 | |
| 5 | Maintenance / repair (related to existing system) | EUR | 165 | 146 | 146 | 151 | 154 | 157 | 160 | 163 | 166 | 169 | 172 | 175 | 178 | 181 | 184 | |
| 6 | Depreciated sludge disposal (related to measured) | EUR | - | - | 27.245 | 29.361 | 31.34 | 33.226 | 35.083 | 36.918 | 38.753 | 40.588 | 42.423 | 44.258 | 46.093 | 47.928 | 49.763 | |
| 7 | Depreciation | EUR | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 | |
| 8 | General Administration | EUR | 41.544 | 36.998 | 36.718 | 37.453 | 38.195 | 38.937 | 39.679 | 40.421 | 41.163 | 41.905 | 42.647 | 43.389 | 44.131 | 44.873 | 45.615 | |
| 9 | Total | EUR | 130.279 | 119.662 | 117.650 | 117.852 | 118.054 | 118.256 | 118.458 | 118.660 | 118.862 | 119.064 | 119.266 | 119.468 | 119.670 | 119.872 | 120.074 | |
| 10 | Materials / chemicals (related to existing system) | EUR/year | 542 | 476 | 486 | 512 | 522 | 532 | 541 | 549 | 557 | 566 | 574 | 582 | 591 | 599 | 608 | |
| 11 | Materials / chemicals (related to measure) | EUR/year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 12 | Aluminium sulfate | m ³ | - | - | - | 53.038 | 54.643 | 56.313 | 57.102 | 57.888 | 58.665 | 59.442 | 60.219 | 61.028 | 61.871 | 62.741 | 63.636 | |
| 13 | Average flow | m ³ /s | - | - | 217.4 | 217.4 | 217.4 | 217.4 | 217.4 | 217.4 | 217.4 | 217.4 | 217.4 | 217.4 | 217.4 | 217.4 | 217.4 | |
| 14 | Average flow Sludge conditioning | g/DS | - | - | 170.000 | 170.000 | 170.000 | 170.000 | 170.000 | 170.000 | 170.000 | 170.000 | 170.000 | 170.000 | 170.000 | 170.000 | 170.000 | |
| 15 | Unit cost | EUR/g | 0.00012 | 0.00012 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | 0.00013 | |
| 16 | Material quantity | kg/year | 1.451.211 | 1.449.392 | 1.449.392 | 1.476.270 | 1.489.010 | 1.502.749 | 1.517.415 | 1.532.992 | 1.549.578 | 1.567.164 | 1.584.750 | 1.603.336 | 1.621.922 | 1.640.508 | 1.659.094 | |
| 17 | Polysulfide | EUR/year | - | - | 11.576 | 12.316.4 | 13.121.6 | 13.944.3 | 14.784.5 | 15.645.2 | 16.528.5 | 17.434.5 | 18.363.2 | 19.315.5 | 20.291.4 | 21.290.7 | 22.313.4 | 23.359.5 |
| 18 | Average dose | g/DS | - | - | 0.0040 | 0.0040 | 0.0041 | 0.0041 | 0.0042 | 0.0042 | 0.0043 | 0.0043 | 0.0043 | 0.0043 | 0.0044 | 0.0044 | 0.0044 | |
| 19 | Sludge volume | m ³ /year | - | - | 574.45 | 597.78 | 641.10 | 641.10 | 641.10 | 641.10 | 641.10 | 641.10 | 641.10 | 641.10 | 641.10 | 641.10 | 641.10 | |
| 20 | Chemicals and reagents for laboratory | EUR/year | - | - | 3.960 | 3.000 | 4.000 | 4.000 | 4.000 | 4.171 | 4.169 | 4.201 | 4.246 | 4.299 | 4.371 | 4.471 | 4.611 | |
| 21 | Consumables (paper, toner, etc.) | EUR/year | - | - | 528 | 528 | 528 | 528 | 541 | 549 | 555 | 561 | 568 | 572 | 577 | 583 | 589 | |
| 22 | Total materials / chemicals costs (related to measure) | EUR/year | - | - | 69.052 | 71.497 | 74.913 | 78.966 | 83.666 | 89.066 | 95.166 | 101.966 | 109.566 | 117.966 | 126.166 | 135.166 | 144.966 | |
| 23 | Electricity (related to existing system) | Kwh/year | 87.035 | 53.805 | 53.846 | 54.027 | 54.208 | 54.389 | 54.570 | 54.751 | 54.932 | 55.113 | 55.294 | 55.475 | 55.656 | 55.837 | 56.018 | |
| 24 | Annual energy consumption | EUR/year | 0.1138 | 0.0938 | 0.1028 | 0.1048 | 0.1068 | 0.1088 | 0.1108 | 0.1128 | 0.1148 | 0.1168 | 0.1188 | 0.1208 | 0.1228 | 0.1248 | 0.1268 | |
| 25 | Total energy costs | EUR/year | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | |
| 26 | Personnel costs | EUR/year | 70.467 | 69.292 | 68.200 | 67.100 | 66.000 | 64.900 | 63.800 | 62.700 | 61.600 | 60.500 | 59.400 | 58.300 | 57.200 | 56.100 | 55.000 | |
| 27 | Total energy consumption | EUR/year | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | 9.991 | |
| 28 | Average monthly costs salaries | EUR/month | 282 | 252 | 252 | 252 | 252 | 252 | 252 | 252 | 252 | 252 | 252 | 252 | 252 | 252 | 252 | |
| 29 | Salaries related taxes paid by the employer | EUR/year | 78.067 | 69.292 | 69.292 | 70.094 | 70.942 | 71.842 | 72.792 | 73.792 | 74.842 | 75.942 | 77.092 | 78.292 | 79.542 | 80.842 | 82.192 | |
| 30 | Total personnel costs | EUR/year | 78.067 | 69.292 | 69.292 | 70.094 | 70.942 | 71.842 | 72.792 | 73.792 | 74.842 | 75.942 | 77.092 | 78.292 | 79.542 | 80.842 | 82.192 | |
| 31 | Maintenance (related to existing system) | EUR/year | 165 | 143 | 143 | 151 | 154 | 157 | 160 | 163 | 166 | 169 | 172 | 175 | 178 | 181 | 184 | |
| 32 | Project of new investments on the maintenance costs of existing systems (% increase or decrease) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | |
| 33 | Maintenance costs (related to existing system) | EUR/year | 165 | 143 | 146 | 151 | 154 | 157 | 160 | 163 | 166 | 169 | 172 | 175 | 178 | 181 | 184 | |
| 34 | Maintenance / repair (related to measure) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | |
| 35 | Percentage of maintenance costs in total investment costs (plant and machinery) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | |
| 36 | Percentage of maintenance costs in total investment costs (main works) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | |
| 37 | Maintenance costs (related to measure) | EUR/year | - | - | 232.524 | 234.849 | 237.199 | 239.570 | 241.963 | 244.379 | 246.816 | 249.275 | 251.756 | 254.259 | 256.784 | 259.333 | 261.904 | |
| 38 | Depreciated sludge disposal | EUR/ton | 48 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 54 | 54 | 55 | 56 | 56 | 56 | 56 | |
| 39 | Average unit cost of depreciated sludge disposal | EUR/ton | 48 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 54 | 54 | 55 | 56 | 56 | 56 | 56 | |
| 40 | Average yearly quantity of depreciated sludge | ton/year | 541 | 541 | 541 | 541 | 541 | 541 | 541 | 541 | 541 | 541 | 541 | 541 | 541 | 541 | 541 | |
| 41 | Total costs with sludge disposal | EUR/year | 27.245 | 29.361 | 31.374 | 33.426 | 35.519 | 37.653 | 39.827 | 42.041 | 44.295 | 46.589 | 48.923 | 51.297 | 53.711 | 56.165 | 58.659 | |

C.R. ADA Bacău S.A. - Annex 1-4

Operating Costs - "With Project" - Monthly

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|----|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1 | | | | | | | | | | | | | | | | |
| 2 | EUR | 615 | 625 | 634 | 643 | 652 | 661 | 670 | 680 | 689 | 699 | 709 | 718 | 728 | 738 | 749 |
| 3 | EUR | 89,206 | 89,656 | 90,106 | 90,556 | 91,006 | 91,456 | 91,906 | 92,356 | 92,806 | 93,256 | 93,706 | 94,156 | 94,606 | 95,056 | 95,506 |
| 4 | EUR | 79,381 | 79,753 | 80,125 | 80,497 | 80,869 | 81,241 | 81,613 | 81,985 | 82,357 | 82,729 | 83,101 | 83,473 | 83,845 | 84,217 | 84,589 |
| 5 | EUR | 9,825 | 9,903 | 9,981 | 10,059 | 10,137 | 10,215 | 10,293 | 10,371 | 10,449 | 10,527 | 10,605 | 10,683 | 10,761 | 10,839 | 10,917 |
| 6 | EUR | 170 | 172 | 174 | 176 | 178 | 180 | 182 | 184 | 186 | 188 | 190 | 192 | 194 | 196 | 198 |
| 7 | EUR | 582 | 584 | 586 | 588 | 590 | 592 | 594 | 596 | 598 | 600 | 602 | 604 | 606 | 608 | 610 |
| 8 | EUR | 119,492 | 119,544 | 119,596 | 119,648 | 119,700 | 119,752 | 119,804 | 119,856 | 119,908 | 119,960 | 120,012 | 120,064 | 120,116 | 120,168 | 120,220 |
| 9 | EUR | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 |
| 10 | EUR | 42,825 | 43,284 | 43,743 | 44,202 | 44,661 | 45,120 | 45,579 | 46,038 | 46,497 | 46,956 | 47,415 | 47,874 | 48,333 | 48,792 | 49,251 |
| 11 | EUR | 660,363 | 670,444 | 680,525 | 690,606 | 700,687 | 710,768 | 720,849 | 730,930 | 741,011 | 751,092 | 761,173 | 771,254 | 781,335 | 791,416 | 801,497 |
| 12 | Total | 616 | 625 | 634 | 643 | 652 | 661 | 670 | 680 | 689 | 699 | 709 | 718 | 728 | 738 | 749 |
| 13 | Materials / chemicals (related to existing system) | | | | | | | | | | | | | | | |
| 14 | Materials / chemicals (related to measures) | 48,994 | 49,695 | 50,397 | 51,098 | 51,799 | 52,500 | 53,201 | 53,902 | 54,603 | 55,304 | 56,005 | 56,706 | 57,407 | 58,108 | 58,809 |
| 15 | Energy (related to existing system) | 217.4 | 217.4 | 217.4 | 217.4 | 217.4 | 217.4 | 217.4 | 217.4 | 217.4 | 217.4 | 217.4 | 217.4 | 217.4 | 217.4 | 217.4 |
| 16 | Energy (related to measures) | | | | | | | | | | | | | | | |
| 17 | Other DS | | | | | | | | | | | | | | | |
| 18 | Unit cost | 0.00014 | 0.00014 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 |
| 19 | Water/steam quantity | 1,575,630 | 1,582,100 | 1,588,570 | 1,595,040 | 1,601,510 | 1,607,980 | 1,614,450 | 1,620,920 | 1,627,390 | 1,633,860 | 1,640,330 | 1,646,800 | 1,653,270 | 1,659,740 | 1,666,210 |
| 20 | Personnel | 14,244.5 | 14,352.7 | 14,460.9 | 14,569.1 | 14,677.3 | 14,785.5 | 14,893.7 | 15,001.9 | 15,110.1 | 15,218.3 | 15,326.5 | 15,434.7 | 15,542.9 | 15,651.1 | 15,759.3 |
| 21 | Average wage | 5,000.0 | 5,000.0 | 5,000.0 | 5,000.0 | 5,000.0 | 5,000.0 | 5,000.0 | 5,000.0 | 5,000.0 | 5,000.0 | 5,000.0 | 5,000.0 | 5,000.0 | 5,000.0 | 5,000.0 |
| 22 | Unit cost | 0.00014 | 0.00014 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 | 0.00015 |
| 23 | Total energy costs | 530.92 | 529.54 | 528.16 | 526.78 | 525.40 | 524.02 | 522.64 | 521.26 | 519.88 | 518.50 | 517.12 | 515.74 | 514.36 | 512.98 | 511.60 |
| 24 | Chemicals and reagents for laboratory | 1,462 | 1,467 | 1,472 | 1,477 | 1,482 | 1,487 | 1,492 | 1,497 | 1,502 | 1,507 | 1,512 | 1,517 | 1,522 | 1,527 | 1,532 |
| 25 | Consumables (labour, lower etc) | 595 | 601 | 607 | 613 | 619 | 625 | 631 | 637 | 643 | 649 | 655 | 661 | 667 | 673 | 679 |
| 26 | EUR/year | 69,205 | 69,858 | 70,511 | 71,164 | 71,817 | 72,470 | 73,123 | 73,776 | 74,429 | 75,082 | 75,735 | 76,388 | 77,041 | 77,694 | 78,347 |
| 27 | Total materials / chemicals costs (related to measures) | | | | | | | | | | | | | | | |
| 28 | Electricity (related to existing system) | | | | | | | | | | | | | | | |
| 29 | Total energy consumption | 0.1272 | 0.1281 | 0.1290 | 0.1299 | 0.1308 | 0.1317 | 0.1326 | 0.1335 | 0.1344 | 0.1353 | 0.1362 | 0.1371 | 0.1380 | 0.1389 | 0.1398 |
| 30 | Average energy price | | | | | | | | | | | | | | | |
| 31 | Total energy costs | | | | | | | | | | | | | | | |
| 32 | Total energy consumption | 624,462 | 625,194 | 625,926 | 626,658 | 627,390 | 628,122 | 628,854 | 629,586 | 630,318 | 631,050 | 631,782 | 632,514 | 633,246 | 633,978 | 634,710 |
| 33 | Average energy price | 0.127 | 0.127 | 0.127 | 0.127 | 0.127 | 0.127 | 0.127 | 0.127 | 0.127 | 0.127 | 0.127 | 0.127 | 0.127 | 0.127 | 0.127 |
| 34 | Total energy costs | 79,381 | 80,113 | 80,845 | 81,577 | 82,309 | 83,041 | 83,773 | 84,505 | 85,237 | 85,969 | 86,701 | 87,433 | 88,165 | 88,897 | 89,629 |
| 35 | Average unitary energy consumption | 0.42 | 0.49 | 0.39 | 0.39 | 0.39 | 0.39 | 0.39 | 0.39 | 0.39 | 0.39 | 0.39 | 0.39 | 0.39 | 0.39 | 0.39 |
| 36 | Personnel costs | | | | | | | | | | | | | | | |
| 37 | Number of personnel for the existing system | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| 38 | Increase/decrease of personnel as result of measure | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| 39 | Total number of personnel | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 |
| 40 | Average monthly gross salaries | 437 | 435 | 433 | 431 | 429 | 427 | 425 | 423 | 421 | 419 | 417 | 415 | 413 | 411 | 409 |
| 41 | Salaries related taxes paid by the employer | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 |
| 42 | Total personnel costs | 57,014 | 56,447 | 55,880 | 55,313 | 54,746 | 54,179 | 53,612 | 53,045 | 52,478 | 51,911 | 51,344 | 50,777 | 50,210 | 49,643 | 49,076 |
| 43 | Maintenance (related to existing system) | | | | | | | | | | | | | | | |
| 44 | Invest of new investments on the maintenance costs of existing systems (% increase / decrease) | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 45 | Maintenance costs (related to existing system) | 172 | 172 | 172 | 172 | 172 | 172 | 172 | 172 | 172 | 172 | 172 | 172 | 172 | 172 | 172 |
| 46 | Maintenance / repair (related to measures) | | | | | | | | | | | | | | | |
| 47 | Percentage of maintenance costs in total investment costs (plant and material) | 3.00% | 3.00% | 3.00% | 3.00% | 3.00% | 3.00% | 3.00% | 3.00% | 3.00% | 3.00% | 3.00% | 3.00% | 3.00% | 3.00% | 3.00% |
| 48 | Percentage of maintenance costs in total investment costs (main works) | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% |
| 49 | Maintenance costs (related to measures) | 256,851 | 259,410 | 262,014 | 264,634 | 267,290 | 270,000 | 272,760 | 275,570 | 278,430 | 281,340 | 284,300 | 287,310 | 290,370 | 293,480 | 296,640 |
| 50 | Decreased of budget disposal | | | | | | | | | | | | | | | |
| 51 | Average unit cost of decreased budget disposal | 189 | 193 | 197 | 202 | 206 | 211 | 215 | 220 | 224 | 229 | 233 | 237 | 241 | 245 | 249 |
| 52 | Average yearly quantity of decreased budget disposal | 630 | 629 | 627 | 625 | 624 | 622 | 620 | 619 | 617 | 615 | 613 | 611 | 609 | 607 | 605 |
| 53 | Total costs with budget disposal | 118,457 | 119,534 | 120,552 | 121,513 | 122,435 | 123,320 | 124,178 | 125,010 | 125,827 | 126,630 | 127,418 | 128,191 | 128,950 | 129,704 | 130,454 |

C.R. Apa Bacău S.A. - Annex 1-4

Historical data
2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Operating Costs - "Without Project" - Mainvest | | | | | | | | | | | | | | | | |
| 1 | Q&M Cost of Water Supply System | | | | | | | | | | | | | | | |
| 2 | Raw water costs | EUR | 209.753 | 211.326 | 207.845 | 7.601 | 7.749 | 7.788 | 7.788 | 7.808 | 7.808 | 8.643 | 8.643 | 8.896 | 8.984 | 9.162 |
| 3 | Materials / chemicals (related to existing system) | EUR | 8.918 | 8.918 | 8.918 | 7.601 | 7.749 | 7.788 | 7.788 | 7.808 | 7.808 | 8.643 | 8.643 | 8.896 | 8.984 | 9.162 |
| 4 | Materials / chemicals (related to measures) | EUR | | | | | | | | | | | | | | |
| 5 | Electricity (related to existing system) | EUR | 80.853 | 100.331 | 95.646 | 97.957 | 94.881 | 91.228 | 86.436 | 88.528 | 92.881 | 94.778 | 96.948 | 99.055 | 101.196 | 103.371 |
| 6 | Electricity (related to measures) | EUR | | | | | | | | | | | | | | |
| 7 | Personnel costs | EUR | 160.291 | 138.895 | 138.895 | 140.422 | 143.793 | 147.963 | 153.141 | 159.367 | 166.434 | 174.756 | 182.483 | 192.668 | 202.301 | 211.203 |
| 8 | Maintenance / repair (related to existing system) | EUR | 33.660 | 29.167 | 29.167 | 30.345 | 30.801 | 31.108 | 31.420 | 32.051 | 32.372 | 32.695 | 33.022 | 33.353 | 33.686 | 34.023 |
| 9 | Maintenance / repair (related to measures) | EUR | | | | | | | | | | | | | | |
| 10 | Depreciation | EUR | 109 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 |
| 11 | Concession fee | EUR | 155.045 | 134.249 | 137.036 | 139.771 | 141.874 | 143.292 | 144.725 | 146.172 | 147.634 | 149.111 | 150.602 | 152.108 | 153.629 | 155.165 |
| 12 | General Administration | EUR | 648.678 | 622.711 | 627.711 | 627.711 | 627.711 | 627.711 | 627.711 | 627.711 | 627.711 | 627.711 | 627.711 | 627.711 | 627.711 | 627.711 |
| 13 | Total | EUR | 1.629.313 | 1.834.405 | 1.760.487 | 1.630.004 | 1.591.452 | 1.499.042 | 1.511.681 | 1.523.329 | 1.534.778 | 1.546.711 | 1.556.975 | 1.567.123 | 1.577.459 | 1.587.049 |
| 14 | Raw water costs | EUR/m3 | 0.1207 | 0.1116 | 0.1138 | 0.1138 | 0.1138 | 0.1138 | 0.1138 | 0.1138 | 0.1138 | 0.1138 | 0.1138 | 0.1138 | 0.1138 | 0.1138 |
| 15 | Average price for raw water | EUR/year | 209.753 | 211.326 | 207.845 | 7.601 | 7.749 | 7.788 | 7.788 | 7.808 | 7.808 | 8.643 | 8.643 | 8.896 | 8.984 | 9.162 |
| 16 | Total raw water costs | EUR/year | 8.918 | 8.918 | 8.918 | 7.601 | 7.749 | 7.788 | 7.788 | 7.808 | 7.808 | 8.643 | 8.643 | 8.896 | 8.984 | 9.162 |
| 17 | Materials / chemicals (related to existing system) | EUR/year | | | | | | | | | | | | | | |
| 18 | Electricity (related to existing system) | Kwh/year | 1.340.307 | 1.292.958 | 1.248.116 | 1.189.149 | 1.126.469 | 1.067.639 | 1.070.005 | 1.072.250 | 1.086.354 | 1.094.800 | 1.102.065 | 1.109.248 | 1.116.546 | 1.123.353 |
| 19 | Total energy consumption | EUR/kWh | 0.077 | 0.075 | 0.077 | 0.080 | 0.081 | 0.082 | 0.085 | 0.086 | 0.089 | 0.090 | 0.091 | 0.091 | 0.091 | 0.091 |
| 20 | Average energy price | EUR/year | 80.853 | 100.331 | 95.646 | 97.957 | 94.881 | 91.228 | 86.436 | 88.528 | 92.881 | 94.778 | 96.948 | 99.055 | 101.196 | 103.371 |
| 21 | Total energy costs | EUR/year | 80.853 | 100.331 | 95.646 | 97.957 | 94.881 | 91.228 | 86.436 | 88.528 | 92.881 | 94.778 | 96.948 | 99.055 | 101.196 | 103.371 |
| 22 | Average unitary energy consumption | Kwh/m3 | 0.65 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 |
| 23 | Personnel costs | no | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| 24 | Number of personnel for the existing system | no | | | | | | | | | | | | | | |
| 25 | Increase/decrease of personnel | no | | | | | | | | | | | | | | |
| 26 | Total number of personnel | no | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| 27 | Average monthly gross salaries | EUR/month | 290 | 262 | 262 | 262 | 262 | 268 | 277 | 289 | 302 | 317 | 332 | 349 | 367 | 383 |
| 28 | Average monthly taxes paid by the employer | EUR/month | 81 | 70 | 71 | 72 | 74 | 77 | 80 | 84 | 88 | 92 | 97 | 102 | 106 | 111 |
| 29 | Total personnel costs | EUR/year | 160.291 | 138.895 | 140.422 | 143.793 | 147.963 | 153.141 | 159.367 | 166.434 | 174.756 | 182.483 | 192.668 | 202.301 | 211.203 | 220.996 |
| 30 | Maintenance (related to existing system) | EUR/year | 33.660 | 29.167 | 29.167 | 30.345 | 30.801 | 31.108 | 31.420 | 32.051 | 32.372 | 32.695 | 33.022 | 33.353 | 33.686 | 34.023 |
| 31 | Impact of new investments on the maintenance costs of existing systems (% increase or decrease) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 32 | Maintenance costs (related to existing system) | EUR/year | 33.660 | 29.167 | 29.167 | 30.345 | 30.801 | 31.108 | 31.420 | 32.051 | 32.372 | 32.695 | 33.022 | 33.353 | 33.686 | 34.023 |

C.R. ARI BACAU S.A. - Annex 14

Operating Costs - "Without Project" - Midwest

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|--|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1 O&M Cost of Water Supply System | | | | | | | | | | | | | | | | |
| 2 Raw water cost | EUR | 9 344 | 9 344 | 9 344 | 9 344 | 9 344 | 9 344 | 9 344 | 9 344 | 9 344 | 9 344 | 9 344 | 9 344 | 9 344 | 9 344 | 9 344 |
| 3 Materials / chemicals (related to existing system) | EUR | 9 233 | 9 234 | 9 234 | 9 234 | 9 234 | 9 234 | 9 234 | 9 234 | 9 234 | 9 234 | 9 234 | 9 234 | 9 234 | 9 234 | 9 234 |
| 4 Materials / chemicals (related to new system) | EUR | 107 931 | 119 115 | 112 444 | 114 812 | 117 225 | 119 682 | 122 185 | 124 735 | 127 339 | 129 995 | 132 702 | 135 461 | 138 271 | 141 132 | 144 054 |
| 5 Electricity (related to existing system) | EUR | 240 326 | 259 901 | 261 940 | 273 465 | 285 498 | 298 060 | 311 175 | 324 865 | 339 160 | 354 083 | 369 663 | 385 928 | 402 900 | 420 617 | 439 145 |
| 6 Electricity (related to new system) | EUR | 34 707 | 35 054 | 35 404 | 35 759 | 36 115 | 36 477 | 36 842 | 37 210 | 37 583 | 37 956 | 38 330 | 38 705 | 39 080 | 39 455 | 39 830 |
| 7 Maintenance / repair (related to existing system) | EUR | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 |
| 8 Maintenance / repair (related to new system) | EUR | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 |
| 9 Depreciation | EUR | 278 | 278 | 278 | 278 | 278 | 278 | 278 | 278 | 278 | 278 | 278 | 278 | 278 | 278 | 278 |
| 10 Concession fee | EUR | 159 867 | 161 465 | 163 089 | 164 741 | 166 421 | 168 127 | 169 867 | 171 642 | 173 453 | 175 299 | 177 180 | 179 096 | 181 047 | 183 033 | 185 055 |
| 11 General Administration | EUR | 552 898 | 567 794 | 583 221 | 599 192 | 615 728 | 632 837 | 650 544 | 668 904 | 687 963 | 707 760 | 728 345 | 749 759 | 772 046 | 795 254 | 819 437 |
| 12 Total | EUR | 1 595 815 | 1 606 544 | 1 616 383 | 1 625 827 | 1 634 876 | 1 643 525 | 1 651 875 | 1 659 924 | 1 667 673 | 1 675 120 | 1 682 265 | 1 689 108 | 1 695 750 | 1 702 191 | 1 708 432 |
| 13 Raw water cost | €/m ³ /year | 9 233 | 9 344 | 9 459 | 9 577 | 9 697 | 9 819 | 9 943 | 10 069 | 10 196 | 10 324 | 10 452 | 10 581 | 10 711 | 10 841 | 10 971 |
| 14 Raw water quantity | m ³ /year | 1 595 815 | 1 606 544 | 1 616 383 | 1 625 827 | 1 634 876 | 1 643 525 | 1 651 875 | 1 659 924 | 1 667 673 | 1 675 120 | 1 682 265 | 1 689 108 | 1 695 750 | 1 702 191 | 1 708 432 |
| 15 Average price for raw water | €/m ³ /year | 5.80 | 5.82 | 5.85 | 5.87 | 5.89 | 5.91 | 5.93 | 5.95 | 5.97 | 5.99 | 6.01 | 6.03 | 6.05 | 6.07 | 6.09 |
| 16 Total Raw water costs | EUR/year | 9 233 | 9 344 | 9 459 | 9 577 | 9 697 | 9 819 | 9 943 | 10 069 | 10 196 | 10 324 | 10 452 | 10 581 | 10 711 | 10 841 | 10 971 |
| 17 Materials / chemicals (related to existing system) | EUR/year | 9 233 | 9 234 | 9 234 | 9 234 | 9 234 | 9 234 | 9 234 | 9 234 | 9 234 | 9 234 | 9 234 | 9 234 | 9 234 | 9 234 | 9 234 |
| 18 Electricity (related to existing system) | €/m ³ /year | 130.936 | 137.223 | 144.115 | 151.543 | 159.572 | 168.260 | 177.561 | 187.436 | 197.948 | 209.159 | 221.031 | 233.631 | 246.931 | 260.999 | 275.805 |
| 19 Total energy consumption | €/m ³ /year | 130.936 | 137.223 | 144.115 | 151.543 | 159.572 | 168.260 | 177.561 | 187.436 | 197.948 | 209.159 | 221.031 | 233.631 | 246.931 | 260.999 | 275.805 |
| 20 Average energy price | €/kWh/year | 0.095 | 0.097 | 0.099 | 0.101 | 0.103 | 0.105 | 0.107 | 0.109 | 0.111 | 0.113 | 0.115 | 0.117 | 0.119 | 0.121 | 0.123 |
| 21 Total energy costs | EUR/year | 107 631 | 119 115 | 112 444 | 114 812 | 117 225 | 119 682 | 122 185 | 124 735 | 127 339 | 129 995 | 132 702 | 135 461 | 138 271 | 141 132 | 144 054 |
| 22 Average energy consumption | €/m ³ /year | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71 |
| 23 Personnel costs | no | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| 24 Number of personnel for the existing system | no | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| 25 Increase/decrease of personnel | no | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 Total number of personnel | no | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| 27 Average monthly gross salaries | EUR/month | 435 | 455 | 475 | 495 | 517 | 540 | 564 | 589 | 614 | 641 | 670 | 699 | 730 | 762 | 796 |
| 28 Salaries related taxes paid by the employer | EUR/month | 121 | 127 | 132 | 138 | 144 | 150 | 157 | 163 | 171 | 178 | 186 | 194 | 203 | 212 | 221 |
| 29 Total personnel costs | EUR/year | 240 326 | 259 901 | 261 940 | 273 465 | 285 498 | 298 060 | 311 175 | 324 865 | 339 160 | 354 083 | 369 663 | 385 928 | 402 900 | 420 617 | 439 145 |
| 30 Maintenance (related to existing system) | EUR/year | 34 707 | 35 054 | 35 404 | 35 759 | 36 115 | 36 477 | 36 842 | 37 210 | 37 583 | 37 956 | 38 330 | 38 705 | 39 080 | 39 455 | 39 830 |
| Impact of new investments on the maintenance costs of existing systems (%) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 31 Increase or decrease | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 32 Maintenance costs (related to existing system) | EUR/year | 34 707 | 35 054 | 35 404 | 35 759 | 36 115 | 36 477 | 36 842 | 37 210 | 37 583 | 37 956 | 38 330 | 38 705 | 39 080 | 39 455 | 39 830 |

C.R. Apa Bacau S.A. - Annex 1-4

Historical data
2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023

Operating Costs - "Without Project" - Mainnet

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| O&M Cost of Wastewater System | | | | | | | | | | | | | | | | |
| 1 Materials / chemicals (related to existing system) | EUR | 542 | 476 | 485 | 495 | 500 | 505 | 520 | 526 | 531 | 536 | 541 | 546 | 552 | 557 | 563 |
| 2 Materials / chemicals (related to measures) | EUR | | | | | | | | | | | | | | | |
| 3 Electricity (related to existing system) | EUR | 9,901 | 5,338 | 5,519 | 5,484 | 5,478 | 5,468 | 5,575 | 5,682 | 5,790 | 5,899 | 6,012 | 6,122 | 6,235 | 6,349 | 6,466 |
| 4 Electricity (related to measures) | EUR | | | | | | | | | | | | | | | |
| 5 Personnel costs | EUR | 78,067 | 69,292 | 69,292 | 70,054 | 71,735 | 73,116 | 76,399 | 83,031 | 87,182 | 91,541 | 96,119 | 100,324 | 105,365 | 110,001 | 114,841 |
| 6 Maintenance / repair (related to existing system) | EUR | 165 | 143 | 146 | 149 | 151 | 153 | 156 | 157 | 159 | 160 | 162 | 164 | 165 | 167 | 169 |
| 7 Maintenance / repair (related to measures) | EUR | | | | | | | | | | | | | | | |
| 8 Devaluated sludge disposal | EUR | | | 16,349 | 17,616 | 18,825 | 20,035 | 13,485 | 13,732 | 13,973 | 14,216 | 14,467 | 14,707 | 48,799 | 49,534 | 50,397 |
| 9 Depreciation | EUR | | | | | | | | | | | | | | | |
| 10 Concession fee | EUR | | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 |
| 11 General Administration | EUR | 41,541 | 35,968 | 36,718 | 37,453 | 38,014 | 38,392 | 53,700 | 54,735 | 55,244 | 55,756 | 56,276 | 56,794 | 57,295 | 57,809 | 58,328 |
| 12 Total | EUR | 130,219 | 111,862 | 112,745 | 139,556 | 134,081 | 137,759 | 156,866 | 158,447 | 163,464 | 168,634 | 174,161 | 179,832 | 218,595 | 225,062 | 231,346 |
| 13 Materials / chemicals (related to existing system) | EUR/year | 542 | 476 | 485 | 495 | 500 | 505 | 520 | 526 | 531 | 536 | 541 | 546 | 552 | 557 | 563 |
| 14 Electricity (related to existing system) | Kwh/year | 87,086 | 53,806 | 53,713 | 52,303 | 51,545 | 50,729 | 49,882 | 50,133 | 50,522 | 50,744 | 50,915 | 51,086 | 51,259 | 51,429 | 51,594 |
| 15 Total energy consumption | EUR/year | 0,11 | 0,10 | 0,103 | 0,106 | 0,108 | 0,110 | 0,111 | 0,113 | 0,115 | 0,116 | 0,118 | 0,120 | 0,122 | 0,123 | 0,125 |
| 16 Average energy price | EUR/year | 5,901 | 5,368 | 5,519 | 5,484 | 5,478 | 5,468 | 5,575 | 5,682 | 5,790 | 5,899 | 6,012 | 6,122 | 6,235 | 6,349 | 6,466 |
| 17 Total energy costs | EUR/year | 0,06 | 0,04 | 0,04 | 0,04 | 0,04 | 0,04 | 0,04 | 0,04 | 0,04 | 0,04 | 0,04 | 0,04 | 0,04 | 0,04 | 0,04 |
| 18 Average utility energy consumption | Kwh/m3 | | | | | | | | | | | | | | | |
| 19 Personnel costs | no | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| 20 Number of personnel for the existing system | no | | | | | | | | | | | | | | | |
| 21 Increase/decrease of personnel as result of measure | no | | | | | | | | | | | | | | | |
| 22 Total number of personnel | no | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| 23 Average monthly gross salaries | EUR/month | 282 | 252 | 252 | 251 | 268 | 278 | 288 | 302 | 317 | 333 | 350 | 368 | 384 | 401 | 418 |
| 24 Salaries related taxes paid by the employer | EUR/month | 19 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| 25 Total personnel costs | EUR/year | 78,067 | 69,292 | 69,292 | 70,054 | 71,735 | 73,816 | 76,399 | 83,031 | 87,182 | 91,541 | 96,119 | 100,324 | 105,365 | 110,001 | 114,841 |
| 26 Maintenance (related to existing system) | EUR/year | 165 | 143 | 146 | 149 | 151 | 153 | 156 | 157 | 159 | 160 | 162 | 164 | 165 | 167 | 169 |
| 27 Impact of new investments on the maintenance costs of existing systems (% increase or decrease) | % | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% |
| 28 Maintenance costs (related to existing system) | EUR/year | 165 | 143 | 146 | 149 | 151 | 153 | 156 | 157 | 159 | 160 | 162 | 164 | 165 | 167 | 169 |
| Devaluated sludge disposal | | | | | | | | | | | | | | | | |
| Average unit cost of devaluated sludge disposal | EUR/ton | 48 | 48 | 49 | 50 | 51 | 52 | 53 | 53 | 54 | 54 | 55 | 55 | 55 | 55 | 55 |
| Average yearly quantity of devaluated sludge | to/year | | | | | | | | | | | | | | | |
| Total costs with sludge disposal | EUR/year | | | 16,349 | 17,616 | 18,825 | 20,035 | 13,485 | 13,732 | 13,973 | 14,216 | 14,467 | 14,707 | 48,799 | 49,534 | 50,397 |

C.R. Apa Esteru S.A. - Annex 14

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Operating Costs - "Without Project" - Moldavia

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|--|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 O&M Cost of Wastewater System | EUR | 560 | 585 | 597 | 597 | 597 | 603 | 609 | 612 | 622 | 628 | 634 | 640 | 647 | 653 | 657 |
| 2 Materials / chemicals (related to existing system) | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 Materials / chemicals (related to measures) | EUR | 5.94 | 5.94 | 5.95 | 5.95 | 5.95 | 6.03 | 6.09 | 6.12 | 6.22 | 6.28 | 6.34 | 6.40 | 6.47 | 6.53 | 6.57 |
| 4 Electricity (related to existing system) | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5 Electricity (related to measures) | EUR | 115.84 | 125.69 | 130.67 | 135.42 | 140.49 | 145.29 | 150.29 | 155.45 | 160.78 | 166.28 | 171.94 | 177.76 | 183.64 | 189.57 | 195.55 |
| 6 Personnel costs | EUR | 179 | 172 | 175 | 177 | 179 | 181 | 183 | 184 | 186 | 188 | 190 | 192 | 194 | 196 | 198 |
| 7 Maintenance / repair (related to existing system) | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 Maintenance / repair (related to measures) | EUR | 51.70 | 52.89 | 52.82 | 53.70 | 54.54 | 55.41 | 56.17 | 56.91 | 57.59 | 58.21 | 58.79 | 59.32 | 59.81 | 60.28 | 60.73 |
| 9 Depreciation | EUR | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 |
| 10 Depreciation for | EUR | 54.84 | 53.79 | 52.89 | 52.05 | 51.26 | 50.51 | 49.80 | 49.13 | 48.50 | 47.90 | 47.33 | 46.79 | 46.27 | 45.77 | 45.29 |
| 11 General Administration | EUR | 237.85 | 244.86 | 250.85 | 256.39 | 261.99 | 267.28 | 272.68 | 277.68 | 282.68 | 287.68 | 292.68 | 297.68 | 302.68 | 307.68 | 312.68 |
| 12 Total | EUR | 565 | 574 | 582 | 588 | 592 | 603 | 609 | 612 | 622 | 628 | 634 | 640 | 647 | 653 | 657 |
| 13 Materials / chemicals (related to existing system) | EUR/year | | | | | | | | | | | | | | | |
| 14 Electricity (related to existing system) | kWh/year | 51.761 | 51.925 | 52.089 | 52.251 | 52.414 | 52.576 | 52.738 | 52.900 | 53.061 | 53.222 | 53.383 | 53.542 | 53.698 | 53.854 | 54.012 |
| 15 Total energy consumption | EUR/month | 0.127 | 0.133 | 0.139 | 0.145 | 0.151 | 0.157 | 0.163 | 0.169 | 0.175 | 0.181 | 0.187 | 0.193 | 0.199 | 0.205 | 0.211 |
| 16 Average salary price | EUR/year | 5.384 | 5.704 | 5.826 | 5.950 | 6.075 | 6.204 | 6.335 | 6.468 | 6.602 | 6.736 | 6.872 | 7.009 | 7.148 | 7.288 | 7.429 |
| 17 Total energy costs | EUR/year | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 |
| 18 Average salary energy consumption | kWh/m3 | | | | | | | | | | | | | | | |
| 19 Personnel costs | no | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| 20 Number of personnel for the existing system | no | | | | | | | | | | | | | | | |
| 21 Increase/decrease of personnel as result of measure | no | | | | | | | | | | | | | | | |
| 22 Total number of personnel | no | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| 23 Average monthly gross salaries | EUR/month | 437 | 455 | 475 | 497 | 513 | 541 | 565 | 590 | 618 | 647 | 672 | 701 | 732 | 765 | 801 |
| 24 Salaries related taxes paid by the employer | EUR/month | 118 | 124 | 129 | 135 | 141 | 147 | 153 | 160 | 167 | 175 | 182 | 190 | 197 | 205 | 213 |
| 25 Total personnel costs | EUR/year | 119.894 | 125.169 | 130.877 | 136.427 | 142.829 | 148.696 | 155.239 | 162.669 | 169.285 | 176.185 | 183.466 | 191.129 | 199.184 | 207.642 | 216.508 |
| 26 Maintenance (related to existing system) | EUR/year | 179 | 172 | 174 | 175 | 177 | 181 | 183 | 184 | 186 | 188 | 190 | 192 | 194 | 196 | 198 |
| 27 Impact of new investments on the maintenance costs of existing systems (% increase or decrease) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 28 Maintenance costs (related to existing system) | EUR/year | 170 | 172 | 174 | 175 | 177 | 181 | 183 | 184 | 186 | 188 | 190 | 192 | 194 | 196 | 198 |
| 29 Depreciated sludge disposal | EUR/year | | | | | | | | | | | | | | | |
| 30 Average unit cost of domestic sludge disposal | EUR/t | 182 | 180 | 182 | 184 | 186 | 188 | 190 | 192 | 194 | 196 | 198 | 200 | 202 | 204 | 206 |
| 31 Average yearly quantity of domestic sludge | ton/year | 272 | 274 | 276 | 277 | 279 | 280 | 284 | 287 | 289 | 291 | 293 | 295 | 297 | 299 | 301 |
| 32 Total costs with sludge disposal | EUR/year | 51210 | 52003 | 52862 | 53702 | 54554 | 55429 | 56328 | 57175 | 58073 | 58981 | 59901 | 60829 | 61766 | 62712 | 63678 |

Europe Aid 123050/D/SVIRO
FEASIBILITY STUDY BACAU COUNTY

RESULTS OF FINANCIAL AND ECONOMIC ANALYSIS

A895/OD-0021/Rev.1

S.R. Ana Reclus S.A. - Annex 14

| Historical data | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
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C.R. Apa Bacau S.A. - Annex 1-4

Operating Costs - "With Project" - (Buhai)

| | | Historical data | | | | | | | | | | | | ►►► Projection ►►► | | | | | | | | | | | |
|----|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------------------|---------|---------|---------|--|--|--|--|--|--|--|--|
| | | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | | | | | | | | |
| 1 | Q&M Cost of Wastewater System | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Materials / chemicals (related to existing system) | EUR | 5,600 | 4,333 | 4,386 | 4,941 | 5,574 | 6,281 | 7,089 | 7,724 | 7,777 | 7,624 | 7,956 | 8,101 | 8,249 | 8,399 | 8,550 | | | | | | | | |
| 3 | Materials / chemicals (related to measures) | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 4 | Electricity (related to existing system) | EUR | 18,617 | 16,132 | 16,490 | 19,574 | 20,968 | 21,814 | 22,698 | 23,621 | 24,583 | 25,583 | 26,621 | 27,696 | 28,807 | 29,954 | 31,137 | | | | | | | | |
| 5 | Electricity (related to measures) | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 6 | Personnel costs | EUR | 112,678 | 97,638 | 97,638 | 98,712 | 99,865 | 101,095 | 102,397 | 103,762 | 105,181 | 106,654 | 108,181 | 109,761 | 111,394 | 113,072 | 114,805 | | | | | | | | |
| 7 | Maintenance / repair (related to existing system) | EUR | 33 | 29 | 29 | 30 | 31 | 31 | 32 | 32 | 33 | 33 | 34 | 34 | 35 | 35 | 36 | | | | | | | | |
| 8 | Maintenance / repair (related to measures) | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 9 | Overhaul sludge compressor | EUR | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | | | | | | | | |
| 10 | Overhaul sludge compressor | EUR | 43 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | | | | | | | | |
| 11 | General Administration | EUR | 9,576 | 8,297 | 8,463 | 8,633 | 8,762 | 8,898 | 9,038 | 9,178 | 9,318 | 9,459 | 9,599 | 9,739 | 9,879 | 10,019 | 10,159 | | | | | | | | |
| 12 | Total | EUR | 142,948 | 126,466 | 127,044 | 135,462 | 142,332 | 149,407 | 156,708 | 164,320 | 172,300 | 180,674 | 189,455 | 198,652 | 208,275 | 218,324 | 228,801 | | | | | | | | |
| 13 | Materials / chemicals (related to existing system) | EUR/year | 5,600 | 4,333 | 4,386 | 4,941 | 5,574 | 6,281 | 7,089 | 7,724 | 7,777 | 7,624 | 7,956 | 8,101 | 8,249 | 8,399 | 8,550 | | | | | | | | |
| 14 | Materials / chemicals (related to measure) | EUR/year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 15 | Electricity consumption | kWh/year | 163,880 | 140,779 | 140,779 | 148,286 | 162,768 | 171,206 | 174,245 | 184,147 | 193,103 | 203,631 | 213,293 | 222,884 | 232,415 | 241,865 | 251,246 | | | | | | | | |
| 16 | Electricity price | EUR/kWh | 0.112 | 0.115 | 0.116 | 0.118 | 0.120 | 0.122 | 0.124 | 0.126 | 0.128 | 0.130 | 0.132 | 0.134 | 0.136 | 0.138 | 0.140 | | | | | | | | |
| 17 | Total electricity costs | EUR/year | 18,361 | 16,132 | 16,490 | 17,574 | 19,574 | 20,968 | 21,814 | 22,698 | 23,621 | 24,583 | 25,583 | 26,621 | 27,696 | 28,807 | 29,954 | | | | | | | | |
| 18 | Personnel costs | EUR/year | 112,678 | 97,638 | 97,638 | 98,712 | 99,865 | 101,095 | 102,397 | 103,762 | 105,181 | 106,654 | 108,181 | 109,761 | 111,394 | 113,072 | 114,805 | | | | | | | | |
| 19 | Maintenance / repair (related to measures) | EUR/year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 20 | Total energy consumption | kWh/year | 163,880 | 140,779 | 140,779 | 148,286 | 162,768 | 171,206 | 174,245 | 184,147 | 193,103 | 203,631 | 213,293 | 222,884 | 232,415 | 241,865 | 251,246 | | | | | | | | |
| 21 | Average energy price | EUR/kWh | 0.112 | 0.115 | 0.116 | 0.118 | 0.120 | 0.122 | 0.124 | 0.126 | 0.128 | 0.130 | 0.132 | 0.134 | 0.136 | 0.138 | 0.140 | | | | | | | | |
| 22 | Total energy costs | EUR/year | 18,361 | 16,132 | 16,490 | 17,574 | 19,574 | 20,968 | 21,814 | 22,698 | 23,621 | 24,583 | 25,583 | 26,621 | 27,696 | 28,807 | 29,954 | | | | | | | | |
| 23 | Average unitary energy consumption | kWh/m ³ | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | | | | | | | | |
| 24 | Personnel costs | no | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | | |
| 25 | Increase/decrease of personnel as result of measure | no | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 26 | Total number of personnel | no | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | | |
| 27 | Average monthly gross salaries | EUR/month | 399 | 346 | 346 | 348 | 353 | 358 | 363 | 368 | 373 | 378 | 383 | 388 | 393 | 398 | 403 | | | | | | | | |
| 28 | Salaries related taxes paid by the employer | EUR/month | 71 | 61 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | | | | | | | | |
| 29 | Total personnel costs | EUR/year | 112,678 | 97,638 | 97,638 | 98,712 | 99,865 | 101,095 | 102,397 | 103,762 | 105,181 | 106,654 | 108,181 | 109,761 | 111,394 | 113,072 | 114,805 | | | | | | | | |
| 30 | Maintenance (related to existing system) | EUR/year | 33 | 29 | 29 | 30 | 31 | 31 | 32 | 32 | 33 | 33 | 34 | 34 | 35 | 35 | 36 | | | | | | | | |
| 31 | Impact of new investments on the maintenance costs of existing systems (% increase or decrease) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | | | | | | |
| 32 | Maintenance costs (related to existing system) | EUR/year | 33 | 29 | 29 | 30 | 31 | 31 | 32 | 32 | 33 | 33 | 34 | 34 | 35 | 35 | 36 | | | | | | | | |
| 33 | Maintenance (repair) (related to measures) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | | | | | | |
| 34 | Percentage of maintenance costs in total investment costs (plant and machinery) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | | | | | | |
| 35 | Percentage of maintenance costs in total investment costs (main works) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | | | | | | |
| 36 | Maintenance costs (related to measures) | EUR/year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 37 | Average unit cost of dewatered sludge disposal | EUR/ton | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | | | | | | | | |
| 38 | Average yearly quantity of dewatered sludge | ton/year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 39 | Total costs with sludge disposal | EUR/year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | |

C.R. Apa Bacau S.A. - Annex 14

Operating Costs - "Without Project" - Buhuzi

| | | Historical data | | | | | | | | | | | | | Projection | | |
|----|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------|---------|---------|
| | | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
| 1 | Total Cost of Water Supply System | EUR | 15,020 | 8,591 | 8,837 | 9,625 | 10,198 | 11,577 | 11,514 | 12,047 | 12,275 | 12,503 | 12,740 | 12,963 | 13,189 | 13,417 | 13,647 |
| 2 | Raw water costs | EUR | 4,875 | 4,224 | 4,331 | 4,703 | 4,856 | 4,756 | 4,813 | 4,886 | 4,728 | 4,775 | 4,825 | 4,866 | 4,914 | 4,963 | 5,012 |
| 3 | Materials / chemicals (related to existing system) | EUR | 81,968 | 80,344 | 80,665 | 66,300 | 70,241 | 75,431 | 82,290 | 84,635 | 86,561 | 88,714 | 90,840 | 92,888 | 94,977 | 97,084 | 99,251 |
| 4 | Electricity (related to existing system) | EUR | 125,833 | 112,803 | 112,803 | 114,841 | 116,781 | 120,163 | 124,733 | 128,168 | 141,927 | 149,024 | 156,475 | 164,288 | 171,528 | 179,075 | 186,654 |
| 5 | Personnel costs | EUR | 459 | 428 | 436 | 445 | 451 | 456 | 465 | 470 | 475 | 479 | 484 | 488 | 494 | 499 | 504 |
| 6 | Maintenance / repair (related to existing system) | EUR | 8,167 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 |
| 7 | Maintenance / repair (related to measures) | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | Depreciation | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 9 | Concession fee | EUR | 41,699 | 12,737 | 12,981 | 13,291 | 13,450 | 13,720 | 13,868 | 13,996 | 14,136 | 14,277 | 14,420 | 14,564 | 14,710 | 14,857 | 15,006 |
| 10 | General Administration | EUR | 281,002 | 278,203 | 280,710 | 279,452 | 272,854 | 282,386 | 286,199 | 290,082 | 297,209 | 276,660 | 286,860 | 291,148 | 306,889 | 316,982 | 327,453 |
| 11 | Total | EUR | 975,000 | 730,195 | 733,842 | 786,366 | 820,820 | 866,447 | 913,418 | 922,667 | 931,850 | 940,056 | 954,471 | 963,697 | 970,692 | 977,671 | 984,613 |
| 12 | Raw water quantity | EUR/m ³ | 0,0111 | 0,0118 | 0,0120 | 0,0122 | 0,0124 | 0,0125 | 0,0127 | 0,0128 | 0,0129 | 0,0130 | 0,0131 | 0,0132 | 0,0133 | 0,0134 | 0,0135 |
| 13 | Average price for raw water | EUR/year | 15,020 | 8,591 | 8,837 | 9,625 | 10,198 | 11,577 | 11,514 | 12,047 | 12,275 | 12,503 | 12,740 | 12,963 | 13,189 | 13,417 | 13,647 |
| 14 | Total raw water costs | EUR/year | 4,875 | 4,224 | 4,331 | 4,703 | 4,856 | 4,756 | 4,813 | 4,886 | 4,728 | 4,775 | 4,825 | 4,866 | 4,914 | 4,963 | 5,012 |
| 15 | Materials / chemicals (related to existing system) | EUR/year | 81,968 | 80,344 | 80,665 | 66,300 | 70,241 | 75,431 | 82,290 | 84,635 | 86,561 | 88,714 | 90,840 | 92,888 | 94,977 | 97,084 | 99,251 |
| 16 | Electricity (related to existing system) | EUR/year | 125,833 | 112,803 | 112,803 | 114,841 | 116,781 | 120,163 | 124,733 | 128,168 | 141,927 | 149,024 | 156,475 | 164,288 | 171,528 | 179,075 | 186,654 |
| 17 | Personnel costs | EUR/year | 459 | 428 | 436 | 445 | 451 | 456 | 465 | 470 | 475 | 479 | 484 | 488 | 494 | 499 | 504 |
| 18 | Maintenance / repair (related to existing system) | EUR/year | 8,167 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 |
| 19 | Maintenance / repair (related to measures) | EUR/year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 20 | Depreciation | EUR/year | 41,699 | 12,737 | 12,981 | 13,291 | 13,450 | 13,720 | 13,868 | 13,996 | 14,136 | 14,277 | 14,420 | 14,564 | 14,710 | 14,857 | 15,006 |
| 21 | Concession fee | EUR/year | 281,002 | 278,203 | 280,710 | 279,452 | 272,854 | 282,386 | 286,199 | 290,082 | 297,209 | 276,660 | 286,860 | 291,148 | 306,889 | 316,982 | 327,453 |
| 22 | General Administration | EUR/year | 975,000 | 730,195 | 733,842 | 786,366 | 820,820 | 866,447 | 913,418 | 922,667 | 931,850 | 940,056 | 954,471 | 963,697 | 970,692 | 977,671 | 984,613 |
| 23 | Total raw water costs | EUR/year | 15,020 | 8,591 | 8,837 | 9,625 | 10,198 | 11,577 | 11,514 | 12,047 | 12,275 | 12,503 | 12,740 | 12,963 | 13,189 | 13,417 | 13,647 |
| 24 | Materials / chemicals (related to existing system) | EUR/year | 81,968 | 80,344 | 80,665 | 66,300 | 70,241 | 75,431 | 82,290 | 84,635 | 86,561 | 88,714 | 90,840 | 92,888 | 94,977 | 97,084 | 99,251 |
| 25 | Electricity (related to existing system) | EUR/year | 125,833 | 112,803 | 112,803 | 114,841 | 116,781 | 120,163 | 124,733 | 128,168 | 141,927 | 149,024 | 156,475 | 164,288 | 171,528 | 179,075 | 186,654 |
| 26 | Personnel costs | EUR/year | 459 | 428 | 436 | 445 | 451 | 456 | 465 | 470 | 475 | 479 | 484 | 488 | 494 | 499 | 504 |
| 27 | Maintenance / repair (related to existing system) | EUR/year | 8,167 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 |
| 28 | Maintenance / repair (related to measures) | EUR/year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | Depreciation | EUR/year | 41,699 | 12,737 | 12,981 | 13,291 | 13,450 | 13,720 | 13,868 | 13,996 | 14,136 | 14,277 | 14,420 | 14,564 | 14,710 | 14,857 | 15,006 |
| 30 | Concession fee | EUR/year | 281,002 | 278,203 | 280,710 | 279,452 | 272,854 | 282,386 | 286,199 | 290,082 | 297,209 | 276,660 | 286,860 | 291,148 | 306,889 | 316,982 | 327,453 |
| 31 | General Administration | EUR/year | 975,000 | 730,195 | 733,842 | 786,366 | 820,820 | 866,447 | 913,418 | 922,667 | 931,850 | 940,056 | 954,471 | 963,697 | 970,692 | 977,671 | 984,613 |
| 32 | Total raw water costs | EUR/year | 15,020 | 8,591 | 8,837 | 9,625 | 10,198 | 11,577 | 11,514 | 12,047 | 12,275 | 12,503 | 12,740 | 12,963 | 13,189 | 13,417 | 13,647 |
| 33 | Materials / chemicals (related to existing system) | EUR/year | 81,968 | 80,344 | 80,665 | 66,300 | 70,241 | 75,431 | 82,290 | 84,635 | 86,561 | 88,714 | 90,840 | 92,888 | 94,977 | 97,084 | 99,251 |
| 34 | Electricity (related to existing system) | EUR/year | 125,833 | 112,803 | 112,803 | 114,841 | 116,781 | 120,163 | 124,733 | 128,168 | 141,927 | 149,024 | 156,475 | 164,288 | 171,528 | 179,075 | 186,654 |
| 35 | Personnel costs | EUR/year | 459 | 428 | 436 | 445 | 451 | 456 | 465 | 470 | 475 | 479 | 484 | 488 | 494 | 499 | 504 |
| 36 | Maintenance / repair (related to existing system) | EUR/year | 8,167 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 |
| 37 | Maintenance / repair (related to measures) | EUR/year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 38 | Depreciation | EUR/year | 41,699 | 12,737 | 12,981 | 13,291 | 13,450 | 13,720 | 13,868 | 13,996 | 14,136 | 14,277 | 14,420 | 14,564 | 14,710 | 14,857 | 15,006 |
| 39 | Concession fee | EUR/year | 281,002 | 278,203 | 280,710 | 279,452 | 272,854 | 282,386 | 286,199 | 290,082 | 297,209 | 276,660 | 286,860 | 291,148 | 306,889 | 316,982 | 327,453 |
| 40 | General Administration | EUR/year | 975,000 | 730,195 | 733,842 | 786,366 | 820,820 | 866,447 | 913,418 | 922,667 | 931,850 | 940,056 | 954,471 | 963,697 | 970,692 | 977,671 | 984,613 |
| 41 | Total raw water costs | EUR/year | 15,020 | 8,591 | 8,837 | 9,625 | 10,198 | 11,577 | 11,514 | 12,047 | 12,275 | 12,503 | 12,740 | 12,963 | 13,189 | 13,417 | 13,647 |
| 42 | Materials / chemicals (related to existing system) | EUR/year | 81,968 | 80,344 | 80,665 | 66,300 | 70,241 | 75,431 | 82,290 | 84,635 | 86,561 | 88,714 | 90,840 | 92,888 | 94,977 | 97,084 | 99,251 |
| 43 | Electricity (related to existing system) | EUR/year | 125,833 | 112,803 | 112,803 | 114,841 | 116,781 | 120,163 | 124,733 | 128,168 | 141,927 | 149,024 | 156,475 | 164,288 | 171,528 | 179,075 | 186,654 |
| 44 | Personnel costs | EUR/year | 459 | 428 | 436 | 445 | 451 | 456 | 465 | 470 | 475 | 479 | 484 | 488 | 494 | 499 | 504 |
| 45 | Maintenance / repair (related to existing system) | EUR/year | 8,167 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 |
| 46 | Maintenance / repair (related to measures) | EUR/year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 47 | Depreciation | EUR/year | 41,699 | 12,737 | 12,981 | 13,291 | 13,450 | 13,720 | 13,868 | 13,996 | 14,136 | 14,277 | 14,420 | 14,564 | 14,710 | 14,857 | 15,006 |
| 48 | Concession fee | EUR/year | 281,002 | 278,203 | 280,710 | 279,452 | 272,854 | 282,386 | 286,199 | 290,082 | 297,209 | 276,660 | 286,860 | 291,148 | 306,889 | 316,982 | 327,453 |
| 49 | General Administration | EUR/year | 975,000 | 730,195 | 733,842 | 786,366 | 820,820 | 866,447 | 913,418 | 922,667 | 931,850 | 940,056 | 954,471 | 963,697 | 970,692 | 977,671 | 984,613 |
| 50 | Total raw water costs | EUR/year | 15,020 | 8,591 | 8,837 | 9,625 | 10,198 | 11,577 | 11,514 | 12,047 | 12,275 | 12,503 | 12,740 | 12,963 | 13,189 | 13,417 | 13,647 |
| 51 | Materials / chemicals (related to existing system) | EUR/year | 81,968 | 80,344 | 80,665 | 66,300 | 70,241 | 75,431 | 82,290 | 84,635 | 86,561 | 88,714 | 90,840 | 92,888 | 94,977 | 97,084 | 99,251 |
| 52 | Electricity (related to existing system) | EUR/year | 125,833 | 112,803 | 112,803 | 114,841 | 116,781 | 120,163 | 124,733 | 128,168 | 141,927 | 149,024 | 156,475 | 164,288 | 171,528 | 179,075 | 186,654 |
| 53 | Personnel costs | EUR/year | 459 | 428 | 436 | 445 | 451 | 456 | 465 | 470 | 475 | 479 | 484 | 488 | 494 | 499 | 504 |
| 54 | Maintenance / repair (related to existing system) | EUR/year | 8,167 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 |
| 55 | Maintenance / repair (related to measures) | EUR/year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 56 | Depreciation | EUR/year | 41,699 | 12,737 | 12,981 | 13,291 | 13,450 | 13,720 | 13,868 | 13,996 | 14,136 | 14,277 | 14,420 | 14,564 | 14,710 | 14,857 | 15,006 |
| 57 | Concession fee | EUR/year | 281,002 | 278,203 | 280,710 | 279,452 | 272,854 | 282,386 | 286,199 | 290,082 | 297,209 | 276,660 | 286,860 | 291,148 | 306,889 | 316,982 | 327,453 |
| 58 | General Administration | EUR/year | 975,000 | 730,195 | 733,842 | 786,366 | 820,820 | 866,447 | 913,418 | 922,667 | 931,850 | 940,056 | 954,471 | 963,697 | 970,692 | 977,671 | 984,613 |
| 59 | Total raw water costs | EUR/year | 15,020 | 8,591 | 8,837 | 9,625 | 10,198 | 11,577 | 11,514 | 12,047 | 12,275 | 12,503 | 12,740 | 12,963 | 13,189 | 13,417 | 13,647 |
| 60 | Materials / chemicals (related to existing system) | EUR/year | 81,968 | 80,344 | 80,665 | | | | | | | | | | | | |

C.R. Apa Bacau S.A. - Annex 1-4

Operating Costs - "Without Project" - Buhuzi

| | | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|----|---|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1 | OGM Cost of Water Supply System | | | | | | | | | | | | | | | | |
| 2 | Raw water costs | EUR | 13,879 | 14,114 | 14,352 | 14,592 | 14,835 | 15,083 | 15,332 | 15,586 | 15,842 | 16,103 | 16,365 | 16,631 | 16,899 | 17,170 | 17,444 |
| 3 | Materials / chemicals (related to existing system) | EUR | 5,061 | 5,111 | 5,162 | 5,213 | 5,265 | 5,319 | 5,373 | 5,428 | 5,483 | 5,539 | 5,595 | 5,652 | 5,709 | 5,767 | 5,825 |
| 4 | Electricity (related to existing system) | EUR | 101,437 | 103,685 | 105,931 | 108,229 | 110,589 | 112,997 | 115,422 | 117,814 | 120,248 | 122,736 | 125,266 | 127,836 | 130,346 | 132,896 | 135,486 |
| 5 | Personnel cost | EUR | 65,165 | 203,788 | 212,734 | 222,064 | 231,866 | 242,163 | 252,718 | 263,632 | 274,948 | 287,566 | 300,327 | 313,330 | 327,221 | 341,519 | 356,660 |
| 6 | Maintenance / repair (related to existing system) | EUR | 50 | 514 | 519 | 524 | 529 | 535 | 543 | 549 | 556 | 564 | 573 | 584 | 593 | 603 | 613 |
| 7 | Depreciation | EUR | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 | 7,077 |
| 8 | Operational fee | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 9 | General Administration | EUR | 15,156 | 15,307 | 15,460 | 15,615 | 15,771 | 15,929 | 16,089 | 16,249 | 16,412 | 16,576 | 16,742 | 16,909 | 17,078 | 17,249 | 17,421 |
| 10 | Total | EUR | 338,298 | 348,558 | 358,235 | 367,355 | 376,932 | 386,996 | 397,554 | 408,604 | 419,154 | 429,205 | 439,756 | 450,807 | 461,358 | 472,409 | 483,060 |
| 13 | Raw water costs | M ³ /year | 993,439 | 993,248 | 1,004,977 | 1,011,703 | 1,019,379 | 1,027,005 | 1,034,581 | 1,042,107 | 1,049,583 | 1,057,009 | 1,064,385 | 1,071,711 | 1,079,087 | 1,086,413 | 1,093,689 |
| 14 | Average price to raw water | EUR/M ³ | 0,0140 | 0,0141 | 0,0143 | 0,0144 | 0,0146 | 0,0147 | 0,0149 | 0,0150 | 0,0152 | 0,0154 | 0,0156 | 0,0158 | 0,0160 | 0,0162 | 0,0164 |
| 15 | Total Raw water costs | EUR/year | 13,879 | 14,114 | 14,352 | 14,592 | 14,835 | 15,083 | 15,332 | 15,586 | 15,842 | 16,103 | 16,365 | 16,631 | 16,899 | 17,170 | 17,444 |
| 16 | Materials / chemicals (related to existing system) | EUR/year | 5,061 | 5,111 | 5,162 | 5,213 | 5,265 | 5,319 | 5,373 | 5,428 | 5,483 | 5,539 | 5,595 | 5,652 | 5,709 | 5,767 | 5,825 |
| 17 | Electricity (related to existing system) | KWh/year | 1,114,482 | 1,122,147 | 1,129,711 | 1,137,272 | 1,144,776 | 1,152,235 | 1,159,614 | 1,167,292 | 1,174,759 | 1,182,265 | 1,189,648 | 1,196,938 | 1,204,247 | 1,211,506 | 1,218,739 |
| 18 | Average energy price | EUR/kWh | 0,091 | 0,092 | 0,094 | 0,095 | 0,097 | 0,098 | 0,100 | 0,101 | 0,103 | 0,104 | 0,106 | 0,107 | 0,109 | 0,110 | 0,112 |
| 19 | Total energy costs | EUR/year | 101,437 | 103,685 | 105,931 | 108,229 | 110,589 | 112,997 | 115,422 | 117,814 | 120,248 | 122,736 | 125,266 | 127,836 | 130,346 | 132,896 | 135,486 |
| 20 | Average utility energy consumption | kWh/day | 1,12 | 1,12 | 1,12 | 1,12 | 1,12 | 1,12 | 1,12 | 1,12 | 1,12 | 1,12 | 1,12 | 1,12 | 1,12 | 1,12 | 1,12 |
| 21 | Personnel costs | no. | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| 22 | Number of personnel for the existing system | no. | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| 23 | increase/decrease of personnel | % | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 |
| 24 | Total number of personnel | no. | 60 | 62 | 65 | 68 | 71 | 74 | 78 | 82 | 87 | 92 | 98 | 104 | 111 | 119 | 126 |
| 25 | Electricity (related to existing system) | EUR/month | 3,382 | 3,453 | 3,524 | 3,595 | 3,666 | 3,737 | 3,808 | 3,879 | 3,950 | 4,021 | 4,092 | 4,163 | 4,234 | 4,305 | 4,376 |
| 26 | Personnel costs (related to existing system) | EUR/month | 101,437 | 103,685 | 105,931 | 108,229 | 110,589 | 112,997 | 115,422 | 117,814 | 120,248 | 122,736 | 125,266 | 127,836 | 130,346 | 132,896 | 135,486 |
| 27 | Share of raw water costs paid by the employee | EUR/year | 195,189 | 203,788 | 212,734 | 222,064 | 231,866 | 242,163 | 252,718 | 263,632 | 274,948 | 287,566 | 300,327 | 313,330 | 327,221 | 341,519 | 356,660 |
| 28 | Total personnel costs | EUR/year | 303,403 | 312,476 | 321,665 | 330,854 | 340,043 | 349,232 | 358,421 | 367,610 | 376,800 | 385,989 | 395,178 | 404,367 | 413,556 | 422,745 | 431,934 |
| 29 | Maintenance (related to existing system) | EUR/year | 50 | 514 | 519 | 524 | 529 | 535 | 543 | 549 | 556 | 564 | 573 | 584 | 593 | 603 | 613 |
| 30 | Impact of new investments on the maintenance costs of existing systems (% increase of the year) | % | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 |
| 31 | Maintenance costs (related to existing system) | EUR/year | 50 | 514 | 519 | 524 | 529 | 535 | 543 | 549 | 556 | 564 | 573 | 584 | 593 | 603 | 613 |

C.R. Anel Bacth S.A. - Annex 1-4

Historical data >>>> Projection >>>>

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Operating Costs - "Without Project" - Buhuzi

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| GAZ Cost of Wastewater System | | | | | | | | | | | | | | | | |
| 1 Materials / chemicals (related to existing system) | EUR | 5,000 | 4,333 | 5,229 | 5,454 | 5,659 | 5,840 | 6,013 | 6,193 | 6,373 | 6,554 | 6,735 | 6,916 | 7,097 | 7,278 | 7,459 |
| 2 Materials / chemicals (related to measures) | EUR | 18,617 | 16,132 | 19,657 | 20,925 | 21,275 | 22,065 | 22,831 | 23,289 | 23,748 | 24,211 | 24,673 | 25,135 | 25,597 | 26,059 | 26,521 |
| 3 Electricity (related to existing system) | EUR | 112,678 | 97,638 | 97,638 | 98,712 | 101,061 | 104,012 | 107,653 | 111,959 | 116,997 | 122,847 | 128,993 | 135,438 | 142,210 | 148,468 | 155,006 |
| 4 Personnel costs | EUR | 33 | 29 | 29 | 30 | 30 | 31 | 31 | 32 | 32 | 32 | 33 | 33 | 33 | 33 | 34 |
| 5 Maintenance / repair (related to existing system) | EUR | - | - | - | 20,300 | 22,475 | 24,568 | 26,742 | 28,977 | 27,214 | 27,482 | 27,681 | 27,930 | 28,166 | 28,398 | 28,629 |
| 6 Depreciated sludge disposal | EUR | 43 | 36 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 |
| 7 Concession fee | EUR | 5,375 | 8,297 | 8,463 | 8,633 | 8,762 | 8,950 | 9,144 | 9,359 | 9,592 | 9,832 | 10,085 | 10,350 | 10,626 | 10,912 | 11,208 |
| 8 General Administration | EUR | 145,942 | 126,466 | 131,054 | 133,670 | 135,819 | 138,428 | 142,751 | 147,999 | 153,982 | 159,773 | 165,263 | 170,504 | 175,504 | 180,264 | 184,795 |
| 9 Total | EUR | 5,000 | 4,333 | 5,229 | 5,454 | 5,659 | 5,840 | 6,013 | 6,193 | 6,373 | 6,554 | 6,735 | 6,916 | 7,097 | 7,278 | 7,459 |
| 13 Materials / chemicals (related to existing system) | EUR/year | 5,000 | 4,333 | 5,229 | 5,454 | 5,659 | 5,840 | 6,013 | 6,193 | 6,373 | 6,554 | 6,735 | 6,916 | 7,097 | 7,278 | 7,459 |
| 14 Electricity (related to existing system) | Kwh/year | 150,880 | 150,880 | 178,488 | 182,544 | 186,589 | 190,674 | 194,771 | 198,842 | 198,842 | 197,716 | 197,960 | 198,833 | 199,596 | 200,355 | 201,106 |
| 15 Total energy consumption | EUR/kwh | 0.12 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 |
| 16 Average energy price | EUR/year | 18,617 | 16,132 | 19,657 | 20,925 | 21,275 | 22,065 | 22,831 | 23,289 | 23,748 | 24,211 | 24,673 | 25,135 | 25,597 | 26,059 | 26,521 |
| 17 Total energy costs | Kwh/m3 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 |
| 18 Average unitary energy consumption | no | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 19 Personnel costs | no | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 20 Number of personnel for the existing system | no | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 21 Increase/decrease of personnel as result of measure | no | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 22 Total number of personnel | no | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 23 Average monthly gross salaries | EUR/month | 359 | 345 | 345 | 345 | 358 | 366 | 381 | 396 | 414 | 435 | 457 | 479 | 503 | 526 | 549 |
| 24 Salaries related taxes paid by the employer | EUR/month | 71 | 61 | 61 | 62 | 63 | 65 | 67 | 70 | 73 | 77 | 81 | 85 | 89 | 93 | 97 |
| 25 Total personnel costs | EUR/year | 112,678 | 97,638 | 97,638 | 98,712 | 101,061 | 104,012 | 107,653 | 111,959 | 116,997 | 122,847 | 128,993 | 135,438 | 142,210 | 148,468 | 155,006 |
| 26 Maintenance (related to existing system) | EUR/year | 33 | 29 | 29 | 30 | 30 | 31 | 31 | 32 | 32 | 32 | 33 | 33 | 33 | 33 | 34 |
| 27 Impact of new investments on the maintenance costs of existing systems (% increase or decrease) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 28 Maintenance costs (related to existing system) | EUR/year | 33 | 29 | 29 | 30 | 30 | 31 | 31 | 32 | 32 | 32 | 33 | 33 | 33 | 33 | 34 |
| Depreciated sludge disposal | RON/ha | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Average unit cost of (depreciated) sludge disposal | ton/year | 45 | 45 | 46 | 47 | 48 | 48 | 49 | 49 | 50 | 50 | 51 | 51 | 52 | 52 | 54 |
| Average yearly quantity of (depreciated) sludge | EUR/year | - | - | - | 430 | 460 | 508 | 547 | 546 | 545 | 543 | 543 | 543 | 543 | 543 | 540 |
| Total costs with sludge disposal | EUR/year | - | - | - | 20,300 | 22,475 | 24,588 | 26,742 | 28,977 | 27,214 | 27,482 | 27,681 | 27,930 | 28,166 | 28,398 | 28,629 |

C.R. ADA Bacau S.A. - Annex 14

Operating Costs - "Without Project" - Bohial

| | | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|----|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | OBM Cost of wastewater system | EUR | 6 923 | 7 018 | 7 113 | 7 210 | 7 308 | 7 407 | 7 508 | 7 609 | 7 712 | 7 816 | 7 922 | 8 028 | 8 136 | 8 244 | 8 352 |
| 2 | Maintenance / chemicals (related to existing system) | EUR | 27 616 | 28 132 | 28 657 | 29 191 | 29 734 | 30 287 | 30 849 | 31 421 | 32 004 | 32 597 | 33 199 | 33 812 | 34 436 | 35 071 | 35 716 |
| 3 | Electricity (related to existing system) | EUR | 188 669 | 178 374 | 164 134 | 152 295 | 203 654 | 210 744 | 228 263 | 238 437 | 248 907 | 259 659 | 271 292 | 283 230 | 295 692 | 308 702 | 322 281 |
| 4 | Maintenance / repair (related to existing system) | EUR | 34 | 34 | 35 | 35 | 36 | 36 | 37 | 37 | 38 | 38 | 39 | 39 | 40 | 40 | |
| 5 | Maintenance / repair (related to measured) | EUR | 100 948 | 101 748 | 102 548 | 103 341 | 104 135 | 104 927 | 105 726 | 106 531 | 107 335 | 108 143 | 108 942 | 109 738 | 110 535 | 111 332 | 112 136 |
| 6 | Depreciation | EUR | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 |
| 7 | Concession fee | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | General Administration | EUR | 20 863 | 21 120 | 21 377 | 21 625 | 21 873 | 22 121 | 22 369 | 22 617 | 22 865 | 23 113 | 23 361 | 23 609 | 23 857 | 24 105 | 24 353 |
| 9 | Total | EUR | 325 466 | 334 464 | 343 479 | 353 476 | 363 524 | 373 583 | 384 600 | 395 655 | 407 748 | 419 861 | 432 000 | 445 529 | 459 254 | 473 608 | 488 449 |
| 10 | | EUR/year | 6 923 | 7 018 | 7 113 | 7 210 | 7 308 | 7 407 | 7 508 | 7 609 | 7 712 | 7 816 | 7 922 | 8 028 | 8 136 | 8 244 | 8 352 |
| 11 | Materials / chemicals (related to existing system) | EUR/year | 202 591 | 203 328 | 204 067 | 204 786 | 205 512 | 206 241 | 206 965 | 207 689 | 208 413 | 209 139 | 209 857 | 210 569 | 211 279 | 211 979 | 212 683 |
| 12 | Total energy consumption | EUR/kWh | 0 135 | 0 138 | 0 140 | 0 142 | 0 145 | 0 147 | 0 149 | 0 151 | 0 154 | 0 156 | 0 158 | 0 161 | 0 163 | 0 165 | 0 168 |
| 13 | Average energy price | EUR/year | 27 818 | 28 132 | 28 657 | 29 191 | 29 734 | 30 287 | 30 849 | 31 421 | 32 004 | 32 597 | 33 199 | 33 812 | 34 436 | 35 071 | 35 716 |
| 14 | Average unitary energy consumption | kWh/m ³ | 0 25 | 0 25 | 0 25 | 0 25 | 0 25 | 0 25 | 0 25 | 0 25 | 0 25 | 0 25 | 0 25 | 0 25 | 0 25 | 0 25 | |
| 15 | Personnel costs | no | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | |
| 16 | Number of personnel for the existing system | no | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | |
| 17 | Percentage decrease of personnel as result of measure | % | 0 00 | 0 00 | 0 00 | 0 00 | 0 00 | 0 00 | 0 00 | 0 00 | 0 00 | 0 00 | 0 00 | 0 00 | 0 00 | 0 00 | |
| 18 | Total number of persons | no | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | |
| 19 | Total monthly gross wages | EUR/month | 589 | 594 | 600 | 605 | 610 | 616 | 621 | 627 | 632 | 638 | 643 | 649 | 654 | 660 | 665 |
| 20 | Average monthly gross wages | EUR/month | 106 | 111 | 116 | 120 | 125 | 131 | 137 | 143 | 149 | 155 | 161 | 167 | 173 | 179 | 185 |
| 21 | Sum of monthly gross wages paid by the employer | EUR/year | 188 940 | 195 374 | 184 134 | 192 226 | 203 634 | 208 025 | 218 744 | 228 265 | 238 417 | 248 907 | 259 659 | 271 292 | 283 230 | 295 692 | 308 702 |
| 22 | Total personnel costs | EUR/year | 188 940 | 195 374 | 184 134 | 192 226 | 203 634 | 208 025 | 218 744 | 228 265 | 238 417 | 248 907 | 259 659 | 271 292 | 283 230 | 295 692 | 308 702 |
| 23 | Maintenance (related to existing system) | EUR/year | 34 | 34 | 35 | 35 | 35 | 36 | 36 | 37 | 37 | 37 | 38 | 38 | 39 | 39 | |
| 24 | Impact of new investments on the maintenance costs of existing systems (% increase or decrease) | % | 0 00 | 0 00 | 0 00 | 0 00 | 0 00 | 0 00 | 0 00 | 0 00 | 0 00 | 0 00 | 0 00 | 0 00 | 0 00 | 0 00 | |
| 25 | Maintenance costs (related to existing system) | EUR/year | 34 | 34 | 35 | 35 | 36 | 36 | 37 | 37 | 37 | 38 | 38 | 39 | 39 | 39 | |
| 26 | Deposited sludge disposal | RO/ton | 187 | 189 | 191 | 193 | 195 | 197 | 199 | 201 | 203 | 205 | 207 | 209 | 211 | 213 | 215 |
| 27 | Average unit cost of deposited sludge disposal | \$/year | 538 | 538 | 538 | 538 | 538 | 538 | 538 | 538 | 538 | 538 | 538 | 538 | 538 | 538 | |
| 28 | Average yearly quantity of deposited sludge | EUR/year | 100 948 | 101 748 | 102 548 | 103 341 | 104 135 | 104 927 | 105 726 | 106 531 | 107 335 | 108 143 | 108 942 | 109 738 | 110 535 | 111 332 | |
| 29 | Total costs with sludge disposal | EUR/year | 100 948 | 101 748 | 102 548 | 103 341 | 104 135 | 104 927 | 105 726 | 106 531 | 107 335 | 108 143 | 108 942 | 109 738 | 110 535 | 111 332 | |

CR. APP. PRECURSA - Annex 14

Historical data 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023

Operating Costs - "High Project" - Domestic

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|----|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | EUR | 3 314 | 3 302 | 3 486 | 3 743 | 3 382 | 4 278 | 4 579 | 4 504 | 4 682 | 4 772 | 4 852 | 4 948 | 5 036 | 5 123 | 5 212 |
| 2 | EUR | 1 600 | 1 318 | 1 054 | 1 137 | 1 205 | 1 034 | 1 000 | 1 300 | 1 423 | 1 457 | 1 528 | 1 564 | 1 638 | 1 634 | 1 671 |
| 3 | EUR | 37 737 | 39 237 | 39 470 | 39 554 | 39 293 | 37 949 | 37 370 | 33 270 | 36 779 | 38 119 | 40 640 | 42 420 | 44 406 | 46 406 | 48 441 |
| 4 | EUR | 402 | 348 | 335 | 362 | 362 | 351 | 351 | 373 | 386 | 396 | 406 | 417 | 427 | 437 | 447 |
| 5 | EUR | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 |
| 6 | EUR | 4 931 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 |
| 7 | EUR | 45 193 | 39 099 | 39 020 | 39 173 | 40 867 | 42 187 | 43 727 | 44 978 | 46 660 | 48 345 | 50 072 | 51 842 | 53 651 | 55 495 | 57 371 |
| 8 | EUR | 164 437 | 138 104 | 142 440 | 171 124 | 168 970 | 174 737 | 177 465 | 167 162 | 165 633 | 174 478 | 181 619 | 188 916 | 196 004 | 202 007 | 207 102 |
| 9 | EUR/year | 3 314 | 3 302 | 3 486 | 3 743 | 3 382 | 4 278 | 4 579 | 4 504 | 4 682 | 4 772 | 4 852 | 4 948 | 5 036 | 5 123 | 5 212 |
| 10 | EUR/year | 1 600 | 1 318 | 1 054 | 1 137 | 1 205 | 1 034 | 1 000 | 1 300 | 1 423 | 1 457 | 1 528 | 1 564 | 1 638 | 1 634 | 1 671 |
| 11 | EUR/year | 37 737 | 39 237 | 39 470 | 39 554 | 39 293 | 37 949 | 37 370 | 33 270 | 36 779 | 38 119 | 40 640 | 42 420 | 44 406 | 46 406 | 48 441 |
| 12 | EUR/year | 402 | 348 | 335 | 362 | 362 | 351 | 351 | 373 | 386 | 396 | 406 | 417 | 427 | 437 | 447 |
| 13 | EUR/year | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 |
| 14 | EUR/year | 4 931 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 |
| 15 | EUR/year | 45 193 | 39 099 | 39 020 | 39 173 | 40 867 | 42 187 | 43 727 | 44 978 | 46 660 | 48 345 | 50 072 | 51 842 | 53 651 | 55 495 | 57 371 |
| 16 | EUR/year | 164 437 | 138 104 | 142 440 | 171 124 | 168 970 | 174 737 | 177 465 | 167 162 | 165 633 | 174 478 | 181 619 | 188 916 | 196 004 | 202 007 | 207 102 |
| 17 | EUR/year | 3 314 | 3 302 | 3 486 | 3 743 | 3 382 | 4 278 | 4 579 | 4 504 | 4 682 | 4 772 | 4 852 | 4 948 | 5 036 | 5 123 | 5 212 |
| 18 | EUR/year | 1 600 | 1 318 | 1 054 | 1 137 | 1 205 | 1 034 | 1 000 | 1 300 | 1 423 | 1 457 | 1 528 | 1 564 | 1 638 | 1 634 | 1 671 |
| 19 | EUR/year | 37 737 | 39 237 | 39 470 | 39 554 | 39 293 | 37 949 | 37 370 | 33 270 | 36 779 | 38 119 | 40 640 | 42 420 | 44 406 | 46 406 | 48 441 |
| 20 | EUR/year | 402 | 348 | 335 | 362 | 362 | 351 | 351 | 373 | 386 | 396 | 406 | 417 | 427 | 437 | 447 |
| 21 | EUR/year | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 |
| 22 | EUR/year | 4 931 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 |
| 23 | EUR/year | 45 193 | 39 099 | 39 020 | 39 173 | 40 867 | 42 187 | 43 727 | 44 978 | 46 660 | 48 345 | 50 072 | 51 842 | 53 651 | 55 495 | 57 371 |
| 24 | EUR/year | 164 437 | 138 104 | 142 440 | 171 124 | 168 970 | 174 737 | 177 465 | 167 162 | 165 633 | 174 478 | 181 619 | 188 916 | 196 004 | 202 007 | 207 102 |
| 25 | EUR/year | 3 314 | 3 302 | 3 486 | 3 743 | 3 382 | 4 278 | 4 579 | 4 504 | 4 682 | 4 772 | 4 852 | 4 948 | 5 036 | 5 123 | 5 212 |
| 26 | EUR/year | 1 600 | 1 318 | 1 054 | 1 137 | 1 205 | 1 034 | 1 000 | 1 300 | 1 423 | 1 457 | 1 528 | 1 564 | 1 638 | 1 634 | 1 671 |
| 27 | EUR/year | 37 737 | 39 237 | 39 470 | 39 554 | 39 293 | 37 949 | 37 370 | 33 270 | 36 779 | 38 119 | 40 640 | 42 420 | 44 406 | 46 406 | 48 441 |
| 28 | EUR/year | 402 | 348 | 335 | 362 | 362 | 351 | 351 | 373 | 386 | 396 | 406 | 417 | 427 | 437 | 447 |
| 29 | EUR/year | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 |
| 30 | EUR/year | 4 931 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 |
| 31 | EUR/year | 45 193 | 39 099 | 39 020 | 39 173 | 40 867 | 42 187 | 43 727 | 44 978 | 46 660 | 48 345 | 50 072 | 51 842 | 53 651 | 55 495 | 57 371 |
| 32 | EUR/year | 164 437 | 138 104 | 142 440 | 171 124 | 168 970 | 174 737 | 177 465 | 167 162 | 165 633 | 174 478 | 181 619 | 188 916 | 196 004 | 202 007 | 207 102 |
| 33 | EUR/year | 3 314 | 3 302 | 3 486 | 3 743 | 3 382 | 4 278 | 4 579 | 4 504 | 4 682 | 4 772 | 4 852 | 4 948 | 5 036 | 5 123 | 5 212 |
| 34 | EUR/year | 1 600 | 1 318 | 1 054 | 1 137 | 1 205 | 1 034 | 1 000 | 1 300 | 1 423 | 1 457 | 1 528 | 1 564 | 1 638 | 1 634 | 1 671 |
| 35 | EUR/year | 37 737 | 39 237 | 39 470 | 39 554 | 39 293 | 37 949 | 37 370 | 33 270 | 36 779 | 38 119 | 40 640 | 42 420 | 44 406 | 46 406 | 48 441 |
| 36 | EUR/year | 402 | 348 | 335 | 362 | 362 | 351 | 351 | 373 | 386 | 396 | 406 | 417 | 427 | 437 | 447 |
| 37 | EUR/year | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 |
| 38 | EUR/year | 4 931 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 |
| 39 | EUR/year | 45 193 | 39 099 | 39 020 | 39 173 | 40 867 | 42 187 | 43 727 | 44 978 | 46 660 | 48 345 | 50 072 | 51 842 | 53 651 | 55 495 | 57 371 |
| 40 | EUR/year | 164 437 | 138 104 | 142 440 | 171 124 | 168 970 | 174 737 | 177 465 | 167 162 | 165 633 | 174 478 | 181 619 | 188 916 | 196 004 | 202 007 | 207 102 |
| 41 | EUR/year | 3 314 | 3 302 | 3 486 | 3 743 | 3 382 | 4 278 | 4 579 | 4 504 | 4 682 | 4 772 | 4 852 | 4 948 | 5 036 | 5 123 | 5 212 |
| 42 | EUR/year | 1 600 | 1 318 | 1 054 | 1 137 | 1 205 | 1 034 | 1 000 | 1 300 | 1 423 | 1 457 | 1 528 | 1 564 | 1 638 | 1 634 | 1 671 |
| 43 | EUR/year | 37 737 | 39 237 | 39 470 | 39 554 | 39 293 | 37 949 | 37 370 | 33 270 | 36 779 | 38 119 | 40 640 | 42 420 | 44 406 | 46 406 | 48 441 |
| 44 | EUR/year | 402 | 348 | 335 | 362 | 362 | 351 | 351 | 373 | 386 | 396 | 406 | 417 | 427 | 437 | 447 |
| 45 | EUR/year | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 |
| 46 | EUR/year | 4 931 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 |
| 47 | EUR/year | 45 193 | 39 099 | 39 020 | 39 173 | 40 867 | 42 187 | 43 727 | 44 978 | 46 660 | 48 345 | 50 072 | 51 842 | 53 651 | 55 495 | 57 371 |
| 48 | EUR/year | 164 437 | 138 104 | 142 440 | 171 124 | 168 970 | 174 737 | 177 465 | 167 162 | 165 633 | 174 478 | 181 619 | 188 916 | 196 004 | 202 007 | 207 102 |
| 49 | EUR/year | 3 314 | 3 302 | 3 486 | 3 743 | 3 382 | 4 278 | 4 579 | 4 504 | 4 682 | 4 772 | 4 852 | 4 948 | 5 036 | 5 123 | 5 212 |
| 50 | EUR/year | 1 600 | 1 318 | 1 054 | 1 137 | 1 205 | 1 034 | 1 000 | 1 300 | 1 423 | 1 457 | 1 528 | 1 564 | 1 638 | 1 634 | 1 671 |
| 51 | EUR/year | 37 737 | 39 237 | 39 470 | 39 554 | 39 293 | 37 949 | 37 370 | 33 270 | 36 779 | 38 119 | 40 640 | 42 420 | 44 406 | 46 406 | 48 441 |
| 52 | EUR/year | 402 | 348 | 335 | 362 | 362 | 351 | 351 | 373 | 386 | 396 | 406 | 417 | 427 | 437 | 447 |
| 53 | EUR/year | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 |
| 54 | EUR/year | 4 931 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 |
| 55 | EUR/year | 45 193 | 39 099 | 39 020 | 39 173 | 40 867 | 42 187 | 43 727 | 44 978 | 46 660 | 48 345 | 50 072 | 51 842 | 53 651 | 55 495 | 57 371 |
| 56 | EUR/year | 164 437 | 138 104 | 142 440 | 171 124 | 168 970 | 174 737 | 177 465 | 167 162 | 165 633 | 174 478 | 181 619 | 188 916 | 196 004 | 202 007 | 207 102 |
| 57 | EUR/year | 3 314 | 3 302 | 3 486 | 3 743 | 3 382 | 4 278 | 4 579 | 4 504 | 4 682 | 4 772 | 4 852 | 4 948 | 5 036 | 5 123 | 5 212 |
| 58 | EUR/year | 1 600 | 1 318 | 1 054 | 1 137 | 1 205 | 1 034 | 1 000 | 1 300 | 1 423 | 1 457 | 1 528 | 1 564 | 1 638 | 1 634 | 1 671 |
| 59 | EUR/year | 37 737 | 39 237 | 39 470 | 39 554 | 39 293 | 37 949 | 37 370 | 33 270 | 36 779 | 38 119 | 40 640 | 42 420 | 44 406 | 46 406 | 48 441 |
| 60 | EUR/year | 402 | 348 | 335 | 362 | 362 | 351 | 351 | 373 | 386 | 396 | 406 | 417 | 427 | 437 | 447 |
| 61 | EUR/year | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 |
| 62 | EUR/year | 4 931 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 | 4 761 |
| 63 | EUR/year | 45 193 | 39 099 | 39 020 | 39 173 | 40 867 | 42 187 | 43 727 | 44 978 | 46 660 | 48 345 | 50 072 | 51 842 | 53 651 | 55 495 | 57 371 |
| 64 | EUR/year | 164 437 | 138 104 | 142 440 | 171 124 | 168 970 | 174 737 | 177 465 | 167 162 | 165 633 | 174 4 | | | | | |

| | | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | |
|--|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| GR-Act Bacau SA - Annex 1.4 | | | | | | | | | | | | | | | | | | |
| Operating Costs - "Web Project" - Damaged | | | | | | | | | | | | | | | | | | |
| 1 | Cost of water supply system | | | | | | | | | | | | | | | | | |
| 2 | Electricity (related to existing system) | | | | | | | | | | | | | | | | | |
| 3 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 4 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 5 | Electricity (related to existing system) | | | | | | | | | | | | | | | | | |
| 6 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 7 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 8 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 9 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 10 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 11 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 12 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 13 | Raw water cost | | | | | | | | | | | | | | | | | |
| 14 | Raw water quantity | | | | | | | | | | | | | | | | | |
| 15 | Electricity (related to existing system) | | | | | | | | | | | | | | | | | |
| 16 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 17 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 18 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 19 | Electricity (related to existing system) | | | | | | | | | | | | | | | | | |
| 20 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 21 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 22 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 23 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 24 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 25 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 26 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 27 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 28 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 29 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 30 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 31 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 32 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 33 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 34 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 35 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 36 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 37 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 38 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 39 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 40 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 41 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 42 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 43 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 44 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 45 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 46 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 47 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 48 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 49 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 50 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 51 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 52 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 53 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 54 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 55 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 56 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 57 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 58 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 59 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 60 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 61 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 62 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 63 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 64 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 65 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 66 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 67 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 68 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 69 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 70 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 71 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 72 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 73 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 74 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 75 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 76 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 77 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 78 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 79 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 80 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 81 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 82 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 83 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 84 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 85 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 86 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 87 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 88 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 89 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 90 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 91 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 92 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 93 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 94 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 95 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 96 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 97 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 98 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 99 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 100 | Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| C.R. Ana Bacau S.A. - Annex 14 | | | | | | | | | | | | | | | | |
| Operating Costs - "With Project" - Demandest | | | | | | | | | | | | | | | | |
| Historical data >>> Projection >>> | | | | | | | | | | | | | | | | |
| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 O&M Cost of Wastewater System | | | | | | | | | | | | | | | | |
| 2 Maintenance / chemicals (related to existing system) | EUR | | | | | | | | | | | | | | | |
| 3 Materials / chemicals (related to measures) | EUR | | | | | | | | | | | | | | | |
| 4 Electricity (related to existing system) | EUR | | | | | | | | | | | | | | | |
| 5 Personal costs | EUR | | | | | | | | | | | | | | | |
| 6 Maintenance / repair (related to existing system) | EUR | | | | | | | | | | | | | | | |
| 7 Maintenance / repair (related to measures) | EUR | | | | | | | | | | | | | | | |
| 8 Decontaminated sludge disposal | EUR | | | | | | | | | | | | | | | |
| 9 Consumables | EUR | | | | | | | | | | | | | | | |
| 10 General Administration | EUR | | | | | | | | | | | | | | | |
| 11 Total | EUR/year | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | |
| 13 Materials / chemicals (related to existing system) | EUR/year | | | | | | | | | | | | | | | |
| 14 Materials / chemicals (related to measures) | EUR/year | | | | | | | | | | | | | | | |
| 15 Average dose | g/m3 | | | | | | | | | | | | | | | |
| 16 Average dose Sludge conditioning | g/DS | | | | | | | | | | | | | | | |
| 17 Unit cost | EUR/g | | | | | | | | | | | | | | | |
| 18 Wastewater quantity | M ³ /year | | | | | | | | | | | | | | | |
| 19 Polymer | EUR/year | | | | | | | | | | | | | | | |
| 20 Average dose | g/m3 | | | | | | | | | | | | | | | |
| 21 Average dose Sludge conditioning | g/DS | | | | | | | | | | | | | | | |
| 22 Unit cost | EUR/g | | | | | | | | | | | | | | | |
| 23 Yearly sludge volume | M ³ /year | | | | | | | | | | | | | | | |
| 24 Chemicals and reagents for laboratory | EUR/year | | | | | | | | | | | | | | | |
| 25 Consumables (paper, toner, etc.) | EUR/year | | | | | | | | | | | | | | | |
| 26 Total materials / chemicals costs (related to measures) | EUR/year | | | | | | | | | | | | | | | |
| 27 Electricity (related to existing system) | kWh/year | | | | | | | | | | | | | | | |
| 28 Total energy consumption | EUR/year | | | | | | | | | | | | | | | |
| 29 Average energy price | RON/year | | | | | | | | | | | | | | | |
| 30 Total energy costs | EUR/year | | | | | | | | | | | | | | | |
| 31 Electricity (related to measures) | kWh/year | | | | | | | | | | | | | | | |
| 32 Total energy consumption | EUR/year | | | | | | | | | | | | | | | |
| 33 Average energy price | EUR/kWh | | | | | | | | | | | | | | | |
| 34 Total energy costs | EUR/year | | | | | | | | | | | | | | | |
| 35 Average unitary energy consumption | Kwh/m3 | | | | | | | | | | | | | | | |
| 36 Personnel costs | no | | | | | | | | | | | | | | | |
| 37 Increase/decrease of personnel as result of measure | no | | | | | | | | | | | | | | | |
| 38 Total number of personnel | no | | | | | | | | | | | | | | | |
| 39 Sludge disposal / year | EUR/month | | | | | | | | | | | | | | | |
| 40 Sludge disposal cost by the employer | RON/month | | | | | | | | | | | | | | | |
| 41 Total personnel costs | EUR/year | | | | | | | | | | | | | | | |
| 42 Maintenance (related to existing system) | EUR/year | | | | | | | | | | | | | | | |
| 43 Impact of new investments on the maintenance costs of existing systems (% increase or decrease) | % | | | | | | | | | | | | | | | |
| 44 Maintenance costs (related to existing system) | EUR/year | | | | | | | | | | | | | | | |
| 45 Maintenance / repair (related to measures) | % | | | | | | | | | | | | | | | |
| 46 Percentage of maintenance costs on total investment costs (plant and machinery) | % | | | | | | | | | | | | | | | |
| 47 Percentage of maintenance costs in total investment costs (man works) | % | | | | | | | | | | | | | | | |
| 48 Maintenance costs (related to measures) | EUR/year | | | | | | | | | | | | | | | |
| 49 Decontaminated sludge disposal | EUR/t | | | | | | | | | | | | | | | |
| 50 Average unit cost of decontaminated sludge disposal | ton/year | | | | | | | | | | | | | | | |
| 51 Average yearly quantity of decontaminated sludge | EUR/year | | | | | | | | | | | | | | | |
| 52 Total costs with sludge disposal | | | | | | | | | | | | | | | | |

C.R. AOS Bacau S.A. - Annex 14

Operating Costs - With Project - Damaged

| | | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | |
|----|---|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | OGM Cost of Wastewater System | | | | | | | | | | | | | | | | | |
| 2 | Materials / chemicals (related to existing system) | EUR | 19,546 | 20,075 | 20,291 | 20,509 | 20,729 | 20,951 | 21,175 | 21,401 | 21,629 | 21,858 | 22,089 | 22,322 | 22,556 | 12,426 | 12,529 | |
| 3 | Materials / chemicals (related to measure) | EUR | | | | | | | | | | | | | | | | |
| 4 | Electricity (related to existing system) | EUR | 24,544 | 25,953 | 26,656 | 27,371 | 28,098 | 28,835 | 29,584 | 30,345 | 31,118 | 31,903 | 32,699 | 33,507 | 34,327 | 35,159 | 36,003 | 36,857 |
| 5 | Electricity (related to measure) | EUR | 9,547 | 9,538 | 9,529 | 9,520 | 9,511 | 9,502 | 9,493 | 9,484 | 9,475 | 9,466 | 9,457 | 9,448 | 9,439 | 9,430 | 9,421 | 9,412 |
| 6 | Personnel costs | EUR | 296,262 | 298,157 | 301,138 | 304,169 | 307,191 | 310,263 | 313,335 | 316,407 | 319,480 | 322,552 | 325,624 | 328,696 | 331,768 | 334,840 | 337,912 | 341,000 |
| 7 | Maintenance - repair (related to existing system) | EUR | 12,854 | 13,155 | 13,456 | 13,757 | 14,058 | 14,359 | 14,660 | 14,961 | 15,262 | 15,563 | 15,864 | 16,165 | 16,466 | 16,767 | 17,068 | 17,369 |
| 8 | Maintenance - repair (related to measure) | EUR | | | | | | | | | | | | | | | | |
| 9 | Overhaul / sludge disposal | EUR | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 |
| 10 | Overhaul / sludge disposal | EUR | | | | | | | | | | | | | | | | |
| 11 | General Administration | EUR | | | | | | | | | | | | | | | | |
| 12 | Total | EUR | 487,046 | 499,418 | 504,447 | 509,477 | 514,507 | 519,537 | 524,567 | 529,597 | 534,627 | 539,657 | 544,687 | 549,717 | 554,747 | 559,777 | 564,807 | |
| 13 | Materials / chemicals (related to existing system) | EUR/year | | | | | | | | | | | | | | | | |
| 14 | Materials / chemicals (related to measure) | EUR/year | 4,640 | 4,719 | 4,799 | 4,880 | 4,963 | 5,046 | 5,130 | 5,216 | 5,302 | 5,389 | 5,479 | 5,568 | 5,659 | 5,750 | 5,842 | |
| 15 | Electricity (related to existing system) | EUR/year | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | |
| 16 | Electricity (related to measure) | EUR/year | | | | | | | | | | | | | | | | |
| 17 | Personnel costs | EUR/year | 296,262 | 298,157 | 301,138 | 304,169 | 307,191 | 310,263 | 313,335 | 316,407 | 319,480 | 322,552 | 325,624 | 328,696 | 331,768 | 334,840 | 337,912 | |
| 18 | Maintenance - repair (related to existing system) | EUR/year | 12,854 | 13,155 | 13,456 | 13,757 | 14,058 | 14,359 | 14,660 | 14,961 | 15,262 | 15,563 | 15,864 | 16,165 | 16,466 | 16,767 | 17,068 | |
| 19 | Maintenance - repair (related to measure) | EUR/year | | | | | | | | | | | | | | | | |
| 20 | Overhaul / sludge disposal | EUR/year | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | |
| 21 | Overhaul / sludge disposal | EUR/year | | | | | | | | | | | | | | | | |
| 22 | General Administration | EUR/year | | | | | | | | | | | | | | | | |
| 23 | Total materials / chemicals cost (related to measure) | EUR/year | 19,146 | 19,760 | 20,075 | 20,391 | 20,709 | 21,029 | 21,350 | 21,672 | 22,000 | 22,329 | 22,660 | 22,992 | 23,326 | 23,661 | 24,000 | |
| 24 | Electricity (related to existing system) | EUR/year | 0,1450 | 0,1472 | 0,1495 | 0,1517 | 0,1539 | 0,1563 | 0,1586 | 0,1609 | 0,1634 | 0,1658 | 0,1683 | 0,1707 | 0,1734 | 0,1760 | 0,1787 | |
| 25 | Electricity (related to measure) | EUR/year | | | | | | | | | | | | | | | | |
| 26 | Personnel costs | EUR/year | 296,262 | 298,157 | 301,138 | 304,169 | 307,191 | 310,263 | 313,335 | 316,407 | 319,480 | 322,552 | 325,624 | 328,696 | 331,768 | 334,840 | 337,912 | |
| 27 | Maintenance - repair (related to existing system) | EUR/year | 12,854 | 13,155 | 13,456 | 13,757 | 14,058 | 14,359 | 14,660 | 14,961 | 15,262 | 15,563 | 15,864 | 16,165 | 16,466 | 16,767 | 17,068 | |
| 28 | Maintenance - repair (related to measure) | EUR/year | | | | | | | | | | | | | | | | |
| 29 | Overhaul / sludge disposal | EUR/year | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | |
| 30 | Overhaul / sludge disposal | EUR/year | | | | | | | | | | | | | | | | |
| 31 | Maintenance (related to existing system) | EUR/year | | | | | | | | | | | | | | | | |
| 32 | Maintenance (related to measure) | EUR/year | | | | | | | | | | | | | | | | |
| 33 | Impact of new investments on the maintenance costs of existing systems (% increase or decrease) | % | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | |
| 34 | Maintenance / repair (related to existing system) | EUR/year | | | | | | | | | | | | | | | | |
| 35 | Maintenance / repair (related to measure) | EUR/year | | | | | | | | | | | | | | | | |
| 36 | Percentage of maintenance costs in total investment costs (point and efficiency) | % | 3,0% | 3,0% | 3,0% | 3,0% | 3,0% | 3,0% | 3,0% | 3,0% | 3,0% | 3,0% | 3,0% | 3,0% | 3,0% | 3,0% | 3,0% | |
| 37 | Percentage of maintenance costs in total investment costs (mean works) | % | 1,0% | 1,0% | 1,0% | 1,0% | 1,0% | 1,0% | 1,0% | 1,0% | 1,0% | 1,0% | 1,0% | 1,0% | 1,0% | 1,0% | 1,0% | |
| 38 | Maintenance costs (related to existing system) | EUR/year | 296,262 | 298,157 | 301,138 | 304,169 | 307,191 | 310,263 | 313,335 | 316,407 | 319,480 | 322,552 | 325,624 | 328,696 | 331,768 | 334,840 | 337,912 | |
| 39 | Maintenance costs (related to measure) | EUR/year | | | | | | | | | | | | | | | | |
| 40 | Overhaul / sludge disposal | EUR/year | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | 84,246 | |
| 41 | Overhaul / sludge disposal | EUR/year | | | | | | | | | | | | | | | | |
| 42 | Average unit cost of dewatered sludge disposal | EUR/ton | 199 | 199 | 199 | 199 | 199 | 199 | 199 | 199 | 199 | 199 | 199 | 199 | 199 | 199 | 199 | |
| 43 | Average yearly quantity of dewatered sludge | to/year | 420 | 420 | 420 | 420 | 420 | 420 | 420 | 420 | 420 | 420 | 420 | 420 | 420 | 420 | 420 | |
| 44 | Total costs with sludge disposal | EUR/year | 82,664 | 82,664 | 82,664 | 82,664 | 82,664 | 82,664 | 82,664 | 82,664 | 82,664 | 82,664 | 82,664 | 82,664 | 82,664 | 82,664 | 82,664 | |

C.R. ADA Bacau S.A. - Annex 1.4

Historical data
2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023

►►► Projection ►►►

Operating Costs - "Without Project" - Damanesi

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| OGM Cost of Water Supply System | | | | | | | | | | | | | | | | |
| 1 Raw water costs | EUR | | | | | | | | | | | | | | | |
| 2 Materials / chemicals (related to existing system) | EUR | 3.914 | 3.392 | 3.487 | 3.621 | 3.669 | 3.770 | 3.799 | 3.793 | 3.797 | 3.834 | 3.874 | 3.907 | 3.946 | 3.985 | 4.024 |
| 3 Materials / chemicals (related to measures) | EUR | | | | | | | | | | | | | | | |
| 4 Electricity (related to existing system) | EUR | 1.600 | 1.318 | 1.059 | 1.108 | 1.152 | 1.219 | 1.287 | 1.303 | 1.334 | 1.366 | 1.398 | 1.430 | 1.462 | 1.495 | 1.528 |
| 5 Electricity (related to measures) | EUR | | | | | | | | | | | | | | | |
| 6 Personnel costs | EUR | 33.735 | 28.232 | 29.232 | 29.554 | 30.263 | 31.140 | 32.230 | 35.028 | 36.779 | 38.618 | 40.549 | 42.577 | 44.650 | 46.406 | 48.448 |
| 7 Maintenance / repair (related to existing system) | EUR | 402 | 348 | 355 | 362 | 367 | 371 | 375 | 382 | 386 | 390 | 394 | 398 | 402 | 405 | 410 |
| 8 Maintenance / repair (related to measures) | EUR | | | | | | | | | | | | | | | |
| 9 Depreciation | EUR | | | | | | | | | | | | | | | |
| 10 Concetration fee | EUR | 521 | 451 | 451 | 451 | 451 | 451 | 451 | 451 | 451 | 451 | 451 | 451 | 451 | 451 | 451 |
| 11 General Administration | EUR | 5.021 | 4.351 | 4.438 | 4.527 | 4.595 | 4.641 | 4.687 | 4.734 | 4.781 | 4.829 | 4.877 | 4.926 | 4.975 | 5.025 | 5.126 |
| 12 Total | EUR | 45.193 | 38.094 | 39.022 | 39.623 | 40.438 | 41.592 | 43.048 | 45.709 | 47.577 | 49.537 | 51.593 | 53.739 | 55.736 | 57.818 | 59.987 |
| 13 Raw water costs | M ³ /year | 566.472 | 539.394 | 542.708 | 556.919 | 570.501 | 582.290 | 602.020 | 607.821 | 613.147 | 618.359 | 623.537 | 628.479 | 633.080 | 637.537 | 642.107 |
| 14 Raw water quantity | EUR/m ³ | | | | | | | | | | | | | | | |
| 15 Average price for raw water | EUR/year | | | | | | | | | | | | | | | |
| 16 Total Raw water costs | EUR/year | | | | | | | | | | | | | | | |
| 17 Materials / chemicals (related to existing system) | EUR/year | 3.914 | 3.392 | 3.487 | 3.621 | 3.669 | 3.770 | 3.799 | 3.793 | 3.797 | 3.834 | 3.874 | 3.907 | 3.946 | 3.985 | 4.024 |
| 18 Electricity (related to existing system) | KWh/year | 15.030 | 14.285 | 14.400 | 14.777 | 15.137 | 15.776 | 16.405 | 15.973 | 15.127 | 16.269 | 16.407 | 16.552 | 16.675 | 16.798 | 16.917 |
| 19 Total energy consumption | EUR/kWh | 0.105 | 0.092 | 0.074 | 0.075 | 0.076 | 0.077 | 0.078 | 0.080 | 0.082 | 0.083 | 0.084 | 0.086 | 0.087 | 0.088 | 0.090 |
| 20 Average energy price | EUR/year | 1.600 | 1.318 | 1.059 | 1.108 | 1.152 | 1.219 | 1.287 | 1.303 | 1.334 | 1.366 | 1.398 | 1.430 | 1.462 | 1.495 | 1.528 |
| 21 Total energy costs | KWh/m ³ | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 22 Average unitary energy consumption | no. | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 23 Personnel costs | no. | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 24 Number of personnel for the existing system | no. | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 25 Increase/decrease of personnel | no. | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 26 Total number of personnel | EUR/month | 301 | 261 | 264 | 270 | 276 | 289 | 295 | 313 | 328 | 345 | 362 | 380 | 397 | 414 | 432 |
| 27 Average monthly gross salaries | EUR/month | 108 | 87 | 88 | 90 | 95 | 100 | 104 | 108 | 110 | 115 | 121 | 127 | 132 | 138 | 144 |
| 28 Salaries insured taxes paid by the employer | EUR/year | 33.735 | 28.232 | 29.232 | 29.554 | 30.263 | 31.140 | 32.230 | 35.028 | 36.779 | 38.618 | 40.549 | 42.577 | 44.650 | 46.406 | 48.448 |
| 29 Total personnel costs | EUR/year | 402 | 348 | 355 | 362 | 367 | 371 | 375 | 382 | 386 | 390 | 394 | 398 | 402 | 405 | 410 |
| 30 Maintenance (related to existing system) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 31 Impact of new investments on the maintenance costs of existing systems (% increase or decrease) | EUR/year | 402 | 348 | 355 | 362 | 367 | 371 | 375 | 382 | 386 | 390 | 394 | 398 | 402 | 405 | 410 |
| 32 Maintenance costs (related to existing system) | | | | | | | | | | | | | | | | |

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| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Operating Costs - "Without Project" - Damaged

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|---|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|
| OGM Cost of Water Supply System | | | | | | | | | | | | | | | | |
| 1 Raw water costs | EUR | | | | | | | | | | | | | | | |
| 2 Materials - chemicals (related to existing system) | EUR | 4,064 | 4,101 | 4,145 | 4,185 | 4,223 | 4,263 | 4,312 | 4,355 | 4,398 | 4,442 | 4,486 | 4,530 | 4,575 | 4,620 | 4,670 |
| 3 Materials - chemicals (related to investments) | EUR | | | | | | | | | | | | | | | |
| 4 Electricity (related to existing system) | EUR | 1,561 | 1,595 | 1,632 | 1,667 | 1,702 | 1,737 | 1,775 | 1,814 | 1,853 | 1,893 | 1,934 | 1,974 | 2,016 | 2,058 | 2,102 |
| 5 Electricity (related to investments) | EUR | | | | | | | | | | | | | | | |
| 6 Personnel costs | EUR | 51,673 | 52,805 | 54,123 | 55,564 | 57,044 | 58,566 | 60,131 | 61,741 | 63,397 | 65,101 | 66,854 | 68,657 | 70,511 | 72,417 | 74,375 |
| 7 Maintenance / repair (related to existing system) | EUR | 414 | 413 | 422 | 427 | 431 | 435 | 441 | 444 | 448 | 453 | 457 | 462 | 467 | 471 | 476 |
| 8 Maintenance / repair (related to investments) | EUR | | | | | | | | | | | | | | | |
| 9 Depreciation | EUR | | | | | | | | | | | | | | | |
| 10 Concession fee | EUR | 451 | 451 | 451 | 451 | 451 | 451 | 451 | 451 | 451 | 451 | 451 | 451 | 451 | 451 | 451 |
| 11 General Administration | EUR | 5,177 | 5,229 | 5,282 | 5,334 | 5,383 | 5,442 | 5,495 | 5,551 | 5,596 | 5,653 | 5,719 | 5,776 | 5,834 | 5,892 | 5,951 |
| 12 Total | EUR | 62,247 | 64,003 | 67,058 | 69,618 | 72,286 | 75,066 | 77,963 | 80,987 | 84,138 | 87,422 | 90,847 | 94,417 | 98,140 | 102,027 | 106,069 |
| Raw water costs | | | | | | | | | | | | | | | | |
| 13 Raw water quality | M ³ /year | 645,522 | 656,312 | 668,296 | 681,632 | 695,404 | 709,673 | 724,499 | 739,832 | 755,722 | 772,127 | 789,098 | 806,684 | 824,836 | 843,505 | 862,732 |
| 14 Average price for raw water | EUR/m ³ | | | | | | | | | | | | | | | |
| 15 Total Raw water costs | EUR/year | | | | | | | | | | | | | | | |
| 17 Materials / chemicals (related to existing system) | EUR/year | 4,064 | 4,104 | 4,145 | 4,185 | 4,223 | 4,263 | 4,312 | 4,355 | 4,398 | 4,442 | 4,486 | 4,530 | 4,575 | 4,620 | 4,670 |
| Electricity (related to existing system) | | | | | | | | | | | | | | | | |
| 19 Total energy consumption | kWh/year | 17,154 | 17,271 | 17,387 | 17,502 | 17,619 | 17,733 | 17,848 | 17,962 | 18,076 | 18,190 | 18,303 | 18,415 | 18,527 | 18,635 | 18,744 |
| 20 Average energy price | EUR/kWh | 0,091 | 0,092 | 0,094 | 0,095 | 0,097 | 0,098 | 0,100 | 0,101 | 0,102 | 0,104 | 0,105 | 0,107 | 0,109 | 0,110 | 0,112 |
| 21 Total energy costs | EUR/year | 1,561 | 1,595 | 1,630 | 1,666 | 1,702 | 1,739 | 1,775 | 1,814 | 1,853 | 1,893 | 1,933 | 1,974 | 2,016 | 2,058 | 2,102 |
| 22 Average water energy consumption | kWh/m ³ | 0,02 | 0,02 | 0,02 | 0,02 | 0,02 | 0,02 | 0,02 | 0,02 | 0,02 | 0,02 | 0,02 | 0,02 | 0,02 | 0,02 | 0,02 |
| 23 Personnel costs | no | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 24 Increase/decrease of personnel | no | | | | | | | | | | | | | | | |
| 25 Total number of personnel | no | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 26 Average monthly gross salaries | EUR/month | 452 | 471 | 492 | 514 | 536 | 560 | 585 | 610 | 637 | 665 | 694 | 725 | 757 | 790 | 825 |
| 27 Salaries related costs paid by the employer | EUR/year | 50,375 | 52,805 | 55,178 | 57,554 | 60,086 | 62,730 | 65,489 | 68,372 | 71,386 | 74,551 | 77,880 | 81,323 | 84,791 | 88,526 | 92,433 |
| 28 Total personnel costs | EUR/year | 51,673 | 52,805 | 54,123 | 55,564 | 57,044 | 58,566 | 60,131 | 61,741 | 63,397 | 65,101 | 66,854 | 68,657 | 70,511 | 72,417 | 74,375 |
| 29 Maintenance (related to existing system) | EUR/year | 414 | 413 | 422 | 427 | 431 | 435 | 441 | 444 | 448 | 453 | 457 | 462 | 467 | 471 | 476 |
| 30 Impact of new investments on the maintenance costs of existing systems (% increase or decrease) | % | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% |
| 31 Maintenance costs (related to existing system) | EUR/year | 414 | 413 | 422 | 427 | 431 | 435 | 441 | 444 | 448 | 453 | 457 | 462 | 467 | 471 | 476 |

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Historical data
2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023

Operating Costs - "Without Project" - Damaged

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Operating Costs of Wastewater System | | | | | | | | | | | | | | | | |
| 1 | Materials / chemicals (related to existing system) | | | | | | | | | | | | | | | |
| 2 | Electricity (related to existing system) | | | | | | | | | | | | | | | |
| 3 | Electricity (related to existing system) | | | | | | | | | | | | | | | |
| 4 | Electricity (related to existing system) | | | | | | | | | | | | | | | |
| 5 | Personnel costs | | | | | | | | | | | | | | | |
| 6 | Maintenance costs | | | | | | | | | | | | | | | |
| 7 | Maintenance / repair (related to existing system) | | | | | | | | | | | | | | | |
| 8 | Maintenance / repair (related to existing system) | | | | | | | | | | | | | | | |
| 9 | Maintenance / repair (related to existing system) | | | | | | | | | | | | | | | |
| 10 | Depreciation | | | | | | | | | | | | | | | |
| 11 | Construction fee | | | | | | | | | | | | | | | |
| 12 | General Administration | | | | | | | | | | | | | | | |
| 13 | Materials / chemicals (related to existing system) | 0 | 0 | | | | | | | | | | | | | |
| 14 | Electricity (related to existing system) | | | | | | | | | | | | | | | |
| 15 | Total energy consumption | 0.13 | 0.11 | 0.117 | 0.120 | 0.121 | 0.123 | 0.125 | 0.127 | 0.130 | 0.133 | 0.135 | 0.137 | 0.139 | 0.141 | 0.143 |
| 16 | Average energy price | | | | | | | | | | | | | | | |
| 17 | Total energy costs | | | | | | | | | | | | | | | |
| 18 | Average unitary energy consumption | | | | | | | | | | | | | | | |
| 19 | Personnel costs | | | | | | | | | | | | | | | |
| 20 | Number of personnel for the existing system | | | | | | | | | | | | | | | |
| 21 | Increase/decrease of personnel as result of measure | | | | | | | | | | | | | | | |
| 22 | Total number of personnel | | | | | | | | | | | | | | | |
| 23 | Average monthly gross salaries | 282 | 265 | 262 | 265 | 261 | 265 | 278 | 280 | 317 | 333 | 350 | 368 | 384 | 401 | 418 |
| 24 | Salaries related taxes paid by the employer | 73 | 68 | 68 | 69 | 71 | 71 | 76 | 79 | 82 | 86 | 90 | 95 | 100 | 104 | 109 |
| 25 | Total personnel costs | | | | | | | | | | | | | | | |
| 26 | Maintenance (related to existing system) | | | | | | | | | | | | | | | |
| 27 | Impact of new investments on the maintenance costs of existing systems (% increase or decrease) | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 28 | Maintenance costs (related to existing system) | | | | | | | | | | | | | | | |
| 29 | Depreciated sludge disposal | | | | | | | | | | | | | | | |
| 30 | Average unit cost of dewatered sludge disposal | 50 | 50 | 51 | 52 | 53 | 53 | 54 | 55 | 55 | 56 | 57 | 57 | 57 | 58 | 59 |
| 31 | Average yearly quantity of dewatered sludge | | | | | | | | | | | | | | | |
| 32 | Total costs with sludge disposal | | | | | | | | | | | | | | | |

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Operating Costs - "Web Project" - Energy Costs

| | | Historical data | | | | | | | | | | | | ►►► Projection ►►► | | | | | | | | | | | |
|----|--|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------------------|---------|---------|---------|---------|--|--|--|--|--|--|--|
| | | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | | | | | | | |
| 1 | OMI Cost of Wastewater System | EUR | 2.295 | 1.997 | 2.037 | 2.079 | 2.109 | 2.130 | 2.151 | 2.173 | 2.195 | 2.217 | 2.239 | 2.261 | 2.284 | 2.307 | 2.330 | 2.353 | | | | | | | |
| 2 | Materials / chemicals (related to existing system) | EUR | 1.654 | 1.155 | 1.136 | 1.108 | 1.086 | 1.064 | 1.042 | 1.020 | 1.000 | 0.981 | 0.962 | 0.944 | 0.926 | 0.908 | 0.891 | 0.874 | | | | | | | |
| 3 | Materials / chemicals (related to existing system) | EUR | 24.771 | 27.384 | 27.494 | 27.604 | 27.714 | 27.824 | 27.934 | 28.044 | 28.154 | 28.264 | 28.374 | 28.484 | 28.594 | 28.704 | 28.814 | 28.924 | | | | | | | |
| 4 | Electricity (related to existing system) | EUR | 2.150 | 2.380 | 2.385 | 2.390 | 2.395 | 2.400 | 2.405 | 2.410 | 2.415 | 2.420 | 2.425 | 2.430 | 2.435 | 2.440 | 2.445 | 2.450 | | | | | | | |
| 5 | Personnel costs | EUR | 2.150 | 2.380 | 2.385 | 2.390 | 2.395 | 2.400 | 2.405 | 2.410 | 2.415 | 2.420 | 2.425 | 2.430 | 2.435 | 2.440 | 2.445 | 2.450 | | | | | | | |
| 6 | Maintenance / repair (related to existing system) | EUR | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | | | | | | | |
| 7 | Maintenance / repair (related to investment) | EUR | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | | | | | | | |
| 8 | Investment | EUR | 8.375 | 7.257 | 7.402 | 7.546 | 7.691 | 7.835 | 7.979 | 8.123 | 8.267 | 8.411 | 8.555 | 8.699 | 8.843 | 8.987 | 9.131 | 9.275 | | | | | | | |
| 9 | Construction fee | EUR | 38.856 | 34.536 | 34.329 | 34.122 | 33.915 | 33.708 | 33.501 | 33.294 | 33.087 | 32.880 | 32.673 | 32.466 | 32.259 | 32.052 | 31.845 | 31.638 | | | | | | | |
| 10 | Stamp duty | EUR | 146.759 | 159.721 | 162.683 | 165.645 | 168.607 | 171.569 | 174.531 | 177.493 | 180.455 | 183.417 | 186.379 | 189.341 | 192.303 | 195.265 | 198.227 | 201.189 | | | | | | | |
| 11 | Total | EUR/year | 2.308.8 | 1.997.2 | 2.037.1 | 2.077.0 | 2.116.9 | 2.156.8 | 2.196.7 | 2.236.6 | 2.276.5 | 2.316.4 | 2.356.3 | 2.396.2 | 2.436.1 | 2.476.0 | 2.515.9 | 2.555.8 | | | | | | | |
| 12 | Materials / chemicals (related to existing system) | EUR/year | 14.825 | 10.000 | 9.800 | 9.600 | 9.400 | 9.200 | 9.000 | 8.800 | 8.600 | 8.400 | 8.200 | 8.000 | 7.800 | 7.600 | 7.400 | 7.200 | | | | | | | |
| 13 | Materials / chemicals (related to investment) | EUR/year | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | | | | | | | |
| 14 | Electricity (related to existing system) | EUR/year | 17.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | | | | | | | |
| 15 | Personnel costs | EUR/year | 17.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | | | | | | | |
| 16 | Maintenance / repair (related to existing system) | EUR/year | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | | | | | | | |
| 17 | Maintenance / repair (related to investment) | EUR/year | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | | | | | | | |
| 18 | Investment | EUR/year | 8.375 | 7.257 | 7.402 | 7.546 | 7.691 | 7.835 | 7.979 | 8.123 | 8.267 | 8.411 | 8.555 | 8.699 | 8.843 | 8.987 | 9.131 | 9.275 | | | | | | | |
| 19 | Construction fee | EUR/year | 38.856 | 34.536 | 34.329 | 34.122 | 33.915 | 33.708 | 33.501 | 33.294 | 33.087 | 32.880 | 32.673 | 32.466 | 32.259 | 32.052 | 31.845 | 31.638 | | | | | | | |
| 20 | Stamp duty | EUR/year | 146.759 | 159.721 | 162.683 | 165.645 | 168.607 | 171.569 | 174.531 | 177.493 | 180.455 | 183.417 | 186.379 | 189.341 | 192.303 | 195.265 | 198.227 | 201.189 | | | | | | | |
| 21 | Total | EUR/year | 2.308.8 | 1.997.2 | 2.037.1 | 2.077.0 | 2.116.9 | 2.156.8 | 2.196.7 | 2.236.6 | 2.276.5 | 2.316.4 | 2.356.3 | 2.396.2 | 2.436.1 | 2.476.0 | 2.515.9 | 2.555.8 | | | | | | | |
| 22 | Electricity (related to existing system) | EUR/year | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | | | | | | | |
| 23 | Personnel costs | EUR/year | 17.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | | | | | | | |
| 24 | Maintenance / repair (related to existing system) | EUR/year | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | | | | | | | |
| 25 | Maintenance / repair (related to investment) | EUR/year | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | | | | | | | |
| 26 | Investment | EUR/year | 8.375 | 7.257 | 7.402 | 7.546 | 7.691 | 7.835 | 7.979 | 8.123 | 8.267 | 8.411 | 8.555 | 8.699 | 8.843 | 8.987 | 9.131 | 9.275 | | | | | | | |
| 27 | Construction fee | EUR/year | 38.856 | 34.536 | 34.329 | 34.122 | 33.915 | 33.708 | 33.501 | 33.294 | 33.087 | 32.880 | 32.673 | 32.466 | 32.259 | 32.052 | 31.845 | 31.638 | | | | | | | |
| 28 | Stamp duty | EUR/year | 146.759 | 159.721 | 162.683 | 165.645 | 168.607 | 171.569 | 174.531 | 177.493 | 180.455 | 183.417 | 186.379 | 189.341 | 192.303 | 195.265 | 198.227 | 201.189 | | | | | | | |
| 29 | Total | EUR/year | 2.308.8 | 1.997.2 | 2.037.1 | 2.077.0 | 2.116.9 | 2.156.8 | 2.196.7 | 2.236.6 | 2.276.5 | 2.316.4 | 2.356.3 | 2.396.2 | 2.436.1 | 2.476.0 | 2.515.9 | 2.555.8 | | | | | | | |
| 30 | Electricity (related to existing system) | EUR/year | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | | | | | | | |
| 31 | Personnel costs | EUR/year | 17.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | | | | | | | |
| 32 | Maintenance / repair (related to existing system) | EUR/year | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | | | | | | | |
| 33 | Maintenance / repair (related to investment) | EUR/year | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | | | | | | | |
| 34 | Investment | EUR/year | 8.375 | 7.257 | 7.402 | 7.546 | 7.691 | 7.835 | 7.979 | 8.123 | 8.267 | 8.411 | 8.555 | 8.699 | 8.843 | 8.987 | 9.131 | 9.275 | | | | | | | |
| 35 | Construction fee | EUR/year | 38.856 | 34.536 | 34.329 | 34.122 | 33.915 | 33.708 | 33.501 | 33.294 | 33.087 | 32.880 | 32.673 | 32.466 | 32.259 | 32.052 | 31.845 | 31.638 | | | | | | | |
| 36 | Stamp duty | EUR/year | 146.759 | 159.721 | 162.683 | 165.645 | 168.607 | 171.569 | 174.531 | 177.493 | 180.455 | 183.417 | 186.379 | 189.341 | 192.303 | 195.265 | 198.227 | 201.189 | | | | | | | |
| 37 | Total | EUR/year | 2.308.8 | 1.997.2 | 2.037.1 | 2.077.0 | 2.116.9 | 2.156.8 | 2.196.7 | 2.236.6 | 2.276.5 | 2.316.4 | 2.356.3 | 2.396.2 | 2.436.1 | 2.476.0 | 2.515.9 | 2.555.8 | | | | | | | |
| 38 | Electricity (related to existing system) | EUR/year | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | 14.825 | | | | | | | |
| 39 | Personnel costs | EUR/year | 17.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | 19.000 | | | | | | | |
| 40 | Maintenance / repair (related to existing system) | EUR/year | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | | | | | | | |
| 41 | Maintenance / repair (related to investment) | EUR/year | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | | | | | | | |
| 42 | Investment | EUR/year | 8.375 | 7.257 | 7.402 | 7.546 | 7.691 | 7.835 | 7.979 | 8.123 | 8.267 | 8.411 | 8.555 | 8.699 | 8.843 | 8.987 | 9.131 | 9.275 | | | | | | | |
| 43 | Construction fee | EUR/year | 38.856 | 34.536 | 34.329 | 34.122 | 33.915 | 33.708 | 33.501 | 33.294 | 33.087 | 32.880 | 32.673 | 32.466 | 32.259 | 32.052 | 31.845 | 31.638 | | | | | | | |
| 44 | Stamp duty | EUR/year | 146.759 | 159.721 | 162.683 | 165.645 | 168.607 | 171.569 | 174.531 | 177.493 | 180.455 | 183.417 | 186.379 | 189.341 | 192.303 | 195.265 | 198.227 | 201.189 | | | | | | | |
| 45 | Total | EUR/year | 2.308.8 | 1.997.2 | 2.037.1 | 2.077.0 | 2.116.9 | 2.156.8 | 2.196.7 | 2.236.6 | 2.276.5 | 2.316.4 | 2.356.3 | 2.396.2 | 2.436.1 | 2.476.0 | 2.515.9 | 2.555.8 | | | | | | | |

CR. Apa Bacau S.A. - Annex 1.4

Operating Costs - "With Project" - Target Costs

| | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|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| O&M Cost of Wastewater System | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 Materials / Chemicals (related to existing system) | EUR | 2,371 | 2,400 | 2,424 | 2,449 | 2,474 | 2,498 | 2,523 | 2,548 | 2,573 | 2,599 | 2,625 | 2,651 | 2,676 | 2,702 | 2,728 | 2,754 | 2,780 | 2,807 | 2,833 | 2,859 | 2,885 | 2,911 | 2,937 | 2,963 | 2,989 | 3,015 | 3,041 | 3,067 | 3,093 | 3,119 | 3,145 | 3,171 | 3,197 | 3,223 | 3,249 | 3,275 | 3,301 | 3,327 | 3,353 | 3,379 | 3,405 | 3,431 | 3,457 | 3,483 | 3,509 | 3,535 | 3,561 | 3,587 | 3,613 | 3,639 | 3,665 | 3,691 | 3,717 | 3,743 | 3,769 | 3,795 | 3,821 | 3,847 | 3,873 | 3,899 | 3,925 | 3,951 | 3,977 | 4,003 | 4,029 | 4,055 | 4,081 | 4,107 | 4,133 | 4,159 | 4,185 | 4,211 | 4,237 | 4,263 | 4,289 | 4,315 | 4,341 | 4,367 | 4,393 | 4,419 | 4,445 | 4,471 | 4,497 | 4,523 | 4,549 | 4,575 | 4,601 | 4,627 | 4,653 | 4,679 | 4,705 | 4,731 | 4,757 | 4,783 | 4,809 | 4,835 | 4,861 | 4,887 | 4,913 | 4,939 | 4,965 | 4,991 | 5,017 | 5,043 | 5,069 | 5,095 | 5,121 | 5,147 | 5,173 | 5,199 | 5,225 | 5,251 | 5,277 | 5,303 | 5,329 | 5,355 | 5,381 | 5,407 | 5,433 | 5,459 | 5,485 | 5,511 | 5,537 | 5,563 | 5,589 | 5,615 | 5,641 | 5,667 | 5,693 | 5,719 | 5,745 | 5,771 | 5,797 | 5,823 | 5,849 | 5,875 | 5,901 | 5,927 | 5,953 | 5,979 | 6,005 | 6,031 | 6,057 | 6,083 | 6,109 | 6,135 | 6,161 | 6,187 | 6,213 | 6,239 | 6,265 | 6,291 | 6,317 | 6,343 | 6,369 | 6,395 | 6,421 | 6,447 | 6,473 | 6,499 | 6,525 | 6,551 | 6,577 | 6,603 | 6,629 | 6,655 | 6,681 | 6,707 | 6,733 | 6,759 | 6,785 | 6,811 | 6,837 | 6,863 | 6,889 | 6,915 | 6,941 | 6,967 | 6,993 | 7,019 | 7,045 | 7,071 | 7,097 | 7,123 | 7,149 | 7,175 | 7,201 | 7,227 | 7,253 | 7,279 | 7,305 | 7,331 | 7,357 | 7,383 | 7,409 | 7,435 | 7,461 | 7,487 | 7,513 | 7,539 | 7,565 | 7,591 | 7,617 | 7,643 | 7,669 | 7,695 | 7,721 | 7,747 | 7,773 | 7,799 | 7,825 | 7,851 | 7,877 | 7,903 | 7,929 | 7,955 | 7,981 | 8,007 | 8,033 | 8,059 | 8,085 | 8,111 | 8,137 | 8,163 | 8,189 | 8,215 | 8,241 | 8,267 | 8,293 | 8,319 | 8,345 | 8,371 | 8,397 | 8,423 | 8,449 | 8,475 | 8,501 | 8,527 | 8,553 | 8,579 | 8,605 | 8,631 | 8,657 | 8,683 | 8,709 | 8,735 | 8,761 | 8,787 | 8,813 | 8,839 | 8,865 | 8,891 | 8,917 | 8,943 | 8,969 | 8,995 | 9,021 | 9,047 | 9,073 | 9,099 | 9,125 | 9,151 | 9,177 | 9,203 | 9,229 | 9,255 | 9,281 | 9,307 | 9,333 | 9,359 | 9,385 | 9,411 | 9,437 | 9,463 | 9,489 | 9,515 | 9,541 | 9,567 | 9,593 | 9,619 | 9,645 | 9,671 | 9,697 | 9,723 | 9,749 | 9,775 | 9,801 | 9,827 | 9,853 | 9,879 | 9,905 | 9,931 | 9,957 | 9,983 | 10,009 | 10,035 | 10,061 | 10,087 | 10,113 | 10,139 | 10,165 | 10,191 | 10,217 | 10,243 | 10,269 | 10,295 | 10,321 | 10,347 | 10,373 | 10,399 | 10,425 | 10,451 | 10,477 | 10,503 | 10,529 | 10,555 | 10,581 | 10,607 | 10,633 | 10,659 | 10,685 | 10,711 | 10,737 | 10,763 | 10,789 | 10,815 | 10,841 | 10,867 | 10,893 | 10,919 | 10,945 | 10,971 | 10,997 | 11,023 | 11,049 | 11,075 | 11,101 | 11,127 | 11,153 | 11,179 | 11,205 | 11,231 | 11,257 | 11,283 | 11,309 | 11,335 | 11,361 | 11,387 | 11,413 | 11,439 | 11,465 | 11,491 | 11,517 | 11,543 | 11,569 | 11,595 | 11,621 | 11,647 | 11,673 | 11,699 | 11,725 | 11,751 | 11,777 | 11,803 | 11,829 | 11,855 | 11,881 | 11,907 | 11,933 | 11,959 | 11,985 | 12,011 | 12,037 | 12,063 | 12,089 | 12,115 | 12,141 | 12,167 | 12,193 | 12,219 | 12,245 | 12,271 | 12,297 | 12,323 | 12,349 | 12,375 | 12,401 | 12,427 | 12,453 | 12,479 | 12,505 | 12,531 | 12,557 | 12,583 | 12,609 | 12,635 | 12,661 | 12,687 | 12,713 | 12,739 | 12,765 | 12,791 | 12,817 | 12,843 | 12,869 | 12,895 | 12,921 | 12,947 | 12,973 | 12,999 | 13,025 | 13,051 | 13,077 | 13,103 | 13,129 | 13,155 | 13,181 | 13,207 | 13,233 | 13,259 | 13,285 | 13,311 | 13,337 | 13,363 | 13,389 | 13,415 | 13,441 | 13,467 | 13,493 | 13,519 | 13,545 | 13,571 | 13,597 | 13,623 | 13,649 | 13,675 | 13,701 | 13,727 | 13,753 | 13,779 | 13,805 | 13,831 | 13,857 | 13,883 | 13,909 | 13,935 | 13,961 | 13,987 | 14,013 | 14,039 | 14,065 | 14,091 | 14,117 | 14,143 | 14,169 | 14,195 | 14,221 | 14,247 | 14,273 | 14,299 | 14,325 | 14,351 | 14,377 | 14,403 | 14,429 | 14,455 | 14,481 | 14,507 | 14,533 | 14,559 | 14,585 | 14,611 | 14,637 | 14,663 | 14,689 | 14,715 | 14,741 | 14,767 | 14,793 | 14,819 | 14,845 | 14,871 | 14,897 | 14,923 | 14,949 | 14,975 | 15,001 | 15,027 | 15,053 | 15,079 | 15,105 | 15,131 | 15,157 | 15,183 | 15,209 | 15,235 | 15,261 | 15,287 | 15,313 | 15,339 | 15,365 | 15,391 | 15,417 | 15,443 | 15,469 | 15,495 | 15,521 | 15,547 | 15,573 | 15,599 | 15,625 | 15,651 | 15,677 | 15,703 | 15,729 | 15,755 | 15,781 | 15,807 | 15,833 | 15,859 | 15,885 | 15,911 | 15,937 | 15,963 | 15,989 | 16,015 | 16,041 | 16,067 | 16,093 | 16,119 | 16,145 | 16,171 | 16,197 | 16,223 | 16,249 | 16,275 | 16,301 | 16,327 | 16,353 | 16,379 | 16,405 | 16,431 | 16,457 | 16,483 | 16,509 | 16,535 | 16,561 | 16,587 | 16,613 | 16,639 | 16,665 | 16,691 | 16,717 | 16,743 | 16,769 | 16,795 | 16,821 | 16,847 | 16,873 | 16,899 | 16,925 | 16,951 | 16,977 | 17,003 | 17,029 | 17,055 | 17,081 | 17,107 | 17,133 | 17,159 | 17,185 | 17,211 | 17,237 | 17,263 | 17,289 | 17,315 | 17,341 | 17,367 | 17,393 | 17,419 | 17,445 | 17,471 | 17,497 | 17,523 | 17,549 | 17,575 | 17,601 | 17,627 | 17,653 | 17,679 | 17,705 | 17,731 | 17,757 | 17,783 | 17,809 | 17,835 | 17,861 | 17,887 | 17,913 | 17,939 | 17,965 | 17,991 | 18,017 | 18,043 | 18,069 | 18,095 | 18,121 | 18,147 | 18,173 | 18,199 | 18,225 | 18,251 | 18,277 | 18,303 | 18,329 | 18,355 | 18,381 | 18,407 | 18,433 | 18,459 | 18,485 | 18,511 | 18,537 | 18,563 | 18,589 | 18,615 | 18,641 | 18,667 | 18,693 | 18,719 | 18,745 | 18,771 | 18,797 | 18,823 | 18,849 | 18,875 | 18,901 | 18,927 | 18,953 | 18,979 | 19,005 | 19,031 | 19,057 | 19,083 | 19,109 | 19,135 | 19,161 | 19,187 | 19,213 | 19,239 | 19,265 | 19,291 | 19,317 | 19,343 | 19,369 | 19,395 | 19,421 | 19,447 | 19,473 | 19,499 | 19,525 | 19,551 | 19,577 | 19,603 | 19,629 | 19,655 | 19,681 | 19,707 | 19,733 | 19,759 | 19,785 | 19,811 | 19,837 | 19,863 | 19,889 | 19,915 | 19,941 | 19,967 | 19,993 | 20,019 | 20,045 | 20,071 | 20,097 | 20,123 | 20,149 | 20,175 | 20,201 | 20,227 | 20,253 | 20,279 | 20,305 | 20,331 | 20,357 | 20,383 | 20,409 | 20,435 | 20,461 | 20,487 | 20,513 | 20,539 | 20,565 | 20,591 | 20,617 | 20,643 | 20,669 | 20,695 | 20,721 | 20,747 | 20,773 | 20,799 | 20,825 | 20,851 | 20,877 | 20,903 | 20,929 | 20,955 | 20,981 | 21,007 | 21,033 | 21,059 | 21,085 | 21,111 | 21,137 | 21,163 | 21,189 | 21,215 | 21,241 | 21,267 | 21,293 | 21,319 | 21,345 | 21,371 | 21,397 | 21,423 | 21,449 | 21,475 | 21,501 | 21,527 | 21,553 | 21,579 | 21,605 | 21,631 | 21,657 | 21,683 | 21,709 | 21,735 | 21,761 | 21,787 | 21,813 | 21,839 | 21,865 | 21,891 | 21,917 | 21,943 | 21,969 | 21,995 | 22,021 | 22,047 | 22,073 | 22,099 | 22,125 | 22,151 | 22,177 | 22,203 | 22,229 | 22,255 | 22,281 | 22,307 | 22,333 | 22,359 | 22,385 | 22,411 | 22,437 | 22,463 | 22,489 | 22,515 | 22,541 | 22,567 | 22,593 | 22,619 | 22,645 | 22,671 | 22,697 | 22,723 | 22,749 | 22,775 | 22,801 | 22,827 | 22,853 | 22,879 | 22,905 | 22,931 | 22,957 | 22,983 | 23,009 | 23,035 | 23,061 | 23,087 | 23,113 | 23,139 | 23,165 | 23,191 | 23,217 | 23,243 | 23,269 | 23,295 | 23,321 | 23,347 | 23,373 | 23,399 | 23,425 | 23,451 | 23,477 | 23,503 | 23,529 | 23,555 | 23,581 | 23,607 | 23,633 | 23,659 | 23,685 | 23,711 | 23,737 | 23,763 | 23,789 | 23,815 | 23,841 | 23,867 | 23,893 | 23,919 | 23,945 | 23,971 | 23,997 | 24,023 | 24,049 | 24,075 | 24,101 | 24,127 | 24,153 | 24,179 | 24,205 | 24,231 | 24,257 | 24,283 | 24,309 | 24,335 | 24,361 | 24,387 | 24,413 | 24,439 | 24,465 | 24,491 | 24,517 | 24,543 | 24,569 | 24,595 | 24,621 | 24,647 | 24,673 | 24,699 | 24,725 | 24,751 | 24,777 | 24,803 | 24,829 | 24,855 | 24,881 | 24,907 | 24,933 | 24,959 | 24,985 | 25,011 | 25,037 | 25,063 | 25,089 | 25,115 | 25,141 | 25,167 | 25,193 | 25,219 | 25,245 | 25,271 | 25,297 | 25,323 | 25,349 | 25,375 | 25,401 | 25,427 | 25,453 | 25,479 | 25,505 | 25,531 | 25,557 | 25,583 | 25,609 | 25,635 | 25,661 | 25,687 | 25,713 | 25,739 | 25,765 | 25,791 | 25,817 | 25,843 | 25,869 | 25,895 | 25,921 | 25,947 | 25,973 | 25,999 | 26,025 | 26,051 | 26,077 | 26,103 | 26,129 | 26,155 | 26,181 | 26,207 | 26,233 | 26,259 | 26,285 | 26,311 | 26,337 | 26,363 | 26,389 | 26,415 | 26,441 | 26,467 | 26,493 | 26,519 | 26,545 | 26,571 | 26,597 | 26,623 | 26,649 | 26,675 | 26,701 | 26,727 | 26,753 | 26,779 | 26,805 | 26,831 | 26,857 | 26,883 | 26,909 | 26,935 | 26,961 | 26,987 | 27,013 | 27,039 | 27,065 | 27,091 | 27,117 | 27,143 | 27,169 | 27,195 | 27,221 | 27,247 | 27,273 | 27,299 | 27,325 | 27,351 | 27,377 | 27,403 | 27,429 | 27,455 | 27,481 | 27,507 | 27,533 | 27,559 | 27,585 | 27,611 | 27,637 | 27,663 | 27,689 | 27,715 | 27,741 | 27,767 | 27,793 | 27,819 | 27,845 | 27,871 | 27,897 | 27,923 | 27,949 | 27,975 | 28,001 | 28,027 | 28,053 | 28,079 | 28,105 | 28,131 | 28,157 | 28,183 |

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| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Historical data | | | | | | | | | | | | | | | | |
| ▶▶▶ Projection ▶▶▶ | | | | | | | | | | | | | | | | |

Operating Costs - "Without Project" - Tangible Costs

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Overall Cost of Water Supply System | | | | | | | | | | | | | | | | |
| 1 Raw water costs | EUR | 141,882 | 122,336 | 113,984 | 4,565 | 4,459 | 4,605 | 4,431 | 4,411 | 4,484 | 4,558 | 4,634 | 4,707 | 4,781 | 4,856 | 4,931 |
| 2 Materials / chemicals (related to existing system) | EUR | 5,225 | 4,538 | 4,413 | 4,565 | 4,459 | 4,605 | 4,431 | 4,411 | 4,484 | 4,558 | 4,634 | 4,707 | 4,781 | 4,856 | 4,931 |
| 3 Electricity (related to existing system) | EUR | 5,310 | 4,601 | 3,177 | 3,253 | 3,193 | 3,264 | 3,133 | 3,146 | 3,212 | 3,279 | 3,346 | 3,417 | 3,486 | 3,556 | 3,627 |
| 4 Personnel costs | EUR | 110,475 | 95,739 | 96,729 | 96,742 | 95,405 | 101,979 | 105,548 | 109,770 | 114,710 | 120,445 | 126,467 | 132,751 | 139,430 | 145,556 | 151,970 |
| 5 Maintenance / repair (related to existing system) | EUR | 11,654 | 10,699 | 10,301 | 10,507 | 10,654 | 10,771 | 10,928 | 11,087 | 11,208 | 11,329 | 11,453 | 11,581 | 11,710 | 11,840 | 11,970 |
| 6 Maintenance / repair (related to measures) | EUR | - | 10,699 | 10,099 | 10,099 | 10,099 | 10,099 | 10,099 | 10,099 | 10,099 | 10,099 | 10,099 | 10,099 | 10,099 | 10,099 | 10,099 |
| 7 Depreciation | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 Concession fee | EUR | 85,891 | 83,892 | 84,753 | 86,448 | 87,746 | 89,623 | 89,696 | 91,398 | 92,221 | 93,143 | 94,075 | 95,015 | 95,966 | 96,925 | 97,894 |
| 9 General Administration | EUR | 370,442 | 331,062 | 326,458 | 211,654 | 215,304 | 219,540 | 223,598 | 234,770 | 241,668 | 248,867 | 256,361 | 264,216 | 271,560 | 279,185 | 287,106 |
| 12 Total | EUR | 1,393,023 | 1,332,895 | 1,332,803 | 1,342,117 | 1,339,945 | 1,332,803 | 1,322,025 | 1,309,870 | 1,298,154 | 1,215,238 | 1,222,656 | 1,229,944 | 1,235,370 | 1,241,934 | 1,247,765 |
| Raw water costs | | | | | | | | | | | | | | | | |
| 13 Raw water quantity | M ³ /year | 0,1019 | 0,0993 | 0,0990 | - | - | - | - | - | - | - | - | - | - | - | - |
| 14 Average price for raw water | EUR/m ³ | 141,886 | 122,538 | 113,961 | - | - | - | - | - | - | - | - | - | - | - | - |
| 15 Total Raw water costs | EUR/year | 14,525 | 12,158 | 11,361 | - | - | - | - | - | - | - | - | - | - | - | - |
| Materials / chemicals (related to existing system) | | | | | | | | | | | | | | | | |
| 16 Total materials / chemicals | EUR/year | 5,225 | 4,538 | 4,413 | 4,565 | 4,459 | 4,605 | 4,431 | 4,411 | 4,484 | 4,558 | 4,634 | 4,707 | 4,781 | 4,856 | 4,931 |
| Electricity (related to existing system) | | | | | | | | | | | | | | | | |
| 17 Total electricity consumption | Kwh/year | 45,162 | 45,150 | 43,210 | 43,312 | 41,950 | 42,240 | 39,842 | 39,832 | 39,189 | 39,398 | 38,639 | 38,846 | 40,051 | 40,257 | 40,463 |
| 18 Average energy price | EUR/kwh | 0,118 | 0,102 | 0,074 | 0,074 | 0,075 | 0,077 | 0,078 | 0,083 | 0,082 | 0,082 | 0,084 | 0,086 | 0,087 | 0,088 | 0,089 |
| 19 Total energy costs | EUR/year | 5,310 | 4,601 | 3,177 | 3,253 | 3,153 | 3,264 | 3,153 | 3,146 | 3,212 | 3,279 | 3,349 | 3,417 | 3,486 | 3,556 | 3,627 |
| Average unitary energy consumption | | | | | | | | | | | | | | | | |
| 20 Average unitary energy consumption | Kwh/m ³ | 0,03 | 0,03 | 0,03 | 0,03 | 0,03 | 0,03 | 0,03 | 0,03 | 0,03 | 0,03 | 0,03 | 0,03 | 0,03 | 0,03 | 0,03 |
| Personnel costs | | | | | | | | | | | | | | | | |
| 21 Number of personnel for the existing system | no | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| 22 Increase/decrease of personnel | no | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| 23 Total number of personnel | no | 278 | 241 | 241 | 243 | 249 | 255 | 265 | 268 | 303 | 310 | 323 | 351 | 366 | 382 | 398 |
| 24 Average monthly gross salaries | EUR/month | 76 | 65 | 66 | 67 | 68 | 70 | 73 | 75 | 83 | 87 | 92 | 96 | 101 | 105 | 110 |
| 25 Salaries related taxes paid by the employer | EUR/year | 118,473 | 95,729 | 96,782 | 96,782 | 95,105 | 101,979 | 105,548 | 109,770 | 114,710 | 120,445 | 126,467 | 132,751 | 139,430 | 145,556 | 151,970 |
| 26 Total personnel costs | EUR/year | 118,473 | 95,729 | 96,782 | 96,782 | 95,105 | 101,979 | 105,548 | 109,770 | 114,710 | 120,445 | 126,467 | 132,751 | 139,430 | 145,556 | 151,970 |
| Maintenance (related to existing system) | | | | | | | | | | | | | | | | |
| 27 Impact of new investments on the maintenance costs of existing systems (% increase or decrease) | % | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% |
| 28 Total maintenance costs (related to existing system) | EUR/year | 11,654 | 10,699 | 10,301 | 10,507 | 10,654 | 10,771 | 10,928 | 11,087 | 11,208 | 11,329 | 11,453 | 11,581 | 11,710 | 11,840 | 11,970 |
| 29 Total maintenance costs (related to existing system) | EUR/year | 11,654 | 10,699 | 10,301 | 10,507 | 10,654 | 10,771 | 10,928 | 11,087 | 11,208 | 11,329 | 11,453 | 11,581 | 11,710 | 11,840 | 11,970 |

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| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Operating Costs - "Without Project" - Target Costs

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1 O&M Costs of Water Supply System | | | | | | | | | | | | | | | | |
| 2 Raw water costs | EUR | 5,007 | 5,061 | 5,162 | 5,211 | 5,267 | 5,321 | 5,373 | 5,424 | 5,473 | 5,521 | 5,568 | 5,615 | 5,661 | 5,707 | 5,752 |
| 3 Materials / chemicals (related to existing system) | EUR | | | | | | | | | | | | | | | |
| 4 Electricity (related to existing system) | EUR | 3,700 | 3,774 | 3,849 | 3,925 | 4,002 | 4,081 | 4,162 | 4,244 | 4,327 | 4,409 | 4,496 | 4,586 | 4,675 | 4,766 | 4,858 |
| 5 Electricity (related to measures) | EUR | | | | | | | | | | | | | | | |
| 6 Personnel costs | EUR | 165,638 | 172,926 | 180,524 | 188,478 | 196,771 | 205,429 | 214,468 | 223,904 | 233,756 | 244,041 | 254,779 | 265,988 | 277,693 | 289,911 | 302,668 |
| 7 Maintenance / repair (related to existing system) | EUR | 12,017 | 12,137 | 12,258 | 12,381 | 12,505 | 12,632 | 12,762 | 12,894 | 13,029 | 13,167 | 13,307 | 13,451 | 13,597 | 13,747 | 13,899 |
| 8 Maintenance / repair (related to measures) | EUR | | | | | | | | | | | | | | | |
| 9 Depreciation | EUR | 10,899 | 10,899 | 10,899 | 10,899 | 10,899 | 10,899 | 10,899 | 10,899 | 10,899 | 10,899 | 10,899 | 10,899 | 10,899 | 10,899 | 10,899 |
| 10 Concession fee | EUR | | | | | | | | | | | | | | | |
| 11 General Administration | EUR | 99,872 | 99,862 | 100,861 | 101,869 | 102,888 | 103,917 | 104,955 | 105,005 | 105,055 | 105,105 | 105,155 | 105,205 | 105,255 | 105,305 | 105,355 |
| 12 Total | EUR | 295,332 | 303,681 | 312,763 | 321,692 | 331,585 | 341,597 | 351,924 | 362,702 | 373,910 | 385,566 | 397,899 | 410,929 | 424,817 | 439,564 | 455,252 |
| 13 Raw water costs | \$/year | 1,253,927 | 1,265,945 | 1,277,949 | 1,289,924 | 1,301,873 | 1,313,855 | 1,325,855 | 1,337,871 | 1,349,902 | 1,361,950 | 1,374,016 | 1,386,101 | 1,398,205 | 1,410,328 | 1,422,470 |
| 14 Average price for raw water | EUR/m3 | | | | | | | | | | | | | | | |
| 15 Total Raw water costs | EUR/year | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | |
| 17 Materials / chemicals (related to existing system) | EUR/year | 5,007 | 5,061 | 5,162 | 5,211 | 5,267 | 5,321 | 5,373 | 5,424 | 5,473 | 5,521 | 5,568 | 5,615 | 5,661 | 5,707 | 5,752 |
| 18 Electricity (related to existing system) | kWh/year | 40,649 | 41,847 | 43,042 | 44,237 | 45,431 | 46,623 | 47,814 | 49,003 | 50,191 | 51,378 | 52,564 | 53,749 | 54,933 | 56,115 | 57,296 |
| 19 Total electricity consumption | EUR/year | 0,091 | 0,092 | 0,094 | 0,095 | 0,097 | 0,099 | 0,101 | 0,103 | 0,105 | 0,107 | 0,109 | 0,111 | 0,113 | 0,115 | 0,117 |
| 20 Average energy price | EUR/kWh | | | | | | | | | | | | | | | |
| 21 Total energy costs | EUR/year | 3,700 | 3,774 | 3,848 | 3,923 | 4,000 | 4,078 | 4,157 | 4,237 | 4,318 | 4,400 | 4,484 | 4,569 | 4,656 | 4,746 | 4,838 |
| 22 Average salary, energy, consumption | kWh/m3 | 0,03 | 0,03 | 0,03 | 0,03 | 0,03 | 0,03 | 0,03 | 0,03 | 0,03 | 0,03 | 0,03 | 0,03 | 0,03 | 0,03 | 0,03 |
| 23 Personnel costs | no. | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| 24 Increase/Decrease of personnel | no. | | | | | | | | | | | | | | | |
| 25 Total number of personnel | EUR/month | 416 | 435 | 454 | 474 | 495 | 517 | 539 | 563 | 588 | 614 | 641 | 669 | 698 | 728 | 759 |
| 26 Average monthly gross salaries | EUR/month | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 |
| 27 Salaries related taxes paid by the employer | EUR/year | 165,638 | 172,926 | 180,524 | 188,478 | 196,771 | 205,429 | 214,468 | 223,904 | 233,756 | 244,041 | 254,779 | 265,988 | 277,693 | 289,911 | 302,668 |
| 28 Total personnel costs | EUR/year | 12,017 | 12,137 | 12,258 | 12,381 | 12,505 | 12,632 | 12,762 | 12,894 | 13,029 | 13,167 | 13,307 | 13,451 | 13,597 | 13,747 | 13,899 |
| 29 Maintenance (related to existing system) | % | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% |
| 30 Impact of new investments on the maintenance costs of existing systems (% increase or decrease) | EUR/year | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | |
| 32 Maintenance costs (related to existing system) | EUR/year | 12,017 | 12,137 | 12,258 | 12,381 | 12,505 | 12,632 | 12,762 | 12,894 | 13,029 | 13,167 | 13,307 | 13,451 | 13,597 | 13,747 | 13,899 |

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Historical data
2008 2009 2010

Projection
2010 2011 2012

2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023

Operating Costs - "Without Project" - Targu Ocna

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 O&M Cost of Wastewater System | | | | | | | | | | | | | | | | |
| 2 Materials / chemicals (related to existing system) | EUR | 2,305 | 1,997 | 1,997 | 2,085 | 2,116 | 2,188 | 2,157 | 2,202 | 2,223 | 2,245 | 2,269 | 2,290 | 2,312 | 2,336 | 2,359 |
| 3 Materials / chemicals (related to measures) | EUR | 1,654 | 1,435 | 1,050 | 1,075 | 1,053 | 1,115 | 1,135 | 1,177 | 1,198 | 1,220 | 1,242 | 1,263 | 1,286 | 1,308 | 1,331 |
| 4 Electricity (related to existing system) | EUR | 24,771 | 21,464 | 21,464 | 21,701 | 22,221 | 22,866 | 23,566 | 24,313 | 25,100 | 25,927 | 26,795 | 27,703 | 28,651 | 29,640 | 30,671 |
| 5 Personnel costs | EUR | 2,750 | 2,383 | 2,431 | 2,480 | 2,517 | 2,542 | 2,567 | 2,593 | 2,619 | 2,645 | 2,672 | 2,698 | 2,725 | 2,752 | 2,780 |
| 6 Maintenance / repair (related to existing system) | EUR | | | | | | | | | | | | | | | |
| 7 Maintenance / repair (related to measures) | EUR | | | | | | | | | | | | | | | |
| 8 Dewatered sludge disposal | EUR | | | | | | | | | | | | | | | |
| 9 Depreciation | EUR | | | | | | | | | | | | | | | |
| 10 Concession fee | EUR | | | | | | | | | | | | | | | |
| 11 General Administration | EUR | 8,375 | 7,257 | 7,402 | 7,550 | 7,740 | 7,974 | 8,253 | 8,576 | 8,943 | 9,356 | 9,815 | 10,320 | 10,872 | 11,474 | 12,126 |
| 12 Total | EUR | 39,885 | 34,536 | 34,345 | 40,988 | 42,511 | 44,074 | 54,391 | 56,916 | 58,439 | 60,077 | 61,845 | 63,742 | 65,773 | 67,938 | 70,249 |
| 13 Materials / chemicals (related to existing system) | EUR/year | 2,305 | 1,997 | 1,997 | 2,085 | 2,116 | 2,138 | 2,157 | 2,202 | 2,223 | 2,245 | 2,268 | 2,290 | 2,312 | 2,336 | 2,359 |
| 14 Electricity (related to existing system) | Kwh/year | 14,071 | 14,081 | 14,280 | 14,329 | 14,379 | 14,429 | 14,469 | 14,565 | 14,609 | 14,651 | 14,695 | 14,733 | 14,771 | 14,805 | 14,846 |
| 15 Total energy consumption | EUR/kWh | 0,12 | 0,10 | 0,074 | 0,075 | 0,076 | 0,077 | 0,078 | 0,080 | 0,081 | 0,082 | 0,084 | 0,086 | 0,087 | 0,088 | 0,089 |
| 16 Average energy price | EUR/year | 1,654 | 1,435 | 1,050 | 1,075 | 1,053 | 1,115 | 1,135 | 1,177 | 1,198 | 1,220 | 1,242 | 1,263 | 1,286 | 1,308 | 1,331 |
| 17 Total energy costs | Kwh/ton3 | | | 0,02 | 0,02 | 0,02 | 0,02 | 0,02 | 0,02 | 0,02 | 0,02 | 0,02 | 0,02 | 0,02 | 0,02 | 0,02 |
| 18 Average unitary energy consumption | no | | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 19 Personnel costs | no | | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 20 Number of personnel for the existing system | no | | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 21 Increase/decrease of personnel as result of measure | no | | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 22 Total number of personnel | no | | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 23 Average monthly gross salaries | EUR/month | 270 | 234 | 234 | 235 | 242 | 249 | 258 | 268 | 280 | 293 | 307 | 324 | 340 | 355 | 371 |
| 24 Salaries related areas used by the employer | EUR/year | 74 | 54 | 64 | 65 | 67 | 69 | 71 | 74 | 77 | 81 | 85 | 89 | 94 | 98 | 102 |
| 25 Total personnel costs | EUR/year | 24,771 | 21,464 | 21,464 | 21,701 | 22,221 | 22,866 | 23,566 | 24,313 | 25,100 | 25,927 | 26,795 | 27,703 | 28,651 | 29,640 | 30,671 |
| 26 Maintenance (related to existing system) | EUR/year | 2,750 | 2,383 | 2,431 | 2,480 | 2,517 | 2,542 | 2,567 | 2,593 | 2,619 | 2,645 | 2,672 | 2,698 | 2,725 | 2,752 | 2,780 |
| 27 Impact of new investments on the maintenance costs of existing systems (% increase or decrease) | % | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% |
| 28 Maintenance costs (related to existing system) | EUR/year | 2,750 | 2,383 | 2,431 | 2,480 | 2,517 | 2,542 | 2,567 | 2,593 | 2,619 | 2,645 | 2,672 | 2,698 | 2,725 | 2,752 | 2,780 |
| Dewatered sludge disposal | | | | | | | | | | | | | | | | |
| Average unit cost of dewatered sludge disposal | EUR/ton | 50 | 50 | 50 | 51 | 52 | 53 | 53 | 54 | 55 | 55 | 56 | 57 | 58 | 58 | 59 |
| Average yearly quantity of dewatered sludge | ton/year | 119 | 119 | 132 | 132 | 145 | 145 | 159 | 159 | 168 | 168 | 168 | 157 | 157 | 157 | 156 |
| Total costs with sludge disposal | EUR/year | | | | 6,108 | 6,899 | 7,674 | 8,463 | 9,609 | 10,683 | 11,756 | 12,828 | 13,900 | 15,072 | 16,244 | 17,416 |

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| | | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | | |
|--|---|-----------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| Operating Costs - "Without Project" - Target Data | | | | | | | | | | | | | | | | | | | |
| 1 | OGM Cost of Wastewater System | EUR | 2.382 | 2.406 | 2.430 | 2.454 | 2.479 | 2.504 | 2.529 | 2.554 | 2.579 | 2.599 | 2.624 | 2.644 | 2.664 | 2.684 | 2.704 | 2.727 | |
| 2 | Materials / chemicals (related to existing system) | EUR | 1.355 | 1.378 | 1.402 | 1.427 | 1.452 | 1.477 | 1.502 | 1.527 | 1.552 | 1.577 | 1.602 | 1.627 | 1.652 | 1.677 | 1.702 | 1.727 | |
| 3 | Electricity (related to existing system) | EUR | 37.139 | 38.724 | 40.309 | 41.894 | 43.479 | 45.064 | 46.649 | 48.234 | 49.819 | 51.404 | 52.989 | 54.574 | 56.159 | 57.744 | 59.329 | 60.914 | 62.499 |
| 4 | Personnel costs | EUR | 2.035 | 2.054 | 2.073 | 2.092 | 2.111 | 2.130 | 2.149 | 2.168 | 2.187 | 2.206 | 2.225 | 2.244 | 2.263 | 2.282 | 2.301 | 2.320 | 2.339 |
| 5 | Maintenance / repair (related to existing system) | EUR | 29.011 | 29.724 | 30.437 | 31.150 | 31.863 | 32.576 | 33.289 | 34.002 | 34.715 | 35.428 | 36.141 | 36.854 | 37.567 | 38.280 | 38.993 | 39.706 | 40.419 |
| 6 | Operating sludge disposal | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 7 | Construction fee | EUR | 17.669 | 17.669 | 17.669 | 17.669 | 17.669 | 17.669 | 17.669 | 17.669 | 17.669 | 17.669 | 17.669 | 17.669 | 17.669 | 17.669 | 17.669 | 17.669 | |
| 8 | General Administration | EUR | 90.271 | 92.604 | 94.937 | 97.270 | 99.603 | 101.936 | 104.269 | 106.602 | 108.935 | 111.268 | 113.601 | 115.934 | 118.267 | 120.600 | 122.933 | 125.266 | |
| 9 | Total | EUR/year | 2.382 | 2.406 | 2.430 | 2.454 | 2.479 | 2.504 | 2.529 | 2.554 | 2.579 | 2.599 | 2.624 | 2.644 | 2.664 | 2.684 | 2.704 | 2.727 | |
| 10 | Materials / chemicals (related to existing system) | EUR/year | 14.882 | 14.919 | 14.955 | 14.991 | 15.027 | 15.063 | 15.099 | 15.134 | 15.170 | 15.206 | 15.241 | 15.277 | 15.311 | 15.345 | 15.380 | 15.414 | |
| 11 | Electricity (related to existing system) | EUR/year | 0.991 | 0.992 | 0.993 | 0.994 | 0.995 | 0.996 | 0.997 | 0.998 | 0.999 | 1.000 | 1.001 | 1.002 | 1.003 | 1.004 | 1.005 | 1.006 | |
| 12 | Average energy price | EUR/year | 1.355 | 1.378 | 1.402 | 1.427 | 1.452 | 1.477 | 1.502 | 1.527 | 1.552 | 1.577 | 1.602 | 1.627 | 1.652 | 1.677 | 1.702 | 1.727 | |
| 13 | Total energy costs | EUR/year | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | |
| 14 | Average unitary energy consumption | Kwh/m3 | | | | | | | | | | | | | | | | | |
| 15 | Personnel costs | no | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| 16 | Number of personnel for the existing system | no | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| 17 | Increase/decrease of personnel as result of investment | no | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| 18 | Total number of personnel | no | 464 | 462 | 461 | 460 | 459 | 458 | 457 | 456 | 455 | 454 | 453 | 452 | 451 | 450 | 449 | 448 | |
| 19 | Monthly gross salary | EUR/month | 112 | 115 | 118 | 121 | 124 | 127 | 130 | 133 | 136 | 139 | 142 | 145 | 148 | 151 | 154 | 157 | |
| 20 | Share related taxes paid by the employer | EUR/year | 33.135 | 34.714 | 36.293 | 37.872 | 39.451 | 41.030 | 42.609 | 44.188 | 45.767 | 47.346 | 48.925 | 50.504 | 52.083 | 53.662 | 55.241 | 56.820 | |
| 21 | Total personnel costs | EUR/year | 2.635 | 2.664 | 2.693 | 2.722 | 2.751 | 2.780 | 2.809 | 2.838 | 2.867 | 2.896 | 2.925 | 2.954 | 2.983 | 3.012 | 3.041 | 3.070 | |
| 22 | Maintenance (related to existing system) | EUR/year | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | |
| 23 | Impact of new investments on the maintenance costs of existing systems % (increase or decrease) | % | 2.835 | 2.864 | 2.893 | 2.922 | 2.951 | 2.980 | 3.009 | 3.038 | 3.067 | 3.096 | 3.125 | 3.154 | 3.183 | 3.212 | 3.241 | 3.270 | |
| 24 | Maintenance costs (related to existing system) | EUR/year | 169 | 151 | 133 | 115 | 97 | 79 | 61 | 43 | 25 | 7 | -11 | -29 | -47 | -65 | -83 | -101 | |
| 25 | Devaluated sludge disposal | EUR/ton | 145 | 155 | 165 | 175 | 185 | 195 | 205 | 215 | 225 | 235 | 245 | 255 | 265 | 275 | 285 | 295 | |
| 26 | Average unit cost of devaluated sludge disposal | EUR/ton | 23.801 | 23.724 | 23.647 | 23.570 | 23.493 | 23.416 | 23.339 | 23.262 | 23.185 | 23.108 | 23.031 | 22.954 | 22.877 | 22.800 | 22.723 | 22.646 | |
| 27 | Average yearly quantity of devaluated sludge | ton/year | 30.365 | 30.365 | 30.365 | 30.365 | 30.365 | 30.365 | 30.365 | 30.365 | 30.365 | 30.365 | 30.365 | 30.365 | 30.365 | 30.365 | 30.365 | 30.365 | |
| 28 | Total costs with sludge disposal | EUR/year | 23.801 | 23.724 | 23.647 | 23.570 | 23.493 | 23.416 | 23.339 | 23.262 | 23.185 | 23.108 | 23.031 | 22.954 | 22.877 | 22.800 | 22.723 | 22.646 | |

SR-ARE FCSM SA - Anexa 14
Operating Costs - "New Project", Cambas

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 1. O&M Cost of Water Supply System | | | | | | | | | | | | | | | | | | |
| 1.1. Raw water cost | 292 631 | 275 181 | 271 732 | 268 283 | 264 834 | 261 385 | 257 936 | 254 487 | 251 038 | 247 589 | 244 140 | 240 691 | 237 242 | 233 793 | 230 344 | 226 895 | 223 446 | 220 000 |
| 1.2. Electricity (related to raw water) | 262 802 | 246 293 | 240 527 | 234 761 | 229 000 | 223 239 | 217 478 | 211 717 | 205 956 | 200 195 | 194 434 | 188 673 | 182 912 | 177 151 | 171 390 | 165 629 | 159 868 | 154 107 |
| 1.3. Maintenance (related to raw water) | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 |
| 1.4. Chemicals (related to raw water) | 243 800 | 230 800 | 217 800 | 204 800 | 191 800 | 178 800 | 165 800 | 152 800 | 139 800 | 126 800 | 113 800 | 100 800 | 87 800 | 74 800 | 61 800 | 48 800 | 35 800 | 22 800 |
| 1.5. Fuel (related to raw water) | 17 900 | 17 900 | 17 900 | 17 900 | 17 900 | 17 900 | 17 900 | 17 900 | 17 900 | 17 900 | 17 900 | 17 900 | 17 900 | 17 900 | 17 900 | 17 900 | 17 900 | 17 900 |
| 1.6. Depreciation (related to raw water) | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 |
| 1.7. Operation (related to raw water) | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 |
| 1.8. Maintenance (related to raw water) | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 |
| 1.9. Total | 1 300 000 | 1 240 000 | 1 180 000 | 1 120 000 | 1 060 000 | 1 000 000 | 940 000 | 880 000 | 820 000 | 760 000 | 700 000 | 640 000 | 580 000 | 520 000 | 460 000 | 400 000 | 340 000 | 280 000 |
| 2. New water supply | | | | | | | | | | | | | | | | | | |
| 2.1. Raw water | 20 000 000 | 20 000 000 | 20 000 000 | 20 000 000 | 20 000 000 | 20 000 000 | 20 000 000 | 20 000 000 | 20 000 000 | 20 000 000 | 20 000 000 | 20 000 000 | 20 000 000 | 20 000 000 | 20 000 000 | 20 000 000 | 20 000 000 | 20 000 000 |
| 2.2. Electricity | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 |
| 2.3. Maintenance | 5 000 000 | 5 000 000 | 5 000 000 | 5 000 000 | 5 000 000 | 5 000 000 | 5 000 000 | 5 000 000 | 5 000 000 | 5 000 000 | 5 000 000 | 5 000 000 | 5 000 000 | 5 000 000 | 5 000 000 | 5 000 000 | 5 000 000 | 5 000 000 |
| 2.4. Chemicals | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 |
| 2.5. Fuel | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 |
| 2.6. Depreciation | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 |
| 2.7. Operation | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 |
| 2.8. Maintenance | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 | 10 000 000 |
| 2.9. Total | 80 000 000 | 80 000 000 | 80 000 000 | 80 000 000 | 80 000 000 | 80 000 000 | 80 000 000 | 80 000 000 | 80 000 000 | 80 000 000 | 80 000 000 | 80 000 000 | 80 000 000 | 80 000 000 | 80 000 000 | 80 000 000 | 80 000 000 | 80 000 000 |

C.R. Apă Bacău S.A. - Annex 1-4

Historical data
2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023

Projection
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023

Operating Costs - "Without Project" - Carboais

| | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Total Cost of Water Supply System | | | | | | | | | | | | | | | |
| Raw water costs | EUR | 457,307 | 391,147 | 367,545 | 328,403 | 323,332 | 332,435 | 335,468 | 338,210 | 349,944 | 343,738 | 345,308 | 348,874 | 351,461 | 354,058 |
| Materials - chemicals (related to existing system) | EUR | 150,262 | 152,298 | 158,880 | | | | | | | | | | | |
| Materials - chemicals (related to measures) | EUR | 341,897 | 342,190 | 346,391 | 121,012 | 122,469 | 125,033 | 130,239 | 133,311 | 138,826 | 140,249 | 143,443 | 146,661 | 149,969 | 153,306 |
| Electricity (related to existing system) | EUR | 536,671 | 465,941 | 472,078 | 257,817 | 265,294 | 274,579 | 285,562 | 298,413 | 313,333 | 325,450 | 335,723 | 345,682 | 355,344 | 364,740 |
| Electricity (related to measures) | EUR | 11,427 | 9,302 | 10,302 | 10,457 | 10,561 | 10,691 | 10,831 | 10,990 | 11,160 | 11,341 | 11,533 | 11,736 | 11,951 | 12,176 |
| Maintenance / repair (related to existing system) | EUR | | | | | | | | | | | | | | |
| Maintenance / repair (related to measures) | EUR | | | | | | | | | | | | | | |
| Depreciation | EUR | 104,373 | 104,373 | 104,373 | 104,373 | 104,373 | 104,373 | 104,373 | 104,373 | 104,373 | 104,373 | 104,373 | 104,373 | 104,373 | 104,373 |
| Concession fee | EUR | 25,443 | 25,443 | 25,443 | 25,443 | 25,443 | 25,443 | 25,443 | 25,443 | 25,443 | 25,443 | 25,443 | 25,443 | 25,443 | 25,443 |
| General Administration | EUR | 673,633 | 687,167 | 700,911 | 355,712 | 359,269 | 362,852 | 366,091 | 370,555 | 373,857 | 377,596 | 381,372 | 385,185 | 389,037 | 392,928 |
| Total | EUR | 889,996 | 2,230,131 | 2,154,656 | 2,165,733 | 1,901,277 | 1,916,717 | 1,931,679 | 1,947,995 | 1,964,718 | 1,972,021 | 1,979,897 | 1,988,347 | 1,996,374 | 2,004,983 |
| Raw water costs | M ³ /year | 34,068,263 | 34,097,480 | 32,863,770 | 11,307,869 | 11,274,841 | 11,465,276 | 11,325,087 | 11,465,444 | 11,580,914 | 11,660,359 | 11,698,778 | 11,807,592 | 12,073,142 | 12,161,443 |
| Average price for raw water | EUR/m ³ | | 0.0134 | 0.0110 | 0.0112 | 0.0114 | 0.0115 | 0.0117 | 0.0118 | 0.0119 | 0.0121 | 0.0122 | 0.0123 | 0.0125 | 0.0127 |
| Total Raw water costs | EUR/year | | 457,307 | 367,545 | 328,403 | 323,332 | 332,435 | 335,468 | 338,210 | 349,944 | 343,738 | 345,308 | 348,874 | 351,461 | 354,058 |
| Materials / chemicals (related to existing system) | EUR/year | 0 | 150,262 | 152,298 | 158,880 | | | | | | | | | | |
| Electricity (related to existing system) | kWh/year | 4,789,260 | 4,793,367 | 4,667,317 | 1,998,541 | 1,984,989 | 1,989,596 | 1,992,062 | 1,991,334 | 1,998,012 | 1,999,000 | 1,999,000 | 1,999,000 | 1,999,000 | 1,999,000 |
| Average energy price | EUR/kWh | | 0.071 | 0.074 | 0.076 | 0.077 | 0.078 | 0.080 | 0.081 | 0.082 | 0.083 | 0.084 | 0.085 | 0.086 | 0.087 |
| Total energy costs | EUR/year | | 341,897 | 342,190 | 343,187 | 153,098 | 153,098 | 156,733 | 156,733 | 158,826 | 160,209 | 161,443 | 162,661 | 163,869 | 165,066 |
| Average unitary energy consumption | kWh/m ³ | 0.14 | 0.14 | 0.14 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| Personnel costs | no | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| Number of personnel for the existing system | no | | | | | | | | | | | | | | |
| Number of personnel for the project | no | | | | | | | | | | | | | | |
| Total number of personnel | no | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| Average monthly gross salaries | EUR/month | 473 | 399 | 403 | 413 | 425 | 440 | 457 | 478 | 502 | 527 | 563 | 591 | 616 | 641 |
| Salaries related taxes paid by the employer | EUR/month | 123 | 120 | 121 | 124 | 128 | 132 | 138 | 144 | 151 | 159 | 166 | 175 | 182 | 191 |
| Total personnel costs | EUR/year | 336,671 | 466,941 | 472,078 | 257,817 | 265,294 | 274,579 | 285,562 | 298,413 | 313,333 | 325,450 | 335,723 | 345,682 | 355,344 | 364,740 |
| Maintenance (related to existing system) | EUR/year | 11,427 | 9,302 | 10,302 | 10,457 | 10,561 | 10,691 | 10,831 | 10,990 | 11,160 | 11,341 | 11,533 | 11,736 | 11,951 | 12,176 |
| Impact of new investments on the maintenance costs of existing systems (%) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Increase of decrease | % | | | | | | | | | | | | | | |
| Maintenance costs (related to existing system) | EUR/year | 11,427 | 9,302 | 10,302 | 10,457 | 10,561 | 10,691 | 10,831 | 10,990 | 11,160 | 11,341 | 11,533 | 11,736 | 11,951 | 12,176 |

C.R. ADI BACAU S.A. - Annex 14

Operating Costs - "Without Project" - Carabota

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|---|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| OKM Cost of Water Supply System | | | | | | | | | | | | | | | | |
| 1 Raw water costs | EUR | 155.534 | 159.022 | 161.536 | 164.077 | 166.647 | 169.243 | 171.874 | 174.536 | 177.232 | 179.955 | 182.706 | 185.487 | 188.288 | 191.103 | 193.938 |
| 2 Materials / chemicals related to existing system | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 Materials / chemicals related to measures | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 Electricity related to existing system | EUR | 155.531 | 159.806 | 163.139 | 166.523 | 169.968 | 173.473 | 177.033 | 180.651 | 184.327 | 188.060 | 191.852 | 195.703 | 199.614 | 203.584 | 212.975 |
| 5 Electricity related to measures | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 Personnel costs | EUR | 433.902 | 443.862 | 453.863 | 463.919 | 474.032 | 484.203 | 494.433 | 504.723 | 515.073 | 525.483 | 535.953 | 546.483 | 557.073 | 567.723 | 578.443 |
| 7 Maintenance / repair (related to existing system) | EUR | 11.782 | 11.901 | 12.022 | 12.145 | 12.271 | 12.400 | 12.531 | 12.664 | 12.800 | 12.938 | 13.079 | 13.222 | 13.367 | 13.514 | 13.663 |
| 8 Maintenance / repair (related to measures) | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 9 Depreciation | EUR | 164.373 | 164.373 | 164.373 | 164.373 | 164.373 | 164.373 | 164.373 | 164.373 | 164.373 | 164.373 | 164.373 | 164.373 | 164.373 | 164.373 | 164.373 |
| 10 Depreciation | EUR | 22.971 | 22.971 | 22.971 | 22.971 | 22.971 | 22.971 | 22.971 | 22.971 | 22.971 | 22.971 | 22.971 | 22.971 | 22.971 | 22.971 | 22.971 |
| 11 General Administration | EUR | 426.852 | 426.852 | 426.852 | 426.852 | 426.852 | 426.852 | 426.852 | 426.852 | 426.852 | 426.852 | 426.852 | 426.852 | 426.852 | 426.852 | 426.852 |
| 12 Total | EUR | 1,286,289 | 1,315,228 | 1,344,242 | 1,373,345 | 1,402,529 | 1,431,792 | 1,461,135 | 1,490,558 | 1,520,061 | 1,549,644 | 1,579,307 | 1,609,050 | 1,638,873 | 1,668,776 | 1,698,759 |
| 13 Raw water costs | EUR/year | 12,331,712 | 12,365,116 | 12,398,516 | 12,431,916 | 12,465,316 | 12,498,716 | 12,532,116 | 12,565,516 | 12,598,916 | 12,632,316 | 12,665,716 | 12,699,116 | 12,732,516 | 12,765,916 | 12,800,000 |
| 14 Raw water costs | EUR/1000 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 |
| 15 Average energy price | EUR/kWh | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 |
| 16 Total EUR water costs | EUR/year | 155.534 | 159.022 | 161.536 | 164.077 | 166.647 | 169.243 | 171.874 | 174.536 | 177.232 | 179.955 | 182.706 | 185.487 | 188.288 | 191.103 | 193.938 |
| 17 Materials / chemicals (related to existing system) | EUR/year | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 Electricity (related to existing system) | EUR/year | 1,119,785 | 1,179,833 | 1,239,881 | 1,299,929 | 1,359,977 | 1,419,025 | 1,478,073 | 1,537,121 | 1,596,169 | 1,655,217 | 1,714,265 | 1,773,313 | 1,832,361 | 1,891,409 | 1,950,457 |
| 19 Total energy consumption | KWh/year | 85,368 | 85,368 | 85,368 | 85,368 | 85,368 | 85,368 | 85,368 | 85,368 | 85,368 | 85,368 | 85,368 | 85,368 | 85,368 | 85,368 | 85,368 |
| 20 Average energy price | EUR/kWh | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 |
| 21 Total energy costs | EUR/year | 155.531 | 159.806 | 163.139 | 166.523 | 169.968 | 173.473 | 177.033 | 180.651 | 184.327 | 188.060 | 191.852 | 195.703 | 199.614 | 203.584 | 212.975 |
| 22 Average unitary energy consumption | kWh/m3 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 23 Personnel costs | no | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 24 Number of personnel for the existing system | no | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 25 Increase/decrease of personnel | no | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 Total number of personnel | no | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 27 Average monthly gross earnings | EUR/month | 830 | 830 | 830 | 830 | 830 | 830 | 830 | 830 | 830 | 830 | 830 | 830 | 830 | 830 | 830 |
| 28 Salaries related taxes paid by the employee | EUR/month | 166 | 166 | 166 | 166 | 166 | 166 | 166 | 166 | 166 | 166 | 166 | 166 | 166 | 166 | 166 |
| 29 Total personnel costs | EUR/year | 433,902 | 443,862 | 453,863 | 463,919 | 474,032 | 484,203 | 494,433 | 504,723 | 515,073 | 525,483 | 535,953 | 546,483 | 557,073 | 567,723 | 578,443 |
| 30 Maintenance (related to existing system) | EUR/year | 11,782 | 11,901 | 12,022 | 12,145 | 12,271 | 12,400 | 12,531 | 12,664 | 12,800 | 12,938 | 13,079 | 13,222 | 13,367 | 13,514 | 13,663 |
| 31 Impact of new investment on the maintenance costs of existing systems (% increase or decrease) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 32 Maintenance costs (related to existing system) | EUR/year | 11,783 | 11,901 | 12,009 | 12,140 | 12,281 | 12,394 | 12,508 | 12,633 | 12,759 | 12,887 | 13,015 | 13,146 | 13,277 | 13,410 | 13,544 |

Operating Costs - With Project - Others

| | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | | | | | | | | | | | | | | | |
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C.R. Apa Ecologică - Annex 14

| Historical data | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| ►►► Projection ►►► | | | | | | | | | | | | | | | | |

Operating Costs - "With Project" - Others

| Item | Unit | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---|----------------------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| OGM Cost of Wastewater System | | | | | | | | | | | | | | | | | |
| 1 | Materials / chemicals (related to existing system) | EUR | | | | | | | | | | | | | | | |
| 2 | Materials / chemicals (related to measure) | EUR | | | | | | | | | | | | | | | |
| 3 | Electricity (related to existing system) | EUR | | | | | | | | | | | | | | | |
| 4 | Electricity (related to measure) | EUR | | | | | | | | | | | | | | | |
| 5 | Personnel costs | EUR | | | | | | | | | | | | | | | |
| 6 | Maintenance / repair (related to existing system) | EUR | | | | | | | | | | | | | | | |
| 7 | Maintenance / repair (related to measure) | EUR | | | | | | | | | | | | | | | |
| 8 | Devaluated sludge disposal | EUR | | | | | | | | | | | | | | | |
| 9 | Depreciation | EUR | | | | | | | | | | | | | | | |
| 10 | Concession fee | EUR | | | | | | | | | | | | | | | |
| 11 | General Administration | EUR | | | | | | | | | | | | | | | |
| 12 | Total | EUR | | | | | | | | | | | | | | | |
| Materials / chemicals (related to existing system) | | | | | | | | | | | | | | | | | |
| 13 | Materials / chemicals (related to existing system) | EUR/year | 0 | 0 | | | | | | | | | | | | | |
| Materials / chemicals (related to measure) | | | | | | | | | | | | | | | | | |
| 14 | Ferric sulphate | EUR/year | | | | | | | | | | | | | | | |
| 15 | Average dose | g/m ³ | | | | | | | | | | | | | | | |
| 16 | Unit cost | EUR/g | | | | | | | | | | | | | | | |
| 17 | Wastewater quantity | M ³ /year | | | | | | | | | | | | | | | |
| 18 | Polymer | EUR/year | | | | | | | | | | | | | | | |
| 19 | Average dose | g/d | | | | | | | | | | | | | | | |
| 20 | Unit cost | EUR/g | | | | | | | | | | | | | | | |
| 21 | Yearly sludge volume | M ³ /year | | | | | | | | | | | | | | | |
| 22 | Consumables (paper, toner, etc.) | EUR/year | | | | | | | | | | | | | | | |
| 23 | Chemicals and reagents for laboratory | EUR/year | | | | | | | | | | | | | | | |
| 24 | Consumables (paper, toner, etc.) | EUR/year | | | | | | | | | | | | | | | |
| 25 | Total materials / chemicals costs (related to measure) | EUR/year | | | | | | | | | | | | | | | |
| Electricity (related to existing system) | | | | | | | | | | | | | | | | | |
| 26 | Electricity (related to existing system) | kWh/year | 0 | 0 | | | | | | | | | | | | | |
| 27 | Total energy consumption | EUR/year | 0.000 | 0.000 | | | | | | | | | | | | | |
| 28 | Average energy price | RON/year | | | | | | | | | | | | | | | |
| 29 | Total energy costs | EUR/year | | | | | | | | | | | | | | | |
| Electricity (related to measure) | | | | | | | | | | | | | | | | | |
| 30 | Total energy consumption | kWh/year | | | | | | | | | | | | | | | |
| 31 | Average energy price | EUR/kWh | | | | | | | | | | | | | | | |
| 32 | Total energy costs | EUR/year | | | | | | | | | | | | | | | |
| 33 | Average unitary energy consumption | kWh/m ³ | | | | | | | | | | | | | | | |
| Personnel costs | | | | | | | | | | | | | | | | | |
| 34 | Personnel costs | no | 0 | 0 | | | | | | | | | | | | | |
| 35 | Number of personnel for the existing system | no | | | | | | | | | | | | | | | |
| 36 | Increment/decrement of personnel as result of measure | no | | | | | | | | | | | | | | | |
| 37 | Total number of personnel | no | | | | | | | | | | | | | | | |
| 38 | Average monthly gross salaries | EUR/month | | | | | | | | | | | | | | | |
| 39 | Salaries of staff (gross) paid by the employer | EUR/month | | | | | | | | | | | | | | | |
| 40 | Total personnel costs | EUR/year | | | | | | | | | | | | | | | |
| Maintenance (related to existing system) | | | | | | | | | | | | | | | | | |
| 41 | Impact of investments on the maintenance costs of existing systems (%) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 42 | Increment/decrement | EUR/year | | | | | | | | | | | | | | | |
| 43 | Maintenance costs (related to existing system) | EUR/year | | | | | | | | | | | | | | | |
| Maintenance / repair (related to measure) | | | | | | | | | | | | | | | | | |
| 44 | Percentage of maintenance costs in total investment costs (plant and machinery) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 45 | Percentage of maintenance costs in total investment costs (man work) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 46 | Percentage of maintenance costs (related to measure) | EUR/year | | | | | | | | | | | | | | | |
| 47 | Increment/decrement | EUR/year | | | | | | | | | | | | | | | |
| 48 | Devaluated sludge disposal | EUR/ton | | | | | | | | | | | | | | | |
| 49 | Average unit cost of devaluated sludge disposal | EUR/ton | | | | | | | | | | | | | | | |
| 50 | Average yearly quantity of devaluated sludge | EUR/year | | | | | | | | | | | | | | | |
| 51 | Total costs with sludge disposal | EUR/year | | | | | | | | | | | | | | | |

G.R. Apa Bacau S.A. - Annex 14

| | | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | |
|---|--|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Operating Costs - "With Project" - Others | | | | | | | | | | | | | | | | | | |
| 1 | O&M Cost of Wastewater System | EUR | | | | | | | | | | | | | | | | |
| 2 | Maintenance / chemicals (related to existing system) | EUR | | | | | | | | | | | | | | | | |
| 3 | Maintenance / chemicals (related to measure) | EUR | | | | | | | | | | | | | | | | |
| 4 | Electricity (related to existing system) | EUR | | | | | | | | | | | | | | | | |
| 5 | Electricity (related to measure) | EUR | | | | | | | | | | | | | | | | |
| 6 | Personnel costs | EUR | | | | | | | | | | | | | | | | |
| 7 | Maintenance / repair (related to existing system) | EUR | | | | | | | | | | | | | | | | |
| 8 | Maintenance / repair (related to measure) | EUR | | | | | | | | | | | | | | | | |
| 9 | Deactivated sludge disposal | EUR | | | | | | | | | | | | | | | | |
| 10 | Depreciation | EUR | | | | | | | | | | | | | | | | |
| 11 | Concession fee | EUR | | | | | | | | | | | | | | | | |
| 12 | General Administration | EUR | | | | | | | | | | | | | | | | |
| 13 | Maintenance / chemicals (related to existing system) | EUR/year | | | | | | | | | | | | | | | | |
| 14 | Maintenance / chemicals (related to measure) | EUR/year | | | | | | | | | | | | | | | | |
| 15 | Firm sludge | gms3 | | | | | | | | | | | | | | | | |
| 16 | Average force | gms3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 17 | Unit cost | EUR/g | | | | | | | | | | | | | | | | |
| 18 | Wastewater quantity | M ³ /year | | | | | | | | | | | | | | | | |
| 19 | Polymer | EUR/year | | | | | | | | | | | | | | | | |
| 20 | Average cost | gms3 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 21 | Unit cost | EUR/g | | | | | | | | | | | | | | | | |
| 22 | Firmly sludge volume | M ³ /year | | | | | | | | | | | | | | | | |
| 23 | Chemicals and reagents for aeration | EUR/year | | | | | | | | | | | | | | | | |
| 24 | Consumables (paper, fuel, etc.) | EUR/year | | | | | | | | | | | | | | | | |
| 25 | Total materials / chemicals costs (related to measure) | EUR/year | | | | | | | | | | | | | | | | |
| 26 | Electricity (related to existing system) | KWh/year | | | | | | | | | | | | | | | | |
| 27 | Total energy consumption | KWh/year | | | | | | | | | | | | | | | | |
| 28 | Average energy price | EUR/year | | | | | | | | | | | | | | | | |
| 29 | Total energy costs | RON/year | | | | | | | | | | | | | | | | |
| 30 | Electricity (related to measure) | KWh/year | | | | | | | | | | | | | | | | |
| 31 | Total energy consumption | KWh/year | | | | | | | | | | | | | | | | |
| 32 | Average energy price | EUR/year | | | | | | | | | | | | | | | | |
| 33 | Total energy costs | EUR/year | | | | | | | | | | | | | | | | |
| 34 | Average unitary energy consumption | Kwh/m ³ | | | | | | | | | | | | | | | | |
| 35 | Personnel costs | no | | | | | | | | | | | | | | | | |
| 36 | Number of personnel for the existing system | no | | | | | | | | | | | | | | | | |
| 37 | Increased/decrease of personnel as result of measure | no | | | | | | | | | | | | | | | | |
| 38 | Total number of personnel | no | | | | | | | | | | | | | | | | |
| 39 | Average monthly gross salary | Euro/month | | | | | | | | | | | | | | | | |
| 40 | Salaries related taxes paid by the employer | Euro/month | | | | | | | | | | | | | | | | |
| 41 | Total personnel costs | EUR/year | | | | | | | | | | | | | | | | |
| 42 | Maintenance (related to existing system) | EUR/year | | | | | | | | | | | | | | | | |
| 43 | Impact of investments on the maintenance costs of existing system (% increase or decrease) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 44 | Maintenance cost (related to existing system) | EUR/year | | | | | | | | | | | | | | | | |
| 45 | Maintenance / repair (related to measure) | % | 3.00% | 3.00% | 3.00% | 3.00% | 3.00% | 3.00% | 3.00% | 3.00% | 3.00% | 3.00% | 3.00% | 3.00% | 3.00% | 3.00% | 3.00% | 3.00% |
| 46 | Percentage of maintenance costs in total investment costs (man and materials) | % | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% | 1.00% |
| 47 | Percentage of maintenance costs in total investment costs (man works) | % | | | | | | | | | | | | | | | | |
| 48 | Maintenance cost (related to measure) | EUR/year | | | | | | | | | | | | | | | | |
| 49 | Deactivated sludge disposal | EUR/ton | | | | | | | | | | | | | | | | |
| 50 | Average unit cost of deactivated sludge disposal | EUR/ton | | | | | | | | | | | | | | | | |
| 51 | Average yearly quantity of deactivated sludge | EUR/year | | | | | | | | | | | | | | | | |
| 52 | Total costs with sludge disposal | EUR/year | | | | | | | | | | | | | | | | |

C.R. Apa Bacau S.A. - Annex 14

| | | ►►► Projection ►►► | | | | | | | | | | | | | | | |
|--|--|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |

Operating Costs - "Without Project" - Others

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| OGM Cost of Water Supply System | | | | | | | | | | | | | | | | |
| 1 Raw water costs | 10,557 | 7,555 | 7,024 | 3,305 | 3,446 | 3,481 | 3,515 | 3,551 | 3,586 | 3,622 | 3,658 | 3,695 | 3,732 | 3,769 | 3,807 | 3,845 |
| 2 Materials / chemicals (related to existing system) | 3,746 | 3,283 | 3,223 | 3,305 | 3,446 | 3,481 | 3,515 | 3,551 | 3,586 | 3,622 | 3,658 | 3,695 | 3,732 | 3,769 | 3,807 | 3,845 |
| 3 Materials / chemicals (related to measures) | | | | | | | | | | | | | | | | |
| 4 Electricity (related to existing system) | 5,594 | 4,847 | 4,535 | 4,544 | 4,373 | 4,545 | 4,503 | 4,600 | 4,696 | 4,792 | 4,888 | 4,987 | 5,083 | 5,180 | 5,279 | 5,379 |
| 5 Electricity (related to measures) | | | | | | | | | | | | | | | | |
| 6 Personnel costs | 83,433 | 72,296 | 72,296 | 72,092 | 74,846 | 77,016 | 79,712 | 82,901 | 86,631 | 90,953 | 95,511 | 100,286 | 105,304 | 108,934 | 114,771 | 119,821 |
| 7 Maintenance / repair (related to existing system) | 28,903 | 25,045 | 25,545 | 26,051 | 26,446 | 26,712 | 26,918 | 27,149 | 27,322 | 27,597 | 28,075 | 28,356 | 28,638 | 28,926 | 29,215 | 29,507 |
| 8 Maintenance / repair (related to measures) | | | | | | | | | | | | | | | | |
| 9 Depreciation | 10,325 | 8,947 | 8,947 | 8,947 | 8,947 | 8,947 | 8,947 | 8,947 | 8,947 | 8,947 | 8,947 | 8,947 | 8,947 | 8,947 | 8,947 | 8,947 |
| 10 Concession fee | | | | | | | | | | | | | | | | |
| 11 General Administration | 53,457 | 46,300 | 47,256 | 46,202 | 46,925 | 46,414 | 49,038 | 50,407 | 50,811 | 51,420 | 51,934 | 52,454 | 52,978 | 53,508 | 54,043 | 54,584 |
| 12 Total | 196,046 | 168,235 | 166,935 | 164,231 | 167,164 | 170,115 | 173,962 | 177,655 | 182,233 | 187,540 | 193,013 | 198,724 | 204,580 | 210,264 | 216,061 | 222,002 |
| 13 Raw water costs | 713,353 | 708,925 | 650,353 | 630,792 | 632,284 | 622,215 | 611,416 | 618,286 | 625,865 | 631,425 | 637,710 | 644,105 | 650,097 | 655,979 | 661,842 | 667,651 |
| 14 Raw water quantity | 0,9148 | 0,9106 | 0,9108 | | | | | | | | | | | | | |
| 15 Average price for raw water | 10,557 | 7,906 | 7,024 | | | | | | | | | | | | | |
| 16 Total raw water costs | | | | | | | | | | | | | | | | |
| 17 Materials / chemicals (related to existing system) | 3,765 | 3,283 | 3,229 | 3,395 | 3,446 | 3,481 | 3,515 | 3,551 | 3,586 | 3,622 | 3,658 | 3,695 | 3,732 | 3,768 | 3,807 | 3,845 |
| 18 Electricity (related to existing system) | | | | | | | | | | | | | | | | |
| 19 Total energy consumption | 51,380 | 51,360 | 47,120 | 46,279 | 45,880 | 45,151 | 44,296 | 44,801 | 45,285 | 45,745 | 45,201 | 45,631 | 47,068 | 47,524 | 47,949 | 48,373 |
| 20 Average energy price | 0,109 | 0,084 | 0,086 | 0,098 | 0,100 | 0,102 | 0,103 | 0,104 | 0,105 | 0,106 | 0,107 | 0,107 | 0,108 | 0,109 | 0,110 | 0,111 |
| 21 Total energy costs | 5,594 | 4,847 | 4,536 | 4,544 | 4,573 | 4,545 | 4,593 | 4,600 | 4,696 | 4,792 | 4,888 | 4,987 | 5,083 | 5,180 | 5,279 | 5,379 |
| 22 Average unitary energy consumption | 0,07 | 0,07 | 0,07 | 0,07 | 0,07 | 0,07 | 0,07 | 0,07 | 0,07 | 0,07 | 0,07 | 0,07 | 0,07 | 0,07 | 0,07 | 0,07 |
| 23 Personnel costs | | | | | | | | | | | | | | | | |
| 24 Number of personnel for the existing system | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 25 Increase/decrease of personnel | | | | | | | | | | | | | | | | |
| 26 Total number of personnel | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 27 Average monthly gross salaries | 364 | 315 | 315 | 319 | 326 | 336 | 348 | 352 | 378 | 387 | 417 | 427 | 457 | 473 | 501 | 520 |
| 28 Salaries related taxes paid by the employer | 100 | 86 | 86 | 87 | 89 | 92 | 95 | 98 | 102 | 105 | 114 | 120 | 126 | 131 | 137 | 143 |
| 29 Total personnel costs | 83,433 | 72,296 | 72,296 | 72,092 | 74,846 | 77,016 | 79,712 | 82,901 | 86,631 | 90,953 | 95,511 | 100,286 | 105,304 | 108,934 | 114,771 | 119,821 |
| 30 Maintenance (related to existing system) | 28,903 | 25,045 | 25,545 | 26,051 | 26,446 | 26,712 | 26,918 | 27,149 | 27,322 | 27,597 | 28,075 | 28,356 | 28,638 | 28,926 | 29,215 | 29,507 |
| Impact of new investments on the maintenance costs of existing systems % | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% | 0,0% |
| 31 Increase or decrease | | | | | | | | | | | | | | | | |
| 32 Maintenance costs (related to existing system) | 26,903 | 25,045 | 25,545 | 26,051 | 26,446 | 26,712 | 26,918 | 27,149 | 27,322 | 27,597 | 28,075 | 28,356 | 28,638 | 28,926 | 29,215 | 29,507 |

C.S.R. Apa Bicaeu S.A. - Annex 1-4

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Operating Costs - "Without Project" - Others

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|--|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| O&M Cost of Water Supply System | | | | | | | | | | | | | | | | |
| 1 Raw water costs | EUR | 3 882 | 3 922 | 3 961 | 4 001 | 4 041 | 4 122 | 4 163 | 4 205 | 4 247 | 4 289 | 4 332 | 4 376 | 4 419 | 4 462 | 4 506 |
| 2 Materials / chemicals (related to existing system) | EUR | 5 480 | 5 483 | 5 487 | 5 490 | 5 493 | 5 500 | 5 503 | 5 508 | 5 514 | 5 520 | 5 527 | 5 534 | 5 541 | 5 548 | 5 555 |
| 3 Materials / chemicals (related to measures) | EUR | 125 093 | 130 597 | 136 343 | 142 342 | 148 605 | 155 144 | 161 970 | 169 087 | 176 507 | 184 305 | 192 414 | 200 861 | 209 679 | 218 847 | 228 358 |
| 4 Electricity (related to existing system) | EUR | 29 892 | 30 100 | 30 401 | 30 705 | 31 012 | 31 322 | 31 635 | 31 952 | 32 271 | 32 594 | 32 920 | 33 250 | 33 582 | 33 916 | 34 253 |
| 5 Electricity (related to measures) | EUR | 8 947 | 8 947 | 8 947 | 8 947 | 8 947 | 8 947 | 8 947 | 8 947 | 8 947 | 8 947 | 8 947 | 8 947 | 8 947 | 8 947 | 8 947 |
| 6 Personnel costs | EUR | 55 139 | 55 081 | 55 023 | 54 965 | 54 907 | 54 850 | 54 792 | 54 734 | 54 676 | 54 618 | 54 560 | 54 502 | 54 444 | 54 386 | 54 328 |
| 7 Maintenance / repair (related to existing system) | EUR | 228 335 | 224 639 | 221 071 | 217 588 | 214 144 | 210 726 | 207 332 | 203 961 | 200 613 | 197 288 | 193 986 | 190 706 | 187 447 | 184 208 | 180 989 |
| 8 Maintenance / repair (related to measures) | EUR | 8 947 | 8 947 | 8 947 | 8 947 | 8 947 | 8 947 | 8 947 | 8 947 | 8 947 | 8 947 | 8 947 | 8 947 | 8 947 | 8 947 | 8 947 |
| 9 Depreciation | EUR | 55 139 | 55 081 | 55 023 | 54 965 | 54 907 | 54 850 | 54 792 | 54 734 | 54 676 | 54 618 | 54 560 | 54 502 | 54 444 | 54 386 | 54 328 |
| 10 Concession fee | EUR | 228 335 | 224 639 | 221 071 | 217 588 | 214 144 | 210 726 | 207 332 | 203 961 | 200 613 | 197 288 | 193 986 | 190 706 | 187 447 | 184 208 | 180 989 |
| 11 General Administration | EUR | 228 335 | 224 639 | 221 071 | 217 588 | 214 144 | 210 726 | 207 332 | 203 961 | 200 613 | 197 288 | 193 986 | 190 706 | 187 447 | 184 208 | 180 989 |
| 12 Total | EUR | 673 526 | 679 355 | 685 193 | 691 038 | 696 895 | 702 767 | 708 656 | 714 560 | 720 520 | 726 475 | 732 475 | 738 392 | 744 331 | 750 296 | 757 320 |
| 13 Raw water costs | M/year | 673 526 | 679 355 | 685 193 | 691 038 | 696 895 | 702 767 | 708 656 | 714 560 | 720 520 | 726 475 | 732 475 | 738 392 | 744 331 | 750 296 | 757 320 |
| 14 Raw water costs | EUR/03 | 673 526 | 679 355 | 685 193 | 691 038 | 696 895 | 702 767 | 708 656 | 714 560 | 720 520 | 726 475 | 732 475 | 738 392 | 744 331 | 750 296 | 757 320 |
| 15 Average price for raw water | EUR/year | 673 526 | 679 355 | 685 193 | 691 038 | 696 895 | 702 767 | 708 656 | 714 560 | 720 520 | 726 475 | 732 475 | 738 392 | 744 331 | 750 296 | 757 320 |
| 16 Total raw water costs | EUR/year | 673 526 | 679 355 | 685 193 | 691 038 | 696 895 | 702 767 | 708 656 | 714 560 | 720 520 | 726 475 | 732 475 | 738 392 | 744 331 | 750 296 | 757 320 |
| 17 Materials / chemicals (related to existing system) | EUR/year | 3 882 | 3 922 | 3 961 | 4 001 | 4 041 | 4 081 | 4 122 | 4 163 | 4 205 | 4 247 | 4 289 | 4 332 | 4 376 | 4 419 | 4 462 |
| 18 Electricity (related to existing system) | kWh/year | 48 796 | 49 218 | 49 641 | 50 064 | 50 489 | 50 914 | 51 341 | 51 772 | 52 200 | 52 632 | 53 064 | 53 496 | 53 926 | 54 355 | 54 787 |
| 19 Total energy consumption | EUR/kWh | 0 112 | 0 113 | 0 115 | 0 116 | 0 117 | 0 118 | 0 119 | 0 120 | 0 121 | 0 122 | 0 123 | 0 124 | 0 125 | 0 126 | 0 127 |
| 20 Average energy price | EUR/year | 5 480 | 5 483 | 5 487 | 5 490 | 5 493 | 5 496 | 5 499 | 5 502 | 5 505 | 5 508 | 5 511 | 5 514 | 5 517 | 5 520 | 5 523 |
| 21 Total energy costs | EUR/year | 0 07 | 0 07 | 0 07 | 0 07 | 0 07 | 0 07 | 0 07 | 0 07 | 0 07 | 0 07 | 0 07 | 0 07 | 0 07 | 0 07 | 0 07 |
| 22 Average unitary energy consumption | kWh/m3 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 23 Personnel costs | no | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 24 Number of personnel for the existing system | no | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 25 Increase/decrease of personnel | no | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 26 Total number of personnel | EUR/month | 548 | 548 | 548 | 548 | 548 | 548 | 548 | 548 | 548 | 548 | 548 | 548 | 548 | 548 | 548 |
| 27 Average monthly gross salaries | EUR/month | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 |
| 28 Salaries related taxes paid by the employee | EUR/year | 125 093 | 130 597 | 136 343 | 142 342 | 148 605 | 155 144 | 161 970 | 169 087 | 176 507 | 184 305 | 192 414 | 200 861 | 209 679 | 218 847 | 228 358 |
| 29 Total personnel Costs | EUR/year | 25 802 | 26 000 | 26 201 | 26 401 | 26 605 | 26 812 | 27 020 | 27 231 | 27 444 | 27 659 | 27 876 | 28 094 | 28 314 | 28 536 | 28 760 |
| 30 Maintenance (related to existing system) | EUR/year | 228 335 | 224 639 | 221 071 | 217 588 | 214 144 | 210 726 | 207 332 | 203 961 | 200 613 | 197 288 | 193 986 | 190 706 | 187 447 | 184 208 | 180 989 |
| 31 Impact of raw investments on the maintenance costs of existing systems (% increase or decrease) | % | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% |
| 32 Maintenance costs (related to existing system) | EUR/year | 228 335 | 224 639 | 221 071 | 217 588 | 214 144 | 210 726 | 207 332 | 203 961 | 200 613 | 197 288 | 193 986 | 190 706 | 187 447 | 184 208 | 180 989 |
| 33 Total | EUR/year | 673 526 | 679 355 | 685 193 | 691 038 | 696 895 | 702 767 | 708 656 | 714 560 | 720 520 | 726 475 | 732 475 | 738 392 | 744 331 | 750 296 | 757 320 |

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| Historical data | | Projection | | | | | | | | | | | | | | |
|-----------------|--|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2008 | | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |

Operating Costs - "Without Project" - Others

| | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Operating Costs of Wastewater System | | | | | | | | | | | | | | | | |
| 1 | Materials / chemicals (related to existing system) | EUR | | | | | | | | | | | | | | |
| 2 | Materials / consumables (related to measures) | EUR | | | | | | | | | | | | | | |
| 3 | Electricity (related to existing system) | EUR | | | | | | | | | | | | | | |
| 4 | Electricity (related to measures) | EUR | | | | | | | | | | | | | | |
| 5 | Personnel costs | EUR | | | | | | | | | | | | | | |
| 6 | Maintenance / repair (related to existing system) | EUR | | | | | | | | | | | | | | |
| 7 | Maintenance / repair (related to measures) | EUR | | | | | | | | | | | | | | |
| 8 | Devalued sludge disposal | EUR | | | | | | | | | | | | | | |
| 9 | Depreciation | EUR | | | | | | | | | | | | | | |
| 10 | Concession fee | EUR | | | | | | | | | | | | | | |
| 11 | General Administration | EUR | | | | | | | | | | | | | | |
| 12 | Total | EUR | | | | | | | | | | | | | | |
| 13 | Materials / chemicals (related to existing system) | EUR/year | 0 | 0 | | | | | | | | | | | | |
| 14 | Electricity (related to existing system) | Kwh/year | | | | | | | | | | | | | | |
| 15 | Total energy consumption | EUR/year | 0.00 | 0.00 | | | | | | | | | | | | |
| 16 | Average energy price | EUR/kwh | | | | | | | | | | | | | | |
| 17 | Total energy costs | EUR/year | | | | | | | | | | | | | | |
| 18 | Average unitary energy consumption | Kwh/m3 | | | | | | | | | | | | | | |
| 19 | Personnel costs | no | | | | | | | | | | | | | | |
| 20 | Number of personnel for the existing system | no | | | | | | | | | | | | | | |
| 21 | Increase/decrease of personnel as result of measure | no | | | | | | | | | | | | | | |
| 22 | Total number of personnel | no | | | | | | | | | | | | | | |
| 23 | Average monthly gross salaries | EUR/month | | | | | | | | | | | | | | |
| 24 | Salaries related taxes paid by the employer | EUR/month | | | | | | | | | | | | | | |
| 25 | Total personnel costs | EUR/year | | | | | | | | | | | | | | |
| 26 | Maintenance (related to existing system) | EUR/year | | | | | | | | | | | | | | |
| | Impact of new investments on the maintenance costs of existing systems (% increase or decrease) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 27 | Maintenance costs (related to existing system) | EUR/year | | | | | | | | | | | | | | |
| 28 | Devalued sludge disposal | EUR/year | | | | | | | | | | | | | | |
| | Average unit cost of devalued sludge disposal | EUR/ton | | | | | | | | | | | | | | |
| | Average Yearly quantity of devalued sludge | ton/year | | | | | | | | | | | | | | |
| | Total costs with sludge disposal | EUR/year | | | | | | | | | | | | | | |

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| | 2024 | 2025 | 2025 | 2025 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Operating Costs - "Without Project" - Others

| | 2024 | 2025 | 2025 | 2025 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|--|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| OSM Cost of Wastewater System | | | | | | | | | | | | | | | | | | | |
| 1 Materials / chemicals (related to existing system) | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 Materials / chemicals (related to measures) | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 Electricity (related to existing system) | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 Electricity (related to measures) | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5 Personnel costs | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 Maintenance / repair (related to existing system) | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7 Maintenance / repair (related to measures) | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 Depreciated sludge disposal | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 9 Depreciation | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 10 Concession fee | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11 General Administration | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12 Total | EUR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 13 Materials / chemicals (related to existing system) | EUR/year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 14 Electricity (related to existing system) | kWh/year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 15 Total energy consumption | kWh/year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 16 Average energy price | EUR/kWh | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 17 Total energy costs | EUR/year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 18 Average unitary energy consumption | kWh/m3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 19 Personnel costs | no | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 20 Number of personnel for the existing system | no | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 21 Increase/decrease of personnel as result of measure | no | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 22 Total number of personnel | no | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 23 Average monthly gross salaries | EUR/month | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 Salaries related taxes paid by the employer | EUR/year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 25 Total personnel costs | EUR/year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 26 Maintenance (related to existing system) | EUR/year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 27 Impact of new investments on the maintenance costs of existing systems (% increase or decrease) | % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 28 Maintenance costs (related to existing system) | EUR/year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Deposited sludge disposal | RON/ton | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Average unit cost of deposited sludge disposal | RON/ton | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Average yearly quantity of deposited sludge | ton/year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total costs with sludge disposal | EUR/year | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

| | | ►►► Projection ►►► | | | | | | | | | | | | 2023 | | | | |
|--|--|--------------------|---------|-------|-------|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Total | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
| A. Water supply system | | | | | | | | | | | | | | | | | | |
| 1 | Land | Mill. Euro | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 2 | Planning / design | Mill. Euro | 0.019 | 0.000 | 0.000 | 0.001 | 0.031 | 0.032 | 0.018 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 3 | Site preparation | Mill. Euro | 0.019 | 0.000 | 0.000 | 0.000 | 0.007 | 0.008 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 4 | Man works | Mill. Euro | 2.389 | 0.000 | 0.000 | 0.000 | 0.924 | 0.948 | 0.474 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 5 | Plant and machinery | Mill. Euro | 3.248 | 0.000 | 0.000 | 0.000 | 1.287 | 1.300 | 0.653 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 6 | Non-eligible Costs - Water | Mill. Euro | 0.100 | 0.000 | 0.000 | 0.001 | 0.039 | 0.040 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 7 | T.A.& Training | Mill. Euro | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 8 | Public Relation | Mill. Euro | 0.011 | 0.000 | 0.000 | 0.000 | 0.004 | 0.005 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 9 | Contingencies | Mill. Euro | 3.451 | 0.000 | 0.000 | 0.000 | 0.176 | 0.180 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 10 | Total water supply system | Mill. Euro | 10.044 | 0.000 | 0.000 | 0.001 | 0.241 | 0.242 | 0.221 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | Mill. Euro | 6.512 | 0.000 | 0.000 | 0.000 | 2.540 | 2.600 | 1.302 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| B. Wastewater system | | | | | | | | | | | | | | | | | | |
| 1 | Land | Mill. Euro | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 2 | Planning / design | Mill. Euro | 0.170 | 0.000 | 0.000 | 0.000 | 0.050 | 0.046 | 0.024 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 3 | Site preparation | Mill. Euro | 0.170 | 0.000 | 0.000 | 0.000 | 0.050 | 0.046 | 0.024 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 4 | Man works | Mill. Euro | 61.525 | 0.000 | 0.000 | 0.000 | 24.034 | 24.650 | 12.323 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 5 | Plant and machinery | Mill. Euro | 19.436 | 0.000 | 0.000 | 0.000 | 7.603 | 7.758 | 3.859 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 6 | T.A.& Training | Mill. Euro | 2.107 | 0.000 | 0.000 | 0.000 | 0.822 | 0.843 | 0.421 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 7 | Substation | Mill. Euro | 3.490 | 0.000 | 0.000 | 0.000 | 0.035 | 1.361 | 0.848 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 8 | Public Relation | Mill. Euro | 0.305 | 0.000 | 0.000 | 0.000 | 0.119 | 0.122 | 0.051 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 9 | Contingencies | Mill. Euro | 1.150 | 0.000 | 0.000 | 0.000 | 0.071 | 0.072 | 0.283 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 10 | Total wastewater system | Mill. Euro | 86.774 | 0.000 | 0.000 | 0.000 | 28.672 | 29.510 | 15.216 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | Mill. Euro | 105.237 | 0.000 | 0.000 | 1.003 | 41.062 | 42.116 | 21.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| C. Total water & wastewater system | | | | | | | | | | | | | | | | | | |
| | - of which contingencies | Mill. Euro | 7.583 | 0.000 | 0.000 | 0.019 | 2.957 | 3.033 | 1.517 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | - of which contingencies | % | 7.2% | | | | | | | | | | | | | | | |
| D. Replacement cost and additional investment cost required | | | | | | | | | | | | | | | | | | |
| | Replacement Cost - Water | Mill. Euro | 3.248 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | Replacement Cost - Wastewater | Mill. Euro | 19.436 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | Non-eligible Costs - Water | Mill. Euro | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | Non-eligible Costs - Wastewater | Mill. Euro | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | Replacement & additional inv.cost | Mill. Euro | 22.748 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| E. Residual value calculation | | | | | | | | | | | | | | | | | | |
| 1 | Initial investments | Mill. Euro | 63.364 | 0.000 | 0.000 | 0.540 | 24.958 | 25.568 | 17.746 | | | | | | | | | |
| 2 | Man works | Mill. Euro | 27.745 | 0.000 | 0.000 | 0.000 | 8.970 | 9.098 | 4.545 | | | | | | | | | |
| 3 | Plant and machinery | Mill. Euro | 27.745 | 0.000 | 0.000 | 0.000 | 8.970 | 9.098 | 4.545 | | | | | | | | | |
| 4 | Depreciation | Mill. Euro | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 5 | Man works | Mill. Euro | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 6 | Plant and machinery | Mill. Euro | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 7 | Residual value initial investment, out of which: | Mill. Euro | 21.118 | 0.000 | 0.000 | 0.887 | 34.895 | 35.931 | 24.248 | | | | | | | | | |
| 8 | Man works | Mill. Euro | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 9 | Plant and machinery | Mill. Euro | 21.118 | 0.000 | 0.000 | 0.887 | 34.895 | 35.931 | 24.248 | | | | | | | | | |
| 10 | Replacement investment - Plant and machinery | Mill. Euro | 27.745 | 0.000 | 0.000 | 0.000 | 9.098 | 9.396 | 4.545 | | | | | | | | | |
| 11 | Depreciation - Plant and machinery | Mill. Euro | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 12 | Residual replacement investments | Mill. Euro | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 13 | Total residual value | Mill. Euro | 21.118 | | | | | | | | | | | | | | | |

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Investment cost - (EUR real terms)

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 |
|--|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| A. Water supply system | | | | | | | | | | | | | | | | |
| 1 Land | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 2 Planning / design | 0.073 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 3 Site preparation | 0.019 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 4 Man works | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 5 Plant and machinery | 3.249 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 6 TA & Training | 0.131 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 7 Supervision | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 8 Public Relation | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 9 Contingencies | 0.451 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 10 Taxonomic fees | 0.104 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 10 Total water supply system | 8.974 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| B. Wastewater system | | | | | | | | | | | | | | | | |
| 1 Land | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 2 Planning / design | 2.118 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 3 Site preparation | 0.528 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 4 Man works | 81.822 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 5 Plant and machinery | 19.496 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 6 TA & Training | 2.107 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 7 Supervision | 3.490 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 8 Public Relation | 0.305 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 9 Contingencies | 7.132 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 10 Taxonomic fees | 1.994 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 10 Total wastewater system | 88.774 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| C. Total water & wastewater system | | | | | | | | | | | | | | | | |
| Total water & wastewater system | 105.257 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| of which contingencies | 7.583 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| of which contingencies | 7.2% | | | | | | | | | | | | | | | |
| D. Replacement cost and additional investment cost required | | | | | | | | | | | | | | | | |
| Replacement Cost - Water | 3.249 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Replacement Cost - Wastewater | 19.496 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Non-eligible Costs - Water | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Non-eligible Costs - Wastewater | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Replacement & additional inv. cost | 22.745 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Depreciation (RON-nominal terms) / residual value (EUR-real terms): | | | | | | | | | | | | | | | | |
| E. Residual value calculation | | | | | | | | | | | | | | | | |
| 1 Initial investments | 53.994 | | | | | | | | | | | | | | | |
| 2 Man works | 22.745 | | | | | | | | | | | | | | | |
| 3 Plant and machinery | 40 | | | | | | | | | | | | | | | |
| 4 Depreciation | 42.676 | 1.600 | 1.600 | 1.600 | 1.600 | 1.600 | 1.600 | 1.600 | 1.600 | 1.600 | 1.600 | 1.600 | 1.600 | 1.600 | 1.600 | 1.600 |
| 5 Replacement cost | 22.745 | 1.576 | 1.576 | 1.576 | 1.576 | 1.576 | 1.576 | 1.576 | 1.576 | 1.576 | 1.576 | 1.576 | 1.576 | 1.576 | 1.576 | 1.576 |
| 6 Plant and machinery | 21.118 | 49.968 | 48.822 | 47.728 | 46.618 | 45.518 | 44.418 | 43.318 | 42.218 | 41.118 | 40.018 | 38.918 | 37.818 | 36.718 | 35.618 | 34.518 |
| 7 Residual value initial investment, out of which: | | | | | | | | | | | | | | | | |
| 8 Man works | 0.000 | 45.116 | 44.916 | 44.716 | 44.516 | 44.316 | 44.116 | 43.916 | 43.716 | 43.516 | 43.316 | 43.116 | 42.916 | 42.716 | 42.516 | 42.316 |
| 9 Plant and machinery | 21.118 | 4.852 | 4.852 | 4.852 | 4.852 | 4.852 | 4.852 | 4.852 | 4.852 | 4.852 | 4.852 | 4.852 | 4.852 | 4.852 | 4.852 | 4.852 |
| 10 Replacement investment - Plant and machinery | 22.745 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 11 Depreciation - Plant and machinery | 5.237 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 12 Residual value-replacement investments | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 13 Total residual value | 21.118 | | | | | | | | | | | | | | | |

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| | | | | | | | | | | | | | | |
|--|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | Total | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
| | | Mill Euro | Mill Euro | Mill Euro | Mill Euro | Mill Euro | Mill Euro | Mill Euro | Mill Euro | Mill Euro | Mill Euro | Mill Euro | Mill Euro | Mill Euro |

Calculation of nominal eligible investment cost (EUR nominal terms)

| Investments in current prices - Total | | 2009 | | 2010 | | 2011 | | 2012 | | 2013 | | 2014 | | 2015 | | 2016 | | 2017 | | 2018 | | 2019 | | 2020 | | 2021 | | |
|---------------------------------------|---------------------------------------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|---------|
| Investment costs | | Mill Euro | | Mill Euro | | Mill Euro | | Mill Euro | | Mill Euro | | Mill Euro | | Mill Euro | | Mill Euro | | Mill Euro | | Mill Euro | | Mill Euro | | Mill Euro | | Mill Euro | | |
| 1 | Land | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Planning / design | 0.083 | 0.091 | 0.091 | 0.091 | 0.091 | 0.091 | 0.091 | 0.091 | 0.091 | 0.091 | 0.091 | 0.091 | 0.091 | 0.091 | 0.091 | 0.091 | 0.091 | 0.091 | 0.091 | 0.091 | 0.091 | 0.091 | 0.091 | 0.091 | 0.091 | 0.091 | |
| 3 | Site preparation | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 |
| 4 | Costs for the completion of the works | 2.654 | 2.654 | 2.654 | 2.654 | 2.654 | 2.654 | 2.654 | 2.654 | 2.654 | 2.654 | 2.654 | 2.654 | 2.654 | 2.654 | 2.654 | 2.654 | 2.654 | 2.654 | 2.654 | 2.654 | 2.654 | 2.654 | 2.654 | 2.654 | 2.654 | 2.654 | 2.654 |
| 5 | Main works | 0.112 | 0.112 | 0.112 | 0.112 | 0.112 | 0.112 | 0.112 | 0.112 | 0.112 | 0.112 | 0.112 | 0.112 | 0.112 | 0.112 | 0.112 | 0.112 | 0.112 | 0.112 | 0.112 | 0.112 | 0.112 | 0.112 | 0.112 | 0.112 | 0.112 | 0.112 | 0.112 |
| 6 | Plant and machinery | 3.540 | 3.540 | 3.540 | 3.540 | 3.540 | 3.540 | 3.540 | 3.540 | 3.540 | 3.540 | 3.540 | 3.540 | 3.540 | 3.540 | 3.540 | 3.540 | 3.540 | 3.540 | 3.540 | 3.540 | 3.540 | 3.540 | 3.540 | 3.540 | 3.540 | 3.540 | 3.540 |
| 7 | TA & Training | 0.117 | 0.117 | 0.117 | 0.117 | 0.117 | 0.117 | 0.117 | 0.117 | 0.117 | 0.117 | 0.117 | 0.117 | 0.117 | 0.117 | 0.117 | 0.117 | 0.117 | 0.117 | 0.117 | 0.117 | 0.117 | 0.117 | 0.117 | 0.117 | 0.117 | 0.117 | 0.117 |
| 8 | Supervision | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 |
| 9 | Public Relation | 0.146 | 0.146 | 0.146 | 0.146 | 0.146 | 0.146 | 0.146 | 0.146 | 0.146 | 0.146 | 0.146 | 0.146 | 0.146 | 0.146 | 0.146 | 0.146 | 0.146 | 0.146 | 0.146 | 0.146 | 0.146 | 0.146 | 0.146 | 0.146 | 0.146 | 0.146 | 0.146 |
| 10 | Contingencies | 0.173 | 0.173 | 0.173 | 0.173 | 0.173 | 0.173 | 0.173 | 0.173 | 0.173 | 0.173 | 0.173 | 0.173 | 0.173 | 0.173 | 0.173 | 0.173 | 0.173 | 0.173 | 0.173 | 0.173 | 0.173 | 0.173 | 0.173 | 0.173 | 0.173 | 0.173 | 0.173 |
| 11 | Tax/public levies | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 | 0.225 |
| 12 | Total water supply system | 7.291 | 7.291 | 7.291 | 7.291 | 7.291 | 7.291 | 7.291 | 7.291 | 7.291 | 7.291 | 7.291 | 7.291 | 7.291 | 7.291 | 7.291 | 7.291 | 7.291 | 7.291 | 7.291 | 7.291 | 7.291 | 7.291 | 7.291 | 7.291 | 7.291 | 7.291 | 7.291 |
| 1 | Wastewater system | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Land | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Planning / design | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 |
| 4 | Site preparation | 0.859 | 0.859 | 0.859 | 0.859 | 0.859 | 0.859 | 0.859 | 0.859 | 0.859 | 0.859 | 0.859 | 0.859 | 0.859 | 0.859 | 0.859 | 0.859 | 0.859 | 0.859 | 0.859 | 0.859 | 0.859 | 0.859 | 0.859 | 0.859 | 0.859 | 0.859 | 0.859 |
| 5 | Costs for the completion of the works | 0.559 | 0.559 | 0.559 | 0.559 | 0.559 | 0.559 | 0.559 | 0.559 | 0.559 | 0.559 | 0.559 | 0.559 | 0.559 | 0.559 | 0.559 | 0.559 | 0.559 | 0.559 | 0.559 | 0.559 | 0.559 | 0.559 | 0.559 | 0.559 | 0.559 | 0.559 | 0.559 |
| 6 | Main works | 59.036 | 59.036 | 59.036 | 59.036 | 59.036 | 59.036 | 59.036 | 59.036 | 59.036 | 59.036 | 59.036 | 59.036 | 59.036 | 59.036 | 59.036 | 59.036 | 59.036 | 59.036 | 59.036 | 59.036 | 59.036 | 59.036 | 59.036 | 59.036 | 59.036 | 59.036 | 59.036 |
| 7 | Plant and machinery | 21.841 | 21.841 | 21.841 | 21.841 | 21.841 | 21.841 | 21.841 | 21.841 | 21.841 | 21.841 | 21.841 | 21.841 | 21.841 | 21.841 | 21.841 | 21.841 | 21.841 | 21.841 | 21.841 | 21.841 | 21.841 | 21.841 | 21.841 | 21.841 | 21.841 | 21.841 | 21.841 |
| 8 | TA & Training | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 |
| 9 | Supervision | 1.791 | 1.791 | 1.791 | 1.791 | 1.791 | 1.791 | 1.791 | 1.791 | 1.791 | 1.791 | 1.791 | 1.791 | 1.791 | 1.791 | 1.791 | 1.791 | 1.791 | 1.791 | 1.791 | 1.791 | 1.791 | 1.791 | 1.791 | 1.791 | 1.791 | 1.791 | 1.791 |
| 10 | Public Relation | 0.446 | 0.446 | 0.446 | 0.446 | 0.446 | 0.446 | 0.446 | 0.446 | 0.446 | 0.446 | 0.446 | 0.446 | 0.446 | 0.446 | 0.446 | 0.446 | 0.446 | 0.446 | 0.446 | 0.446 | 0.446 | 0.446 | 0.446 | 0.446 | 0.446 | 0.446 | 0.446 |
| 11 | Contingencies | 0.341 | 0.341 | 0.341 | 0.341 | 0.341 | 0.341 | 0.341 | 0.341 | 0.341 | 0.341 | 0.341 | 0.341 | 0.341 | 0.341 | 0.341 | 0.341 | 0.341 | 0.341 | 0.341 | 0.341 | 0.341 | 0.341 | 0.341 | 0.341 | 0.341 | 0.341 | 0.341 |
| 12 | Total wastewater system | 73.990 | 73.990 | 73.990 | 73.990 | 73.990 | 73.990 | 73.990 | 73.990 | 73.990 | 73.990 | 73.990 | 73.990 | 73.990 | 73.990 | 73.990 | 73.990 | 73.990 | 73.990 | 73.990 | 73.990 | 73.990 | 73.990 | 73.990 | 73.990 | 73.990 | 73.990 | 73.990 |
| 13 | Total | 110.656 | 110.656 | 110.656 | 110.656 | 110.656 | 110.656 | 110.656 | 110.656 | 110.656 | 110.656 | 110.656 | 110.656 | 110.656 | 110.656 | 110.656 | 110.656 | 110.656 | 110.656 | 110.656 | 110.656 | 110.656 | 110.656 | 110.656 | 110.656 | 110.656 | 110.656 | 110.656 |

