WATER MANAGEMENT MODULE

Water Efficiency tables and indicators

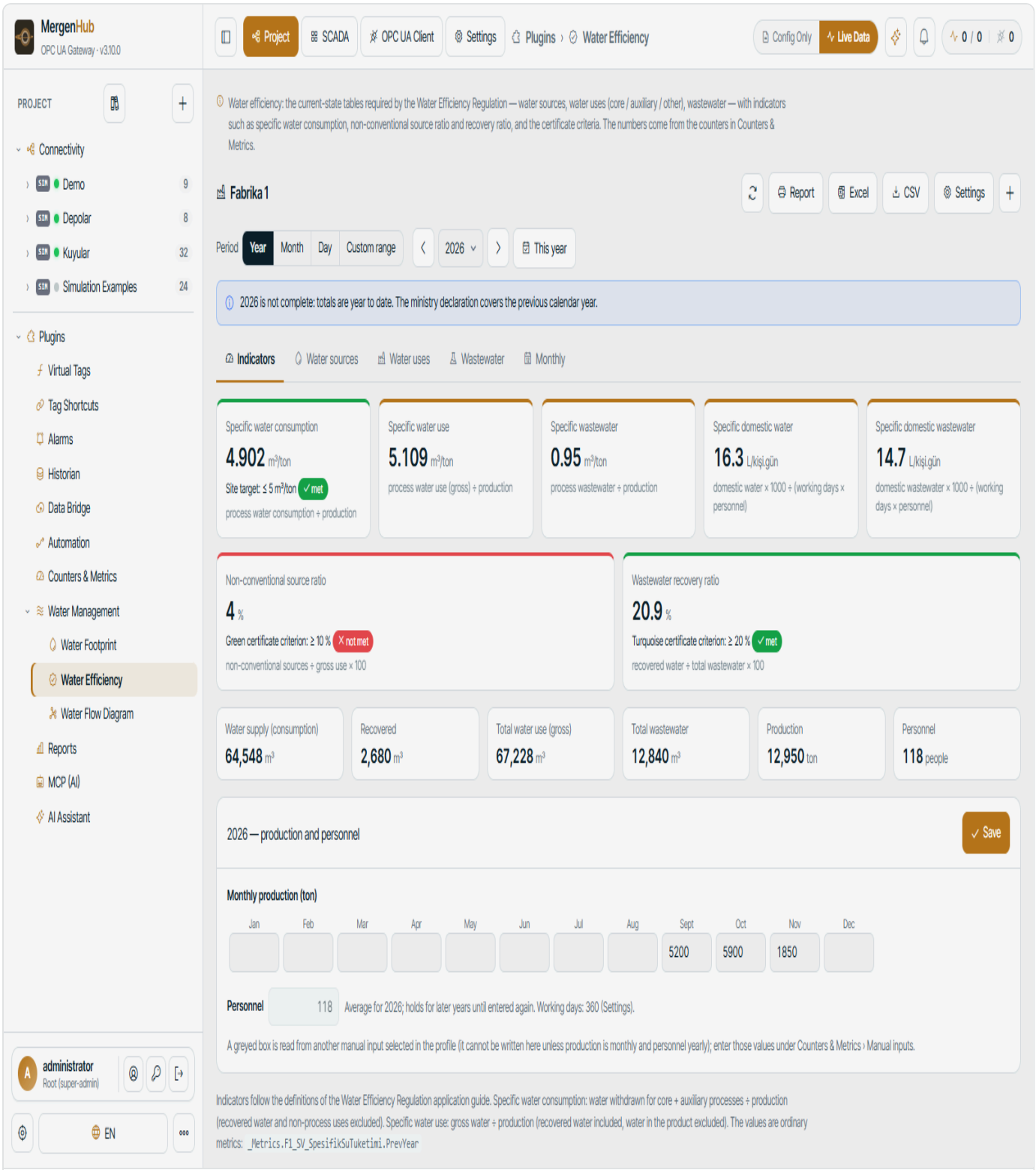
Water sources, uses and wastewater tables; specific water consumption, recovery ratio and non-conventional source ratio; targets and missing data.

Online: mergenhub.envest.com.tr/docs/water-efficiency

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The Water Efficiency page produces the tables and indicators required for water efficiency certification from counter data: water sources, uses, wastewater and the ratios computed from them. Page: **Add-ons › Water Management › Water Efficiency** (if it is not in the menu, turn on the feature group first).



Water Efficiency — indicator cards and the water sources table

Tables

TABLE	CONTENT
Water sources	Mains, well, surface water, rainwater, recovered water, treated wastewater, sea water… Each row is bound to a counter or a counter selector (category + group).
Uses	Core production, auxiliary operations, other. Domestic use and water entering the product are flagged.
Wastewater	Points of origin, treatment outlet and discharge.

The same counter cannot be used in two rows of one table (to avoid double counting).

Indicators

INDICATOR	DESCRIPTION
Specific water consumption	Water withdrawn from sources for the process ÷ production (other uses such as domestic use and irrigation excluded).
Specific water use	Gross water used in the process ÷ production (recovered water included, water entering the product excluded).
Specific wastewater	Process wastewater ÷ production.
Domestic water per capita	Domestic water × 1000 ÷ (operating days × headcount); in L/person.day.
Non-conventional source ratio	Non-conventional sources (rainwater, recovered water, treated wastewater, sea water) ÷ total water use. Target ≥ 10%.
Recovery ratio	Recovered water ÷ total wastewater. Target ≥ 20%.

The target percentages are kept in the profile and can be changed; the report shows the status of each indicator against its target.

Clicking an indicator card opens what the value is made of. Values that are not measured, such as production quantity and headcount, are entered as **manual inputs**.

Missing data

If a row has no data the total is still computed but marked **partial**, and the empty rows are listed in a warning. If the recovery source has no data for the period, gross use is taken as equal to supply and marked "partial".

Outputs

The page offers monthly tracking, a printable report, **Excel** (indicators, sources, uses and wastewater sheets) and **CSV**. A draft of the water flow diagram can also be generated from the profile. The AI assistant and MCP clients read the report with the `get_water_efficiency` tool.

> **Caution** The calculation assumptions (the numerator of specific consumption, the denominator of the recovery ratio, the list of non-conventional sources) should be compared with your certification body's reading; verify the report before using it in an official application.