



GEMI[®]

Collecting the Drops:

**A Water
Sustainability
Planner**

Case Example

The Procter & Gamble Company: Finding Three Ways to Reuse Condensate

Condensate reuse has led to energy savings for a Procter & Gamble Company (P&G) manufacturing plant in Germany.

P&G's Household Care plant in Worms, Germany has been saving energy by using and re-using condensate in the mixing part of the production process.

Previously, the condensate discharged via a cooling tower into the plant sewer system. Now the plant uses the condensate instead of steam for a heat exchanger. They also use the condensate in place of hot water to produce a liquid dye solution.

At the end of their production process, the site uses the "cold" condensate to cool their compressors. In the past, they used demineralized water for this operation, which was produced for compressor cooling. The switch to condensate is saving them more than EUR 20,000 (\$26,000 USD) a year.