

Find a contact near you by visiting www.ge.com/water and clicking on "Contact Us".

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ge.ecomagination.com

GE Water & Process Technologies

Waste to Value

A solution from GE Water and GE Energy. Discover the process that converts wastewater treatment from an expense to operating profit by creating reusable and/or saleable energy and clean water.



ecomaginationSM
a GE commitment



Convert your expensive process waste into renewable resources and increased operating profit

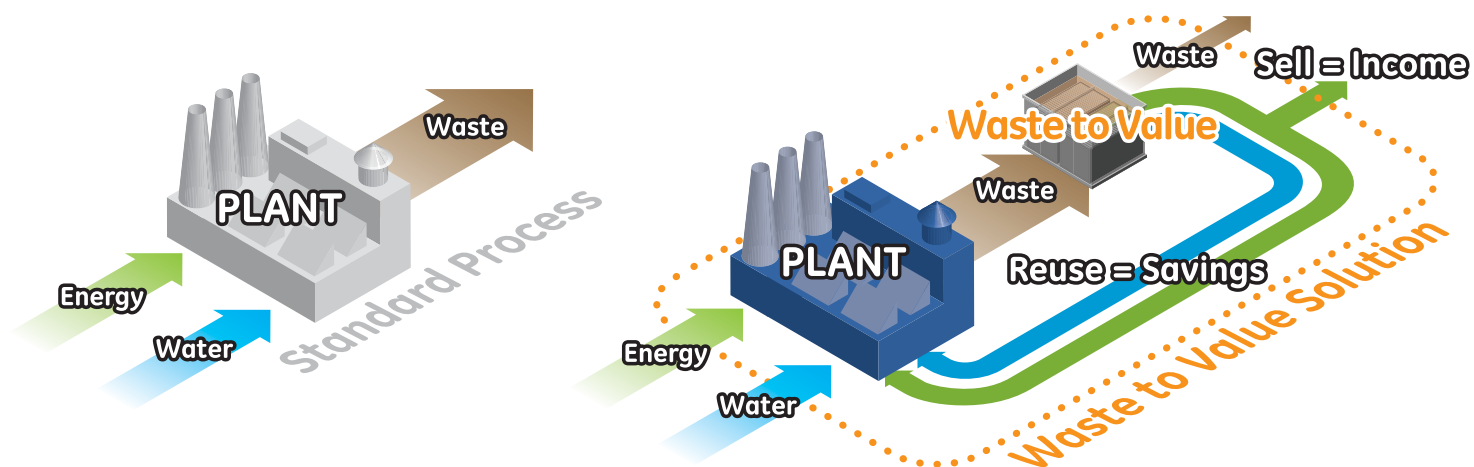
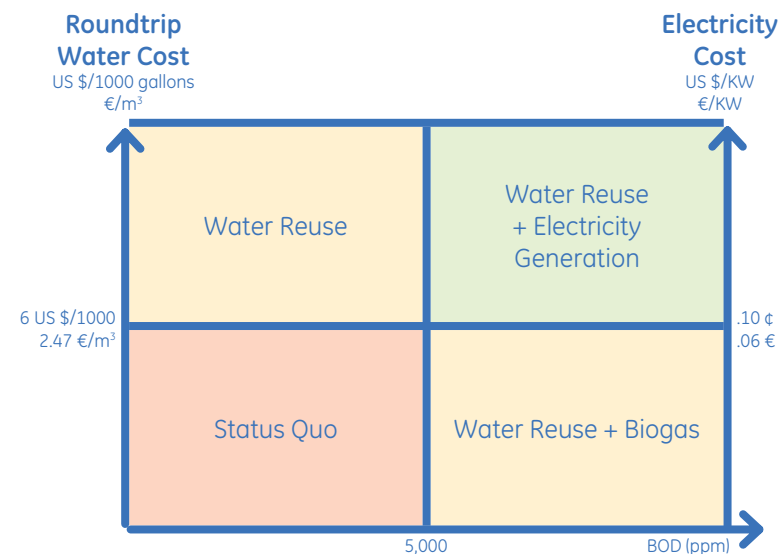
Do you currently have or are considering a digester as part of your wastewater treatment? Would you like to significantly reduce your plant's environmental impact in your community? Would you like to monetize your waste stream into reusable or saleable energy and water? If so, then GE can help. The GE Waste to Value solution combines proven wastewater treatment technologies with Jenbacher combined heat and power production. Waste to Value improves your bottom line by reducing your costs for wastewater disposal, natural gas, electricity and clean water. The solution will also reduce your plant's carbon footprint and potentially make your business eligible for tax credits. Waste streams with high organic content will provide the greatest return on investment.

Creation of Biogas

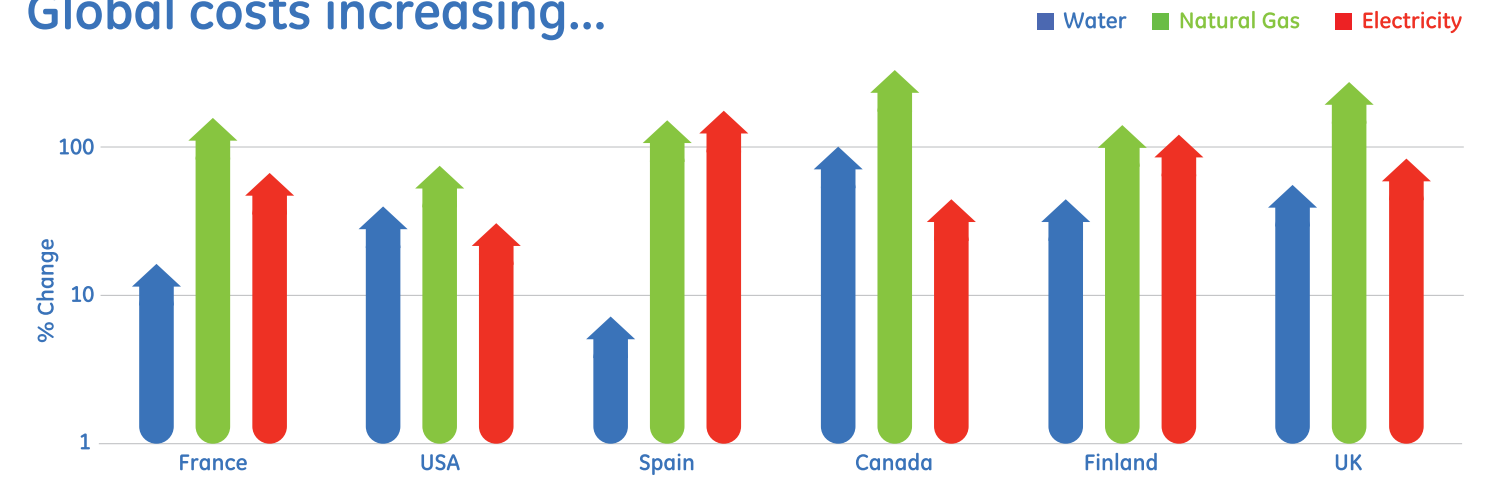
Anaerobic digestion is the break down of organic materials in the absence of oxygen. The carbon content of the material is released as methane or biogas, rather than carbon dioxides. Instead of discharging the waste, it will be used to create economic and environmental value. A Jenbacher CHP solution will satisfy parts of your electrical and thermal requirements.

Clean water for industrial reuse

A GE Waste to Value solution starts with an anaerobic digester combined with a Membrane Bioreactor. It then expands to incorporate solids separation, reverse osmosis and disinfection. GE owns the technology in-house or has partnerships with leading technology partners to make sure we satisfy your needs.



Global costs increasing...



Our competence

GE has thousands of pure water and wastewater treatment systems operating around the world. This expertise has allowed us to create a techno-economic model which enables our clients to:

1. Optimize plant configuration to provide maximum economic benefit
2. Calculate project financials to assist in decision making.

The GE Waste to Value solution is an ecomagination product. Ecomagination is a GE commitment (www.ge.com/ecomagination) to develop new technologies which help customers around the world meet escalating environmental challenges.

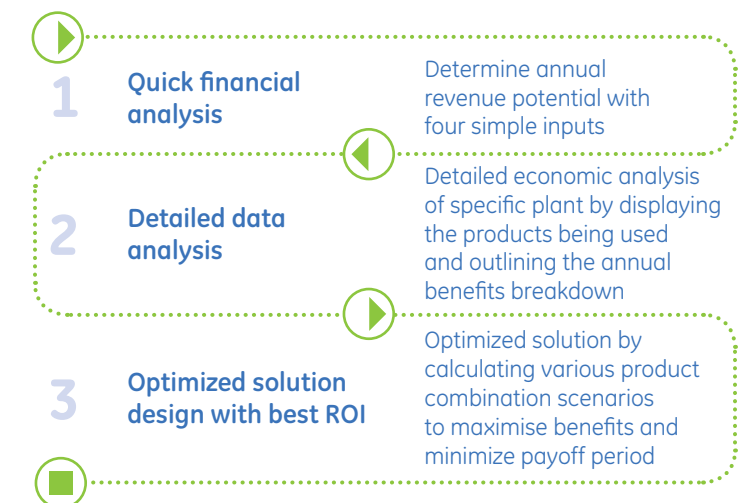
Generating biogas and clean water for industrial re-use substantially reduces emissions and ensures sustainable operation.

GE can offer unique financing and service solutions to meet customers' needs. Our experienced team of experts will globally support our clients.

Waste to Value advantages

- Recurring savings and/or income to improve plant profitability
- GE unique technology model provides customers with an existing digester to quickly evaluate the benefit of reusing water and generating power
- Modular product solution provides the customer with option to build system over time
- GE financing solutions for qualified customers
- Quick feasibility check with GE techno-economic model

A three step inquiry process



Don't let another dollar go down the drain. Visit www.ge.com/water to see if your plant is a fit for GE's Waste to Value Solution.