



The World's First Bioelectrically Enhanced Wastewater Treatment System

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SYSTEM HIGHLIGHTS

Robust Wastewater Treatment

- Highly robust and adaptable to a range of wastewater streams
- Particularly suited to varying BOD loads that are typically found in the food and beverage industry.



Clean Energy Generation

- Generates high quality methane while treating wastewater
- Includes prefabricated cogeneration technology to convert this methane into clean heat and clean power
- A typical installation will create 30 – 200 kW of power.



Prefabricated, Turn-key Installation

- Prefabricated and modular, reducing non-recurring engineering costs and greatly reducing install time and cost
- Headworks can be designed to accommodate a high number of modular EcoVolt tanks, creating a low capex option to expand production at any point in the future.



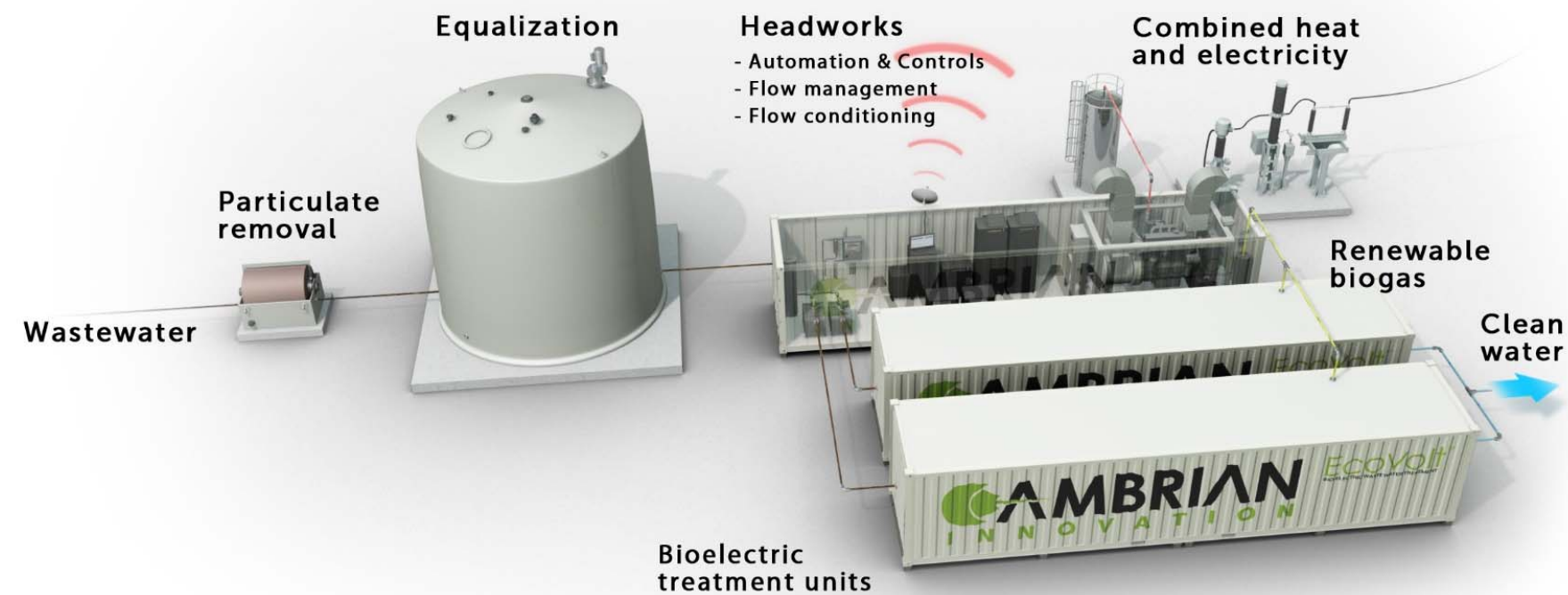
Automated, Remote Operation

- Automatically monitors the health of constituent microbial populations
- Automated and/or remote control of the treatment process and radically decreased operator intensiveness.



Sustainable Water Management

- Water is an increasingly precious resource and industries globally are moving towards the reuse of process water.
- Forms the basis for varying degrees of water reuse, whether for irrigation, tank washing or production.



What is EcoVolt

EcoVolt converts pollutants in wastewater into high quality methane gas, helping industrial beverage and food producers monetize their wastewater stream while meeting their environmental compliance and sustainability goals.

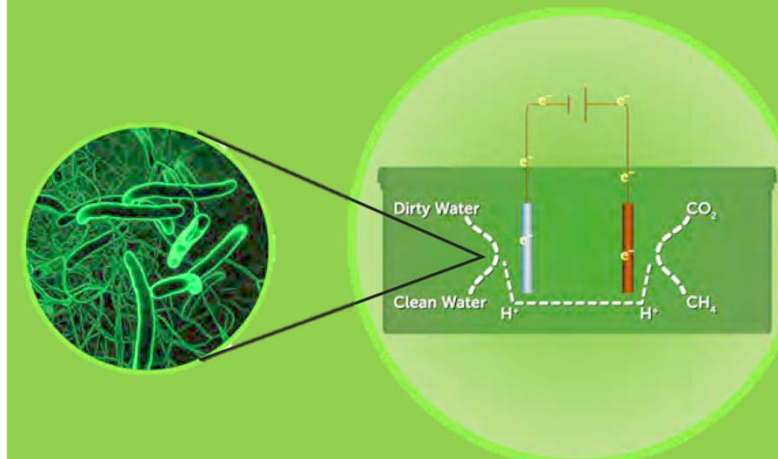
As a turn-key system, it can be installed quickly and operated remotely, saving hundreds of thousands of dollars annually while cutting their carbon and water footprint.

Who it is for

EcoVolt is ideal for wineries, breweries and other food and beverage producers seeking flexible, small footprint wastewater treatment for:

- Greenfield sites
- Production expansion
- Cost savings and increased sustainability on existing sites
- Process water reuse strategies

ECOVOLT
Leverages
electromethanogenesis for
enhanced wastewater
treatment



- Electrically active organisms treat wastewater & convert CO₂ into renewable biogas
- Net reaction generates information that is used to automate and stabilize the process