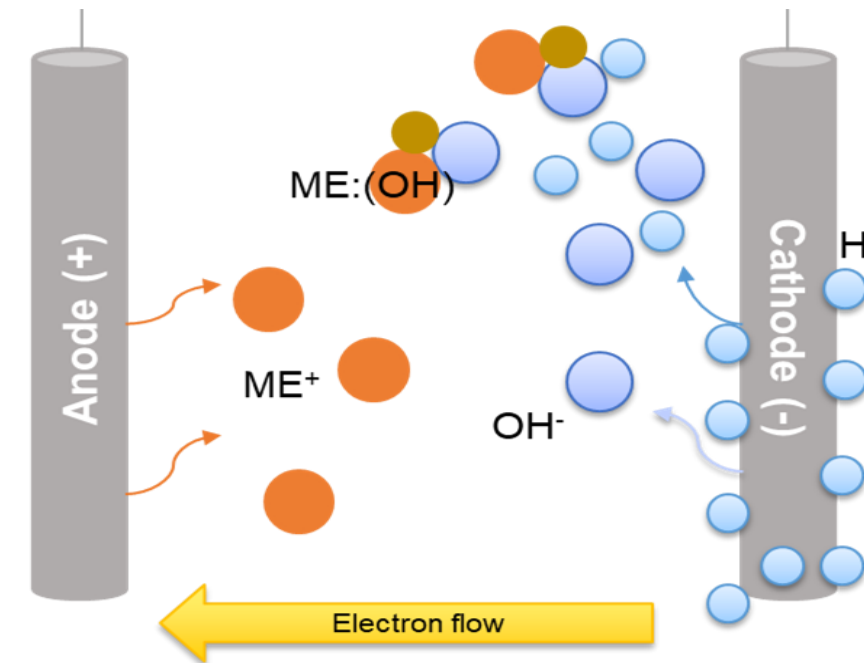


ELECTROCOAGULATION PROCESS FOR INDUSTRIAL WASTEWATER TREATMENT

Electrocoagulation technology, a promising water and wastewater treatment technology to treat complex wastewater streams.

With this technology, metal cations are produced on the electrodes forming various hydroxides in the water depending on the water pH. Simultaneously pollutants can be removed from water by electroflotation, which occurs with electrocoagulation and further removal by filtration.



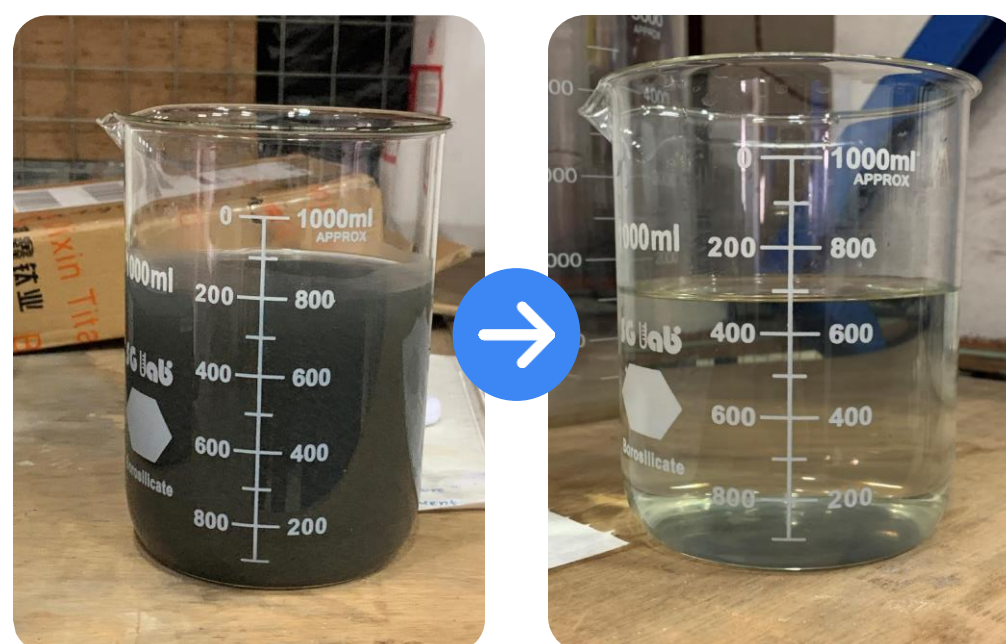
Capability

- TSS removal
- Oil & grease removal
- COD removal
- BOD removal
- Heavy metal removal
- Hardness

Application

- Industrial wastewater
- Food & beverage WW
- Processing industries
- Textile
- Mining

Industry: Food processing
Location: Philippines



96% TSS Removal

68% BOD Reduction

62.5% COD Reduction

99.2% Phosphate Removal

93% O&G Removal

0.75 kWh/m³ Power Consumption

Industry: Oil & grease waste recycling
Location: Singapore



99% TSS Removal

96% BOD Reduction

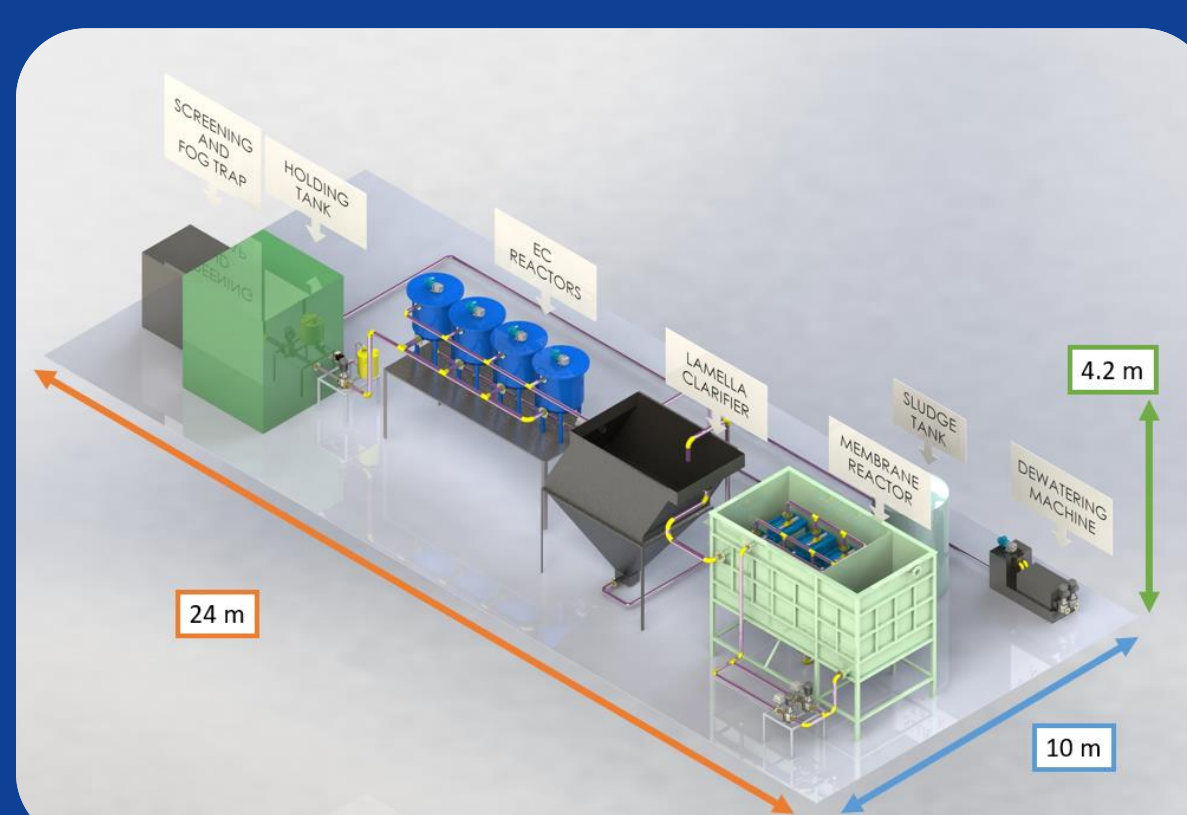
78% COD Reduction

93% O&G Removal

0.8 kWh/m³ Power Consumption

Expandable Systems

Easily scaled up
Small footprint
Modular design
Easy to retrofit into existing systems or in greenfield sites for **high performance and sustainable** treatment



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