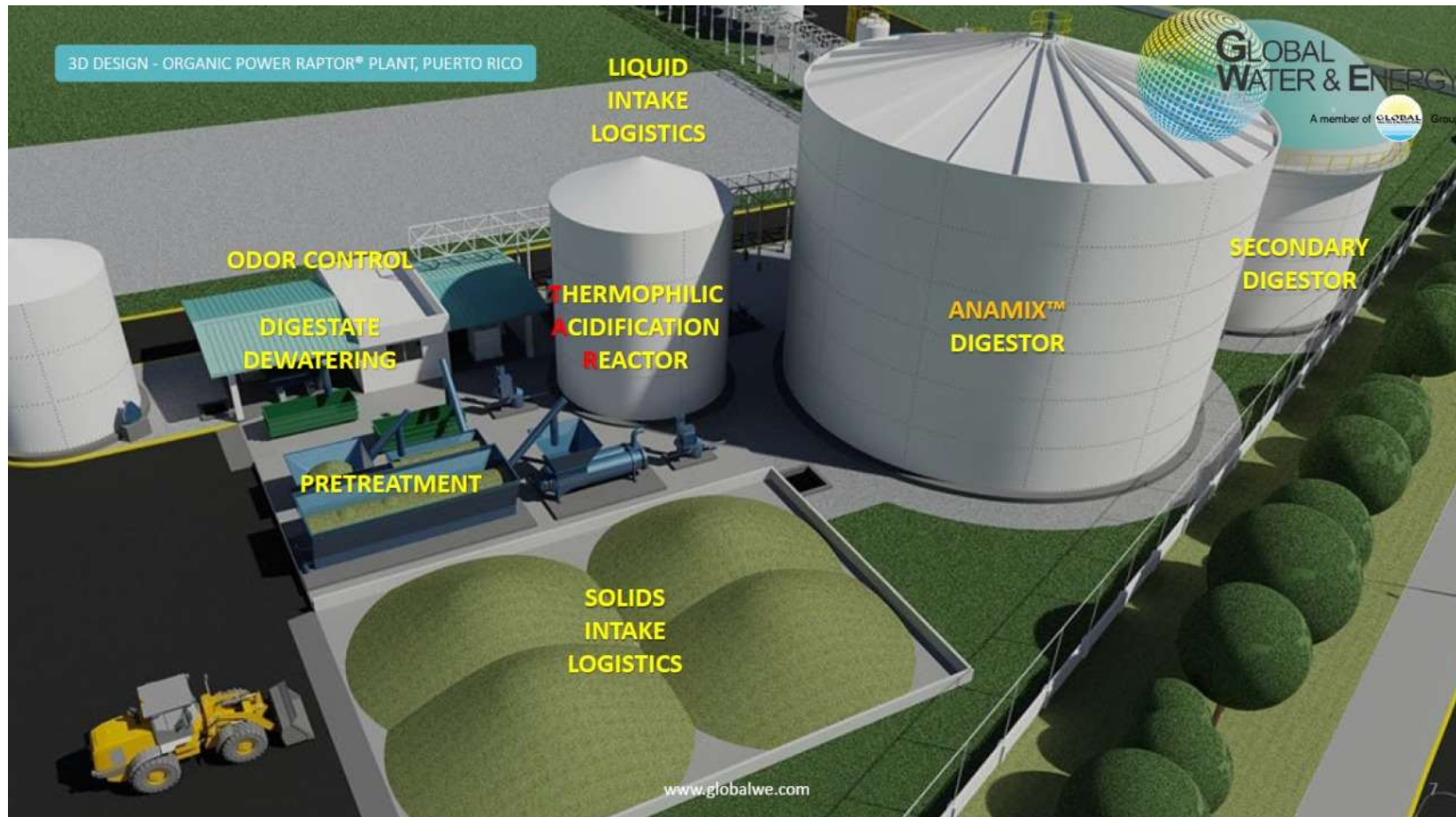
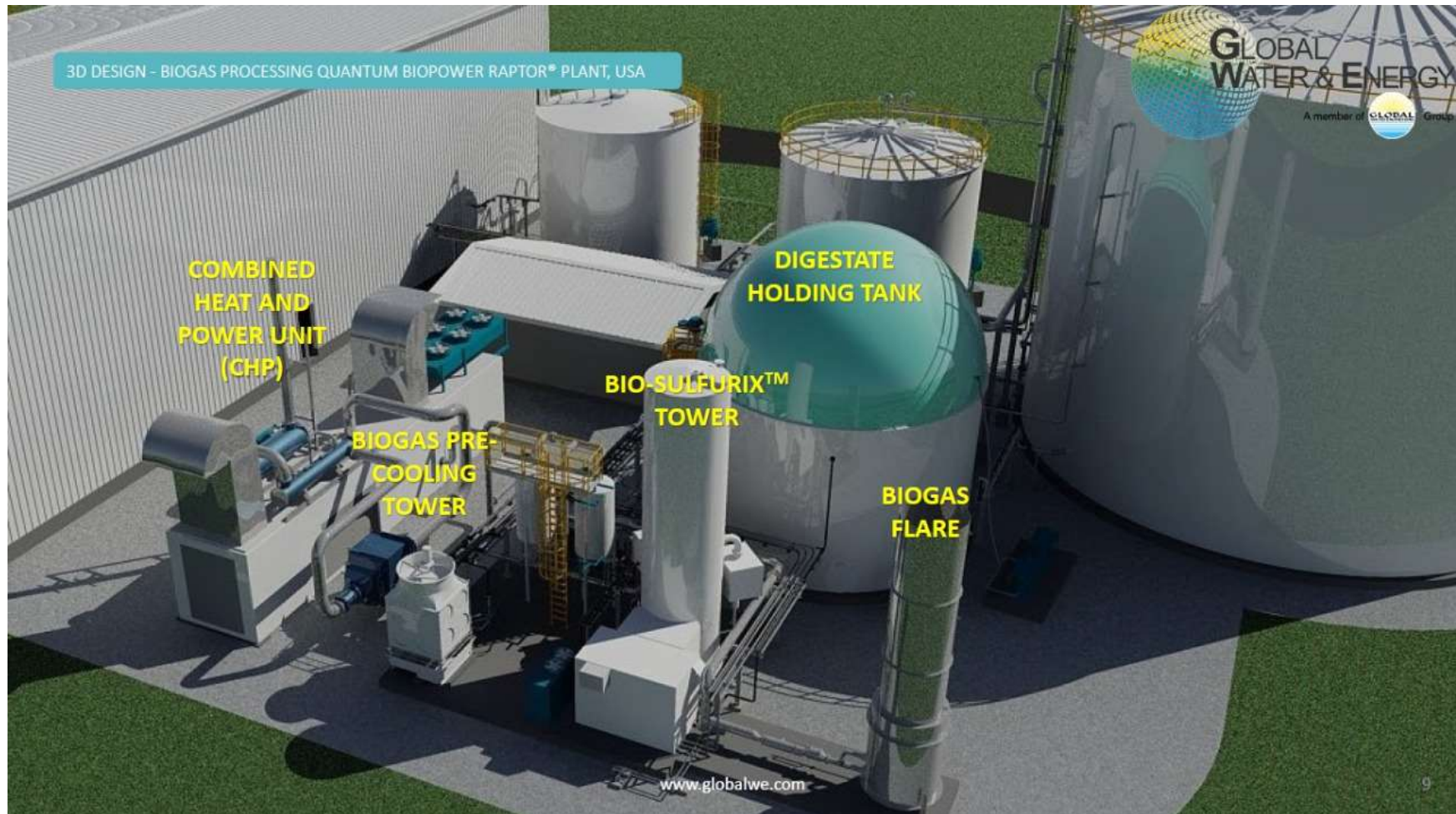


DEM - Ingeniería Empresarial y de Negocios S.A. de C.V.

“ESPECIALIZADOS EN PTAR (**Plantas de Tratamiento de Aguas Residuales**).”



DEM - Ingeniería Empresarial y de Negocios S.A. de C.V.



DEM - Ingeniería Empresarial y de Negocios S.A. de C.V.



Solutions for Clean Water & Green Energy

ANAEROBIC WASTEWATER TREATMENT

LEADER IN ANAEROBIC WASTEWATER TREATMENT

Wastewater streams from food and beverage production, biofuels production, pulp and paper mills, and from the chemical industry, are often highly-loaded with organic pollutants and can be treated advantageously by the means of various anaerobic processes.

However, varying wastewater components, the wide range of possible Chemical Oxygen Demand (COD) concentrations, and each client's local conditions, require careful consideration and selection of the appropriate anaerobic reactor type. A single anaerobic technology is not the best solution to all situations.

You can count on us to select the best solution. We have one of the most extensive portfolios of anaerobic technologies of any vendor, with thirteen (13) different configurations and concepts.

www.globalwe.com

DEM - Ingeniería Empresarial y de Negocios S.A. de C.V.



Snackbrands Springfield, Australia

Solutions for Clean Water & Green Energy

AEROBIC WASTEWATER TREATMENT

AN EXTENSIVE PORTFOLIO OF WASTEWATER TREATMENT TECHNOLOGIES

You need a supplier with a wide portfolio of technologies, including a variety of different aerobic treatment systems, to properly manage a complete range of wastewater treatment solutions, able to meet any discharge requirements.

In aerobic biological treatment processes, organic pollution is converted to carbon dioxide and water. The process requires active aerobic biomass and supplying a suitable amount of oxygen to the reactor in order for the treatment to take place. To provide nutrient (nitrogen and phosphorus) removal, aerobic systems can be configured with a variety of stages that operate under specific conditions to promote biological uptake and conversion of nutrients.

www.globalwe.com

DEM - Ingeniería Empresarial y de Negocios S.A. de C.V.



Solutions for Clean Water & Green Energy

PHYSICAL-CHEMICAL WASTEWATER TREATMENT

EFFECTIVE PRETREATMENT AND POSTTREATMENT OF WATER AND WASTEWATER

Biological treatment is not always the best, or at least not the complete, solution to all industrial wastewater applications. The wide range of possible impurities in industrial wastewater streams sometimes require the employment of several physical-chemical treatment steps to remove the contaminants to a level that will allow for the discharge or reuse of the wastewater.

Dissolved contaminants, suspended matter, and fats, oils, and grease (FOG) can require other technologies and solutions for effective treatment.

If you need an efficient wastewater treatment system, designed with a focus on minimal maintenance, GWE can deliver a tailor-made, turn-key solution that will consistently meet all requirements.

www.globalwe.com

DEM - Ingeniería Empresarial y de Negocios S.A. de C.V.



Solutions for Clean Water & Green Energy

EFFLUENT REUSE

EFFLUENT RECYCLE & REUSE FOR WATER FOOTPRINT REDUCTION

Reclamation of the wastewater treatment plants' effluent not only provides a reliable supply of water that can be used for various purposes but also reduced fresh water usage ratios and decreases the water bill.

You can expect a custom solution optimized to your needs and local conditions.

The necessary unit processes are chosen from the whole range of modern technologies available, so that the treated wastewaters meet the requirements of the reuse.

www.globalwe.com