

## SMART PACKAGE & PORTABLE SOLUTIONS For Municipal & Industrial Water-Wastewater Treatment Facilities

DEVISE ENGINEERING S.A. designs complete Wastewater Treatment Plants offering a functional layout utilizing compact, prefabricated, mobile and modular units to serve the needs of decentralized communities and industries.

DEVISE Smart Package & Portable Solutions incorporate Innovative Treatment Techniques and Advanced Design-Engineering-Manufacturing procedures. The result is a Smart Solution that offers consistently high quality treated effluent at a competitive cost in a very "compact package". The population served by DEVISE plants ranges from 200 P.E. up to 25,000 P.E.

A complete Wastewater Treatment Installation using "DEVISE Package & Portable Plants" comprises of a compact Pre-Treatment Unit, a Package Biological Treatment Plant and a Containerized Sludge Dewatering System with an optional Tertiary Treatment Stage.

### Plant Design

#### Compact Primary Treatment Unit

This unit comprises of:

- Fine screening
- Grit-Sand removal
- Fat-Oil-Grease removal.

For industrial wastewater treatment a DAF separator can be used for primary treatment.

#### Package Biological Treatment Unit

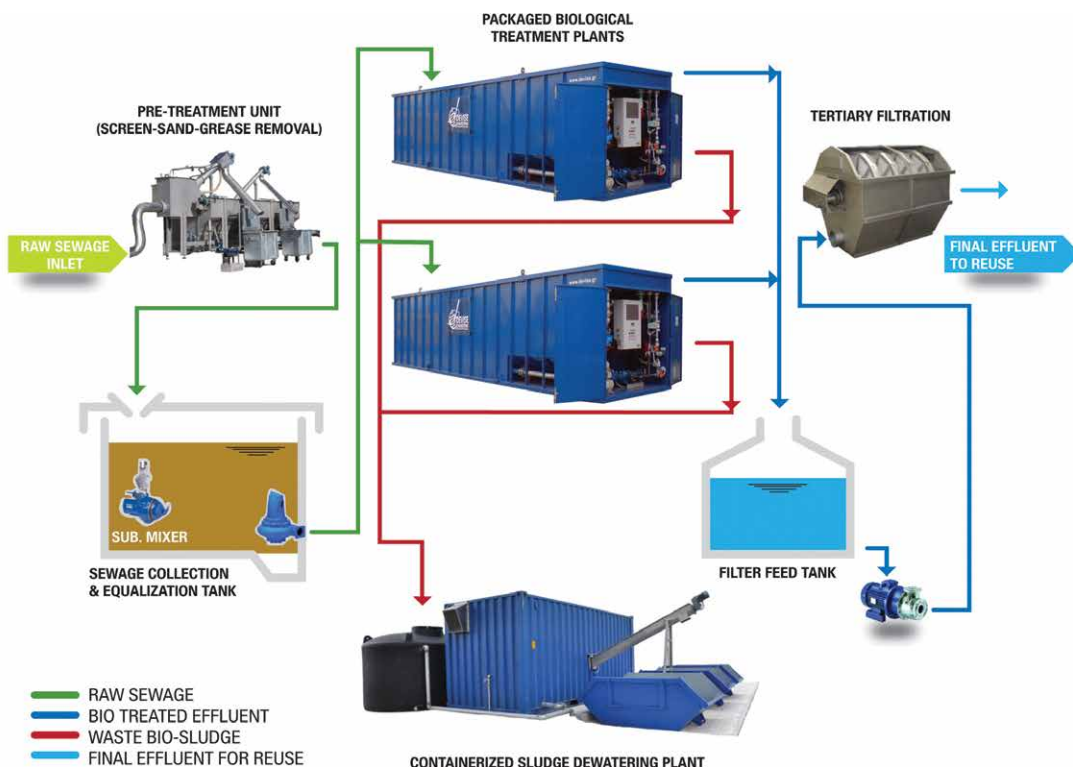
Extensive biological treatment is performed using either DEVISE HIGH-RATE™ Bioplants or ULTRA-CLEAR™ Bioplants.

#### Containerized / Skid-Mounted Tertiary Treatment Unit

Tertiary treatment of wastewater is performed using DEVISE UF-PACK™ or conventional sand or disk type filters (when using DEVISE ULTRA-CLEAR™ Bioplants tertiary treatment is incorporated).

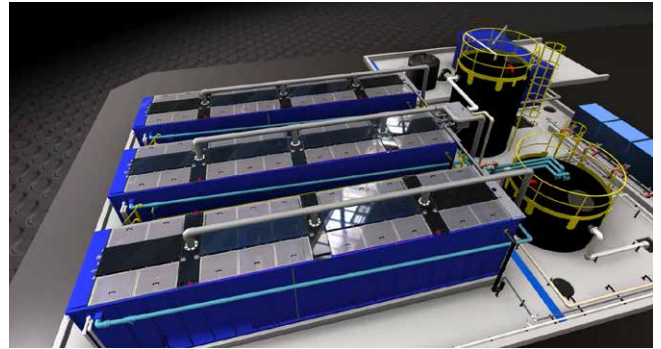
#### Containerized Sludge Dewatering Unit

Sludge dewatering is performed by DEVISE Containerized Unit (CSDP).



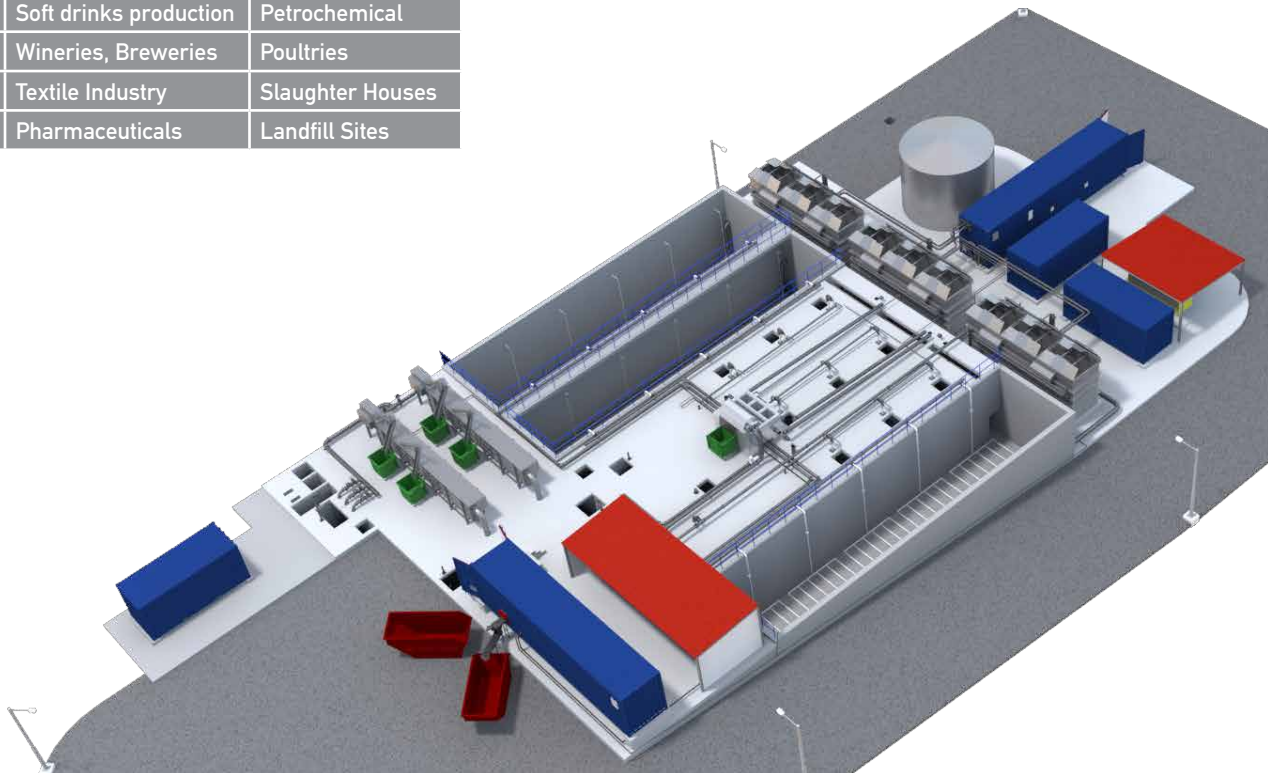
# Advantages

- Prefabricated system with limited civil constructions
- Less plan-foot area of installation than conventional solutions
- Fully tested before dispatch
- Ready to "plug & play"
- Modular design
- Ideal for future expansion
- Easy to relocate if required
- Treated effluent quality achieving European (EU 91/271) and other International Regulation
- Tertiary (polishing) treatment can be easily incorporated
- Treated effluent suitable for re-use
- Easy and low maintenance
- Fully automatic
- All plants are constructed to the highest specification (B.S, DIN, ISO, etc)



## Typical Applications

Municipal	Industrial	
Decentralized communities up to 25,000 P.E	Food Manufacture / processing	Chemical Industry
Hospitals	Soft drinks production	Petrochemical
Holiday Camps, Hotels	Wineries, Breweries	Poultryes
Military Camps	Textile Industry	Slaughter Houses
Universities	Pharmaceuticals	Landfill Sites



7 Aggelou Pyri Str., 11527 Athens, Greece

T: +30 210 3211040 • F: +30 2103222012 • E: info@devise.gr • W: www.devise.gr