



Hungarian
Water
Technology
Corporation

Innovation in the water sector

A HWTC perspective

HWTC Hungarian Water Technology Corporation Ltd.

2021

Who we are:



Szabadics Civil Engineering
and Construction Plc.



Our focus areas

• Drinking water treatment

- Traditional groundwater and surface water treatment technologies such as sand filtration, flotation (removal of Fe, Mn, As, NH_4 , etc.)
- State-of-the-art membrane technologies - microfiltration (MF), ultrafiltration (UF), nanofiltration (NF), reverse osmosis (RO), electrodialysis (ED/EDR)



• Process water treatment / High purity water treatment

- Water purification for power plants, nuclear, oil & gas, pharmaceutical industry
- Food and beverage production



• Municipal wastewater treatment

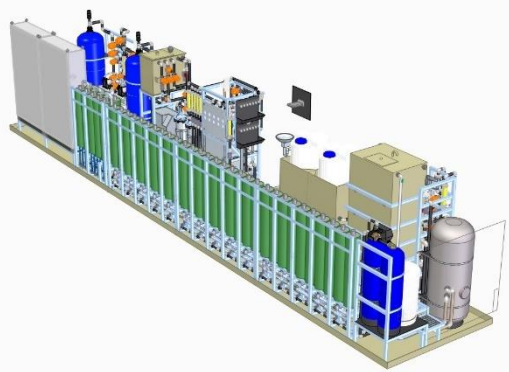
- Sludge treatment for biogas production, high-quality compost production, phosphorus recovery -> circular economy
- Water reuse for irrigation



Our focus areas

- Industrial wastewater treatment and reuse

- Landfill leachate treatment
- Removal of heavy metals, organic solvents, pharmaceutical residuals



- HidroWell technology - mobile water treatment systems

- Renewable energy powered
- Modular setup, high pre-mounting shipping, easy-to-startup
- Drinking water -, process water -, irrigation water -, landfill leachate treatment
- Sea water desalination -> clean, safe, healthy drinking water for island communities
- Easy set-up and operation
- Competitive price



International references



Industrial water treatment and Zero-liquid discharge system at Assiut Hydrocracking complex - Egypt

- ▶ Date of project implementation: 2020-2023
- ▶ Client: Assiut National Oil Processing Company
- ▶ Main contractor: Petrojet
- ▶ Location: Assiut, Egypt
- ▶ Feed water capacity: 570 m³/h
- ▶ Source of water: Nile River
- ▶ Project components: Raw water plant and ZLD system



Drinking water treatment plant for food industry - Qatar

- ▶ **Date of project implementation:** 2020-2021
- ▶ **Client:** Baladna Food Industries
- ▶ **Main contractor:** Protec
- ▶ **Location:** Qatar
- ▶ **Capacity:** 900 m³/h MMF and 300 m³/h RO
- ▶ **Source of water:** well-water
- ▶ **Project components:** Multi-Media filtration and treatment of RO reject water



شركة بلدنا للصناعات الغذائية ذ.م.م
Baladna Food Industries Co. W.L.L



Drinking water treatment plant for food industry - Qatar



Water treatment system for the production of process water from pre-treated seawater - UAE

- ▶ Date of project implementation: 2017
- ▶ Main contractor: Alpha Utilities LLC
- ▶ Location: UAE
- ▶ Capacity: 25 m³/h RO and CEDI
- ▶ Source of water: pre-treated sea water

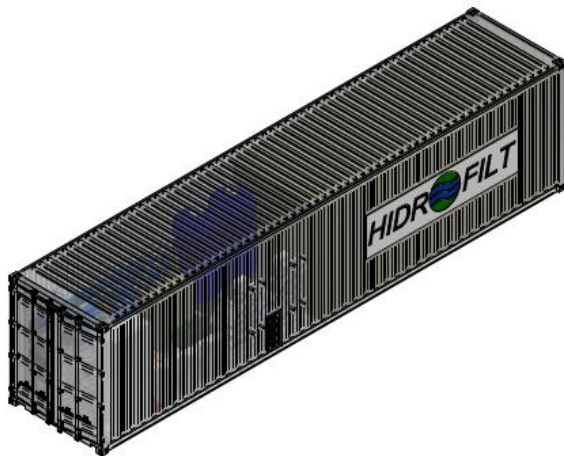


Water treatment system for the production of process water from pre-treated seawater - UAE



Iraq - Containerized water treatment plant in Karamlash, Kurdistan region

- Date of project implementation: 2020/2021
- Client / Partner: Hungarian Interchurch Aid
- Capacity: 200 m³/day
- Population size: ~ 1000 people
- Source of water: well water



Tunisia - Containerized water treatment plant in El-Ketf port

- ▶ Date of project implementation: 2019
- ▶ Client / Partner: Hungarian Ministry of Foreign Affairs and Trade, Agence des Ports et des Installations de Peche
- ▶ Capacity: 50 m³/day
- ▶ Population size: ~ 300-400 people
- ▶ Source of water: Mediterranean Sea



Thank you for your attention!

Contact us: www.hunwatertech.com

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