

WATER TREATMENT



Drinking water treatment



Industrial water treatment



Desalination of sea and brackish water



Water reuse & Water recycling

WASTEWATER TREATMENT



Municipal wastewater treatment



Industrial wastewater treatment



Sewage sludge treatment

Baraki WWTP, Algeria

Revitalisation of Algier's main WWTP

Comprehensive modernisation of Algier's main wastewater treatment plant (mechanical/biological), associated pumping stations and anaerobic sludge treatment plant. Second largest WWTP in Algeria.

Design-Build-Operate project.

Key Data

Location:	Algier, Algeria
Type:	DBO
Capacity:	150,000 m ³ /d, 900,000 p.e.
Start-up:	2008



Oran WWTP, Algeria

Largest WWTP in Algeria.

Design, build and operate of the new main WWTP of Oran - Algeria's largest municipal wastewater treatment plant, second largest in Africa.

The plant employs mechanical/biological treatment and an additional disinfection step, which prepares the treated water for possible water reuse.

Anaerobic sludge treatment with biogas utilisation for the production of thermal energy.

Key Data

Location:	Oran, Algeria
Type:	DBO
Capacity:	270,600 m ³ /d, 1,526,000 p.e.
Start-up:	2009



El Eulma WWTP, Algeria - Reuse

Maturation Ponds - Water Reuse for Irrigation

Design, engineering, supply, installation and commissioning of the new wastewater treatment plant for the city of El Eulma, located some 200 km east of the capital Algiers. The plant is equipped with classical mechanical and biological process steps and designed for a capacity of 230,000 p.e. Treated water maturation ponds after settling tank allow the reuse of purified wastewater for irrigation purposes.

Key Data

Location:	Sétif, El Eulma, Algeria
Capacity:	36,400 m ³ /d, 230,000 p.e.
Start-up:	2010



Sousse Nord WWTP, Tunisia

Extension of WWTP

Extension of the biological treatment step of the existing municipal wastewater treatment plant in Sousse Nord.

By renewal of the biological activated sludge process a higher quality of the effluent is achieved and the purified wastewater is partly reused for irrigation purposes.

Key Data

Location:	Sousse, Tunisia
Capacity:	10,000 m ³ /d,
Start-up:	2010



Choutrana WWTP, Tunisia

Extension of WWTP

Extension of WWTP and sludge treatment plant for the largest sewage treatment plant in Tunis. Biological treatment of municipal wastewater, sewage sludge digestion and biogas utilization.

Key Data

Location:	Tunis, Tunisia
Capacity:	144,000 m ³ /d, 1,000,000 p.e.
Start-up:	1999, 2004

