Lenntech has engineered, manufactured and assembled a containerized brackish water reverse osmosis system on an industrial site in the Sahara desert in the Islamic Republic of Mauritania. The treated and desalinated water is used as utilities water for the industrial site. The water desalination system is equipped with top brand instrumentation and equipment. The system is completely from European origin and will be delivered with a certificate of origin.

Scope of Work:
- Engineering, manufacturing and assembly
- Containerized system with air conditioning
- Chemical dosing stations
- Granular activated carbon filtration
- 20 micron cartridge filtration
- 5 micron cartridge filtration
- Reverse osmosis system
- Product water tank
- Automated flush
- Microprocessor controlled system
- Site commissioning

Project duration:
April 2012 to November 2012

Project location:
Islamic Republic of Mauritania

Product quality:
TDS < 300 uS/cm

Project application:
Utilities water for industrial site

Typical contract amount:
30,000 – 70,000 EUR