



# *Utilities water in the desert*

## *Mauritania, 40 m<sup>3</sup>/d*

### Project Description:

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



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WATER TREATMENT SOLUTIONS

