



# Potable water in a remote village

## Mauritania, 50 m<sup>3</sup>/d

### Project Description:

Lenntech has engineered, manufactured and assembled two turnkey containerized sea water reverse osmosis systems in order to prepare potable water for a remote village on the coast of Mauritania. The system is solar panel driven, including diesel generator back up. The village is cut-off from cities by stretches of Sahara desert. The sea is equipped with high end quality 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
- Solar driven sea water RO
- Super Duplex piston pump
- Duplex piping
- Frequency driven high pressure pump
- Chemical dosing stations
- Microprocessor controlled system
- Site installation and commissioning

### Project duration:

October 2016 to August 2017

### Project location:

Islamic Republic of Mauritania

### Product quality:

TDS < 400 ppm

### Project application:

Potable Water from Sea Water

### Typical contract amount:

60.000 – 150.000 EUR

(ex. solar panels/diesel generator power supply)

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WATER TREATMENT SOLUTIONS