



# Seawater Desalination Golf Course

Curaçao, 1.200 m<sup>3</sup>/day

## Project Description:

Lenntech has engineered, installed and commissioned a turnkey containerized seawater desalination system from intake pumps up to remineralization of the product water. The treated water is used as irrigation water for the golf course on a luxurious resorts complex. The investment on the sea water desalination system from Lenntech has a return of investment of <1 year, due to scarcity and high procurement cost of fresh water. The complete system is equipped with top brand instrumentation, advanced automation and equipment. The system is completely from European origin and is delivered with a certificate of origin.

## Scope of Work:

- Engineering, manufacturing and assembly
- Containerized system with air-conditioning
- 2x 50% Multimedia filtration
- 2x 50% Reverse osmosis unit
- 2x 50% Pressure Exchanger for 40% energy reduction
- Chemical cleaning and rinsing station
- Distribution and intake pump system
- Siemens PLC
- Site commissioning
- Remote monitoring
- Service and maintenance

## Project duration:

January 2018 to March 2019

## Project location:

Curaçao

## Product quality:

Conductivity < 500 uS/cm

## Project application:

Golf Course Irrigation

## Typical contract amount:

300.000 – 700.000 EUR

**LENNTECH**  
WATER TREATMENT SOLUTIONS