Project Description:
Lenntech has engineered, installed and commissioned a turnkey pilot system pertaining MMF, followed by UF, GAC and IX softening, as a last step the water is demineralized with use of a high recovery CCRO system (93%) for cooling tower make-up water in Switzerland. The treated water is used as make-up water for the cooling tower in order to maintain conductivity < 850 µS/cm. In this way a lot of tap water can be saved as make-up 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
- Multimedia filtration
- Ultrafiltration (hollow fiber)
- Granular Activated Carbon (100% Redundancy)
- IX softener
- Close Circuit Reverse Osmosis
- Chemical cleaning station
- Siemens PLC
- Site installation and commissioning

Project duration:
February 2018 to December 2018

Project location:
Switzerland

Product quality:
Conductivity < 30 µS/cm

Project application:
Cooling Tower Blow Down Re-Use

Typical contract amount:
350,000 – 600,000 EUR