



Water for bottling production

Nigeria, 36 m3/h of bottled water from borehole

Aim of the Project

Lenntech has engineered, manufactured, assembled and started a water treatment system to produce drinking water for a bottled water production chain, from borehole water in Nigeria.

The plant features a pretreatment with multistage filtration and UV disinfection, a main treatment with reverse osmosis (RO) and post treatment with dosing stations and ozonation for disinfection.

The installation is fully automated and produces 36 m3/h of usable water for the beverage production.

The system is completely from European origin, with CE marking.

Scope of Work

- ✓ Engineering, manufacturing and assembly
- ✓ Skid mounted system
- ✓ pH adjustment and antiscalant dosing
- ✓ Multimedia filtration
- ✓ UV disinfection
- ✓ Cartridge filtration
- ✓ RO system
- ✓ CIP station
- ✓ Ozone disinfection
- ✓ Distribution system
- ✓ PLC controlled system
- ✓ Full automation during process
- ✓ Site commissioning

Plant specs

❑ Feed water quality

E. Conductivity : 100 $\mu\text{S}/\text{cm}$

❑ Product water quality

E. Conductivity: < 20 $\mu\text{S}/\text{cm}$ *as per client's requirement

Hardness: < 2 ppm CaCO_3

Project duration

- ❑ Engineering/Manufacturing: Feb-Nov 2024
- ❑ Installation/Commissioning: Aug-Sept 2025