

# ULTRA-PURE WATER PRODUCTION

## CASE STUDY | Scientific Applications

WATER TECHNOLOGIES



### || The client's needs

- Ultrapure water that complies with hydrological analyses
- Flexible distribution of ultrapure water

### | The solutions

*This solution is part of a Water as a Service (WAAS) offer.*

- **PURELAB CHORUS 1 ANALYTICAL**

This system provides a complete solution for obtaining ultrapure water from pre-purified water. It is ideal for laboratories requiring up to 100 litres of 18.2 megaohms-centimeter (MΩ.cm) ultrapure water.

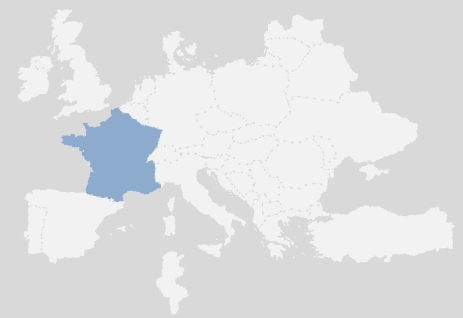
- **HALO DISPENSER**

While the direct use of freshly produced water is the best solution, it can sometimes be necessary to fill different flasks, burettes and other Erlenmeyer flasks of widely varying heights and diameters. Purelab Chorus™ and its Halo offer a wide range of dispensing options gives complete confidence in organic purity thanks to real-time monitoring complete confidence in organic purity. Enabling the customer to focus on attaining accurate results while ensuring an uninterrupted workflow.



*With WAAS, you only pay for the water you use and the management of your equipment is delegated to our experts. And, of course, if your laboratory's needs change, our solutions will adapt!*

*Ulrich Dubar, Scientific and healthcare sales engineer, VWSTI*



Lille, France

### | The client

A French foundation dedicated to the study of the biology of microorganisms, diseases and vaccines.

### Key figures

**5 years**

Duration of the WaaS contract

**15,000 liters per year**  
of ultrapure water

**18.2 MΩ.cm at 25°C**  
inorganics

**1 to 3 ppb TOC**  
Organics

**less than 1 cfu/ml**  
Bacteria

## | Introducing Water as a Service

Water as a Service (WaaS) is a comprehensive offering that delivers a water treatment solution. It includes equipment and associated services that guarantee optimum water quality and quantity for the client's production processes.

### Full service contract

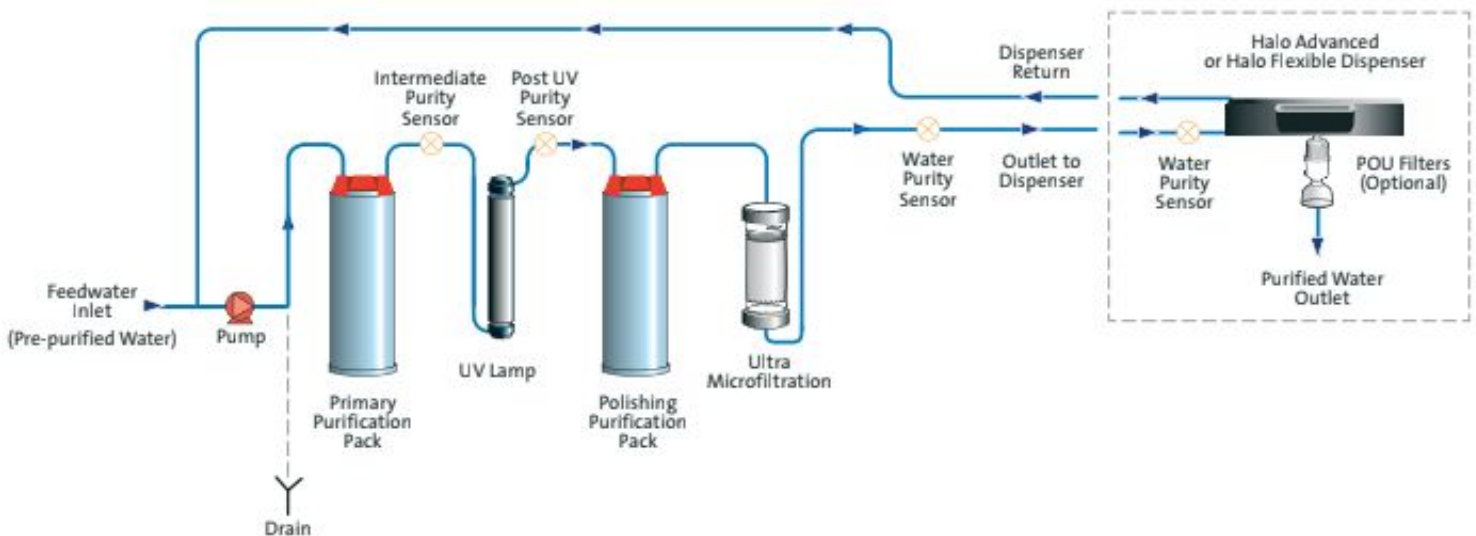
3 to 5 years

- Equipment rental
- User training
- Consumables
- Regenerations
- Maintenance

### | Advantages of WaaS

- 0 capital expenditure
- Reduced risk
- Guaranteed production continuity
- Operational efficiency
- No warranty limitations
- Flexibility: constant adaptation to production needs

## | How the installation works



**Veolia Water Technologies**

Windsor Court, Kingsmead Business Park, High Wycombe, HP11 1JU

[www.veoliawatertechnologies.co.uk](http://www.veoliawatertechnologies.co.uk)