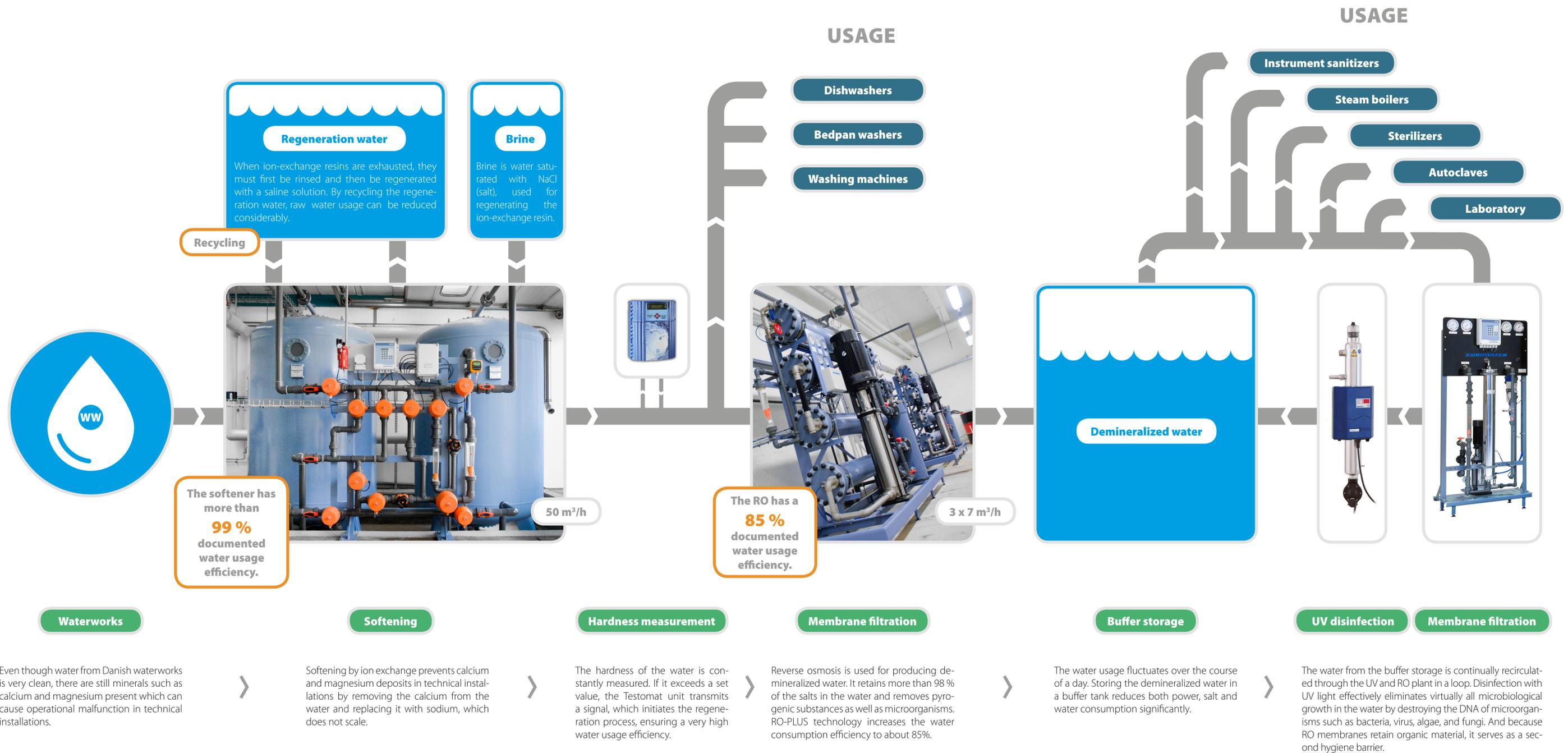


# Odense University Hospital water treatment system



## Energy and water efficient water treatment system

The hospital is one of three university hospitals in Denmark. Thousands of patients are treated at OUH every day and it is an expressed ambition to ensure that every patient receives highly qualified treatment and feels well treated in terms of nursing and care. In this ambition, **access to water in the right quality at the right place** plays an important role.

The water treatment system is based around a **centralized plant** where the raw water is supplied by the local waterworks.

The hospital requires a **reliable and robust** water treatment and it has been important to exploit new and energy efficient technologies in order to minimize the consumption of water, consumables and energy.

Odense University Hospital (OUH) has gained considerable savings due to reduced water, salt and energy consumption based on water treatment plant. Compared to the previous installation they **save more than 10.000 m<sup>3</sup> water per year**.

## Units in the plant

- STFA 30 duplex softening unit
- Testomat on-line hardness measurement
- Equipment for recycling regeneration water
- 3 x RO-PLUS C2-6+2 reverse osmosis units
- Wedeco Aquada UV disinfection unit
- RO B1-1 reverse osmosis disinfection unit

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