

# WATER MANAGEMENT

## 1. Definition

Water management includes the activities and actions required to stop pollution of water bodies, prevent natural disasters, and allows for more efficient use of water resources. Water is a vulnerable resource and therefore its protection is extremely important.

## 2. The most interesting companies operating in the sector



**HUBER** is one of the internationally leading companies in the field. HUBER's adapted treatment processes contribute to the solution of the global water problems.



**Photonic Measurements** is leading the way with cutting-edge, high-quality solutions to water treatment. Innovative products that can target a vast range of water applications, including Drinking, Wastewater, Industrial Effluent, Receiving water and Environmental Testing, amongst others.



**HVR Water Purification AB** develops technology and products for the purification of household drinking water.

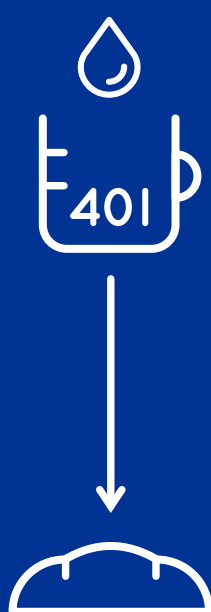


**QED Environmental Systems Design**, manufacture and support environmental technology solutions for ground-water, soil and gas management applications into industrial, environmental and energy markets worldwide.



**Seccua** is a global leader in the field of standardised ultra-filtration systems for purifying drinking water. The company has enough expertise to handle all the needs of clean drinking water in the long run. It has already completed over 1,500 projects across the world.

## 3. Interesting facts



**#1** About **71 percent** of the Earth's surface is water-covered – **97,5%** saltwater, **2,5%** freshwater

**#2** **2.1 billion people** do not have direct access to drinking water

**#3** **Agriculture** is the main consumer of water, using **70%** of world's available water each year

**#4** **It takes:**  
**40 litres** of water to make one slice of bread  
**1300 litres** of water to make one kilogram of wheat  
**4.800 litres** of water to make one kilogram of pork  
**16 600 litres** of water to make one kilogram of leather

## 4. How many jobs are in the area



The water supply, sewerage, waste management and remediation activities sector employed more than **1.4 million people** in the EU in 2017.

The water supply, sewerage, waste management and remediation activities sector accounted for **71 300 enterprises** in the EU in 2017.

Jobs per country for Blue economy sector\* (thousand)

Persons employed (thousand)	DENMARK	GERMANY	LITHUANIA	POLAND	SWEDEN
Blue economy	97.3	406.7	21.8	162	80.0

\*Blue economy is a term in economics relating to the exploitation and preservation of the marine environment.

## 5. Future

By 2050, the report predicts, between **4.8 billion** and **5.7 billion** people will live in areas that are **water-scarce** for at least one month each year, up from **3.6 billion** today.



## By 2050...

By 2050, the number of people at risk of **floods** will increase to **1.6 billion**, from **1.2 billion**.

