

Sustainable development objectives and contamination of water by pollutants

The sustainable development goals are linked to water and sanitation in different ways. Water management is a major issue worldwide. Water is a vital resource, present all over the globe. Unfortunately, access to drinking water is affected by a number of factors, including pollutants. Pollutants are omnipresent in the environment and find their way into water, polluting water resources.



Sustainable development objectives (SDGs)

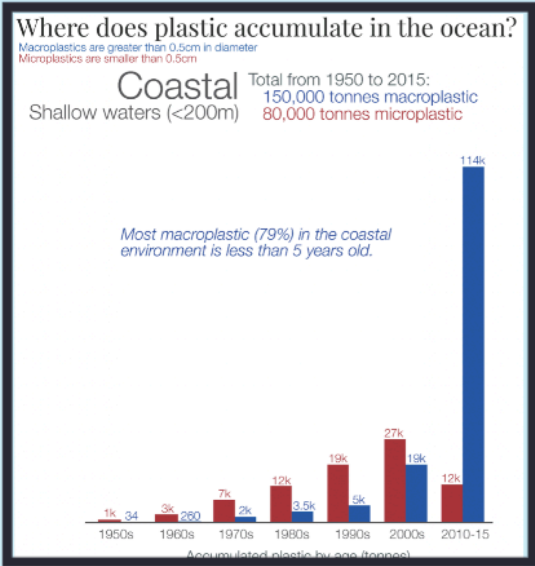
The Sustainable Development Goals are 17 targets set by the Member States of the United Nations, adopted in 2015. Their aim is to eradicate poverty, protect the planet and ensure that all human beings live in peace and prosperity by 2030. All these goals are interconnected and respond to the global challenges we face.

Water and sustainable development objectives

Various SDGs are directly or indirectly linked to access to drinking water and sanitation. Examples :

- These include SDG 6 water and sanitation.
- Number 3 is also based on good health and well-being.
- Sustainable development goal 13, combating climate change, is also linked to water.
- Finally, goal 15: life on earth has a link with water. Water is at the heart of all the objectives, in one way or another.

It is essential to health, education and the environment, and is also used in the production of energy, for example to cool thermal power stations.

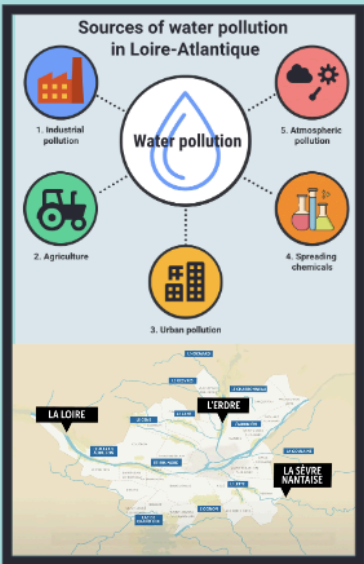


Water-related challenges

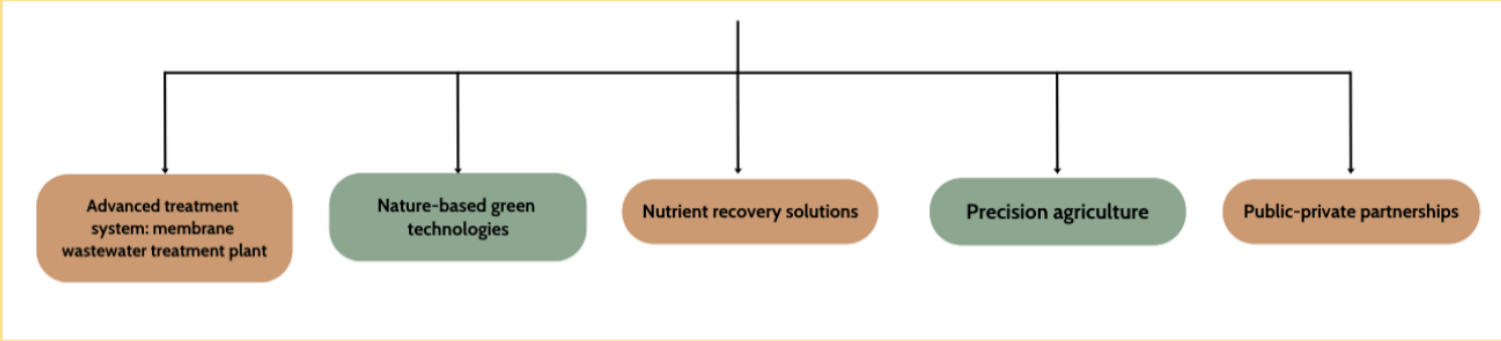
The global water challenges are numerous and complex. There is a need to ensure access to drinking water, to counter inadequate sanitation, to respond to water shortages, to meet the challenges linked to agriculture and food security, and to adapt to climate change. A major challenge is to protect water resources from pollution.

Water-related challenges in Loire-Atlantique

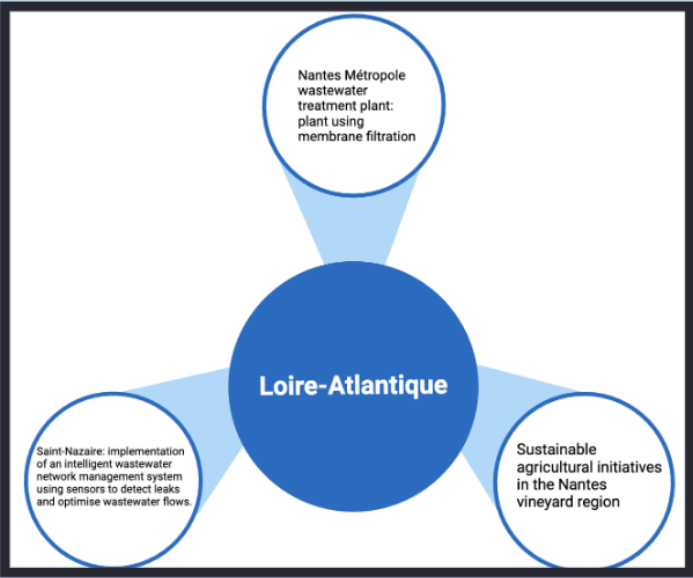
The Loire-Atlantique region has a number of water quality problems. With its many rivers and coastlines, pollutants can contaminate water resources, affecting aquatic biodiversity and posing risks to human health. Effective wastewater management in this region is essential to prevent water pollution. Sewage systems must be sufficiently developed to reduce the risk of contamination.



Innovative technologies and approaches to solving water-related problems



Successful examples in Loire-Atlantique



Raising awareness of water issues and the importance of preserving aquatic ecosystems can encourage responsible behaviour and support the implementation of conservation measures. It is vital to preserve water and limit its pollution, in line with the objectives of sustainable development.