



## EU vision for smart water management

Now more than ever we need to address the pressing water challenges, adapt water resource management to climate change, combat resource pollution and depletion, manage competing sector demands for water, address the water – energy nexus, and prevent degradation of the ecosystems. Water is key for the economy and the society.

The EU is engaged in addressing these challenges through exhaustive water and environment policy and implementation measures. Supporting research and innovation in the water sector has also been one of the priorities.

## Digital solutions for boosting water innovation

Digital solutions are important for addressing water challenges. Promising results from the EU funded projects demonstrate the need for the digital transformation of the water sector. At the same time, the water sector is going through transformations targeting at resource efficiency, and water re-use in the context of a more circular rather than linear value chain approach. These transformations bring new challenges in terms of automation and digitalisation requirements similarly to what has happened in other industries and sectors.

To face this challenges, the ICT4Water cluster has developed an Action Plan <http://europa.eu/dg83Mm>

## What is the cluster?

The ICT4Water cluster is a hub for EU-funded research and innovation projects developing digital innovations for the water sector. It brings projects together supporting them to:

- exchange information and best practices
- disseminate and exploit project outputs
- contribute to defining digital water strategies
- contribute to policy development in digital and water domain

*ICT4Water cluster*



[www.ict4water.eu](http://www.ict4water.eu)  
[@ict4water\\_eu](https://twitter.com/ict4water_eu)

Water innovation  
Digital Solutions for water  
Smart Water Management  
Resource Efficiency  
Digital Single Market for Water sector  
Circular Economy

From the beginning of 2018, the cluster is led by the  
**Executive Agency for Small and Medium-sized  
Enterprises – EASME**

As of 2019,  
around 50 projects  
are members of  
the cluster.

These projects work  
independently,  
but meet regularly  
to exchange data,  
experience, and results.

Do you want more  
about the cluster?

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