

PARTNERS:



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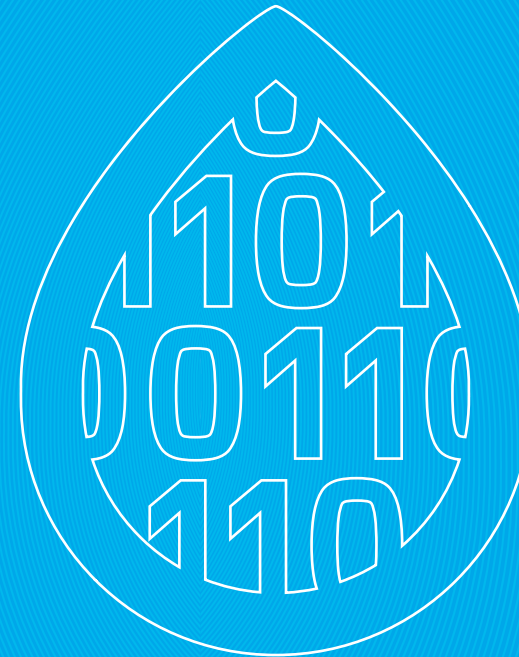


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Integrated Support System for Efficient Water Usage and Resources Management



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The **ISS-EWATUS** project is an interdisciplinary effort from specialists in the fields of water management and ICT research to develop an intelligent Integrated Support System for Efficient WATERUSage and resources management (ISS-EWATUS). The project will develop several innovative ICT methods aiming to exploit the untapped water-saving potential in the EU. The overall goal will be achieved by developing an innovative, multifactorial system capable of optimising water management and reducing water usage.

At the household level:

- a) an information system for gathering data about water usage is planned in order to increase awareness regarding water consumption; the data will be interpreted and presented to household consumers in an understandable way using mobile devices (smartphones, tablets etc.),
- b) a household Decision Support System (DSS) will be developed for mobile devices to reduce water consumption,
- c) a social-media platform will be developed to reinforce water-saving behaviours of consumers by means of social interactions among users (and between consumers and experts in water-saving techniques).

At urban level:

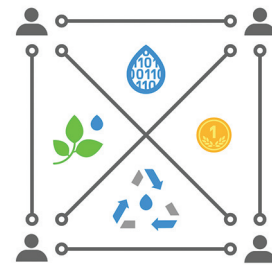
- a) an innovative Decision Support System for reducing leaks in the water delivery system will be built,
- b) an adaptive pricing policy will be developed as an economic instrument to encourage water-saving behaviours and reduce peaks in water and energy distribution loads.

Efficient water management



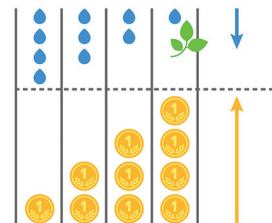
Decision Support System for the efficient water management at households and at municipal water companies.

Water-saving behaviour



Social-media platform for creation and deployment of a social network supporting local, national, and international levels, aimed at water stakeholders (consumers and providers).

Adaptive water pricing system



Adaptive water pricing system to assess the implications of current and optimal water pricing policies.