



# FP7 URBAN WATER PROJECT



## Intelligent Urban Water Management System

### Project Description

The optimisation and continuous improvement of water management is a basic foundation for city sustainability, reducing the effects of climate change, water stress and overpopulation.

The European FP7 Urban Water project develops a platform based on information and communication technology that helps to optimise water management.

This Urban Water platform includes solutions relating to demand predictions, water availability and decision-making support systems to improve water management.

The result is a reduction in water loss, energy optimisation of processes and adjustment of supply to the demand.

The project improves data management in real-time and interior leak detection, benefitting citizens.

Furthermore, advanced remote reading and measuring solutions have been rolled out, which allows water consumption to be seen in real-time on

a website that includes games that raise awareness about water usage and a rate discount section.

In the project, the client has an active role in management optimisation, moving from being a mere user to interacting and providing information, and plays an important part in the continuous improvement of a Smart sustainable environment.

The website can be downloaded on mobile phones in order to see consumption and set up alerts and messages. Furthermore, Urban Water is an open platform, which boosts its enhancement and the possibility of collaborating with other organisations.

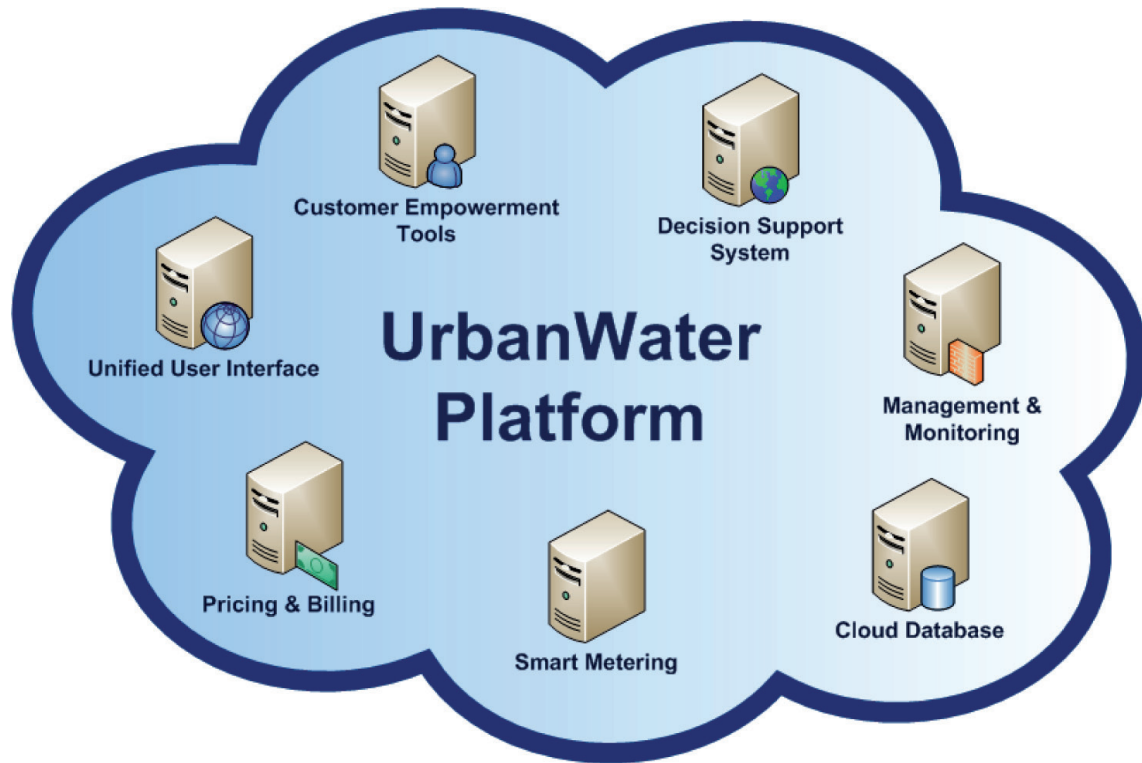
The project is validated in Almeria, in Janovice (the Czech Republic, through an Aqualia subsidiary) and Tavira (Agua do Algarve, Portugal).



**Location:** Almeria (Spain) and Janovice (Czech Republic)

**Duration:** From the 1<sup>st</sup> of December 2012 to the 30<sup>th</sup> November 2015

**Total Budget in Euro:** 4,806,216 € **Aqualia:** 349,674 € **OVID:** 387,812 €



## PROJECT PARTICIPANTS

- FCC Aqualia S.A. (Leader)
- Sagemcom Energy & Telecom (France)
- Hydrometeorological Innovative Solutions (Spain)
- Universidad de Zagreb (Croatia)
- Red Skies Limited (United Kingdom)
- Redknee Gmbh (Germany)
- Serious Games Interactive (Denmark)
- Aqualogus (Portugal)
- Taviraverde. Empresa Municipal de Ambiente (Portugal)
- Ateknea Solutions Catalonia (Spain)
- Ovod Spol (Czech Republic)



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Tavira Verde



Ateknea Solutions



opravy, prodej vodoměrů

## DETAILS OF FUNDING

**Funding:** 7<sup>th</sup> Framework Programme of European Union (FP7).

**Organism:** European Commission (EC).

**Project:** FP7-ICT-2011-318602.

**Grant:** Subsidy of 53% of budget.

**Funding Received**  
**Total Budget in Euro:** 3,079,773 €  
**Aqualia:** 188,175 €  
**OVD:** 196,246 €