

Project Acronym: RESCCUE

Full title: Resilience to cope with Climate Change in Urban areas – a multisectorial approach focusing on water

Funding instrument: H2020. **Topic:** DRS-09-2015 - Disaster Resilience; Climate Change topic 1: Science and innovation for adaptation to climate change: from assessing costs, risks and opportunities to demonstration of options and practices.

Coordinator: Aquatec. Angel Villanueva (angelv@aquatec.es)

Beneficiaries: 18 partners (2 Universities, 3 Research Centers, 1 Foundation, 3 City Councils, 5 big utilities, 3 SMEs, 1 World Organization)

Countries: Spain, France, United Kingdom, Portugal

EU contribution: 6,9 M€

Start date: 01/05/2016 **End date:** 30/04/2020

Duration: 4 years

Contact point for the ICT4Water cluster: Marc Velasco (marc.velasco@suez.com)

Goal of the project

- To help cities around the world to become **more resilient** to physical, but also social and economic challenges by **generating models and tools** to bring this objective to practice and make them applicable to different types of cities, with different climate change pressures.
- RESCCUE will also assist cities preparing their **resilience plans**.



Previous and ongoing common experiences in successful R&D+i EU projects on Climate Change and Resilience

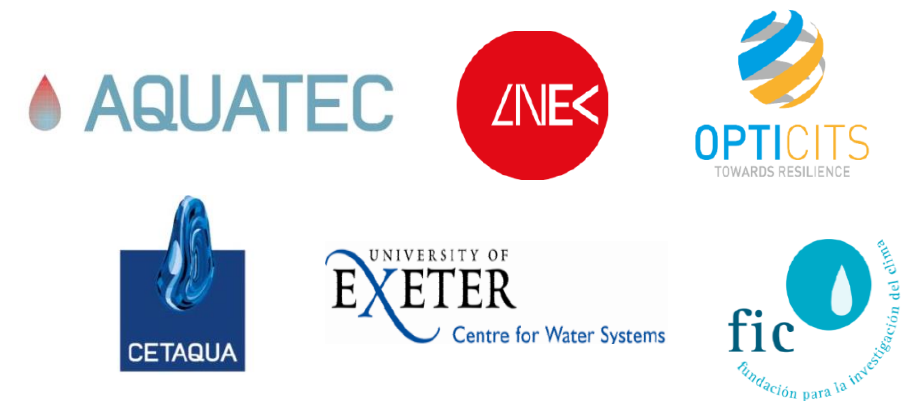


Partners

✓ The whole consortium



✓ The core team

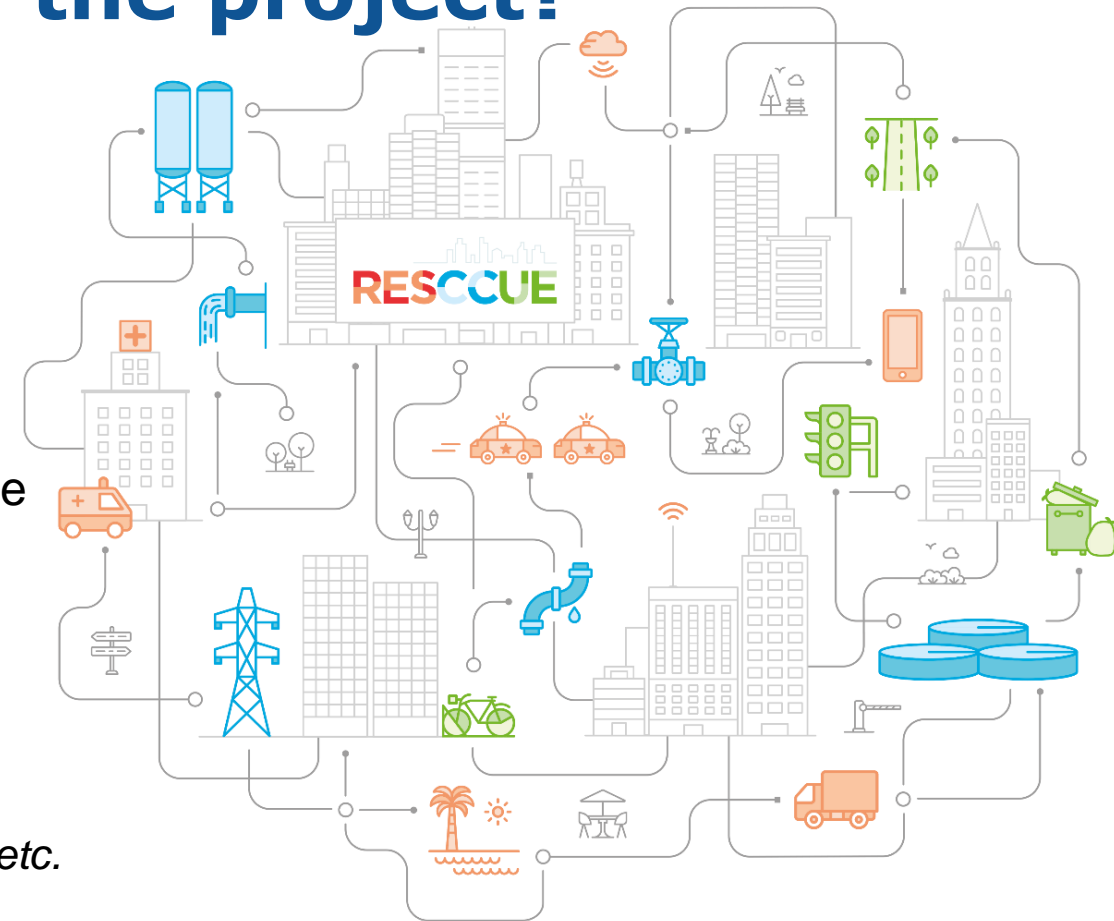


What is the key innovation in the project?

Holistic assessment of urban services

Cities cannot be understood by sectorial and disciplinary approaches alone. In this sense, RESCCUE presents a forward looking, **multi-scale, multisectorial and multi-hazard methodology**. The project takes advantage of the HAZUR® tool to help analyze the **interdependencies** between different city services, monitoring the city and **simulating cascade effects** in case of impacts (*).

(*) *Impacts on strategic urban services such as water supply, urban drainage, solid waste, telecommunication, energy supply, transport, etc.*



In which areas do you seek collaboration or support

Now starting the last year of the project. We should focus on making sure that RESCCUE results create real impact in cities.

- Exploitation of RESCCUE results
- Financing adaptation strategies defined in the Resilience Action Plans
- Replicability of the project results
- Dissemination of the RESCCUE guidelines

Keywords

- Urban Resilience
- Climate change adaptation
- Crisis management and preparedness
- Critical infrastructures
- Urban services interdependencies
- Cascade effects