

## Cetaqua (Water Technology Centre)

Cetaqua is a model of public-private partnership created to guarantee the sustainability and efficiency of the water cycle, taking into account regional needs.

### AREAS OF ACTIVITY

**Media & Communication, Social Science & Humanities, Youth Action**

### OPPORTUNITIES

#### PROJECT

#### **RESCCUE - Resilience to cope with climate change in urban areas**

RESCCUE is an H2020 research project that aimed to deliver a framework enabling city resilience assessment, planning and management by integrating into software tools new knowledge related to the detailed modelling of strategic urban services performance. These tools assess urban resilience from a multisectorial approach, for current and future climate change scenarios and including multiple hazards. The RESCCUE methodology was tested in 3 EU cities (Barcelona, Bristol and Lisbon). Based on the existing climate plans of the cities and workshops with stakeholders, the project proposed 4 strategies and 27 measures for Barcelona, 3 strategies and 14 measures for Bristol and 6 strategies and 24 measures for Lisbon. What RESCCUE has produced is only the beginning. RESCCUE will have a significant impact on the urban resilience sector in Europe because the methodologies and tools developed to enable city resilience assessment, planning and management, can be easily used elsewhere so other cities can replicate the RESCCUE results. All RESCCUE's results, the main tools, models, data sets and methodologies are showcased in an end user, city manager and urban service operator-oriented toolkit. These solutions are ready to be deployed to different cities with different climate change pressures. Contacts: David Pacheco Modesto and Beniamino Russo

<https://www.ecca21.eu/participants/232> -

<https://www.ecca21.eu/participants/1469> Official website of the project:

<https://toolkit.resccue.eu/>

#### Applies to

**Local level, Coordination, Energy sector, Urban planning, National level, Regional level, Infrastructures, Water management, Climate modelling, Adaptation strategy, Transportation sector, Extreme weather events, Climate change adaptation, International cooperation, Networking and cooperation, Marine, coastal, fluvial management, Disaster risk management and reduction, Decision support tools, decision-making, Exchange of knowledge and good practices, Assessment of climate change impacts (physical, economic, social...)**



## ECCA 2021 - Climate Adaptation solutions - RESCCUE

Video <https://youtu.be/z2Z57J2DPJI>

The image shows a YouTube video player thumbnail with a red background. At the top left is the ECCA logo. The title 'ECCA 2021 - Climate Adaptation solutions - RESCCUE' is centered at the top. A 'Copy link' icon is in the top right. The word 'SCENARIO' is written in large white letters in the center. Below it are two white-outlined boxes representing presentations. The left box is labeled 'CURRENT' and shows a simple flowchart. The right box is labeled 'FUTURE' and shows a more complex flowchart with circular nodes. A red play button icon is positioned between the two boxes. At the bottom left, there is a black bar with the text 'Watch on YouTube' and the YouTube logo.