

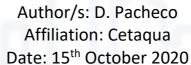
This Project has received funding from European Comission by means of Horizon 2020, The EU Framework Programme for Research and Innovation, under Grant Agreement no. 700174

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RESILIENCE TO COPE WITH CLIMATE CHANGE IN URBAN AREAS.

D7.2. Development of the dissemination and promotional material: leaflet, website, video, publications, dissemination workshops, final conference, etc.









































RESCCUE - RESilience to cope with Climate Change in Urban arEas - a multisectorial approach focusing on water Grant Agreement no.700174.

DELIVERABLE NUMBER:	7.2.
DELIVERABLE NAME:	Development of the dissemination and promotional material: leaflet, website, video, publications, dissemination workshops, final conference, etc.
WP:	WP7
DELIVERY DUE DATE:	15/10/2020
ACTUAL DATE OF SUBMISSION:	15/10/2020
DISSEMINATION LEVEL:	Public
LEAD BENEFICIARY:	Cetaqua
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EXTERNAL REVIEWER:	Marc Velasco (Aquatec – SUEZ)

1. Changes with respect to the DoA

Some materials described in this deliverable were not planned in the DoA. The set of infographics, the RESCCUE guidelines and the RESCCUE Toolkit were included at the middle and last stages of the project as key materials to disseminate the project's approach, objectives and main results and outcomes.

2. Dissemination and uptake Public

3. Short Summary of results (<250 words)

In order to disseminate the project approach, objectives, results and outcomes, a set of dissemination materials, both in printed and digital formats, such as a website, a leaflet, a video, a set of infographics, a set guidelines or a toolkit have been developed throughout the project's lifetime.



Besides, RESCCUE has organized several workshops and a final conference, which took place virtually on 20th and 21st October 2020 and gathered over 500 international experts to discuss urban resilience and climate change.

- 4. Evidence of accomplishment
 - This report
 - All the files uploaded in WP7 Basecamp
 - RESCCUE Toolkit (www.toolkit.resccue.eu)





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1. RESCCUE website

At the beginning of the project, the RESCCUE website was launch with the aim of gathering key information and news on the initiative. Over the lifetime of the project, apart from keeping RESCCUE's audiences updated on the activity of the project, this website has become a 'reference portal of urban resilience'. In this sense, the website has received a steady flow of almost 400 visits per month since it was launched in October 2016, reaching more than 500 monthly visits during the last year of the project.



Figure 1 RESCCUE website

Throughout the lifetime of the project, a lot of effort has been placed in updating the website with news, articles and blog entries, where all the partners are actively contributing. Yearly calendars were set in order to define the dates and authors of the different entries. This has served to meet the objective of becoming a reference portal on urban resilience, since RESCCUE has taken advantage of the expertise of its partners to create a space where to showcase interesting results, inspiring thoughts and ideas on urban resilience and climate change.



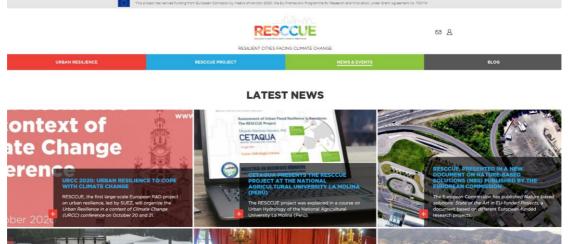


Figure 2 News section in RESCCUE website

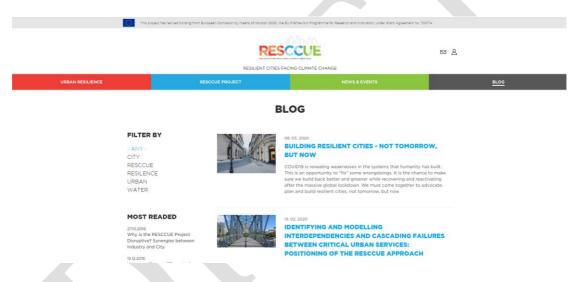


Figure 3 Blog section in RESCCUE website

Besides, the RESCCUE website has been the keystone for the dissemination of the project. This website has been updated regularly with information related to the progress of RESCCUE and its partners, as well as with the most relevant outcomes. Likewise, it has served as a repository for different materials, documents and information.

The "Downloads" section, which can be found in the "RESCCUE project" tab, compiles all the promotional materials, deliverables, scientific publications and a photo and video gallery of the project.



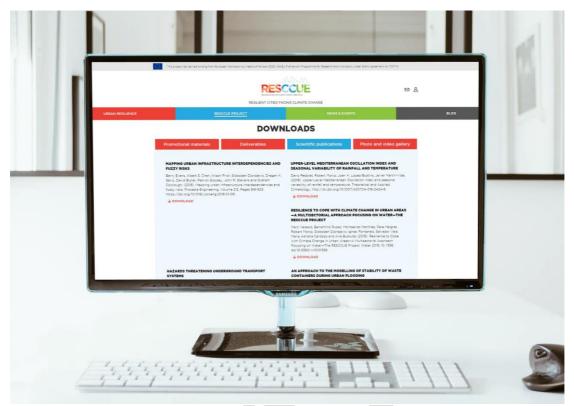


Figure 4 Downloads section in RESCCUE website

At the bottom of each page any user can see the event calendar, which showcases the list of events where RESCCUE has been or will be presented, and those organized by RESCCUE, and the media clipping, where all the appearances in media of the project are listed.

EVENT CALENDAR



Figure 5 Events calendar in RESCCUE website



MEDIA



Figure 6 Media clipping in RESCCUE website

2. Set of infographics

Although the main graphical materials of the project were already created at the beginning of the project, in March 2018 the following materials were developed in order to reinforce the communication of RESCCUE through visual means:

- RESCCUE infographic (Figure 7), to communicate the essence of the project in a minimal, easy-to-understand way.
- RESCCUE timeline (Figure 8Figure 8), to give an overview of the project workflow.
- RESCCUE in one slide (Figure 9Figure 9), an informative slide that serves to briefly introduce the project context and main information when presenting the project at events.





Figure 7 RESCCUE infographic





Figure 9 RESCCUE in one slide



3. Promotional leaflet

Despite the fact that RESCCUE communication and dissemination materials have been mainly focused on on-line activities, some printed promotional materials have also been produced. Precisely, a **leaflet** was planned with the aim of spreading the word about the project, especially at events, congresses and conferences. It provides a brief overview of the RESCCUE context, its main objectives and expected results.

Besides, this material includes an infographic that helps to understand the project in a easy-to-understand and visual way.

The leaflet is divided in the following sections to explain in detail Different aspects of the project:

- On the main page, **the graphic identity** is reflected with the use of the logo and the corporate colours of the project.
- In the back pages (Figure 10), the **approach of the project is** explained in detail by means of an infographic and the logos of the RESCCUE partners are shown.
- In the inner part (Figure 11) the context, objectives and case studies are described. Finally, the main results and stages to be undertaken to get to them are also outlined.



Figure 10 Promotional leaflet I



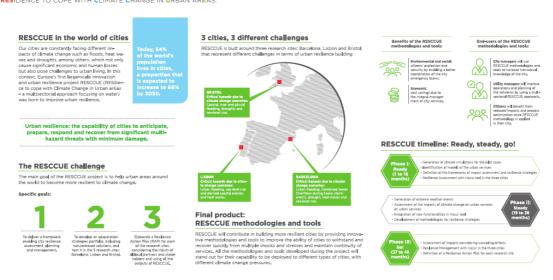


Figure 11 Promotional leaflet II

4. RESCCUE video

The RESCCUE final video is a short animation film that summarises the project's approach, objectives and outcomes in an easy-to-understand-way, as it is addressed to potential-end users (technical and non-technical) and general audiences.

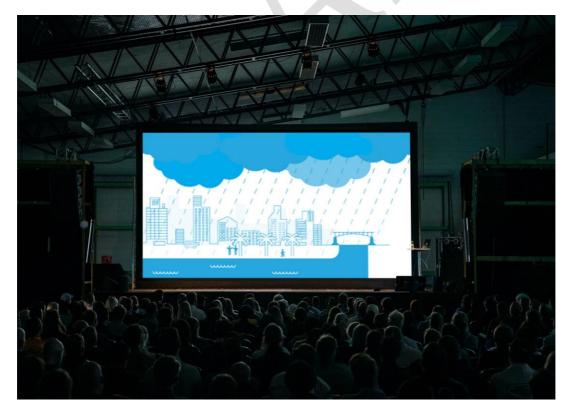


Figure 12 Mockup of the RESCCUE video being played in a theatre



The main objective of the RESCCUE video is to raise awareness on the role of urban resilience against climate change impacts and foster replicability.

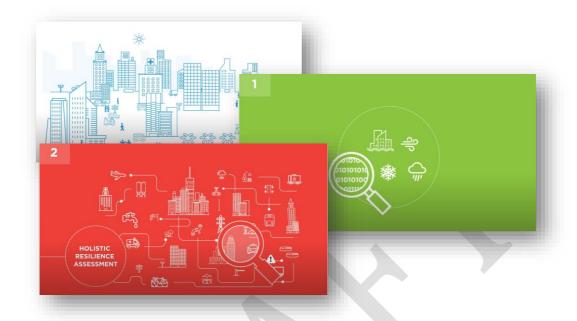


Figure 13 Screenshots from the RESCCUE video

5. RESCCUE Guidelines

During the last stages of the project, the main objective in terms of communication and dissemination has been the promotion of the widest application of the RESCCUE tools and methodologies in other cities. In this regard, the RESCCUE Guidelines and the RESCCUE Toolkit are key to meet this goal.

Several guidelines on the different RESCCUE Work Packages (WP) have been developed aiming at providing the end-users with its most relevant outputs. These materials, which are available both printed and online, synthesize the key outputs of each stage of the project in an attractive and easy-to-understand format and serve to present a roadmap on how to apply the RESCCUE methodology in different cities (Figure 14). The pack of 6 guidelines is described below:





Figure 14 Mockup of the RESCCUE guidelines #1

- 1. How to use climate scenarios for analysing climate-related impacts in cities: The creation of climate change scenarios, according to different climate variables, facilitates the implementation of adaptation measures as well as reduces the level of uncertainly.
- 2. How to analyse the behavior of critical urban services under climate pressures: Testing different methodologies in order to develop multiple hazard assessment for strategic urban services and infrastructure provides deep knowledge about the behavior of urban services under extreme climate conditions.
- 3. How to estimate direct, indirect and subsequent cascading impacts from climate driven hazards: The failure of services due to climate driven hazards may trigger further impacts and disruptions to other services, known as cascading effects. Within RESCCUE, the potential impacts on critical infrastructures and services as a result of climate driven hazards were selected to be assessed in the cities of Barcelona, Bristol and Lisbon for both current and future climate scenarios.
- **4.** How to globally analyse, diagnose and manage urban resilience with a holistic approach: With a holistic resilience approach, the city vulnerabilities can be identified, together with its critical infrastructures and key relationships among critical services, allowing to understand the existing interdependences.
- 5. How to effectively prioritise adaptation strategies to enhance urban resilience: Cities must adapt to increasing climate impacts, by setting an adaptation strategy based on the context, on its resources and necessities, of each city.



6. How to develop and implement a Resilience Action Plan (RAP) in your city: Water-related risks may be aggravated by climate change and eventually condition the correct functioning of the city. The Resilience Action Plan finds the best responses for those gaps.

6. RESCCUE Toolkit

Likewise, in order to ensure the replicability of the tools and methodologies developed within the project, RESCCUE developed the **RESCCUE Toolkit** (www.toolkit.resccue.eu), an interactive space where the main project results are gathered, along with the set of guidelines outlining the steps to be taken to make your city resilient.

The RESCCUE Toolkit allows the users to navigate through the different guidelines and find out all the project results, including databases, tools, methodologies and templates. Besides, from the RESCCUE Toolkit the user can access the RESCCUE maps on the Clarity portal and interact with them. Finally, general information on the three case studies can be found as well as extra materials, such as scientific publications, maps and deliverables of the RESCCUE project.



Figure 15 Screenshot from the RESCCUE Toolkit - Topics

This platform showcases all the tools, datasets and methodologies developed within RESCCUE sorted by topic and by the three case studies: Barcelona, Lisbon and Bristol. The user can select one topic (Figure 15)-related to each WP- and see the guidelines related to it, as well as the main results and expert contact info. Besides, the user can also see the specific results of each city, including a brief description of the case study and the main tools and databases developed on it.





Figure 16 Screenshot from the RESCCUE Toolkit - Guidelines

7. RESCCUE E-book

The RESCCUE e-book, developed in the framework of WP6 (Figure 17) is an interactive online document that gathers the main lessons learnt and results from the RESCCUE project. This material is addressed to potential end-users and general audiences and aims to foster repicability of the project's results.



Figure 17 Mockup of the RESCCUE e-book being read in a tablet



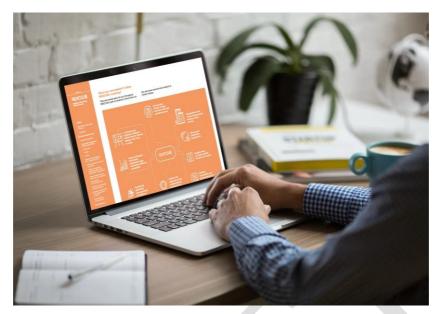


Figure 18 Mockup of the RESCCUE e-book being read in a computer

8. Publications

Regarding media, **over 150 articles referring to RESCCUE** were published during the lifetime of the project, both in Spanish and European technical and general media, as for example in La Vanguardia (Catalan general newspaper), the Covenant of Mayors, ICT4Water, etc. The full list can be seen in the bottom part of the news and events section of the RESCCUE website.





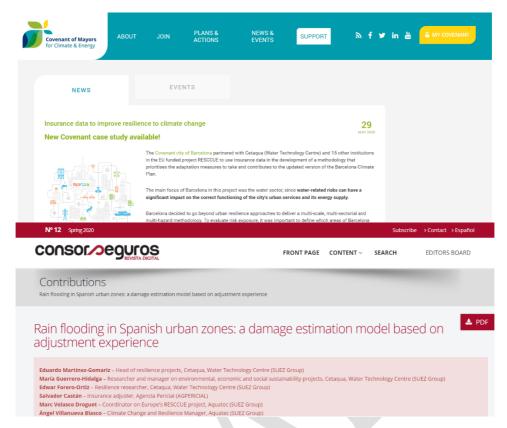


Figure 19 Sample of RESCCUE appearances in media in 2020

Regarding scientific dissemination, since the launch of RESCCUE, **over 30 project-related scientific papers** have been published. The full list is available in D7.8. Dissemination and Exploitation Plan (final updated version).

Besides, under the necessity of raising awareness on urban resilience, the project's team has guest edited a Special Issue (SI) in Sustainability, an open access journal from MDPI. This SI, entitled "Integrated Assessment of Climate Change Impacts and Urban Resilience: from Climate and Hydrological Hazards to Risk Analysis", contains twelve articles which address the main themes encompassed within the framework of the project.



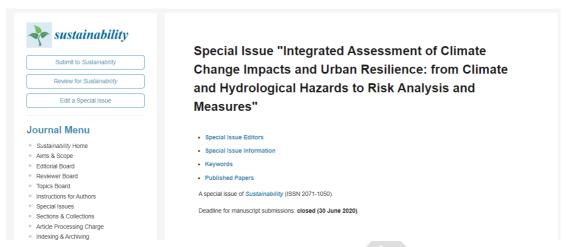


Figure 20 Screenshots from RESCCUE's Special Issue

Likewise, in the framework of RESCCUE's final conference (See page 26), another Special Issue, entitled "Urban Resilience in a Context of Climate Change" of Sustainability (MDPI) has been published. In this Special Issue, the eight more relevant papers accepted for the URCC conference have been published.

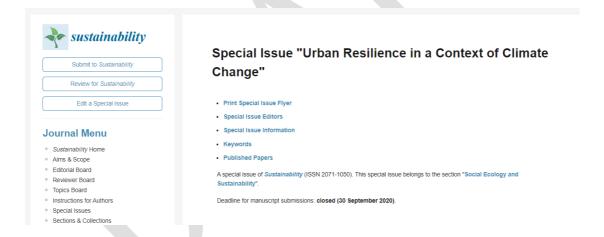


Figure 21 Screenshot of the "Urban Resilience in a Context of Climate Change" Speical Issue of Sustainability (MDPI)

More information about these Special Issues, about their guest editors and research themes, can be consulted on their website, being also possible to download each paper included in them:

- Special Issue: <u>Integrated Assessment of Climate Change Impacts and Urban</u>
 Resilience: from Climate and Hydrological Hazards to Risk Analysis
- Special Issue: Urban Resilience in a Context of Climate Change



9. Dissemination Workshops - PENDING

RESCCUE has been presented in almost 60 European and international events with the aim of disseminating its approach, advances and expected results to interested audiences as well as presenting the main ideas of urban resilience and its benefits to society. The full list of events where RESCCUE has been presented during the current reporting period is available in D7.8. Dissemination and Exploitation Plan (final updated version).

Besides, RESCCUE has led or participated in different joint dissemination initiatives in search of a greater impact at EU level. In this sense, in the first quarter of 2018, the application for the **Common Dissemination Booster (CDB)** services was accepted. This initiative, promoted by the European Commission, is dedicated to the dissemination of research projects' results. Finally, the cluster formed by 4 H2020 resilience-focused projects: RESCCUE, BRIGAID, RESIN and EU-CIRCLE, participated in the following services:

- Portfolio identification
- Portfolio Dissemination Plan Development
- Dissemination Campaign in Practice

This initiative ended with the participation of RESCCUE in the **RESIN Final Workshop** in Brussels, on the 8th October 2018. Nevertheless, there were some remaining resources from the Common Dissemination Booster that were used in 2019. Hence, during the first quarter of 2019, several **joint dissemination materials** have been created by the Common Dissemination Booster:

- Joint flyer with EU-Circle, BRIGAID, RESIN and RESCCUE, including the common message from the 4 projects.
- Press release on the participation in the ECCA 2019 conference.
- Joint slide including information on the RESCCUE group, to be used at ECCA 2019 and other dissemination events.
- Collaboration section on the RESCCUE website, about commonalities between the projects in the group.
- Joint video explaining the main challenges addressed by the projects in the group, as well as the reported results and main benefits.

On the other hand, RESCCUE sponsored the **European Urban Resilience Forum**, a Resilient Cities side event, organised by ICLEI in Bonn (Germany) on the 25th of June. As a sponsor, RESCCUE was present in all the communication materials of the event, installed a booth at the venue and different RESCCUE partners presented their work within the project.



Likewise, RESCCUE, together with BINGO and PLACARD was **one of the co-organisers of the European Climate Change Adaptation Conference (ECCA) 2019**, the largest conference on climate change in Europe. This event, which was held in Lisbon from 28th to 31st May 2019, brought together national, regional and local researchers, technicians, decision-makers, authorities and agencies with responsibility for implementing climate change adaptation measures, business, non-governmental organisations and general society. Over 1000 participants joined the conference.

Being a co-organiser of ECCA 2019 was a major opportunity for RESCCUE to gain visibility and disseminate its results, reaching different audiences at a national, European and International level. Different communication actions, including appearances in general media (TV, newspapers, etc.), 12 press releases, several blog posts and social media contents (images and videos), among others, were carried out before, during and after the event. Information about RESCCUE was disseminated within these actions and materials.

Besides, **RESCCUE** installed a booth at ECCA 2019, which provided information on the project. Hence, during the conference days, technical and informative materials related to RESCCUE were handed out directly to the participants. Regarding scientific dissemination, different oral presentations were carried out by project partners to present RESCCUE's approach, research and results.

Aquatec-SUEZ Advanced Solutions and Cetaqua were members of the ECCA 2019 Organising Committee. During the year before the conference, the Organising Committee had periodical meetings to discuss different issues related to the organisation of the event, including communication, abstracts review, etc.





Figure 22 E.Martínez (Cetaqua) during one of his presentations at ECCA 2019

Regarding the **RESCCUE local workshops** (MS9, MS10, MS11), 3 events were organised in the last year of the project.

The RESCCUE British partners organized on 5th December 2019 the **Bristol local workshop**. The main purpose of this meeting was to present the project's results and to discuss climate flood risk in the city with key providers to help improve preparedness for extreme weather events.



Figure 23 RESCCUE Brisith partners during the local workshop in Lisbon



The participants spoke about the costs and benefits quantifying climate adaptation solutions considering property damages assessment, power outages and traffic disruption. Likewise, the attendees also confirmed plans in this regard and committed to regular meetings based on the theme of preparatory emergency actions protocol.

Likewise, last 23rd January 2020, the workshop "Urban resilience as a continuous process", organised by the RESCCUE Portuguese partners, took place in the Lisbon City Council. This event, addressed to local stakeholders, was aimed at presenting the RESCCUE project results and promoting the use of the project's methodologies and tools, as well as to discuss further implementations. It brought together around 120 people from 28 public and private entities, from central, regional and local administration, including strategic stakeholders from different sectors involved in all phases of RESCCUE project, which have contributed throughout these almost 4 years, to affirm Lisbon as a resilient city to climate change.



Figure 24 Workshop "Urban resilience as a continuous process" in Lisbon

The session, moderated by Maria do Céu Almeida (LNEC), was attended by the Councilor for the Environment, Climate, Energy, and Green Structure, who welcome all the attendees. After a brief presentation of RESCCUE, carried out by Rafaela Matos (LNEC), Maria Joao Telhado (CML) went through the development of the project from 2016 to 2020 and explaining the main milestones that have been achieved using images. Then, the attendees had the opportunity to visit the sea level valve chambers and the wastewater pumping and lift Station in Down Town, with a guided visit by Águas do Tejo Atlantico, S.A.

Finally, in the case of Barcelona, the **local workshop** was planned for May 2020. Unfortunately, due to the coronavirus outbreak, this event had to be postponed, and



was rescheduled for the 10th of November 2020 as an online event as well. This encounter, which aimed to present the RESCCUE results in the case study of Barcelona, as well as the main experiences and outcomes from the Lisbon and Bristol cities, gathered around 50 participants (to be updated) who discussed on the presented results and their future application in other cities.

10. Final conference - PENDING

One of the crucial final dissemination actions of the RESCCUE project was the Final Conference (MS12). During the first quarter of 2019, the Organising Committee of this event, made up by representatives of Aquatec-SUEZ Advanced Solutions, Cetaqua, UN-Habitat and Barcelona City Council, was defined and started discussing the approach of the conference.

Instead of organising a final event focused on the results of the RESCCUE project, the Organising Committee decided to hold a broader conference, aiming at bringing together different actors from academia, administrations, businesses and local communities to discuss multiple aspects of urban resilience and climate change. Therefore, the RESCCUE Final Conference was finally given the name "Urban Resilience in a context of Climate Change (URCC)".

The main goals of the URCC conference were:

- Provide a space that facilitates dialogue among a diverse range of actors from academia, government, business and community on the multiple aspects of urban resilience and climate change.
- Provide a stage for presenting excellence in Research & Innovation for urban resilience and climate change.
- Discuss key challenges and solutions in cities.
- Promote the communication and knowledge exchange between researchers, policymakers and practitioners.
- Find integrated solutions and inspire action.
- Support ongoing efforts to enhance the coherence and synergy between the communities of Climate Change Adaptation and Disaster Risk Management, policy and practice.

This event targets all the involved actors in urban resilience and climate change: research institutions, local administrations, academia, central and regional administration bodies, policymakers, public service operators and citizens.

The themes of the URCC conference include the following:

- Hazard and risk assessment of critical urban services
- Climate risk management and resilience



- Forecasting, monitoring and real-time control
- Institutions, governance, citizens and social justice
- Communication, data-sharing and decision support
- Co-production of knowledge, solutions and services

Besides, a **Scientific Committee** with more than 20 experts from different fields has been defined to ensure that the conference is of the highest possible quality.

A separate website (<u>www.urcc2020.eu</u>) was created to ease the compilation of all the information related to the URCC conference. In this website, the conference programme, committees, registration form and other important information can be found. This website has been regularly disseminated on media and social media (under the hashtags #URCC2020 and #YouAreClimateChange) during the last year of the project in order to reach a wider audience and ensure the participation of interested audiences in the conference.



REGISTER NOW! PROGRAMME COMMITTEES CONTACT







Figure 25 Website and promotional banner of the URCC conference

Initially, the URCC conference was planned for the 9th-10th March 2020 in Hospital de Sant Pau (Barcelona) (Figure 26), with a programme full of sessions, workshops and excursions. Between October and December 2019, a call for abstracts was carried out at the website of the conference. Finally, after an extensive review, including the participation of members of the Scientific Committee, 80 oral presentations and 15 posters were selected.

Unfortunately, the URCC conference had to be postponed due to the Coronavirus outbreak. While everything was prepared for having this conference successfully done at the planned dates, the Organising Committee believed it was irresponsible from their side to proceed at that moment and put colleagues, families and the city at risk.



Figure 26 Hospital de Sant Pau, venue of the URCC conference

Therefore, the URCC conference was rescheduled for the 20th-21st October 2020 as an online event. The programme of this rescheduled event, which kept the format of the conference planned for March, included 2 plenary sessions (opening and closing) and 16 parallel sessions with more than 80 oral presentations by international speakers. Over 500 participants (to be updated) joined the different sessions of the conference and discussed about urban resilience and climate change with top experts on the topic.