

RESIN

Project reference: 653522

Funded under: H2020-EU.3.7.

Climate Resilient Cities and Infrastructures

From 2015-05-01 **to** 2018-11-01, ongoing project

Project details

Total cost: EUR 7 466 004,5	Topic(s): DRS-09-2014 - 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
EU contribution: EUR 7 466 004,5	Call for proposal: H2020-DRS-2014
Coordinated in: Netherlands	Funding scheme: RIA - Research and Innovation action

Objective

With most of its population and capital goods concentrated in urban areas, cities are key to the European economy. One of the major challenges cities face are more frequent extreme weather events due to climate change. The current diversity of approaches and methods available for cities developing an adaptation strategy limits the comparability between cities of vulnerabilities, adaptation options, infrastructures, etc., and, as a result, the resilience capability. The lack of standardized information to prioritize and select appropriate adaptation options restricts the exchange of experiences between cities.

The objective of RESIN is to provide standardised methodologies for vulnerability assessments, performance evaluations of adaptation measures, and for decision support tools supporting the development of robust adaptation strategies tailored to the city. To this end, RESIN aims to create a common unifying framework that allows comparing strategies, results and identification of best practices by

- Creating an urban typology that characterises European cities based on different socio-economic and biophysical variables
- Delivering standardised methods for assessing climate change impacts, vulnerabilities, and risks; providing an inventory of adaptation measures and developing standardised methods to assess the performance of such adaptation measures
- Collaborating closely with 4 'case cities' for practical applicability and reproducibility, and with European Standardisation organisations to ensure a systematic (standardised) implementation
- Integrating findings in a coherent framework for the decision making process, with associated methods, tools and datasets

The consortium consists of 17 partners from 8 different European countries, experienced in urban resilience and climate change, and combining theory (knowledge institutes/universities) with practice (cities, consultancies, network organisation, standardisation institute).

Coordinator

NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK
TNO
Netherlands

Netherlands

EU contribution: EUR 933 687,5

Participants

FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV
Germany

Germany

EU contribution: EUR 847 875

FUNDACION TECNALIA RESEARCH & INNOVATION
Spain

Spain

EU contribution: EUR 641 625

ICLEI EUROPEAN SECRETARIAT GMBH (ICLEI EUROPASEKRETARIAT GMBH)*
Germany

Germany

EU contribution: EUR 869 625

EIVP
France

France

EU contribution: EUR 704 875

ITTI SP ZOO
Poland

Poland

EU contribution: EUR 390 125

STICHTING NEDERLANDS NORMALISATIE - INSTITUUT
Netherlands

Netherlands

EU contribution: EUR 235 335

ARCADIS NEDERLAND BV
Netherlands

Netherlands

EU contribution: EUR 159 787,5

BC3 BASQUE CENTRE FOR CLIMATE CHANGE - KLIMA ALDAKETA IKERGA
Spain

Spain

EU contribution: EUR 258 876

HLAVNE MESTO SLOVENSKEJ REPUBLIKY BRATISLAVA
Slovakia

Slovakia

EU contribution: EUR 210 988,75

THE UNIVERSITY OF MANCHESTER
United Kingdom

United Kingdom

EU contribution: EUR 865 735

UNIVERZITA KOMENSKEHO V BRATISLAVE
Slovakia

Slovakia

EU contribution: EUR 150 468,75

AYUNTAMIENTO DE BILBAO
Spain

Spain

EU contribution: EUR 219 860

OLDHAM METROPOLITAN BOROUGH COUNCIL
United Kingdom

United Kingdom

EU contribution: EUR 233 087,5

SIEMENS AKTIENGESELLSCHAFT OESTERREICH
Austria

Austria

EU contribution: EUR 47 852,5

SIEMENS AKTIENGESELLSCHAFT
Germany

Germany

EU contribution: EUR 536 035

UNIRESEARCH BV
Netherlands

Netherlands

EU contribution: EUR 160 166

Last updated on 2015-06-02

Retrieved on 2016-01-12

Permalink: http://cordis.europa.eu/project/rcn/196890_en.html

© European Union, 2016