Pan-European Urban Climate Services

Risultati

Informazioni relative al progetto

Climate-fit.City

ID dell'accordo di sovvenzione: 730004

Sito web del progetto

DOI
10.3030/730004

Progetto chiuso

Data della firma CE
8 Maggio 2017

Data di avvio
1 Giugno 2017

Data di completamento
29 Febbraio 2020

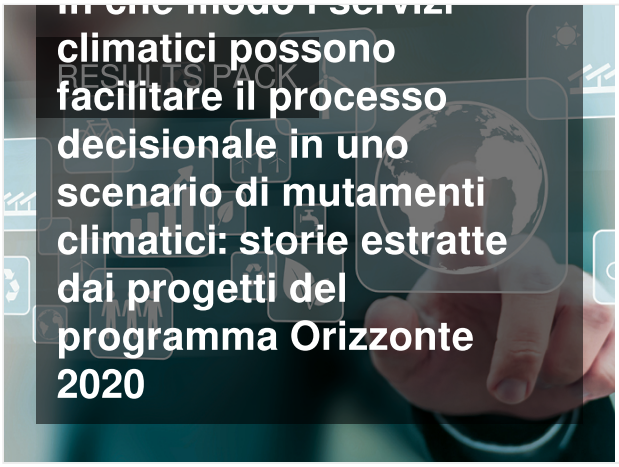
Finanziato da
SOCIETAL CHALLENGES - Climate action, Environment, Resource Efficiency and Raw Materials

Costo totale
€ 3 514 416,25

Contributo UE
€ 2 936 600,63

Coordinato da
VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK N.V.
Belgium

Questo progetto è apparso in...



29 Ottobre 2020

CORDIS fornisce collegamenti ai risultati finali pubblici e alle pubblicazioni dei progetti ORIZZONTE.

I link ai risultati e alle pubblicazioni dei progetti del 7° PQ, così come i link ad alcuni tipi di risultati specifici come dataset e software, sono recuperati dinamicamente da .OpenAIRE.

Risultati finali

Demonstrators, pilots, prototypes (5)

Release of 4 demonstration services
Release of remaining 4 demonstration climate services.

Urban climate data platform
Online distribution plaform for primary urban climate data

Urban climate data for demonstration cases
Delivery of primary urban climate data for the 6 demonstration cities

Urban climate data for replication cases
Delivery of urban primary climate data for the 6 cities in the replication cases

Release of 2 demonstration services
Release of 2 demonstration climate services.

Documents, reports (19)

Socio-economic impact assessment (I)

Report describing activities and output of Taks 6.3 with respect to the demonstration cases

Stakeholder mapping

Stakeholder mapping Corresponding task: task 7.4 – Direct outreach activities

Socio-economic impact assessment (II)

Report describing the activities and output of Task 6.3 (replication cases)

Methodological framework

This report will include an annex with input from stakeholder events and a report from the internal project workshop

Cross-sectoral synergies

Report describing cross-sectoral analysis activities and results from task T3.4

Market replication cases' evaluation report

Report describing activities for the evaluation of market replication services (T3.3)

Description of the co-designed services

Description of the co-designed services (M12) performed in Task 2.2

PUCS zero (baseline) scenario

Report describing the activities from Task 6.2

Market analysis and product definition

This report will include written in-depth interviews from the stakeholder analysis in T8.1 in annex.

Four policy / business/ media briefs

Four policy, business, media briefs published and start of dissemination (M26) Corresponding tasks: • Task 7.4 – Direct outreach activities • Task 7.7 – Synthesis publications for city and regional decision-makers

Urban primary data need analysis

report

Service evaluation report

Report describing the process and outcome of all sectoral evaluation activities as described in Task 3.2

Service demonstration report

will report the activities described in T4.2 and outcomes of the replication cases including reports of workshops with new users in annex.

Marketing brochure

Marketing brochure on climate risk management and adaptation strategies Corresponding tasks: • Task 7.4 – Direct outreach activities • Task 7.7 – Synthesis publications for city and regional decision-makers

New service cases: description

Report describing the identification and selection process (described in T4.1), also highlighting the interest/value of the new service cases compared to the demonstration cases from WP2.

Stakeholder mapping report

This deliverable will document the user need collection process described in Task 2.1. Reports from the 6 sectoral stakeholder workshops (T2.1) will be added in annex

Dissemination and exploitation plan

Corresponding tasks: • Task 7.1 – Development and delivery of communication, dissemination, and exploitation plans

Demonstration of services' added value

Demonstration of the added value of the urban services.This deliverable will document the demonstration activities described in Task 2.3. Reports from the 6 sectoral demonstration workshops (T2.3) will be added in annex.

Evaluation framework

Evaluation framework, including methodology, tools and usable indicators (M12). The questionnaires and interviews will be part of D3.1. Empty questionnaires (templates) will be added in annex.

Open Research Data Pilot (1)

Data management plan

Data management plan.

Websites, patent fillings, videos etc. (2)

Workshops, trainings, videos

Six workshops and trainings organised and videos produced (web series/animation). Training materials and workshop outcomes will be provided in annex of the deliverable. Corresponding tasks: • Task 7.4 – Direct outreach activities • Task 7.5 – Marketing materials • Task 7.6 – Workshops & training

Website, visual identity, marketing materials
Corresponding tasks: • Task 7.2 – Visual identity, PUCS logo • Task 7.3 – Establishment of Urban Climate Services around a well-designed platform • Task 7.5 – Marketing materials

Pubblicazioni

Peer reviewed articles (10)

Reversal of the seasonality of temperature-attributable mortality from respiratory diseases in Spain
Autori: Hicham Achebak, Daniel Devolder, Vijendra Ingole, Joan Ballester
Pubblicato in: Nature Communications, Numero 11/1, 2020, ISSN 2041-1723
Editore: Nature Publishing Group
DOI: 10.1038/s41467-020-16273-x

Precipitation intensity–duration–frequency curves for central Belgium with an ensemble of EURO-CORDEX simulations, and associated uncertainties
Autori: Parisa Hosseinzadehtalaei, Hossein Tabari, Patrick Willems
Pubblicato in: Atmospheric Research, Numero 200, 2018, Pagina/e 1-12, ISSN 0169-8095
Editore: Elsevier BV
DOI: 10.1016/j.atmosres.2017.09.015

Uncertainty assessment for climate change impact on intense precipitation: how many model runs do we need?
Autori: Parisa Hosseinzadehtalaei, Hossein Tabari, Patrick Willems
Pubblicato in: International Journal of Climatology, Numero 37, 2017, Pagina/e 1105-1117, ISSN 0899-8418
Editore: John Wiley & Sons Inc.
DOI: 10.1002/joc.5069

Land use changes and effects on heat islands in the city
Autori: B Vojvodikova, I Ticha, R Fojtik, K Jupova
Pubblicato in: IOP Conference Series: Earth and Environmental Science, Numero 444, 2020, Pagina/e 012056, ISSN 1755-1315

Editore: IOP Publishing Ltd
DOI: 10.1088/1755-1315/444/1/012056

A New Method to Assess Fine-Scale Outdoor Thermal Comfort for Urban Agglomerations
Autori: Dirk Lauwaet, Bino Maiheu, Koen De Ridder, Wesley Boënne, Hans Hooyberghs, Matthias Demuzere, Marie-Leen Verdonck
Pubblicato in: Climate, Numero 8/1, 2020, Pagina/e 6, ISSN 2225-1154
Editore: MDPI
DOI: 10.3390/cli8010006

Trends in temperature-related age-specific and sex-specific mortality from cardiovascular diseases in Spain: a national time-series analysis
Autori: Hicham Achebak, Daniel Devolder, Joan Ballester
Pubblicato in: The Lancet Planetary Health, Numero 3/7, 2019, Pagina/e e297-e306, ISSN 2542-5196
Editore: Elsevier Ltd
DOI: 10.1016/s2542-5196(19)30090-7

Will climate change worsen your health?
Autori: Joan Ballester
Pubblicato in: Climanosco Research Articles, Numero 2, 2018, ISSN 2673-1568
Editore: Climanosco
DOI: 10.37207/cra.2.3

Effect of the Great Recession on regional mortality trends in Europe
Autori: Joan Ballester, Jean-Marie Robine, François R. Herrmann, Xavier Rodó
Pubblicato in: Nature Communications, Numero 10/1, 2019, ISSN 2041-1723
Editore: Nature Publishing Group
DOI: 10.1038/s41467-019-08539-w

Heat-related mortality trends under recent climate warming in Spain: A 36-year observational study
Autori: Hicham Achebak, Daniel Devolder, Joan Ballester
Pubblicato in: PLOS Medicine, Numero 15/7, 2018, Pagina/e e1002617, ISSN 1549-1676
Editore: PLOS
DOI: 10.1371/journal.pmed.1002617

Spatial Variability of Heat-Related Mortality in Barcelona from 1992–2015: A Case Crossover Study Design
Autori: Vijendra Ingole, Marc Marí-Dell'Olmo, Anna Deluca, Marcos Quijal, Carme Borrell, Maica Rodríguez-Sanz, Hicham Achebak, Dirk Lauwaet, Joan Gilabert, Peninah Murage, Shakoor Hajat, Xavier Basagaña, Joan Ballester
Pubblicato in: International Journal of Environmental Research and Public

Health, Numero 17/7, 2020, Pagina/e 2553, ISSN 1660-4601
Editore: MDPI AG
DOI: 10.3390/ijerph17072553

Conference proceedings (1)

Demonstration of Land Use Changes Simulation Using Urban Climate Model
Autori: Vojvodikova, B. , Jupova, K. , Ticha, I.
Pubblicato in: World Academy of Science, Engineering and Technology,, 2019
Editore: International Journal of Urban and Civil Engineering, 13(8),
DOI: 10.5281/zenodo.3455617

Set di dati

Set di dati mediante OpenAIRE (1)

Ghent summer 2015 measurement campaign
Autori: , Lauwaet
Pubblicato in: Zenodo

Altri prodotti di ricerca

Altri prodotti di ricerca tramite OpenAire (1)

Trends in temperature-related mortality in spain : assessing early adaptation to warming climate
Autori: Achebak, Hicham

Ultimo aggiornamento: 18 Agosto 2022