



EUROPEAN UNION



EU MISSIONS

CLIMATE-NEUTRAL & SMART CITIES

Concrete solutions for our greatest challenges

EU-Japan Subnational Climate Action Workshop, 29-30 May 2024

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#EUmissions #HorizonEU #MissionCities





CLIMATE-NEUTRAL AND SMART CITIES MISSION

Objectives

1. Deliver at least 100 climate-neutral and smart European cities by 2030
2. Ensure that these cities act as experimentation and innovation hubs to put all European cities in a position to become climate neutral by 2050



| | | |
|---|---|---|
| ALBANIA Elbasan | ISRAEL Eilat | TURKEY Istanbul Izmir |
| BOSNIA AND HERZEGOVINA Sarajevo | MONTENEGRO Podgorica | UNITED KINGDOM Bristol Glasgow |
| ICELAND Reykjavik | NORWAY Oslo Stavanger Trondheim | |

Mission Cities

100 cities from the European Union
+
12 cities from associated countries
selected from
377 applicants

Coverage of
12%
of EU population

Horizon Europe

Mission Platform

- Run by NetZeroCities consortium
- Resources and expert advice on implementation, governance and climate finance
- Pilot Cities Programme
- Twinning Learning Programme

+

Climate City Contracts (CCC)

- Commitments, climate action plan and investment strategy
- Innovative local collaborative governance and citizen engagement
- Involvement of the European, national and regional levels

MISSION LABEL



Portfolio of R&I projects

- Missions Work Programme

- CCC iterations with a peer review approach
- Help with accessing funding and financing



33 Mission Labels awarded so far

European Week of Regions and Cities, 12 October 2023

10 Mission Labels

Sønderborg, Denmark Mannheim, Germany Klagenfurt, Austria
Madrid Valencia Valladolid Vitoria-Gasteiz Zaragoza, Spain
Cluj-Napoca, Romania Stockholm, Sweden



European Research & Innovation Days, 21 March 2024

23 Mission Labels

Ioannina Kalamata Kozani Thessaloniki, Greece
Heidelberg, Germany Leuven, Belgium Malmö, Sweden
Espoo Lahti Lappeenranta Tampere Turku, Finland
Pécs, Hungary Barcelona Seville, Spain Izmir, Türkiye
Guimarães Lisbon, Portugal Florence Parma, Italy
Marseille Lyon, France Limassol, Cyprus



GOAL help cities to overcome the current structural, institutional and cultural barriers that they face in their journey to achieve climate neutrality

-  13 associations and networks
-  5 companies & consultancies
-  8 research organisations
-  3 think-tanks
-  4 universities



MISSION PLATFORM

NetZeroCities Portal: over 4 000 users, 200 cities and 170 groups

The NetZeroCities Portal is the online component of the Mission Platform

DIGITAL SERVICES

Resources and tools for climate action
Space for peer-to-peer collaboration



HUMAN SUPPORT

Climate-Neutral City advisors
NetZeroCities thematic experts



Climate Transition Map – an interactive guide to the different phases and steps of the journey to climate neutrality, linking to corresponding resources



Knowledge Repository – includes 700+ curated entries grouped under 40 tags allowing users to scout innovation and explore new opportunities



City Dossiers – a detailed dataset on the city's vision, GHG emissions, investment needs, capacity building priorities, stakeholders, collaborations, skills and barriers



Finance Guidance Tool – based on a questionnaire that helps cities define their financing needs and filter the types of funding that are appropriate

Support from the national level is key
to the success of the mission

#MissionCities

EU
MISSIONS

Overview on national Cities Mission platforms

Austria – National Climate-Neutral Cities Mission

Cyprus – Mission Cities Network Cyprus

Finland – National Cities Mission Network

France – French Mirror Group

Germany – National Cities Mission Platform

Greece – Network of Municipalities for Climate Neutrality (Climanet)

Italy – Expert Working Group, National Ambassadors Network

Netherlands – Dutch National Support Structure (NSS)

Poland – National Platform for Polish Mission Cities

Portugal – Policy Hub for the Cities Mission

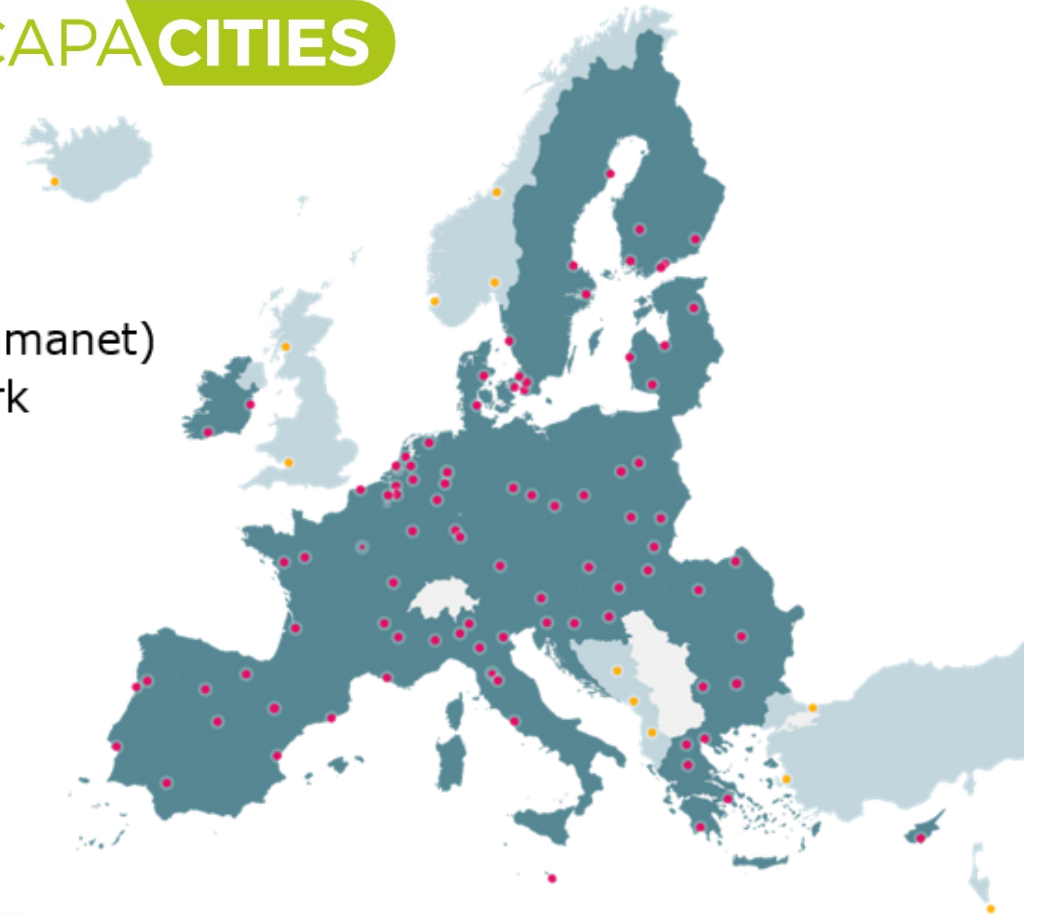
Romania – Mirror Mission Cities Hub (M100)

Spain – citiES2030

Sweden – Viable Cities – Climate-neutral Cities 2030

Strong engagement formats in Czech Republic and Türkiye

CAPACITIES



Disclaimer: latest update March 2023



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dutpartnership.eu/capacities/

URBAN TRANSITIONS MISSION of Mission Innovation



THE CHALLENGE

Cities account for over 65% of global energy consumption and over 70% of greenhouse gas emissions

To meet global climate goals, partnerships are needed between national governments, local governments, business sector, stakeholders and civil society



UTM Global Innovation Alliance



**URBAN
TRANSITIONS**
MISSION

Co-leads



URBAN EUROPE

Core Mission
Members

Austria - India - Spain -
Saudi Arabia - Sweden



MI Innovation Community
on Affordable Heating and Cooling of Buildings



STUDENT ENERGY



United Nations
Framework Convention on
Climate Change

Signify



Google T-Systems

... more to come



URBAN TRANSITIONS

MISSION



THREE PILLARS

Innovative Net-Zero Urban Transition



Capacity Building and Funding for the Net-Zero Urban Transition



Research and Innovation Needs for the Global Net-Zero Transition

GOALS

Work with a cohort of ambitious cities worldwide to demonstrate integrated pathways towards holistic, people-centred urban transitions built around clean energy and innovative net-zero solutions

Inspire cities across world regions on their journey towards decarbonisation



**URBAN
TRANSITIONS**
MISSION



Join the UTM cohort

Growing cohort of close to 100 cities from 40 countries worldwide, with 20 cities from 10 EU member states

Call for expression of interest is open to applications from cities throughout 2024

To be eligible, cities must:

- be a Global Covenant of Mayors signatory
- have a population of over 50 000 inhabitants





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Thank you!

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#EUmissions

#HorizonEU

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