Info Days on European Missions, 17.05.2022

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#EUmissions #HorizonEU #MissionCities
WHY A MISSION ON CLIMATE-NEUTRAL CITIES?

• **75%** of EU citizens live in cities (projected to increase to about 85% in 2050)
• More than **65%** of energy consumption and more than **70%** of CO2 emissions worldwide
• Rooted in **R&I** and delivering concrete results within a limited timeframe
• Co-benefits – lower air/noise pollution, congestion and fewer road deaths. Loveable and livable cities!
• The **European Green Deal** is set at EU / national level, but will be implemented at local level – particularly in cities and regions: where policy meets people!
• Cities have the **ambition** to go further – we want to help cities achieve their goal of climate neutrality by 2030
OBJECTIVES OF THE MISSION

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.
MAIN ELEMENTS OF THE MISSION

Horizon Europe

Mission platform

- Run by the NetZeroCities consortium
- Tailor-made technical, regulatory and financial advice
- R&I demonstrators
- Twinning and mutual learning

Portfolio of R&I projects

Climate City Contracts

- Including climate action plan and investment strategy
- Innovative city governance and citizen engagement
- Involvement of European, national and regional level

Mission label

- Synergies with other programmes
- Help with access to funding and financing
CLIMATE CITY CONTRACTS

• To include tailor-made plans on how to reach climate neutrality, adapted to the individual needs of the city, together with an Investment Plan, both supported by the Mission Platform.

• The contract would be non legally binding – Memorandum of Understanding - to be co-created in spirit of multi-level governance, with the involvement of national authorities, regions and local stakeholders, including citizens and local economic actors, focused on innovative (“holistic”) city governance, investment plan, and monitoring and reporting.

• The contract itself would be signed by the Mayor (or equivalent), but witnessed by the Commission and others.

• Once concluded, the CCC would open the door to the full version of the Climate Neutral and Smart City Mission Label.
A WARM WELCOME TO ALL MISSION CITIES
THE COMMISSION’S ROLE FROM NOW ON

- Handover of **operational contacts** to NetZeroCities
- But we will stay closely involved!
- **Special focus** on
  - Fostering national and regional networks
  - Synergies between programmes for cities and between Missions
  - Funding and financing
  - The Mission label
  - The Horizon Europe Work Programme
  - Conferences, events

Please keep in touch!
Horizon Europe Missions 2021-2022 Work Programme

Calls under the Climate-neutral and smart cities Mission
Overview of the calls:

- **HORIZON-MISS-2021-CIT-02** - Research and Innovation actions to support the implementation of the Climate-Neutral and Smart Cities Mission **[status: CLOSED; deadline 26.04.2022]**
  - HORIZON-MISS-2021-CIT-02-01: Urban planning and design for just, sustainable, resilient and climate-neutral cities by 2030
  - HORIZON-MISS-2021-CIT-02-02: Unleashing the innovation potential of public transport as backbone of urban mobility
  - HORIZON-MISS-2021-CIT-02-03: Framework Partnership Agreement (FPA) for the Climate-Neutral and Smart Cities Mission Platform
  - HORIZON-MISS-2021-CIT-02-04: Positive Clean Energy Districts
  - HORIZON-MISS-2021-CIT-02-05: Global cooperation and exchange on urban climate neutrality

- **HORIZON-MISS-2022-CIT-01** - Research and Innovation actions for support the implementation of the Climate-neutral and Smart Cities Mission **[status: OPEN; deadline 06.09.2022]**
  - HORIZON-MISS-2022-CIT-01-01: Designing inclusive, safe, affordable and sustainable urban mobility
Other Actions not subject to calls for proposals

Grants to identified beneficiaries

• Specific Grant Agreements to the Framework Partnership Agreement (FPA) for the Climate-Neutral and Smart Cities Mission Platform

• Global Mission on Urban Transitions under Mission Innovation

Scientific and technical services by the Joint Research Centre

• Scientific and technical services to the Climate-Neutral and Smart Cities Mission
<table>
<thead>
<tr>
<th>2021</th>
<th>Funding scheme</th>
<th>Project size EUR M</th>
<th>Expected number of projects</th>
<th>Budget in WP EUR M</th>
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GET IN TOUCH

Cities Mission newsletter:
https://ec.europa.eu/newsroom/rtd/user-subscriptions/2551/create

Email:
RTD-HORIZON-EUROPE-MISSION-CITIES@EC.EUROPA.EU

Web page:
https://ec.europa.eu/mission-cities
HORIZON-MISS-2022-CIT-01-01

Designing inclusive, safe, affordable and sustainable urban mobility
HORIZON-MISS-2022-CIT-01-01 – Designing inclusive, safe, affordable and sustainable urban mobility

Type of action: Innovation Actions

Indicative budget: EUR 42.00 million

Expected EU contribution per project: between EUR 8.00 and 12.00 million (4 projects expected)

Deadline: 6.09.2022

Specific conditions:
Applicant cities must have a Sustainable Urban Mobility Plan (SUMP), fully developed or in the preparatory phase, and project actions should link to it.
HORIZON-MISS-2022-CIT-01-01 – **Designing** inclusive, safe, affordable and sustainable urban mobility

**Expected outcome**

Project results are expected to contribute to all the following expected outcomes:

- Promotion of zero-emission, shared, active and human-centred mobility;
- Increase of the take-up and upscaling of solutions in the living labs involved in the proposals (min 4 cities/project and 4 follower cities);
- Solutions for at least 10 (unsafe) areas/living labs using innovative planning, design and implementation approaches, modelling and AI, digital and smart enforcement tools, dynamic space reallocation;
- Re-assessment of road and public space quality responding to needs of diverse groups; addressing proactively potential risk raised by expected increases in cycling and e-scooters; rebalancing the attribution of public space to different modes of transport;
- Considering the circular economy principles, adaptation to climate change, cross-sectoral synergies.
HORIZON-MISS-2022-CIT-01-01 – **Designing** inclusive, safe, affordable and sustainable urban mobility

**Scope:**

- collect data on differences between patterns, behaviours and habits.
- identify specific mobility needs (e.g. women, children, perso with disability) and public space re-design needs.
- provide clear guidance on how to systematically incorporate the vulnerable road users dimension into infrastructure planning, etc.
- A thorough evaluation on the results of the local solutions implemented + mechanisms for common lesson drawing and learning incl. through the CIVITAS Initiative.
- SUMI, SUMP coordination platform, ELTIS, thematic SUMP topic guides.
- Collaboration between projects through CIVITAS and with the Mission, but also with other EU initiatives
Building the Mission

Mission Platform, Climate City Contracts, Pilots & Twinning, Impact Framework & Learning, Support & Services, Policy
A WARM WELCOME TO ALL MISSION CITIES FROM THE WHOLE MISSION TEAM!
Process and support for Mission Cities

Cities selected as "Mission Cities"

"Climate City Contract"
- 2030 Climate City Contract
- 2030 Action Plan
- 2030 Investment Plan
- Mission Label
- Monitoring & Evaluation Framework + Reporting

Mission Platform
- Web Portal
- City Advisors
- Systems Innovation Expertise

City Panels
- Practitioner Panel
- Strategic Panel

Community of Practice
- Stakeholder Panel

Support and Expertise
- Financial expertise
- Citizen Engagement Expertise
- Social Innovation Expertise
- Technical expertise

Twinning Programme (2-3 cities per Pilot)
Horizon Europe Pilots and Fellows
Pilot Cities Programme
City Advisors

- High-functioning generalists with city experience and ability to partner with Mission Cities
- Dedicated to Mission Cities, link to specific expertise, capabilities
- CCC & Pilots support, Platform tools & resources, city exchanges & learning
Climate City Contract elements

Commitments (“Core Contract”)

- Robust **engagement process** with stakeholders to establish **new ways of working**
- Shared **2030 ambition**, a co-created strategy, and concrete commitments to Mission

Actions

- Identify **strengths and gaps** of existing policies and plans
- **Use all levers of change** to create a coordinated portfolio

Investments

- Mobilize and **organize public resources strategically**
- **Address how to attract private capital** for funding and financing
Building local collaboration & alignment

Coalition of change / quadruple helix

Utility companies
Municipal government
Philanthropy & NGOs
Civil society
Hospitals & other public sector
Higher Education & research
Corporates, SMEs and start-ups
Citizens

Local Transition team

- Data analysts
- Local connectors
- Facilitators
- System mappers
- Programme manager
- Policy advisor

Supports and enables others by:
- Building relationships and connecting people
- Crafting and holding a shared vision
- Systems mapping and data analysis
- Enabling compromise and joint responsibility
- Facilitating learning and reflection
- Identifying opportunities

This project has received funding from the H2020 Research and Innovation Programme under grant agreement n°101036519.
Cities Mission Climate City Contract Outputs

**Commitments**
- Vision and strategy
- Municipal Commitment
- Signatories and Endorsers
- Stakeholder commitments
- Endorsements
- Signature

**Actions**
- Agreed baseline
- 2030 Gap Analysis
- Impact pathway(s)
- Systemic solutions
- Portfolio approach
- Timeline, KPIs, responsibilities

**Investments**
- Capital needs assessment
- Enabling actions
- Capital deployment approach, portfolio implementation, scaling
- Milestones, Impact Framework

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Capital & investment planning
‘Investment plans’ and city needs

- Strategy & action plan
- Capital assessment, funding/financing needs
- Design city approach and portfolios
- Policies to enable climate neutrality
Capital needs, funding & investment planning

Supporting Conditions for Capital & Investment Planning

- Climate Policies – local, regional, national
- Cross-organisational and cross-stakeholder approach – Climate City Contract process
- Development of institutional and city officials’ capacity and capability
- Project/Portfolio design and implementation of actions and projects
- Data sourcing
- Optimisation of existing capital flows and processes
Pilot & Twin Cities

• **Purpose**: explore and test pathways to accelerate change and achieve 2030 climate neutrality goals, achieve breakthroughs in overcoming entrenched barriers in emissions reduction, and scale a range of solutions relevant to the local context.

• **First wave**: funding for up to 30 cities enhanced with hands-on assistance from Climate-Neutral City Advisors to help pursue systemic, innovation-focused activities. Additional pilot activities and funding to be developed to follow first wave.

• **Learning**: City Learning Programme to help each Pilot City get the most out of their activities and to extend the reach and learning across Europe by supporting Twin Cities.
Mission Impact Framework - overview

**EU Mission**
- Overall Mission Implementation
  - Implementation, results, impact

**City Clusters**
- Cohort & portfolio development
  - Peer learning and regional dev.

**City**
- City climate-neutrality journey
  - Action & investment plan, pilots

Framework elements

1. Key Performance Indicators (KPIs)
2. Sense-making & learning approach (E/L)
3. Monitoring and Evaluation approach (M/E)

Scale/level | NZC activity/processes | MEL element
---|---|---

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Get in touch with NetZeroCities!

@NetZeroCitiesEU

NetZeroCities

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www.netzerocities.eu

hello@netzerocities.eu

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Thank you!

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#HorizonEU
#MissionCities