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Misiones Horizonte Europa: “Mission on Cities” Convocatorias 2022



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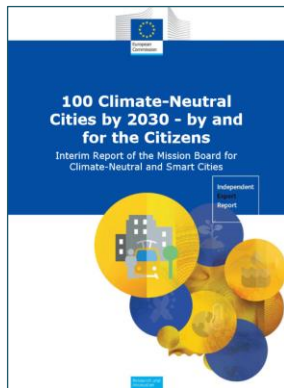
Misiones en Horizonte Europa

Cartera de acciones transdisciplinares, de plazo determinado, con meta audaz e inspiradora y de éxito cuantificable, que tiene un impacto en la sociedad y la ciudadanía.

Programa orientado a soluciones – Acercar la I+D+i a los ciudadanos



100 Climate Neutral and Smart Cities by 2030



22 September 2020 – Interim Report from Mission Board

- Process formalised in a **Climate City Contract**
- **Co-design and co-implementation with citizens**, as users, producers, consumers and owners
- **Removal of barriers to participatory governance**
- Help for cities to design an **investment strategy** and access to funding
- Cross-sectoral and **systemic transformation**, encompassing transport, energy, built environment, digitalisation, etc

29.09.2021: Official launch of the EU Mission on **Climate Neutral and Smart Cities** and publication of the mission implementation plan
[Implementation Plan - master copy 19 05 \(europa.eu\)](#)

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
- Air and noise pollution; congestion; dangerous roads increasing problems in cities – not just GHG.
- The European Green Deal at local level – where policy meets people.
Cities will play a crucial role in reaching the targets of the Green Deal

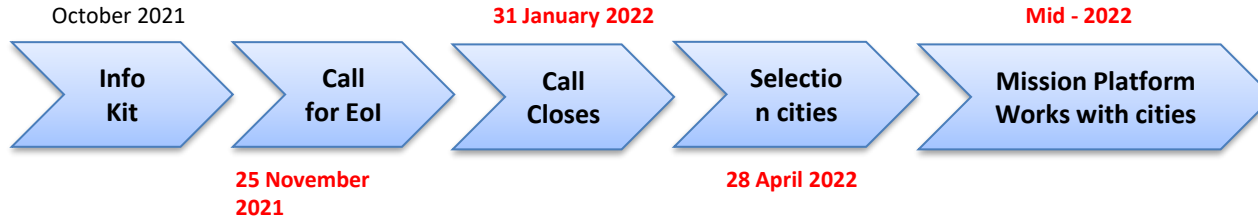
Objectives of the Cities Mission

- Deliver at least **100** climate-neutral and smart European cities by **2030**

- Ensure that these cities act as experimentation and **innovation hubs** to put all European cities in a position to become climate-neutral by 2050

How to be member of the Cities Mission?

All cities were invited to respond to a **Call for Expression of Interest (Eol)** – launched in November 2021



377 cities applied to the Call for Eol

100 cities selected de los 27 Estados Miembros + **12** ciudades de Países Asociados [Commission announces 100 cities participating in EU Mission \(europa.eu\)](https://europea.eu)

Ciudades españolas seleccionadas: Madrid, Barcelona, Valencia, Sevilla, Vitoria, Valladolid y Zaragoza.

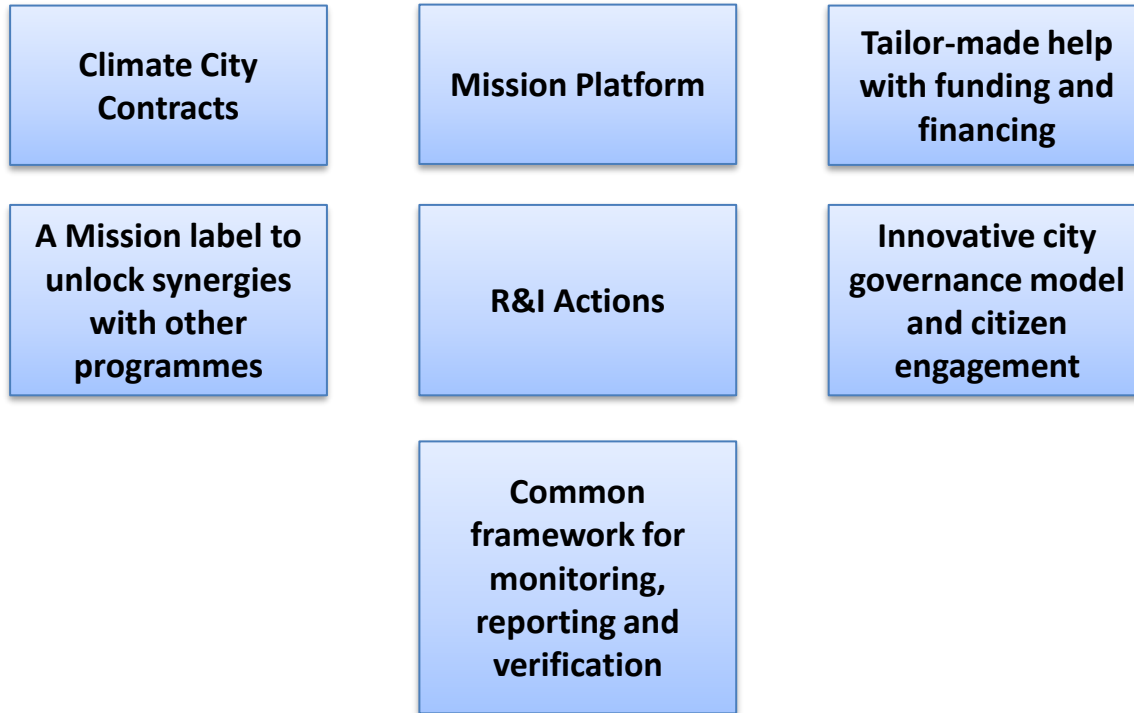


EUROPEAN UNION

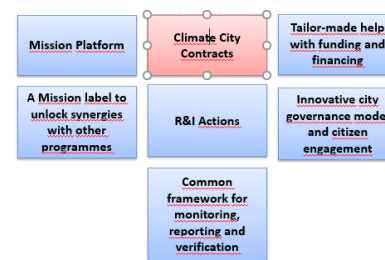
A WARM WELCOME TO ALL MISSION CITIES FROM THE WHOLE MISSION TEAM!



Main elements of the Cities Mission

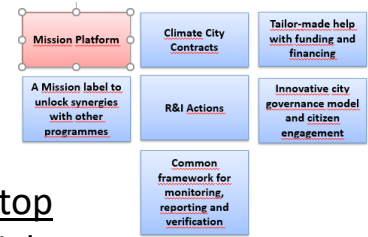


Climate City Contract



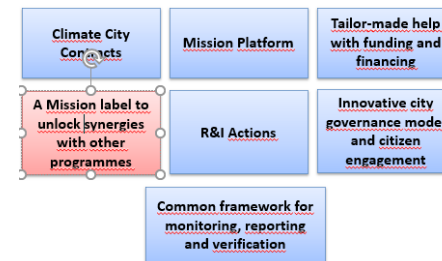
- ✓ Non legally binding – **Memorandum of Understanding**
- ✓ **Tailor-made plans** on how to reach climate neutrality, adapted to the individual needs of the city, supported by the Mission Platform
- ✓ **Visible political commitment** to the EC, national and regional authorities and to citizens
- ✓ To be **co-created** with the involvement of national authorities, regions and local stakeholders, including citizens and local economic actors
- ✓ Focus on innovative (“holistic”) city governance, investment plan, and monitoring and reporting
- ✓ **Signed by the Mayor (or equivalent)**, witnessed by the Commission and others

Mission Platform



- ✓ Run by the **NetZeroCities** consortium who start work **1.10.2021**. Develop a one-stop shop platform to help cities implement their climate action plans and related social innovation action plans providing the necessary technical, regulatory, financial and socio-economic expertise and assistance.
- ✓ Project “NetZeroCities” (funded under Horizon 2020) will implement the first phase of the Mission Platform. Stable long-term structure to be set-up under Horizon Europe in 2022
- ✓ Co-creation of **Climate City Contracts** with citizens, stakeholders and authorities
- ✓ Tailor-made **investment plans**, project preparation and financial advice
- ✓ **R&I pilots and demonstrators**: launch calls for proposals for large scale pilots in lead cities that will twin with and mentor other cities

A Mission LABEL



- ✓ A LABEL will be awarded to the selected cities that have signed a CCC
- ✓ It will facilitate access to EU funding programmes
- ✓ It will offer an **opportunity for regions and Member States** to support highly visible activities on climate neutrality.

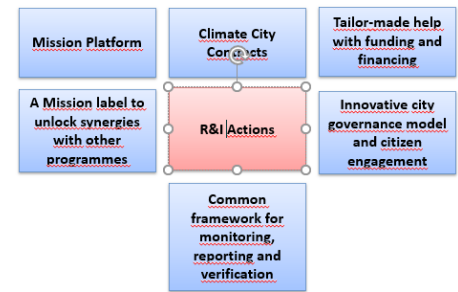
R&I Content

- ✓ Portfolio of **R&I activities** targeting cities and communities launched in the Horizon Europe Work Programme for Missions
- ✓ Goals: **develop capacity and showcase** possibilities of scale-up and replicability
- ✓ **Complementarity and synergy** with ongoing and upcoming initiatives e.g. partnerships

Horizon Europe will **invest around €350 million** in research and innovation actions linked to the **Cities Mission** (e.g. in mobility, energy, urban planning) in the period **2021-23**.

A first full work programme was published on **15 December 2021**

[Updated WP 10 May 2022](#)



HE – WP for Cities Mission – Call 2021-2022

Topics	Type of Action	Budget M.€	EU Contribution per topic M.€	No projects expected to be funded
Opening: 11 Jan 2022			Deadline(s): 26 Apr 2022	
CLOSED				
HORIZON-MISS-2021-CIT-02-01: Urban planning and design for just, sustainable, resilient and climate-neutral cities by 2030	IA	35	11.00 to 12.00	3
HORIZON-MISS-2021-CIT-02-02: Unleashing the innovation potential of public transport as backbone of urban mobility	IA	40	12.00 to 20.00	3
HORIZON-MISS-2021-CIT-02-03: Framework Partnership Agreement (FPA) for the Climate-Neutral and Smart Cities Mission Platform	FPA	0		1
HORIZON-MISS-2021-CIT-02-04: Positive Clean Energy Districts	IA	40	15.00 to 20.00	2
HORIZON-MISS-2021-CIT-02-05: Global cooperation and exchange on urban climate neutrality	CSA	2		
OPEN				
Opening: 28 Apr 2022			Deadline(s): 06 Sep 2022	
HORIZON-MISS-2022-CIT-01-01: Designing inclusive, safe, affordable and sustainable urban mobility	IA	42	8.00 to 12.00	4

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**

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, pers w disab) and public space redesign needs.
- ✓ Provide clear guidance on how to systematically incorporate the vulnerable road users dimension into infrastructure planning, etc,...
- ✓ Lesson learnt during Covid – propose suitable solutions for resilience, safety and accessibility of public infrastructure
- ✓ 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.

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

Type of Action: Innovation Action

Indicative Budget: EUR 42 million

Expected EU contribution/project: between EUR 8.00 to 12.00 million (4 projects expected)

Deadlines: 06.09.2022

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.

HE - WP for Cities Mission – Call 2023 **BORRADOR**

Topics	Type of Action	Budget M.€
DEADLINE: 27 ABRIL 2023		
HORIZON-MISS-2023-CIT-01-01: Co-designed smart systems and services for user-centred shared zero-emission mobility of people and freight in urban areas (2Zero, CCAM and Cities’ Mission) (2023)	IA	50
HORIZON-MISS-2023-CIT-01-02: Positive clean energy district (PED) digital twins – from modelling to creating climate neutral Cities	IA	20
HORIZON-MISS-2023”-CLIMA-CITIES-01-01: Urban greening and re-naturing for urban regeneration, resilience and climate neutrality	IA	40
HORIZON-MISS-2023-CIT-02-01: Associating Ukrainian cities to the Climate-neutral and smart cities Mission	CSA	6
		116
Other Actions: Specific Grant Agreement to the FPA to top-up the operations of the Mission Platform		37
Other Actions: Finance Advisory Services		20

Contribution from HE

Strong contribution to the implementation of the Cities Mission is expected from relevant HE partnerships:

- **Built4People – Cluster 5- HE- Destination 4**
- **2Zero – Zero Emission Road Transport - Cluster 5- Destination 5**
- **CCAM – Connected, Cooperative and Automated Mobility – Cluster 5- Destination 6**
- **DUT – Driving Urban Transition – Partnership co-fund**

Contribution to the implementation of the Cities Mission is expected from the European Institute of Innovation and Technology (EIT) and its Knowledge and Innovation Communities (KICs):

- **EIT Climate KIC,**
- **EIT InnoEnergy**
- **EIT Urban Mobility**

Webinars European Commission

- [How to prepare a successful proposal in Horizon Europe](#) (24 March 2021)
- [A successful proposal for Horizon Europe](#) (21 April 2021)
- [The Funding & tenders Portal for beginners](#) (27 May 2021)
- [Dissemination, Communication and Exploitation](#) (9 June 2021)
- [Tips and Tricks while writing your Horizon Europe proposal](#) (23 June 2021)
- [New features Funding & Tenders Portal](#) (28 September 2021)
- [Avoiding errors in declaring personnel costs in Horizon 2020 grants](#) (30 September 2021)
- [Horizon Results Booster](#) (5 October 2021)



Commission Infoday for EU MISSIONS (18-19 January 2022)

- [EU Missions info days - 100 Climate-Neutral and Smart cities by 2030 Mission – YouTube](#)

Infoday convocatorias 2021 Misiones Ciudades, 21 Febrero 2022

- <https://www.horizonteeuropa.es/disponibles-los-videos-y-presentaciones-de-la-jornada-misiones-horizonte-europa-novedades-y>

Cities Mission Web Page:

[EU Mission: Climate-Neutral and Smart Cities | European Commission \(europa.eu\)](#)

NetZeroCities:

www.netzerocities.eu

Comunidad de Transformación de Ciudades-Grupo Espejo de la Misión de Ciudades

- [Comunidad de Ciudades - El Día Después será... \(diadespues.org\)](#)

Para cualquier consulta

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Más información



Mantente informado a través del Portal español de Horizonte Europa:

www.horizonteeuropa.es

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