

Horizonte Europa Misión Ciudades

Programa de Trabajo 2026-2027



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**Delegada Comité Programa Clúster 5-Energía
Punto Nacional de Contacto – Misión Ciudades**

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Mission: “100 Climate-Neutral and Smart Cities by 2030”



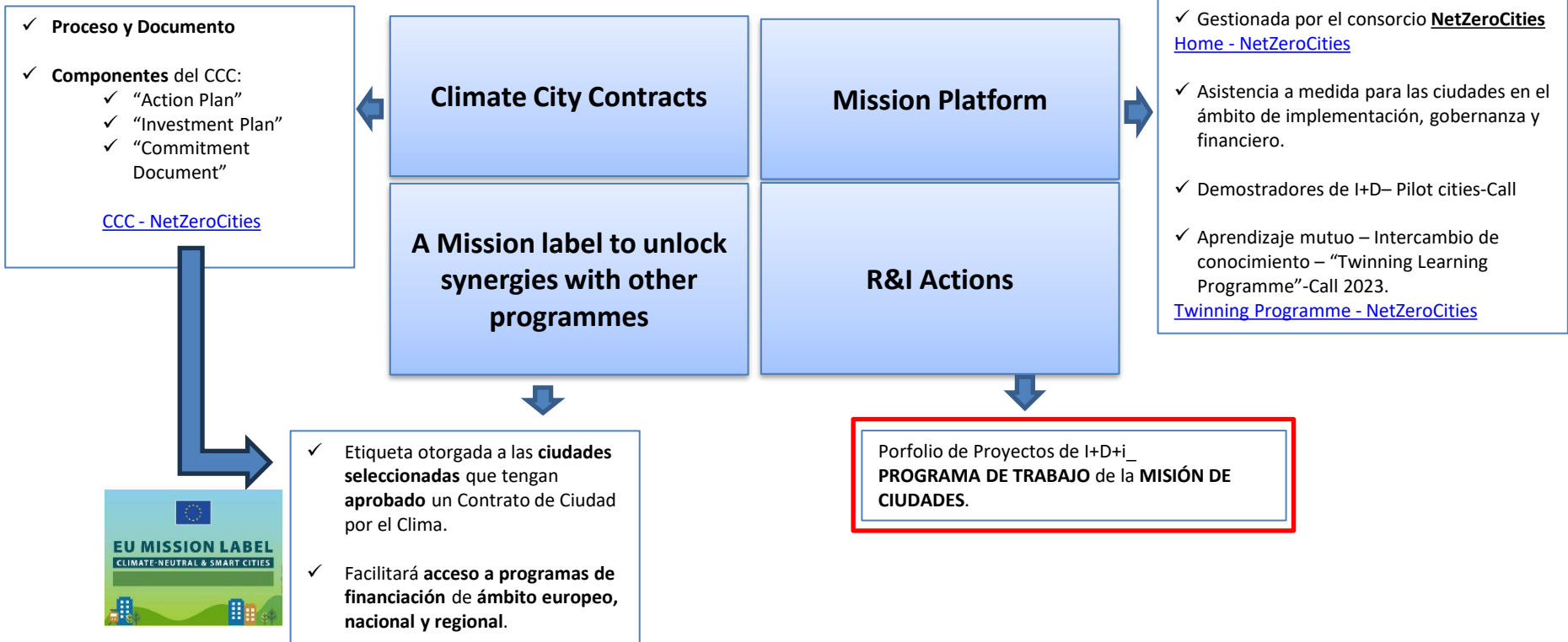
- Deliver at least **100** climate-neutral and smart European cities by **2030**
- Ensure that these cities act as experimentation and **innovation hubs** to put all European cities in a position to become climate-neutral by 2050



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 \(europa.eu\)](#)

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

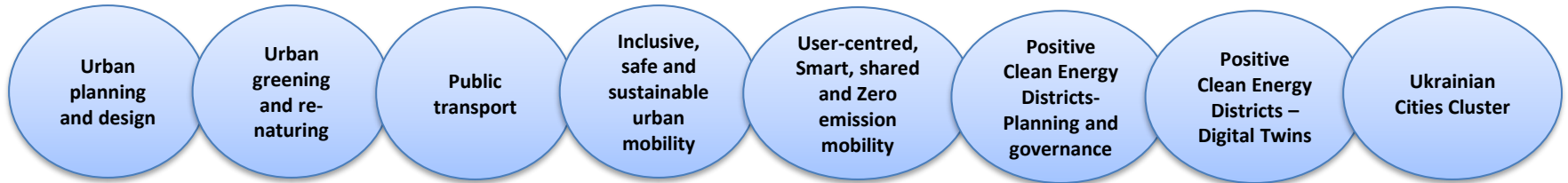
Elementos principales de la Misión de Ciudades



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“Portfolio” de Proyectos de I+D

Proyectos financiados en los Programas de Trabajo de la Misión Ciudades están agrupados en **8 clústers temáticos**:



La “[Mission Platform](#)” está firmando “MOUs” con proyectos bajo estos clústeres para asegurar:

- Colaboración e intercambio de soluciones
- Crear sinergias

El listado de “MOUs” firmados está disponible en: [NetZeroCities Partnerships: Accelerating Climate Action](#)

Programa de Trabajo 2026-2027 (I)

AREA	Topic code	Topic title	Deadline	Type of Action	Budget (M€)	Number of expected projects	TRL (end project)
CITIES MISSION	HORIZON-MISS-2026-04-CIT-01	Energy efficient urban and sub-urban public transport, complemented by shared mobility	08/10/2026	IA	20,0	2	TRL 7-8
	HORIZON-MISS-2026-04-CIT-02	Transition to low-temperature heating solutions in multi-apartment buildings		IA	18,0	3	TRL 7-8
	HORIZON-MISS-2027-04-CIT-01	Innovative microgrids for improved energy system integration and efficiency in urban contexts	07/10/2027	IA	20,0	3	TRL 7-8
	HORIZON-MISS-2027-04-CIT-02	Hydrogen cities		CSA	5,0	1	
	HORIZON-MISS-2027-04-CIT-03	Inclusive and climate resilient multimodal passenger hubs enhancing modal shift towards sustainable transport and shared mobility		IA	18,0	2	TRL 8
	HORIZON-MISS-2027-04-CIT-CCRI-04	Advancing circular logistics solutions in cities		IA	22,5	3	TRL 7-8
	HORIZON-MISS-2027-04-CIT-05	Boosting the transformation towards climate-neutral cities, the net-zero economy and open strategic autonomy through Pre-Commercial Procurement (PCP)		PCP	26,82		

Textos definitivos: [12. Missions](#)

Programa de Trabajo 2026-2027 (II)

AREA	Topic code	Topic title	Deadline	Type of Action	Budget (M€)	Projects to be funded	TRL (end project)
Cities MISSION JOINT-CALLS	HORIZON-MISS-2026-04-CIT-NEB-B4P-CCRI-03	Introducing circular economy models in the construction sector , from buildings to city scale	08/10/2026	IA	47,5	5	TRL 7-8
	HORIZON-MISS-2027-07-CLIMA-CIT-NEB-01	Urban nature: supporting restoration of urban ecosystems, along urban transport networks and in the built environment	22/09/2027		40,0	4	TRL 7-8
	HORIZON-MISS-2027-07-CLIMA-CIT-CCRI-02	Deploying innovative wastewater management, treatment and valorisation solutions in European cities and regions in the context of climate change			28,5	3	TRL 7-8

Otras acciones de apoyo:

- **MISSION PLATFORM** – EUR 50 M (+ EUR 10 M Adaptation Mission contribution to Climate City Capital Hub)
- **FINANCIAL ADVISORY SERVICES AND TECHNICAL ASSISTANCE TO MISSION CITIES (EIB):** EUR 18 M (2026), EUR 19 M (2027)

Programa de Trabajo 2026-2027 - Convocatorias

CALLs 2026-2027	DEADLINE	BUDGET	Nº TOPICS
HORIZON-MISS-2026-04	08 October 2026	85,50	3
HORIZON-MISS-2027-04	07 October 2027	92,32	5
HORIZON-MISS-2027-07	22 September 2027	68,50	2
		246,32	10



Textos **definitivos**: [12. Missions](#)

Programa de Trabajo 2026-2027- Calls 2026

Convocatoria 2026						
Topic code	Topic title	Deadline	Type of Action	Budget (M€)	Number of expected projects	TRL (end project)
HORIZON-MISS-2026-04-CIT-01	Energy efficient urban and sub-urban public transport , complemented by shared mobility	08/10/2026	IA	20	2	TRL 7-8
HORIZON-MISS-2026-04-CIT-02	Transition to low-temperature heating solutions in multi-apartment buildings		IA	18	3	TRL 7-8
EU Missions' Joint Calls						
HORIZON-MISS-2026-04-CIT-NEB-B4P-CCRI-03	Introducing circular economy models in the construction sector , from buildings to city scale	08/10/2026	IA	47,5	5	TRL 7-8

HORIZON-MISS-2026-04-CIT-01: Energy efficient urban and sub-urban public transport, complemented by shared mobility

Type of Action: Innovation Action

**Indicative Budget: EUR 20 million
(2 projects expected)**

TRL 7-8 by the end of the project

Eligibility conditions:

- **At least three cities**, from the local authority, **each from a different Member State or Associated Countries** along with **at least three follower cities** must participate ensuring a good **geographical balance**.
- **Follower cities can be from the same MS/AC as the lead cities.**
- At least **one of the three cities must be one of the 112 cities** selected for the EU Cities Mission.

Collaboration with the Cities Mission Platform through a **MoU**.

HORIZON-MISS-2026-04-CIT-01: Energy efficient urban and sub-urban public transport, complemented by shared mobility

Public transport is firmly at the centre of sustainable urban mobility policies at EU level and across Member States, in complementarity with active mobility and shared mobility services.

The objective of this topic is to **explore and test solutions to increase energy-efficiency and attractiveness of urban and sub-urban public transport, urban mobility service car fleets, and other active and shared mobility solutions**, in the pilot sites involved in the proposals, including by facilitating **exchange of experiences and good practices and fostering learning at European level**.

Designing urban and sub-urban systems that are **energy-efficient and attractive and are tailored** for complementary mobility options requires different thinking: e.g. new approaches to integrated urban planning; changes to or upgrades of infrastructure and redistribution of public space; better use of data and technology solutions to enable effective multimodality, including leveraging AI solutions; targeted local policies to promote and integrate different mobility options, to increase connectivity especially in peri-urban, rural, and underserved areas throughout the city, extending beyond the city centre.

The consortium should bring together academia, responsible local authorities, public transport operators, urban mobility service car fleet providers, shared mobility service providers, and other relevant stakeholders.

HORIZON-MISS-2026-04-CIT-02: Transition to low-temperature heating solutions in multi-apartment buildings

Deadline: 08.10.2026

Type of Action: Innovation Action

Indicative Budget: EUR 18 million
(3 projects expected)

TRL 7-8 by the end of the project

Eligibility conditions:

At least two cities, each from a different Member State or Associated Country, must participate as beneficiaries. At least one of the two cities must be one of the 112 cities selected for the EU Cities Mission.

Procedure:

Balanced portfolio covering both district heating and building-level heating solutions

Collaboration with the Cities Mission Platform through a MoU.

HORIZON-MISS-2026-04-CIT-02: Transition to low-temperature heating solutions in multi-apartment buildings

Lump-Sum

Expected Outcome: The projects are expected to deliver on one of or combination of the following expected outcomes:

1. Faster transition of **district heating systems** towards low-temperature operations
2. Faster transition of **building heating systems** towards low-temperature operations
3. Increased **use of renewable energy and/or waste heat**

The topic supports the creation of the conditions necessary for the **conversion of existing supply solutions – district heating, as well as individual heating ones – into low-temperature alternatives**, along with reducing and optimising the heat load of buildings.

- There is a need to demonstrate solutions that support the transition to **low-temperature district heating systems** operating at supply **temperatures at below 70°C**.
- There is a need to **demonstrate systems based on heat pumps solutions to replace both central and individual fossil fuel boilers in existing residential multi-apartment buildings**.

Projects are expected to demonstrate the proposed solutions in **2 different climate zones**, at building, district and/or city level.

District Heating: Article 26(1) of the Directive (EU) 2023/1791 – Directive on EE

HORIZON-MISS-2026-04-CIT-NEB-B4P-CCRI-03: Introducing circular economy models in the construction sector, from buildings to city scale

Deadline: 08.10.2026

Type of Action: Innovation Action

Indicative Budget: EUR 47,5 million
(5 projects expected)

TRL 7-8 by the end of the project

Eligibility conditions:

At least three cities, each from a different Member State or Associated Country, must participate as beneficiaries. **At least one of the three cities must be one of the 112 cities selected** for the EU Cities Mission.

Collaboration with the Cities Mission Platform through a **MoU**.

HORIZON-MISS-2026-04-CIT-NEB-B4P-CCRI-03: Introducing circular economy models in the construction sector, from buildings to city scale

Lump-Sum

Scope: Proposals are expected to address all of the following:

- Develop and demonstrate **tools and solutions at district or city level** to support the introduction of **circularity principles in the construction sector**, and **quantify their impacts** (for example: urban mining; reuse and recycling of construction products and materials and other resources, use of secondary biobased materials; building's innovative, accessible and adaptive design, renovation, and repurposing of buildings in line with waste prevention and circular economy principles).
- Develop and demonstrate **solutions for the diagnosis and performance characterisation of used construction products and demolition waste**, in terms of their condition and potential reuse, and to **create inventories** of reclaimed products and materials, as well as **appropriate business models** including marketplace tools with components and material banks.
- Develop and demonstrate **whole life-cycle GHG emissions inventories** of buildings
- Contribute to **reducing regulatory barriers** and **developing standards**, where relevant.
- Ensure the **integration of different value chains, active involvement** of all relevant construction sector stakeholders, policy-makers and the people impacted by the solutions developed, including SMEs, building owners, local authorities and civil society.

Demonstrate the proposed tools and solutions **in at least three cities**, each from a different Member State or Associated Country. The cities must participate as beneficiaries.

Oportunidades Calls 2027

HORIZON-MISS-2027-04-CIT-01: **Innovative microgrids** for improved energy system integration and efficiency in urban contexts (IA):
Develop an LVDC microgrid, connecting all electrical applications inside the building, in order to improve energy and materials efficiency and optimize local electrical and/or thermal energy storage and self-consumption of local renewables.

HORIZON-MISS-2027-04-CIT-03: Inclusive and climate resilient **multimodal passenger hubs** enhancing modal shift towards sustainable transport and shared mobility (IA)
Climate resilient of major multimodal passenger hubs' infrastructures and services within and between cities as well as peri-urban and rural areas.

HORIZON-MISS-2027-04-CIT-CCRI-04: Advancing **circular logistics solutions** in cities (IA)
Optimised resource utilization in urban logistics value chain and reduced waste packaging in urban freight transport through innovative circular economy approaches.

HORIZON-MISS-2027-07-CLIMA-CIT-NEB-01: **Urban nature**: supporting restoration of urban ecosystems, along urban transport networks and in the built environment (IA)
Develop tools, methods, on how and where to restore, increase and maintain urban green space and tree canopy cover.

HORIZON-MISS-2027-07-CLIMA-CIT-CCRI-02: Deploying innovative **wastewater management, treatment and valoration solutions** in European Cities and regions in the context of climate change (IA):
Innovative practices for urban wastewater MNG, considering: EE, energy and secondary raw material recovery and water reuse.

[Información de los topics: 12. Missions](#)

Otras oportunidades de financiación en HE



Partenariados Coprogramados – Clúster 5

- People-centric sustainable built environment (**Built4People**)
- Towards zero-emission road transport (**2ZERO**)
- Connected, Cooperative and Automated Mobility (**CCAM**)
- Transport-related health and environment

[Reference Documents \(europa.eu\)](#)

HORIZON-CL5-2026-01-D5-17: Real time monitoring of regulated and non-regulated emissions from all types of vessels and other port activities in order to enforce emission limits in waterfront cities

Deadline:
20.01.2026

Partenariado Co-fund “Driving Urban Transition”

Partnership Concept



Positive Energy Districts and Neighbourhoods transforming the urban energy system



Downsizing District Doughnuts an integrated approach for urban greening and circularity transitions



The 15 Minutes Cities rethinking the urban mobility system and space

Stage 1 opening	September 2025
Stage 1 closing	17 Nov 2025
Stage 2 opening	February 2026
Stage 2 closing	April 2026

Contactos:

CDTI: partenariadoshe@cdti.es

AEI: urban@aei.gob.es

[DUT Call 2025 | dut](#)

CITIES MISSION – Resultados España 2021-2023

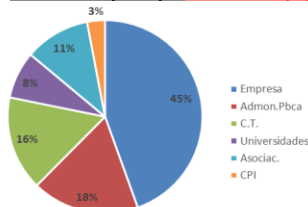
Subvención obtenida por España: 37,8M.€ (270,2 M.€ Total) (15% UE-27)

101 participaciones I+D+i
(13,4%)



3 proyectos
coordinados de 25
financiados (12%)

Retorno ES por tipo de entidad (%)



Entidades coordinadoras:

Fundación CARTIF
Instituto Catalán de Arquitectura
Avanzada - ICAA

Entidades más destacadas:

F. Cartif
F. CIRCE
ETRA I+D, S.L.
Ferrovial Construcción S.A.
Prezero Gestion de Residuos S.L.
Factual Consulting, S.L.
Ayuntamiento de Madrid

España se sitúa como el 2º país en retornos: 15 % UE-27, por detrás de DE y seguido de IT, BE y FR

Mission Cities – Calls 2021-2022

Proposal Acronym	Thematic Area	Grant M.€	Duration	Living Labs/cities/demos
UP2030	Urban planning and design (2021)	11	36	Belfast, Budapest, Granollers, Istanbul, Lisbon, Milan, Munster, Thessaloniki, Rotterdam, Zagreb
Re-Value		12	48	Alesund, Brugge, Burgas, Rimini, Cascais, Constanza, Pisek, Rijeka, Izmir
CLIMABOROUGH		11	48	Athens, Cascais, Grenoble, Differdange, Ioannina, Maribor, Sofia, Torino, Krk, Katowice, Pilsen, Prijedor
UPPER	Public Transport backbone of urban mobility (2021)	20	48	Valencia , Rome, Ile de France, Osio, Mannheim, Lisbon, Leuven, Hannove, Budapest and Thessaloniki
SPINE		15	48	Las Palmas , Barreiro, Antwerp, Bologna, Tallin, Gdynia, Sibenik, Heraklion, Valladolid, Zilina, Rouen
NEUTRALPATH	Positive and Clean Energy District (2021)	20	60	Zaragoza , Dresden, Istanbul, Ghent, Vantaa
ASCEND		20	60	Munich, Lyon, Porto, Budapest, Stockholm, Prague, Charleroi, Alba Iulia
REALLOCATE	Designing inclusive, safe, affordable and sustainable urban mobility (2022)	12	48	Gothenburg-Tampere, Heidelberg-Utrecht, Lyon-Warsaw, Budapest-Zagreb, Barcelona -Bologna
ELABORATOR		12	42	Milan, Copenhagen, Helsinki, Issy-les-Moulineaux, Zaragoza and Trikala. Follower cities: Lund (SE), Liberec(CZ), Velejne (SL) , Ioannina (GR), Split (HR) and Krusevac (SE).
AMIGOS		9,4	48	Istambul, Hamburg, Gabrovo, Las Rozas , LAPPEENRANTA
JUST STREETS		11,6	42	Cugir (RO), Kozani (GR), Westminster (UK), Vratsa (BG); Zaragoza (ES) , Milan (IT), Riga (LV), Haifa (IS), Braga (PT), Groningen (NL), Southwark (UK), and Vilnius (LT).
NetZeroCities	Cities Support Platform	53+87,2		(Call EGD-2020) + FPA-SGA (2021)
GKEC	Global exchange - Mission Innovation	2	36	<div style="border: 1px solid red; padding: 5px; background-color: #ffe6e6;"> <p>14 collaborative projects - around 158 M.€ Support to the European Platform – NZC – 140 M.€ (2020-2021)</p> </div>
CRAFT	Collaborative local governance models	2	36	
CapaCITIES	Transformative national change processes	2	24	

Mission Cities – Calls 2023

Proposal Acronym	Thematic Area	Grant M.€	Duration	Living Labs/cities/demos
MetaCCAZE	User-centred shared zero-emission mobility of people and freight (2Zero, CCAM and Cities' Mission)	24,8	48	Amsterdam (NL), Munich (DE), Limassol (CY), Tampere (FI). 6 follower cities (Athens-EL, Krakow-PL, Gozo-MT, Milan-IT, Miskolc-HU, Paris region-FR)
MOBILITIES for EU		24,8	60	Madrid (ES) y Dresden (DE). Ioaninna-GR, Trencin-SL, Espoo-FI, Gdansk-PL, Sarajevo-Bosnia&Herzegovina
TIPS4PED	DIGITAL TWINS for PED	6,5	42	Turín (IT). 3 Follower Cities (Cork - IE, Kozani – Gr, and Budapest-HU)
EXPEDITE		6,7	36	Riga, Latvia
BIPED		6,3	36	Aarhus, Denmark
URBREATH	Urban greening and re-naturing (Cities & Climate adaptation Mission)	13,2	48	Cluj-Napoca (RO), Leuven (BE), Madrid (ES), and Tallin (EE). 5 Follower Cities : Aarhus (DK), Athens (EL), Kajaani (FI), Parma (IT), Pilsen (CZ).
GreenInCities		13,0	48	Barcelona (ES), Prato (IT), Nova Gorica (SL), Athens (EL), Helsinki (FI)
ReGreeneration		10	48	Paris (FR), Barcelona (ES), Alverca (PT), Bucharest (RO), followed by replicators located in Roma (IT), Gent (BE), Ljubljana (SL), Segrate (IT), Lappeeranta (FI).
NetZeroCities	Cities Support Platform	40		FPA-SGA (2023)
SUN4Ukraine	Associating Ukrainian cities to the Climate-neutral and smart cities Mission	5	48	10 collaborative projects - around 116 M.€ Support to the European Plataform – NZC – 40 M.€
U CAN		5	48	

Mission Cities – Calls 2024 -Provisional

Proposal Acronym	Thematic Area	Grant M.€	Duration	Living Labs/cities/demos
CORESPACES	Rethinking urban spaces (IA)	15,0	48	Living Lab from 9 European cities
NEXTLOGIC		15,0	48	Pilots in eight European cities
URBAN-FLOW		15,0	48	Three Lead Cities: Valencia (Spain), Florence (Italy), and Tampere (Finland). Three Replicant Cities: Edinburgh (United Kingdom), Brussels (Belgium), and Pilsen (Czech Republic)
AETHER	Zero-pollution cities (RIA)	5,0	42	Gävle (GAV), Sarajevo (SRJ), Lausanne (LAU), Barcelona (BCN) city and province, Barakaldo (BRK)
HARMONIE		5,0	36	
PUREPOLIS		5,0	36	
ATMOPOLIS		5,0	48	
periASTY	Integrated peri-urban areas in the transition towards climate neutrality (IA)	9,2	36	Dublin, Limassol, Ljubljana, Marseille, Guimarães, Helmond, Kalamata, Sofia, and Sisslerfeld (SW)
BIO-INTEL-MOB		9,0	42	Pilot demonstrations in Rome, Cascais, Riga & Vilnius, alongside satellite pilots in Melsungen, Ciampino, Urla, and Rhodes
ALTHEA		9,0	36	5 demo (Antwerp-Rotterdam, Milan metropolitan region, Alicante- Elche Functional Area, Epirus-Ioannina region and Lisbon metropolitan region) and three replicator sites (Greater Copenhagen, Gdynia and Aachen)
Shift2Sustain	Mobility Management Plans and Behavioural Change (CSA)	5	36	11 collaborative projects - around 97,2 M.€

Plataforma nacional - citiES2030

Plataforma de Colaboración para la Neutralidad Climática de las Ciudades Españolas
[citiES 2030](#)



citiES 2030 impulsa la descarbonización de las ciudades españolas en el marco de las Misiones de la Unión Europea.

Ciudades involucradas: Barcelona, Madrid, Sevilla, Valencia, Valladolid, Vitoria, Zaragoza, **Cartagena, Bilbao, Chiclana, Gijón, Málaga, Santa Cruz de Tenerife, Santander, Toledo, Pamplona, Viladecans.**

Información de interés

EU Missions INFO DAYS – Topics 2026

Online **21 January 2026**

[Events | The research and innovation community platform](#)



EU Missions Brokerage Event 2026

Online **28-29 January 2026**

<https://horizoneuropencpportal.eu/stage/registration-open-eu-missions-brokerage-event-2026>



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Para cualquier consulta

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