

Misiones Europeas de Investigación e Innovación

Gobernanza e instrumentos

Red de Políticas de I+D+I

Borja Izquierdo
Director de internacional
FECYT

Indice

- **Introducción a Misiones de I+D+I**
- Gobernanza y coordinación
- Actividades en Horizonte Europa
- Ejemplos de coordinación

Introducción Misiones

Las Misiones son un paquete de acciones de I+i, y más...



Misiones de investigación e innovación

Relacionar mejor la investigación e innovación de la UE con las necesidades de la sociedad y la ciudadanía, con una gran visibilidad e impacto.

Cartera de acciones de I+I (pero no solo) basadas en la excelencia y orientadas a los resultados, multidisciplinares y multisectoriales, destinadas a:

- alcanzar dentro de un **plazo determinado** una **meta cuantificable** que no podría lograrse mediante acciones individuales;
- tener una **repercusión en la sociedad y en la formulación de políticas** por medio de la ciencia y la tecnología, y
- ser **pertinentes** para una parte significativa de la población europea y un amplio sector de los **ciudadanos europeos**;

Introducción Misiones



9



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Fuente CDTI

Introducción Misiones

Un amplio calendario que culmina con un WP inicial en 2021



Fuente CDTI

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EU level: strategic dialogue and programming

Strategic discussion and steering of EU Missions, including the preparation of Horizon Europe EU Missions work programme part.

Project Group of Commissioners for Research and Innovation Political steer

European Commission services

Mission Manager (x5)
Chair Steer

Steering & coordinating

DG RTD
Common Policy Centre

Mission Secretariats (x5)
Policy coordination of Mission Implementation

Executive Agencies
Implementation and Feedback to policy

Mission Owners Groups (x5)
Inter-service coordination of Mission programming

Mission Boards (x5)
Experts' advice

Engaging MS and AC

Information / exchanges of views / opinions related to missions and on the Mission Horizon Europe part of the "main" work programme.

Strategic Configuration of the Horizon Europe Programme Committee (SPC)

SPC Missions Working Groups

- Restore our Ocean and Waters by 2030
- A Soil Deal for Europe
- Adaptation to Climate Change
- 100 Climate Neutral and Smart Cities by 2030
- Cancer

EIP-AGRI European Innovation Partnership for Agricultural Productivity and Sustainability - EU level network
EU Expert on Soil Protection

Subgroup on Cancer under the Steering Group on Health Promotion, Disease Prevention and Management of Non-Communicable Diseases (SGPP)

Council

European Parliament

European Economic and Social Committee (EESC)

Committee of the Regions (CoR)

Initiatives and networks with Member States

These structures will favour mutual exchanges, raise awareness and foster dialogue on EU Missions at national, regional and local levels, etc.



EU Mission National Contact Points (NCPs)

ERA Forum

Mutual Learning Exercise

TRAMI Mission Core Network

27 Cancer Mission Hubs

National support network for cities

Common Agricultural Policy (CAP) structures and networks

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Interlinking with the regional and local levels

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Services for Mission Implementation

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Stakeholder engagement

Health Policy Platform (HPP)

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National support network for cities

EU dialogue with companies, businesses, including financial institutions
EU dialogue with municipalities and regions

Conference on the Future of Europe

Citizen engagement: co-designing, co-deployment, co-monitoring



Diagrama Gobernanza Misiones

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Ejercicio de mapeado de actividades alrededor de Misiones

Guideline on how to use this Mapping Sheet:

Information entry shall be coordinated by a **dedicated country correspondent** who is responsible for coordinating data collection and entry. It is up to each country correspondent to develop a process for filling out the mapping template (e.g. as a team of national experts or as an individual) that works best for each country.

This excel sheet contains a suite of tabs where information entry is required. Tab 2 & 3 concern the Umbrella governance of missions (i.e. the national governance for setting up and coordinating the implementation of all 5 EU missions). They are marked **orange**. Tab 4 – 13 concern the single mission governance of the Climate Mission (**blue**), city mission (**red**), cancer mission (**purple**), ocean mission (**green**), soil mission (**brown**). Each pair of tabs is identical.

Explanations and clarifications have been added to different cells with comments. When you hover over a cell, comments become visible.

Please provide the information in english.

Importantly, **if you have questions about this exercise or if you need support with data entry please don't hesitate to get in touch with us through mapping@trami.eu**

Here is a guideline on how you could start but feel free to explore and fill out the excel sheet in another way:

- 1) First, start with the umbrella governance tab (orange) and go through each category from top to bottom starting with the dimension "governance structure". Feel free to add additional rows for a category when needed. Please provide as much descriptive information as possible for each category in the "description" fields. You can also add screenshots, hyperlinks etc. to describe a category. If you cannot enter information (e.g. a category does not exist in your country) please enter N/A.
- 2) Second, continue with the tab umbrella instruments to identify the overarching umbrella policy instruments. Please fill out the cells accordingly.
- 3) Third, continue with each pair of the single missions tabs.

Coordinado a través de Grupos Espejo y liderado por MICIN

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E INNOVACION


INNOVACIÓN

europa

Misiones Grupos Espejo




En octubre de 2019, desde el MICIN se estableció un grupo espejo nacional para cada Misión.



Se ha sido proactivo en la construcción de una posición interministerial coordinada hacia él en las Misiones y las Alianzas.



Los grupos espejo se han reunido frecuentemente y desde el ministerio se han realizado varias reuniones de coordinación.



Towards the Spanish Contribution to the Horizon Europe missions' code design: early report on methodology and first outcomes



Spanish contribution to the co-design of Missions in Horizon Europe: preliminary report April 2020

**ACTUALMENTE
CENTRADOS EN
IMPLEMENTACIÓN
DE MISIONES**

**RENOVACIÓN DE
PARTICIPANTES**

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Misión Suelos 2021-2022



EUR 162 Million for WP 2021-2022

Call	Budgets (EUR million)		Deadline(s)
	2021	2022	
HORIZON-MISS-2021-SOIL-01	5.00		20 Oct 2021
HORIZON-MISS-2021-SOIL-02	62.00		24 Mar 2022
HORIZON-MISS-2022-SOIL-01		95.00	27 Sep 2022
Overall indicative budget	67.00	95.00	

Misión Océanos 2021-2022

2022-Una convocatoria con estructura similar

**Protect and restore
marine and fresh water
ecosystems**

European Blue Parks (IA)

Danube river basin
lighthouse (IA)

**Prevent and eliminate
pollution of our oceans,
seas and waters**

Mediterranean sea basin
lighthouse (IA)

Transbasin topics (IAx2)

**Sustainable, carbon-
neutral and circular
Blue economy**

Baltic and North Sea
basins lighthouse (IA)

**Digital knowledge system, public
mobilisation and engagement**

4 topics (1 IA+3 CSAs)

Joint call OCEAN-CLIMA

1 topic (IA)

Misión Cambio Climático 2021-2022

Call HORIZON-MISS-2022-CLIMA

Topic code	Topic title	ToA	2022 budget (M€)	Estimated EU contribution (M€)	Nº expected grants
HORIZON-MISS-2022-CLIMA-01-01	User driven applications and tools for regional and local authorities, and other end users focusing on climate impacts, data and knowledge	RIA	6	2 - 3	2
HORIZON-MISS-2022-CLIMA-01-02	Unlocking of financial resources for investments into climate resilience	RIA	6	5 - 6	1
HORIZON-MISS-2022-CLIMA-01-03	Best practices on and piloting insurance solutions for climate adaptation in EU regions and communities	RIA	6	2 - 3	2
HORIZON-MISS-2022-CLIMA-01-04	Transformation of regional economic systems for climate resilience and sustainability	RIA	6	5 - 6	1
HORIZON-MISS-2022-CLIMA-01-05	Boost the sponge function of landscape as a way to improve climate-resilience to water management challenges	RIA	3	2 - 3	1
HORIZON-MISS-2022-CLIMA-01-06	Testing and demonstrating transformative solutions on climate resilience , mainstreaming NBSs in the systemic transformation	IA	88,32	12 - 20	5
HORIZON-MISS-2022-OCEANCLIMA-01-01	Mission Climate adaptation and Mission Ocean and waters - Joint demonstration for coastal resilience in the Arctic and Atlantic sea basin	IA	20	20	1

Opening: 12 / 05 / 2022

Deadline: 27 / 09 / 2022

Misión Cáncer 2021-2022

Misión Cáncer: 2022-Una convocatoria

Understanding Cancer / Ensure equitable access

Strengthening research capacities of Comprehensive Cancer Infrastructures (CSA)

Establishing national cancer mission hubs to support the implementation of the Mission on Cancer (CSA)

Prevent what is preventable

Improving and upscaling primary prevention of cancer through implementation research (RIA)

Optimise diagnostics and treatment

Pragmatic clinical trials to optimise treatments for cancer patients (RIA)

Support quality of life

Towards the creation of a European Cancer Patient Digital Centre (CSA)

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Misión Ciudades 2021-2022

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	2.00	1
Opening: 28 Apr 2022 Deadline(s): 06 Sep 2022 CLOSED				
HORIZON-MISS-2022-CIT-01-01: Designing inclusive, safe, affordable and sustainable urban mobility	IA	42	8.00 to 12.00	4

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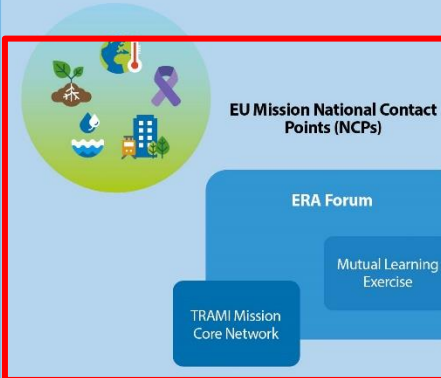


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E INNOVACION

INNOVACIÓN

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Ciudades seleccionadas

EU CITIES

On 28 April 2022, the Commission announced the 100 participating cities which will receive the Commission's support in achieving the goal of Climate-Neutral and Smart Cities by 2030.



SPAIN
Barcelona
Madrid
Seville
Valencia
Valladolid
Vitoria-Gasteiz
Zaragoza

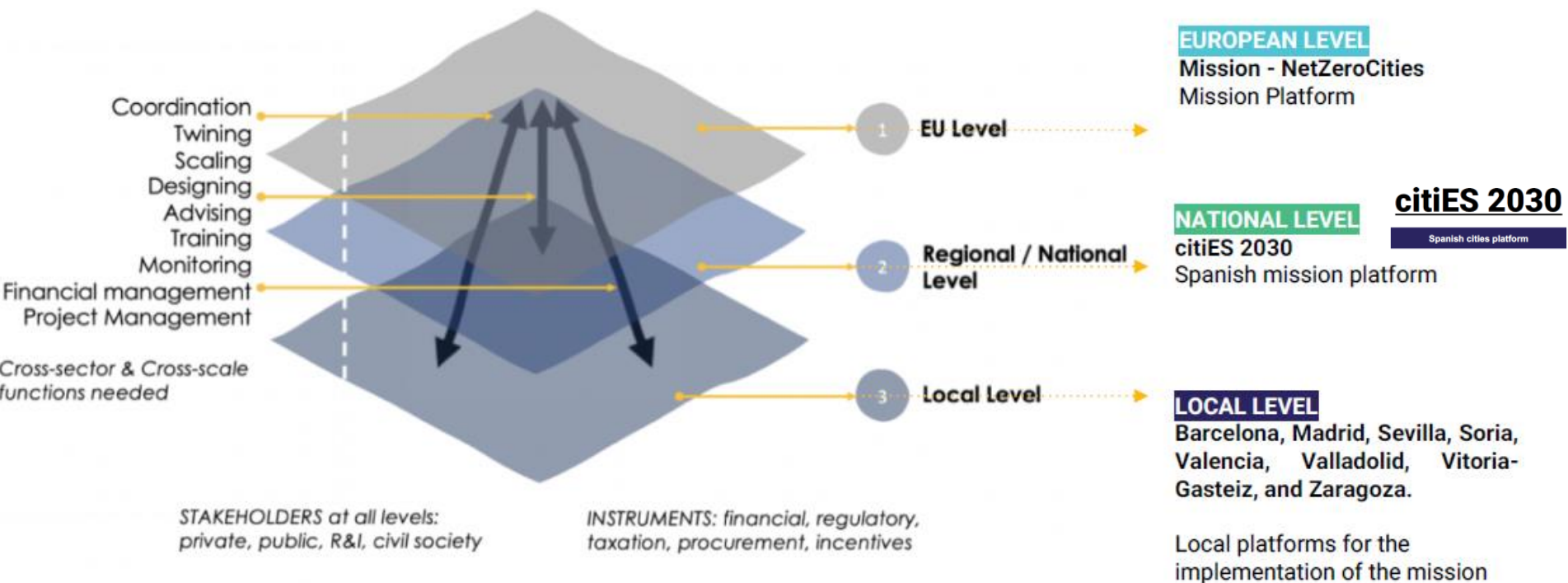
PORTUGAL
Guimarães
Lisbon
Porto



https://ec.europa.eu/regional_policy/en/newsroom/news/2022/05/05-06-2022-discover-the-100-cities-selected-for-the-cities-mission

Coordinación en Misión Ciudades

THREE DIMENSIONS IN WHICH WE OPERATE...



2

ES
2030

CLIMATE "PRE-CONTRACT"

Commitments from the Spanish Government:

- Recognition of citiES 2030 as the reference initiative for the implementation of the EU Cities Mission in Spain.
- Local co-governance for the EU funds.
- Reinforce financing for the implementation of comprehensive actions
- Reinforce the research-innovation-city collaboration.
- Develop a regulatory framework that facilitates the sharing / transparency of data and indicators.
- Promotion of the creation of tax incentives.
- Promotion of legislative modifications that simplify bureaucracy and improve capacities and processes.



- Definition of instruments that promote the supply of 100% renewable energy to municipalities in 2030.
- Establishment of regulatory instruments that facilitate urban systemic innovation.
- Declaration of "Event of Exceptional Public Interest" for the EU Cities Mission in Spain.

Misión Ciudades 2023

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

Algunos contactos

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Guillermo.alvarez@cdti.es

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Listado de NCPs

https://www.horizonteeuropa.es/listado-ncps?field_clasificacion_target_id=297



Descargar listado completo de Puntos Nacionales de Contacto

Misiones

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Muchas Gracias

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