

Foros Permanentes de Encuentro

#NavarreInEurope



Viernes, 17 de junio



11:00 – 12:30

Organiza: Delegación Navarra UE-Bruselas

Colabora:



MISIONES Europeas: Horizonte Europa y más

Gobierno de Navarra



Agurtzane Martínez
Directora General de Innovación

CDTI



Guillermo Álvarez
Jefe Departamento Retos Sociales

DG R&I



Joanna Drake
Mission Manager

DG CLIMA



Johannes Klumpers
Senior Expert DG CLIMA, Head of Secretariat for Climate Adaptation Mission

INGENASA



Carmen Vela
Member of the Board

Surfrider Europe



Antidia Citores
Member of the Board

CDTI



Maria Luisa Revilla
National Contact Point

Gobierno de Navarra



Sergio Pérez García
Director General de Acción Exterior

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EUROPE DIRECT
Navarra · Nafarroa

MISIONES Europeas: Horizonte Europa y más

11:00 – 11:05 Bienvenida Institucional - Introducción a la jornada de Foros Permanentes

Agurtzane Martínez – Directora General de Innovación – GOBIERNO DE NAVARRA

11:05 - 11:20 Contexto de las Misiones (más allá de Horizonte Europa)

Guillermo Álvarez – Jefe Departamento Retos Sociales – CDTI

11:20 - 12:10 Misiones Europeas

Cancer Mission

Joanna Drake – Mission Manager – EUROPEAN COMMISSION / DG R&I

Adaptation to Climate Change Mission

Johannes Klumpers - Senior Expert DG CLIMA, Head of Secretariat for Climate Adaptation Mission - EUROPEAN COMMISSION / DG CLIMA

A Soil Deal for Europe Mission

Carmen Vela – Member of the Board - INGENASA

Restore our Ocean and Waters by 2030 Mission

Antidia Citores – Member of the Board – SURFRIDER EUROPE

100 Climate-Neutral and Smart Cities by 2030 Mission

Maria Luisa Revilla – National Contact Point - CDTI

12:10 – 12:25 Debate y preguntas

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Guillermo Álvarez
Jefe Departamento Retos
Sociales

#innovacion
#ayudascdti
#asesoramiento
#internacionalizacion



Contexto de las Misiones: Más allá de HE(?)

17 de junio de 2022



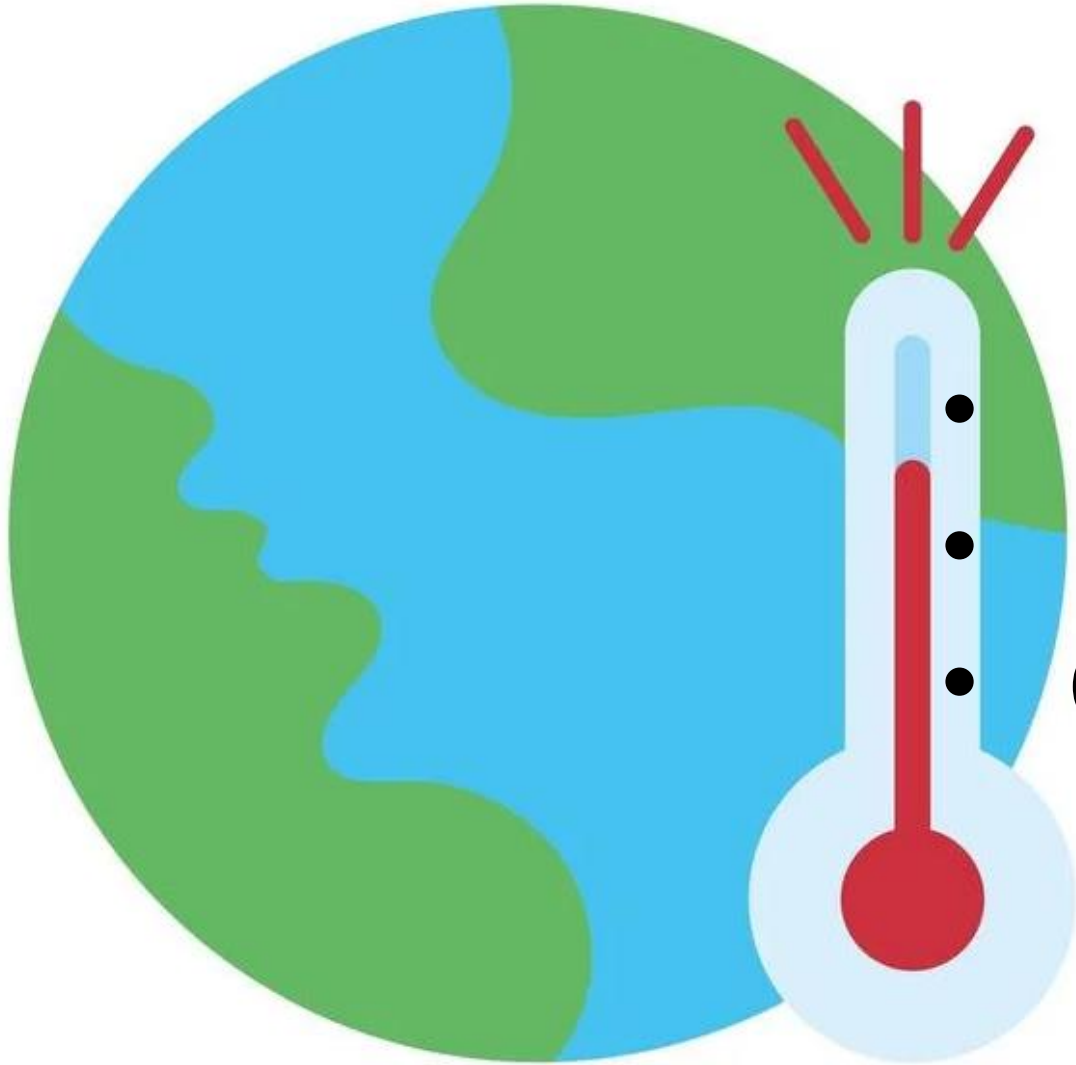
¿ Qué son las misiones?

R&I missions should:

- Be bold and inspirational, with wide societal relevance
- Indicate a clear direction: targeted, measurable and time-bound
- Be ambitious but based on realistic research and innovation actions
- Spark innovation across disciplines, sectors and actors
- Be based on a bottom-up approach of multiple solutions

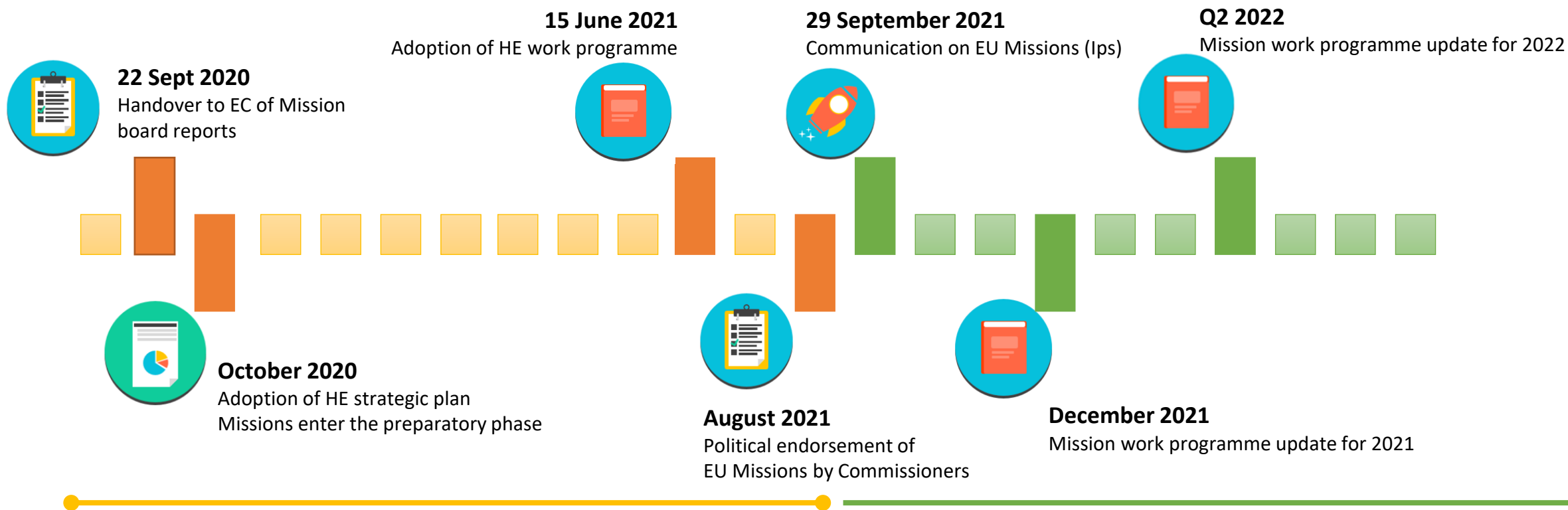


Implementación en fases



- Preparación (2021-2023)
- Despliegue (2024-2027)
- Consolidación (2028-2030)

Calendario



Missions' preparatory phase:

Preparation of solid implementation plans
Preparatory actions in the WP to lay foundation for missions' implementation

Missions' implementation phase:

Two Missions work programme amendments (Q4 2021, Q2 2022) to start missions implementation on the ground.

2017
Julio

Missions and FP9: Informe Lamy



LAB – FAB – APP

Investing in the European future we want

Report of the independent High Level Group on maximising the impact of EU Research & Innovation Programmes



5. Adopt a mission-oriented, impact-focused approach to address global challenges

Action: set research and innovation missions that address global challenges and mobilise researchers, innovators and other stakeholders to realise them.



Definición de Misiones

Art. 2 of the FP/RfP Regulation:

Una **cartera de acciones** de Investigación + Innovación basadas en la excelencia e impulsadas por el impacto en todas las disciplinas y sectores, destinadas a:

- Lograr, dentro de un plazo establecido, un **objetivo medible** que no podría lograrse a través de acciones individuales
- Tener **impacto en la sociedad** y la formulación de políticas a través de la ciencia y la tecnología, y
- Ser **relevante para una parte importante de la población** europea y una amplia gama de ciudadanos europeos.



Misiones

Art. 7 of the FP/RfP Regulation

- Pilar 2 - Desafíos mundiales y competitividad industrial
- Máximo 10% presupuesto anual del Pilar 2 para convocatorias específicas para misiones en los 3 primeros años, después podría incrementarse
- Revisión no más tarde de 2023: creación de nuevas misiones, continuación, terminación, reorientación

“Las misiones se programan dentro del Pilar 2, pero pueden beneficiarse de las acciones realizadas dentro de otras partes del programa.”

Selección de las áreas de Misiones y Boards

2019
Julio

Pascal Lamy,

former Trade Comm and WTO DG

Adaptación al cambio
climático, incluida la
transformación social

Connie Hedegaard,

former European Commissioner for Climate Action



Salud de
océanos,
mares y
aguas
costeras y
continentales



**Ámbitos de
misión**



Prof Harald zur Hausen,

Nobel Prize Laureate in Physiology or Medicine

Cáncer

Ciudades
inteligentes y
climáticamente
neutras



Salud del
suelo y
alimentos

Cees Verman,

former Dutch Agriculture Minister,

Prof Hanna Gronkiewicz-Waltz,

former Mayor of Warsaw

@HorizonteEuropa



Misiones en cada Área

2021
Septiembre



Adaptación al cambio climático, incluida la transformación social

Adaptation to Climate Change

Support at least 150 European regions and communities to become climate resilient by 2030



Salud de océanos, mares y aguas costeras y continentales

Restore our Ocean and Waters by 2030

The Mission proposes a holistic and coherent 2030 vision to address the various interacting and cumulative threats to our ocean and waters.



Ciudades inteligentes y climáticamente neutras

100 Climate-Neutral and Smart Cities by 2030

“Support, promote and showcase 100 European cities in their systemic transformation towards climate neutrality by 2030 and make these cities into experimentation and innovation hubs for all cities, thus leading on the European Green Deal and on Europe’s efforts to become climate neutral by 2050.”



Cáncer

Cancer

Improving the lives of more than 3 million people by 2030 through prevention, cure and for those affected by cancer including their families, to live longer and better



Salud del suelo y alimentos

A Soil Deal for Europe

100 living labs and lighthouses to lead the transition towards healthy soils by 2030

Inclusión de las Misiones en el Plan Estratégico 2021-2023

2021
Junio

WP 2021-2022

- En 2021
 - Acciones preparatorias para definir los planes de implementación
 - Acciones de 2021 apertura a principios de 2022 solo “place holder”

2021
Septiembre

Comunicación COM Misiones

- Razonamiento
- Necesidad
- Objetivos
- Descripción de cada Misión

Planes de Implementación

2021
Septiembre

- Plan de actuación para conseguir los objetivos:
 - Definición de Objetivos
 - Desarrollo Temporal
 - Presupuestos
 - Gobernanza
 - Sinergias con otros Instrumentos
 - Seguimiento y evaluación
 - Implicación Ciudadana y Estrategia de Comunicación

2021
Octubre

Programa de Trabajo 2021 actualizado

- Aprobado por Enmienda
- Dentro del WP general pero separado de los temáticos
- Discutido y aprobado en el Comité Estratégico

2022
Abril

Programa de Trabajo 2022

- Publicado.
- Infoday COM y CDTI

La financiación va más allá de HE



HORIZONTE EUROPA

+ info sobre programas y ayudas
para la
internacionalización de la I+D+I española



@HorizonteEuropa - @CDTIoficial

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Adaptation to Climate Change Mission

DG CLIMA



Johannes Klumpers

Senior Expert DG CLIMA, Head of
Secretariat for Climate Adaptation
Mission



EUROPEAN UNION



EU MISSIONS

ADAPTATION TO CLIMATE CHANGE



EVENTO "FOROS PERMANENTES"

"MISIONES Europeas: Horizonte Europa y más, Navarra, 20220617

#EUmissions #HorizonEU #MissionClimate

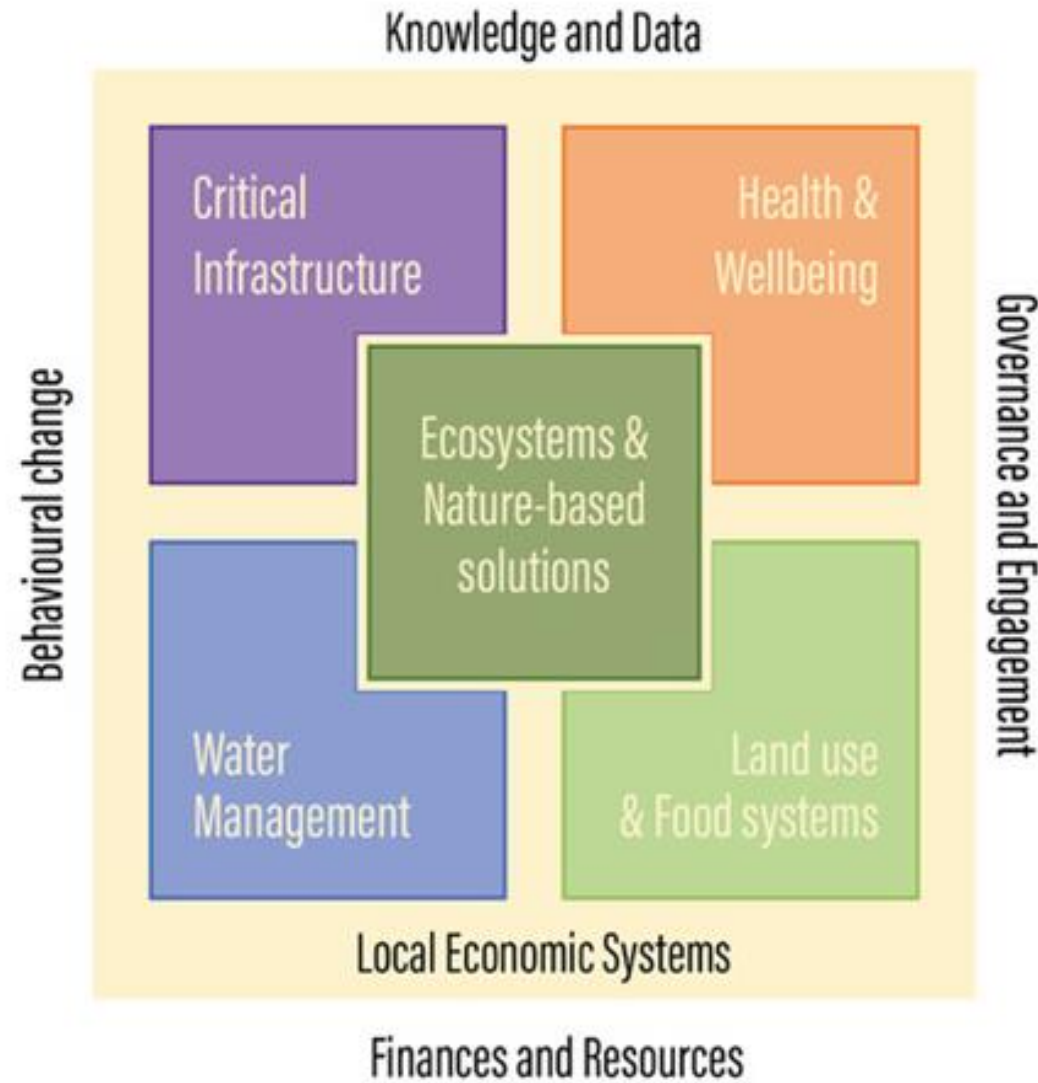


Mission objectives

To help at least 150 European regions and communities towards climate resilience by 2030



Innovation areas



© picture: Peter Löffler

Phases



Build-up (2021-2023)

- Set up of support system
- During this phase, some 60-100 regions and communities will have started to be engaged in the Mission
- Evaluation

Full deployment (2024-2027)

- adjustments
- engaging more regions and innovation areas
- First recommendations on how to reach a climate change resilient Europe

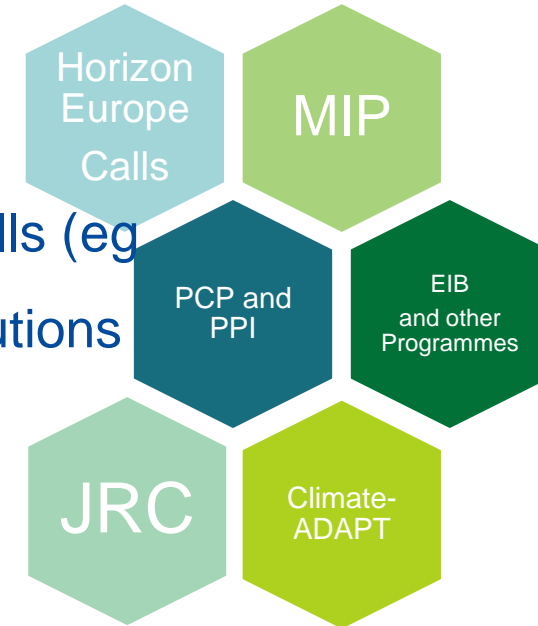
Consolidation (2028-2030)

- Consolidation of results
- Focus on large scale demonstration



How will the Mission support the Regions?

1. Horizon Europe project grants: calls currently opened and future yearly calls (eg possible support to public procurers to buy innovative/pre-commercial solutions for climate resilience)
2. Services by Mission Implementation Platform (MIP)
3. Scientific guidance and support by JRC
4. Access to climate adaptation knowledge from Climate-ADAPT by EEA





Work Programme 2021: RECAP

Topic	Action description	Type of action	Budget In millions EUR
HORIZON-MISS-2021-CLIMA-02-01	Development of climate change risk assessments in European regions and communities based on a transparent and harmonised Climate Risk Assessment approach	RIA	20 <i>with 60% cascading funds</i>
HORIZON-MISS-2021-CLIMA-02-02	Support to the regions in developing pathways towards climate resilience and corresponding innovation agendas	RIA	30 <i>With 70% cascading funds</i>
HORIZON-MISS-2021-CLIMA-02-03	Towards asset level modelling of climate risks and adaptation	RIA	5
HORIZON-MISS-2021-CLIMA-02-04	Large scale demonstrators of climate resilience creating cross-border value	IA	50
HORIZON-MISS-2021-CLIMA-02-05	Local engagement of citizens in the co-creation of societal transformational change for climate resilience	RIA	5
Other actions	Building the Implementation Platform for the Adaptation to Climate Change Mission	Public Procurement	10



Work Programme 2022

Topic	Action description	Type of action	Budget In millions EUR
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
HORIZON-MISS-2022-CLIMA-01-02	Unlocking of financial resources for investments into climate resilience	RIA	6
HORIZON-MISS-2022-CLIMA-01-03	Best practices on and piloting insurance solutions for climate adaptation in EU regions and communities	RIA	6
HORIZON-MISS-2022-CLIMA-01-04	Transformation of regional economic systems for climate resilience and sustainability	RIA	6
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
HORIZON-MISS-2022-CLIMA-01-06	Testing and demonstrating transformative solutions on climate resilience, mainstreaming nature based solutions in the systemic transformation	IA	88
HORIZON-MISS-2022-OCEAN-CLIMA-01-01	Joint demonstration for coastal resilience in the Arctic and Atlantic sea basin	IA	20



The Mission Charter

How?

- Fill in the dedicated [EU Survey](#)
- Evaluation of your commitments to climate adaptation by the Mission Secretariat
- Get invited to sign the Mission Charter

When?

No deadline to apply. Open and inclusive process.

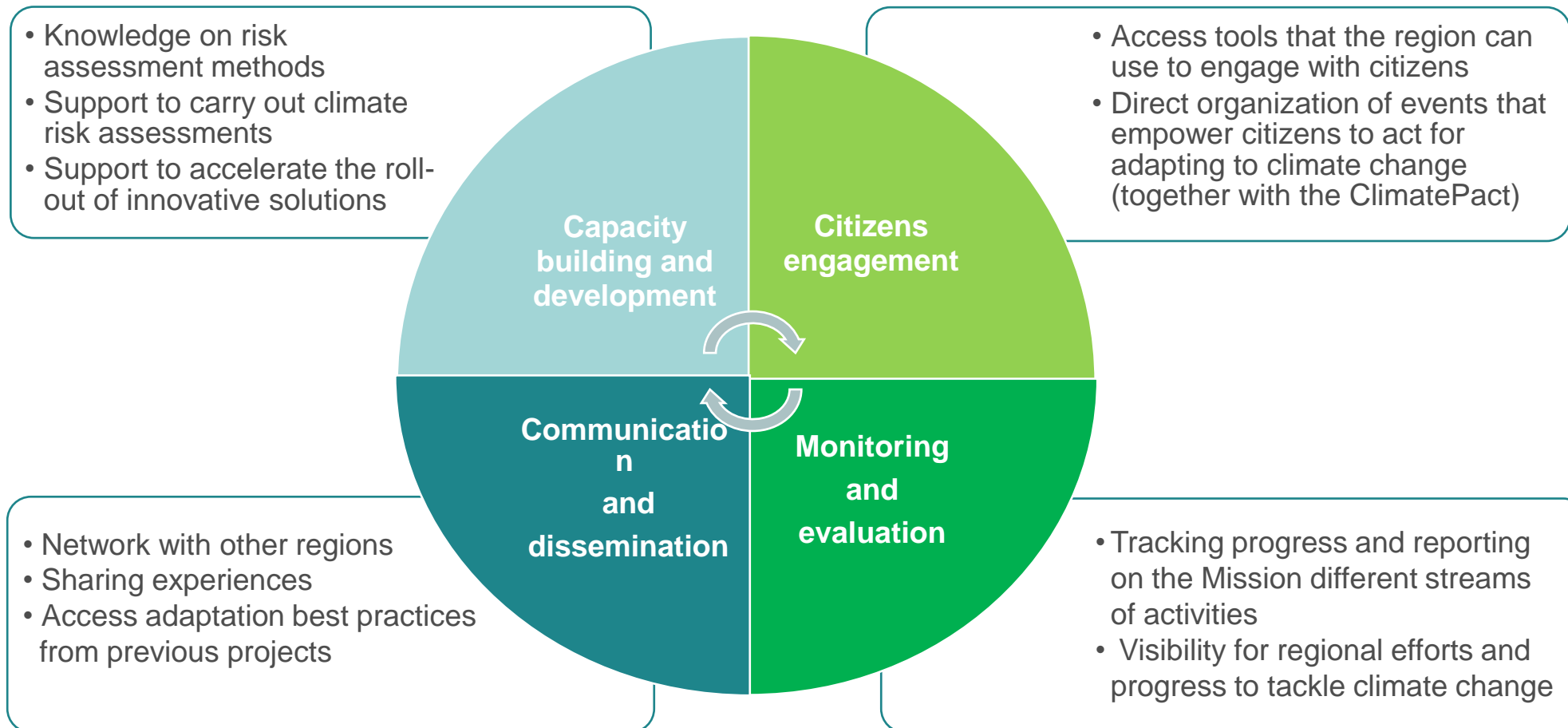
First signatories will be announced at the First Mission Forum

Who?

Representatives from regional and local authorities will sign the Mission Charter on behalf of their respective authorities.



Support through the Mission Implementation Platform (early 2023)





The Mission Charter

- 248 applications received in total
- 118 signatories announced on June 7 at the Mission Forum
- 17 Friends of the Mission announced



First Mission signatories @ the Mission Forum

SIGNATORIES OF THE MISSION CHARTER

- AUSTRIA**
Land Niederösterreich
Römerland Carnuntum
- BELGIUM**
City of Blankenberge
City of Hasselt
Region of Flanders
- BULGARIA**
City of Burgas
- CYPRUS**
Municipality of Athienou
Municipality of Pafos
- DENMARK**
Region of Central Denmark
Region of North Denmark
Region of Southern Denmark
Region Zealand
Vordingborg Municipality
- ESTONIA**
City of Rakvere
City of Tartu
Saue Rural Municipality
Viimsi Municipality
- FINLAND**
City of Turku
Lapland
Region of Southwest Finland
- FRANCE**
Région Ile-de-France
Région Occitanie
Région Provence-Alpes - Côte d'Azur
Région Normandie
Région Nouvelle-Aquitaine
Ville de Paris
- GERMANY**
City of Ingolstadt
City of Bremen
Gelsenkirchen
- GREECE**
Chalki Island
Municipality of Ampelokipi-Menemeni
Municipality of Hersonisos
Municipality of Ilion-Greece
Municipality of Larissa
Municipality of Thernaikos
Municipality of Themi
- HUNGARY**
City of Kiskunmajsa
District center of City of Gyöngyös
Hajdú-Bihar County
Jaszker
Municipality of Püspökszilágy
Municipality of Szarvas
Nagyecséd Város
Önkormányzata
Újléta Község
- ITALY**
Municipality of Cesano Maderno
Province of Potenza
Region of Emilia-Romagna
Region of Sardinia
Region of Trento
Region of Veneto
- NETHERLANDS**
City of Rotterdam
City of Zwolle
Municipality of Amersfoort
Province of Utrecht
- POLAND**
City of Elbląg
City of Gdansk
City of Jastrzębie-Zdrój
City of Konin
City of Lublin
City of Ostrowiec
City of Rabka-Zdrój
City of Rejowiec
City of Rzeszow
City of Świdnica
City of Świecie
City of Turek
City of Wrocław
City of Zakopane
Dolny Śląsk
Gmina Grodzisk
Gmina Janikowo
Gmina Łomża
województwo podlaskie
Gmina Miejska Lidzbark Warmiński
Gmina Pieszyce
Gmina Sorkwity
Gmina Stare Babice
Gmina Wisznia Mała
Mazovian Voivodeship
Region of Podkarpackie
Silesian Voivodeship
Świętokrzyski
- PORTUGAL**
Cascais
Cávado
Coimbra Region
Fundão
Lisbon Metropolitan Area
Mafra
Médio Tejo
Vila Pouca de Aguiar
- SLOVAK REPUBLIC**
Košice region
Bratislava District - Rača
- SPAIN**
Aragon
Ayuntamiento de Soutomaor
Balearic Islands
Basque Country
Castilla La Mancha
Catalonia
City of Vitoria-Gasteiz
Comunitat Valenciana
Extremadura
Gran Canaria
La Rioja
Malaga City Council
Navarra
Principality of Asturias
Province of Granada
Región de Murcia
- SWEDEN**
Region of Blekinge

- ISRAEL**
The Sharon Region
- NORWAY**
Gjøvik kommune
Troms & Finnmark County
- TURKEY**
Bodrum Municipality
City of Izmir
Izmit Municipality

ASSOCIATED COUNTRIES

Press release and Factsheet available at: ec_rtd.eu-climate-mission-meet-the-regions.pdf (europa.eu)

FRIENDS OF THE MISSION

- AUSTRIA**
KLARI Steirische Eisenwurzen
KLARI Südliches Weinviertel
KLARI Zukunftsregion Ennstal
- BELGIUM**
ERRIN
- CZECHIA**
Český sever
MAS Stenbersko
MAS Vysočina region
- GREECE**
LAG Region Central Macedonia
- HUNGARY**
Budapest Főváros XXI
- IRELAND**
Ennis 2040
- ITALY**
LAG Tirreno Eolie
- KENYA**
Kenya-East African Community
- NETHERLANDS**
Netwerk klimaatadaptatie
werkregio Delfland
- OTHER**
Group on Earth Observations (GEO)
Sniffer
- PORTUGAL**
BLC3
Idanha-a-Nova



The Mission Forum

- First ever Mission Forum
- Important element of governance
- 150 participants in the room, 120 linked through Interactio, 1200 participants on-line, 200 participants participating in the sli.do polls.
- Links between European, national and regional level discussed
- Approach confirmed
- Urged to work across Missions (especially Cities and Adaptation)
- Financing and combination of finances identified as a major headache for regions
- Not enough skilled staff in regional administrations

Foros Permanentes de Encuentro

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A Soil Deal for Europe Mission

INGENASA



Carmen Vela
Member of the Board



EUROPEAN UNION

EU MISSIONS



Concrete solutions for our greatest challenges

Carmen Vela

Navarra en Europa. Foros Permanentes de Encuentro . 17 de junio, 2022

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#EUmissions #HorizonEU



HORIZON EUROPE

EURATOM

SPECIFIC PROGRAMME: EUROPEAN DEFENCE FUND

Exclusive focus on defence research & development

Research actions

Development actions

SPECIFIC PROGRAMME IMPLEMENTING HORIZON EUROPE & EIT*

Exclusive focus on civil applications



**Pillar I
EXCELLENT SCIENCE**

European Research Council

Marie Skłodowska-Curie

Research Infrastructures



**Pillar II
GLOBAL CHALLENGES &
EUROPEAN INDUSTRIAL
COMPETITIVENESS**

Clusters

- Health
- Culture, Creativity & Inclusive Society
- Civil Security for Society
- Digital, Industry & Space
- Climate, Energy & Mobility
- Food, Bioeconomy, Natural Resources, Agriculture & Environment

Joint Research Centre



**Pillar III
INNOVATIVE EUROPE**

European Innovation Council

European Innovation Ecosystems

European Institute of Innovation & Technology*

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

Widening participation & spreading excellence

Reforming & Enhancing the European R&I system

Fusion

Fission

Joint Research Center

* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme



R&I Missions

Linking EU's research and innovation to major societal needs; with strong visibility and impact

A mission is a portfolio of actions across disciplines intended to achieve a **bold and inspirational and measurable goal** within a set timeframe, with **impact** for society and policy making as well as relevance for a significant part of the European population and wide range of European citizens.

Horizon Europe defines mission characteristics and elements of governance, and **5 missions areas**.



Five EU missions

Adaptation to
Climate Change

Cancer

Climate-neutral
and Smart Cities

Restore our
Ocean and Waters

Soil Deal
for Europe





EUROPEAN UNION

EU MISSIONS



Concrete solutions for our greatest challenges

A Soil Deal for Europe: 100 living labs and lighthouses to lead the transition towards healthy soils by 2030

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#EUmissions #HorizonEU



Life on Earth depends on healthy soils



- Healthy soils are the **basis for nutritious and safe food**
- Soils deliver **vital, interconnected ecosystem functions**: water regulation, hosting biodiversity, nutrient cycling, climate mitigation and adaptation, carrying landscapes and cultural services
- **Green Deal Targets** on climate, biodiversity, zero pollution and sustainable food systems depend on healthy soils
- Soil is a **scarce, non-renewable resource**: it takes hundreds of years to generate 1 cm of top soil but only a couple of years or less to destroy it
- **Soils are threatened: 60-70% of all soils in Europe are unhealthy** as due to current management practices, pollution, urbanisation and the effects of climate change



We need to act now

Soils need our attention! EU Examples:

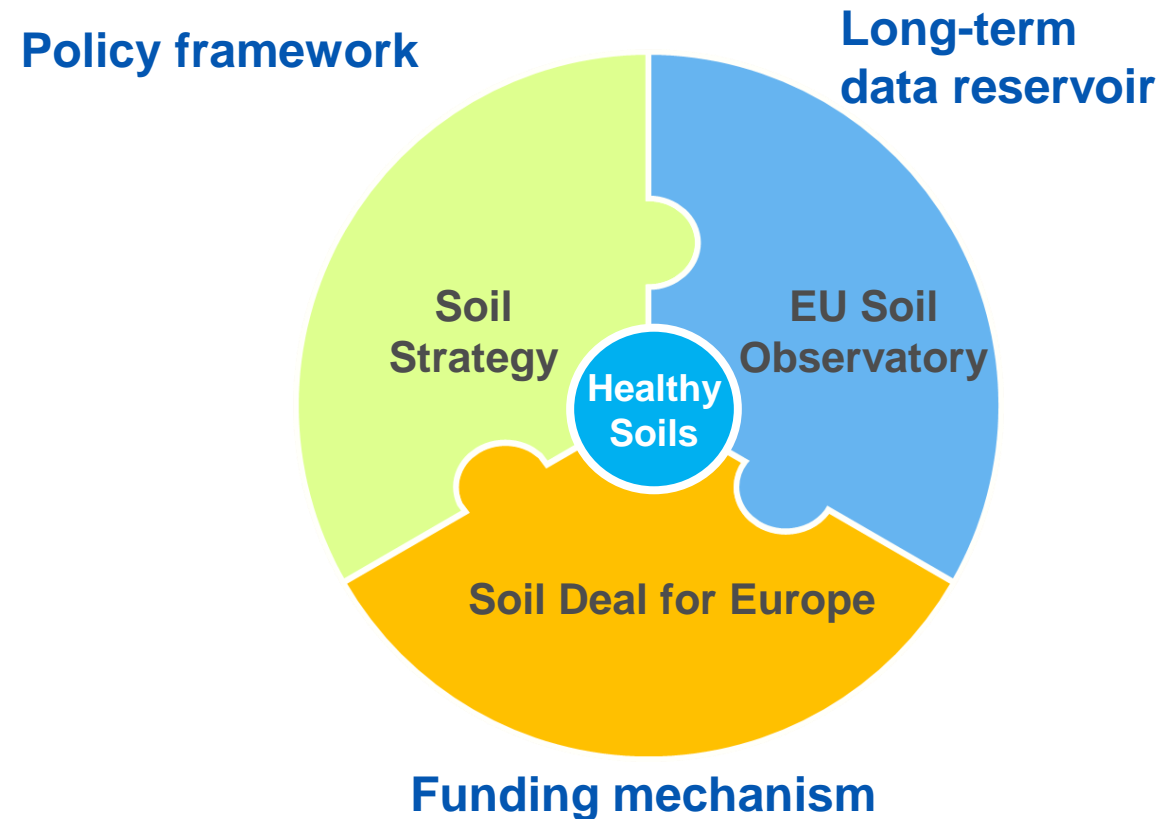
- 2.8 million potential **contaminated sites** (only 24% inventoried) posing major health risks
- 65-75% of agricultural soils with nutrient inputs at levels risking **eutrophication of soils and water** and affecting biodiversity
- Cropland soils **losing carbon** at a rate of 0.5% per year; 50% of peatlands drained and losing carbon – this is contributing to the climate crisis
- 24% of land with **unsustainable water erosion rates**
- 25% of land at High or Very High risk to **desertification** in Southern, Central and Eastern Europe in 2017
- The **costs associated with soil degradation in the EU exceed 50 billion € per year**

The effects of climate change put further pressure on soils and accelerate land degradation!



Added value of mission Soil Deal for Europe

- **Novel approach to R&I:** Combination of R&I activities, local testing grounds, monitoring and training activities in a joined up manner that could not be implemented by individual parts of Horizon Europe or other instruments at EU or Member State level
- **Mobilisation of diverse actors** across EU, Member State and society in ways that would not happen otherwise
- New Soil Strategy, European Soil Observatory and Mission together build an **effective framework for soil protection and restoration**





The mission contributes to the Green Deal

Mission is integrated in:

- Farm to Fork Strategy
- EU Biodiversity Strategy for 2030
- Climate Adaptation Strategy
- Forest Strategy
- Zero Pollution Action Plan for air, water and soil
- Organic Action Plan
- Long term vision for rural areas
- new Soil Strategy (to come)





Co-creating the soil mission - from the MB report to the COM

Mission Board "Soil health and food"



R&I days 2020

the Mission Board hands over its report "Caring for soil is caring for life"



September 2019

R&I days 2019

creation of the Mission Board and the Mission Assembly Soil health and food

until September 2020

the Mission board prepares its recommendation for a mission with involvement of Member States, the Mission Assembly as well as stakeholders and citizens: more than 60 events to promote and co-create the mission all around Europe

September 2020

until June 2021

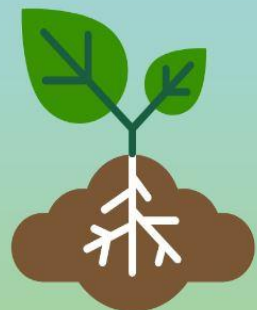
Commission services prepare the **mission implementation plan (IP)** with the advise of the Mission Board

29 Sept 2021

Official launch of the missions through a **Commission Communication**



EUROPEAN UNION



EU MISSIONS

SOIL DEAL FOR EUROPE

Concrete solutions for our greatest challenges

#EUmissions #HorizonEU #MissionSoil





A Soil Deal for Europe – Goal: 100 living labs and lighthouses to lead the transition towards healthy soils by 2030

1. Reduce desertification

2. Conserve soil organic carbon stocks

3. Stop soil sealing and increase re-use of urban soils

4. Reduce soil pollution and enhance restoration



5. Prevent erosion

6. Improve soil structure to enhance soil biodiversity

7. Reduce the EU global footprint on soils

8. Improve soil literacy in society

Each specific objective is backed by **one or more quantified targets** and **measurable indicators**. Objectives apply to **all types of land use**.



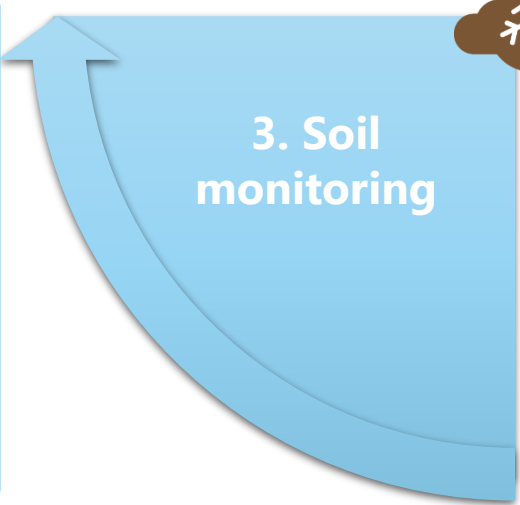
How will the mission be implemented?

Communication material, training curricula for different target groups and specialised “soil advisors”



Data infrastructures and platforms; knowledge to support management practices, business models, technologies

Harmonisation of indicators, measuring and reporting for soil health across Europe; contribution to European Soil Observatory



A network of real-life sites for testing, demonstrating and upscaling of solutions; due attention to balanced representation across regions



Activities under the four building blocks to address soil health and drivers of soil health

Who will act?

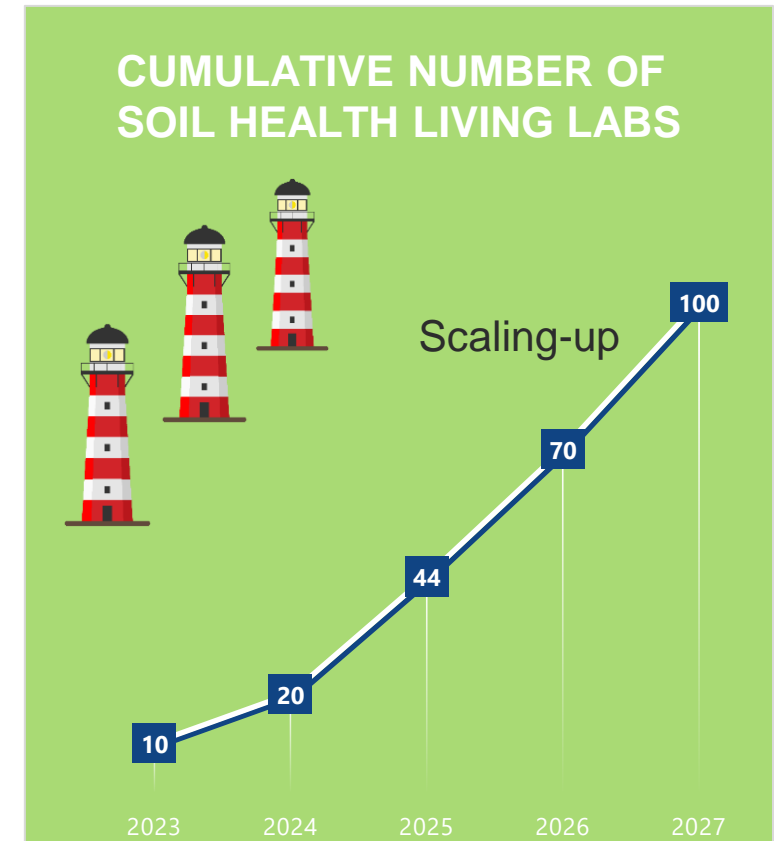
Co-implementation of mission by: researchers, land managers, regions, businesses, policy makers, citizens and international partners





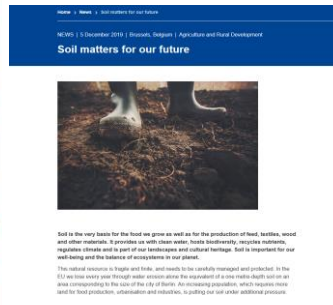
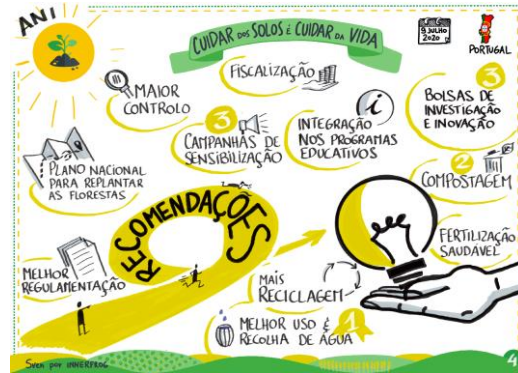
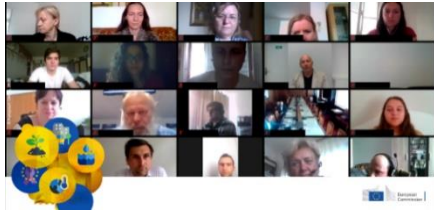
Creation of 100 Living Labs and Lighthouses

- **Living labs** are a core element of the mission – it reflects the ambition to “do research in new ways”: participatory, interdisciplinary, intersectorial.
- **Living labs (LLs)** are “real-life” places for experiments and innovation: each living lab corresponds to a cluster of sites working together at regional or sub-regional level.
- **Lighthouses** are individual places to showcase good practices. Can be from within or outside LLs.
- **Network of living labs** to be gradually established through consecutive calls for living labs under the various Work Programs of Horizon Europe.
- Specific criteria for living labs have been developed under the mission to ensure **common approach and comparability of data and experiences.**





Communication and engagement... ongoing



- World Soil Day – video - tweet: more than **30,000 views** in less than 24h
- 2 major #EIPAgriSoil campaigns
- Articles, press releases, newsletters, social media, videos (**Mission video** more than **110,000 views** in August 2020)
- 150+ co-creation and engagement events (up to October 2021)
 - including **2 International fairs**: International Green Week 2020, Salon de l’Agriculture 2020
- Survey
 - sent to more than **7000** contacts (EN, FR, DE, PL, CS, PT)
 - **more than 2500** contributions received



- **Mission Soil Deal for Europe webpage** - <http://ec.europa.eu/mission-soil>
- **EU mission Soil Deal for Europe – Implementation Plan** https://ec.europa.eu/info/files/eu-mission-soil-deal-europe-implementation-plan_en
- **Press release – missions launch:** https://ec.europa.eu/commission/presscorner/detail/en/IP_21_4747
- **EU missions** https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe/missions-horizon-europe_en
- **Video** https://www.youtube.com/watch?v=53bbzE2lpKc&feature=emb_logo
- **Mission report handover to the European Commission (EU R&I Days 2020)** <https://youtu.be/oAG5-CQIOoc>
- **Soil mission session (EU R&I Days 2020)** <https://research-innovation-days-conference.online/hubs/mission>
- **On a mission to save our soils - the EU's plan to rebuild the land (Futuris episode, euronews)** <https://www.euronews.com/2020/09/21/on-a-mission-to-save-our-soils-the-eu-s-plan-to-rebuild-the-land>

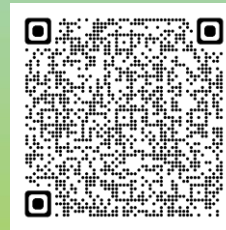
Would you like to know more about the EU Mission: A Soil Deal for Europe? Have a look at some general info [here](#), details on the call [here](#) and recordings from the EU Mission Days [here](#). Listen to a podcast from the European Commission called 'Soils in danger: Europe fights back' [here](#) (in English, German and French).



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Thank you!



#MissionSoil #EUmissions #HorizonEU

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Foros Permanentes de Encuentro

#NavarreInEurope



Viernes, 17 de junio



11:00 – 12:30

Organiza: Delegación Navarra UE-Bruselas

Colabora:



MISIONES Europeas: Horizonte Europa y más

**Restore our Ocean and Waters by 2030
Mission**

Surfrider Europe



Antidia Citores
Member of the Board

Foros Permanentes de Encuentro

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Colabora:



MISIONES Europeas: Horizonte Europa y más

**100 Climate-Neutral and Smart Cities by
2030 Mission**

CDTI



Maria Luisa Revilla
National Contact Point

#innovacion
#ayudascdti
#asesoramiento
#internacionalizacion



Misiones Europeas: Horizonte Europa y más



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@HorizonteEuropa

Foros Navarra - Europea

Luisa Revilla

Dirección de Programas Europeos y Cooperación Territorial, CDTI

Energía.



@HE_Energia_CDTI

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

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)

How to be member of the Cities Mission?

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



377 cities applied to the Call for EoI

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.

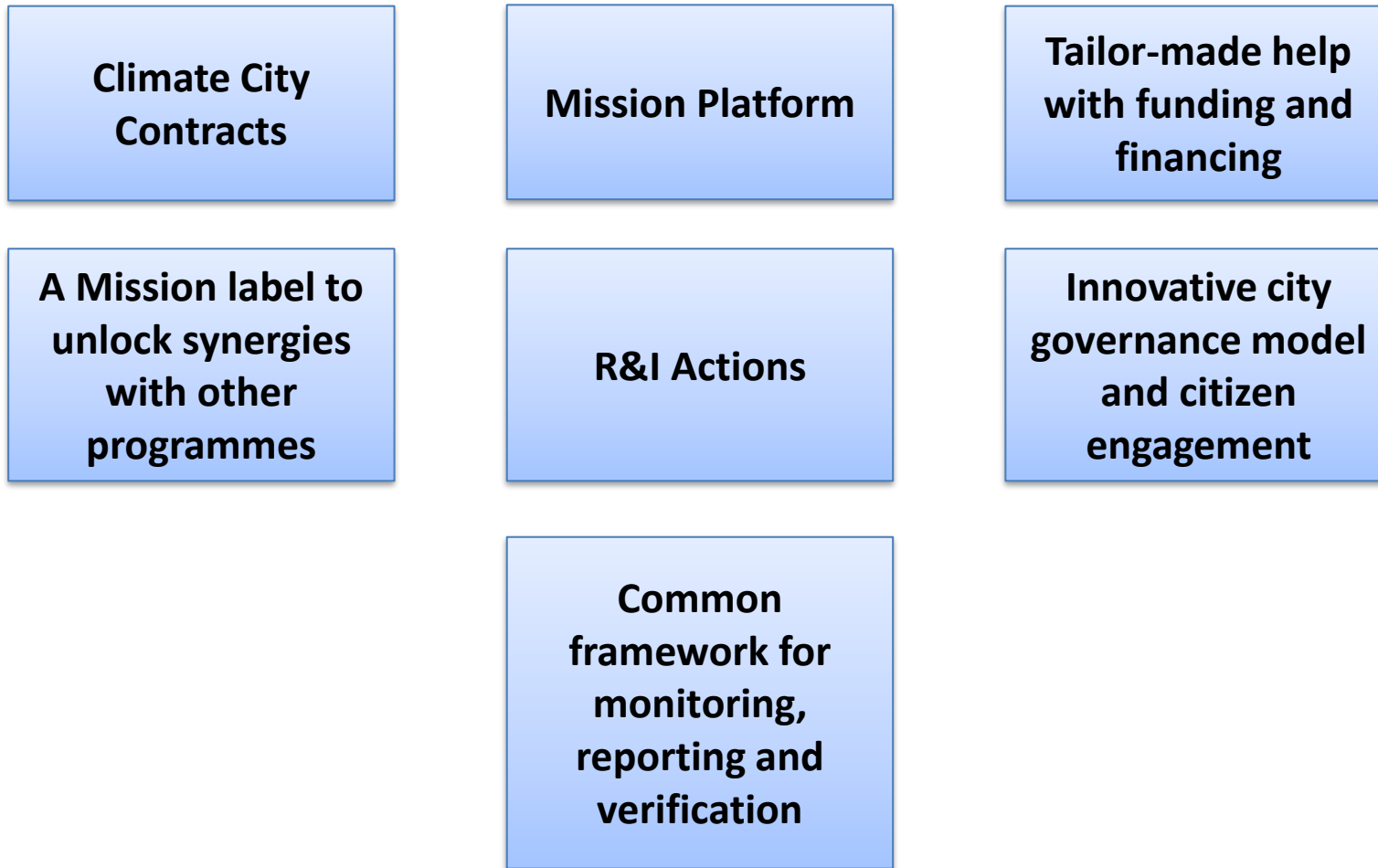


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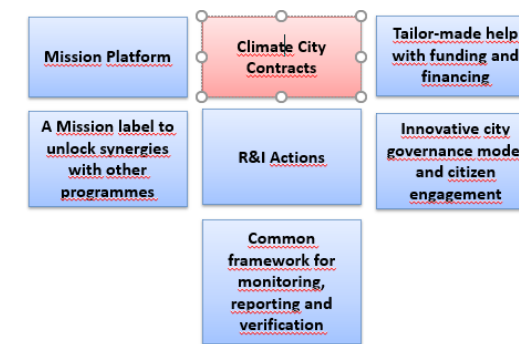
A WARM WELCOME TO ALL MISSION CITIES FROM THE WHOLE MISSION TEAM!



Main elements of the Cities Mission

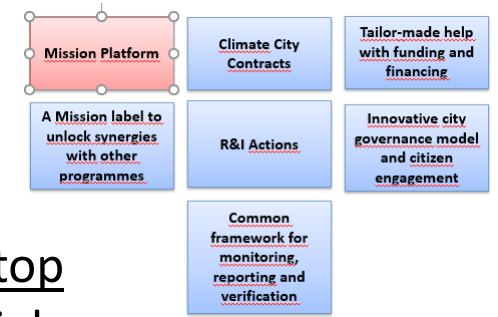


Climate City Contract



- ✓ 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



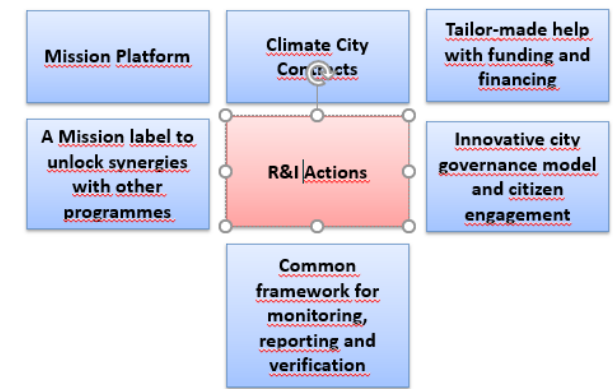
- ✓ Run by the **NetZeroCities** consortium who start work **1.10.2021**. Develop a one-stop shop platform to help cities implement their climate action plans and related social innovation action plans providing the necessary technical, regulatory, financial and socio-economic expertise and assistance.
- ✓ 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

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

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***

Importance of National Networks

- National support for cities – both for those selected for the Mission and those that are not – will be crucial
- Spain, Sweden, Austria, France and Greece already have active precursor networks and clear that many other Member States are developing plans rapidly

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

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

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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Julio Dolado
Julio.dolado@cdti.es



Más información



Mantente informado a través del Portal español de Horizonte Europa:

www.horizonteeuropa.es

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EUROPE DIRECT
Navarra · Nafarroa

MISIONES Europeas: Horizonte Europa y más

Debate
Turno de preguntas



Foros Permanentes de Encuentro

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Muchas gracias por su asistencia