



UK Research Office
Brussels

Mobilise For Missions in Horizon Europe

UKRO Webinar

9 December 2021



What will be covered in this webinar?



Introduction



Missions: brief history, objectives and features



Guest Speaker: Prof. Bridget Emmett,
Soil Mission Board Member



How to apply for Missions funding



Questions and answers session

Webinar

Housekeeping



All participants will be muted for the duration of the webinar.



A chat function is available and will be monitored.



The session will be **recorded**.



Slides and recording will be available on ukro.ac.uk



Please use the Q&A function to submit questions.



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About UKRO

We support UK research intensive organisations

Unique partnership between UKRI and subscribing organisations

Part of UKRI's wider International team

Provide a service to more than 140 subscribing organisations

A Brussels-based team of advisors

UK National Contact Point for
ERC and Marie Skłodowska-Curie Actions



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UK participation in Horizon Europe

In December 2020, the negotiations on the UK-EU Trade and Cooperation Agreement were concluded

The [announcement](#) sets out the UK's intention to **associate to Horizon Europe**

This includes **full participation in the programme (incl. Missions, European Partnerships, etc.)**, with the exception of the EIC Fund

UK entities can participate in/coordinate projects and receive funding from Horizon Europe, incl. ERC grants

[European Commission's Q&A](#) confirms **UK eligibility to apply**.

UKRO [website](#) provides latest information on UK participation



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UK-EU TRADE AND COOPERATION AGREEMENT

Summary

December 2020

Funding in case of delay

“We welcome the Government’s decision to provide funding to those who have successfully applied to Horizon Europe and will be finalising the processes needed to distribute the funds in the coming weeks.

“We are also working with the Government to prepare for all possible outcomes to ensure the UK’s thriving research and innovation sector has the support it needs to continue collaborating and delivering world-class R&D.

“In the meantime we encourage researchers and innovators across the UK to continue to apply to open Horizon Europe calls.”

- UKRI International Champion Professor Christopher Smith



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Guaranteed
funding

for successful
Horizon Europe
UK applicants to
the first calls

Missions in Horizon Europe

Brief history, objectives and
how they differ from other
funding opportunities



What are EU Missions?

EU Missions are a new way to bring concrete solutions to some of our greatest challenges. They have ambitious goals and will deliver concrete results by 2030.

They will deliver impact by putting research and innovation into a new role, combined with new forms of governance and collaboration, as well as by engaging citizens.

[EC's Missions webpage](#)

[FAQ on EU Missions](#)



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Missions in Horizon Europe

“Assignment given for a portfolio of R&I actions to achieve measurable results for a given impact within a set timeframe”

There is a dedicated [Work Programme for Missions](#), with dedicated calls and budget, which sits in Pillar 2 of the overall Horizon Europe structure.



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Aimed at collaboration and EU-level activity

Impact expected within a given timeframe beyond individual topics or projects

Should be easy to communicate, to ‘capture the imagination’ and to involve the public

Co-design/co-creation with public

Open to all actors in the R&I chain providing for experimentation

Non-prescriptive calls for proposals, leading to funding for a range of different kinds of projects

Mission areas

Adaptation to
Climate Change



Cancer



Climate-neutral
and Smart Cities



Restore our
Ocean and Waters



Soil Deal
for Europe



Read more about each mission by using our dedicated [UKRO Factsheet](#).

The factsheet explains each one and provides links for further reading.

You can also download this document to share with colleagues or partners who might be interested.



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Adaptation to Climate Change

The objective is to support at least 150 European regions and communities to become climate resilient by 2030.

- Preparing and planning for climate resilience
- Accelerating transformations to climate resilience
- Demonstrating systemic transformations to climate resilience

The approach taken and objectives each Climate Adaptation Mission action must fit specific needs of the region or community in question.



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Cancer

Improve the lives of more than 3 million people by 2030 through prevention, cure and enabling longer, better survival.

- Understand cancer
- Prevent what is preventable
- Optimise diagnostics and treatment
- Support quality of life of those affected by cancer and their families
- Ensure equitable access

This Mission should address all cancers, including those that are poorly understood; those affecting men women, across different ages, social classes, living conditions and locations



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Oceans, Seas and Waters

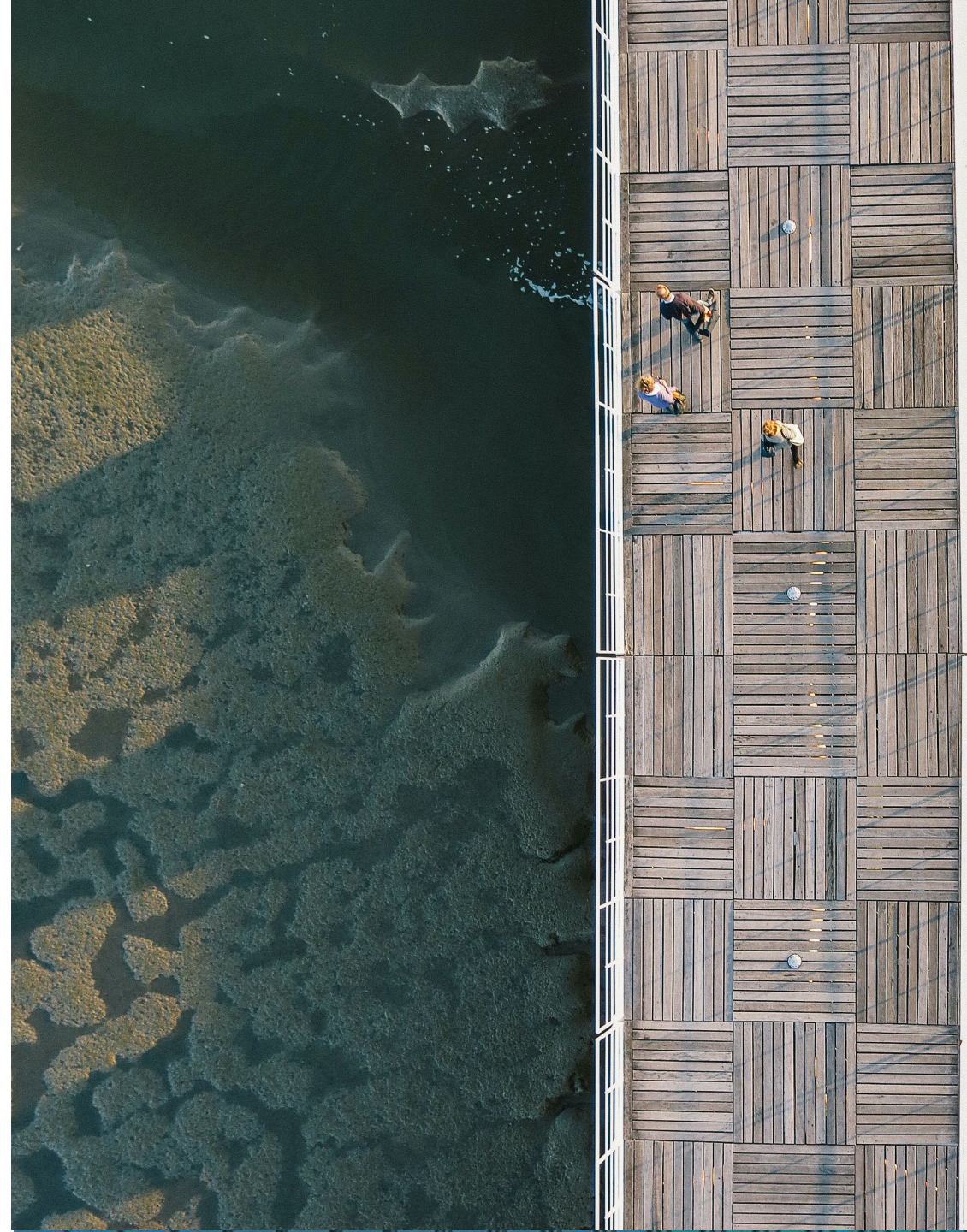
Systematically restore, protect and preserve the health of our ocean, seas and waters by 2030

- Protect and restore marine and freshwater ecosystems and biodiversity
- Prevent and eliminate pollution of our ocean, seas and waters
- Make the sustainable 'Blue Economy' carbon neutral and circular

This mission is also defined by place, or rather the body of water, be that the Atlantic or the Mediterranean, the Danube or the Humber.



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Climate Neutral and Smart Cities

Support 100 European cities to become climate neutral and smart by 2030. In return, these cities will be sites for experiments and innovation - precedents for all European cities to transform by 2050.

- Provide support to innovative approaches to integrated urban planning and design
- Large scale demonstrations clean energy districts
- Strengthen the innovation and inclusiveness of public transport and urban mobility
- Support international dimension of city transformation

All actions must foster citizen and stakeholder engagement. Any social innovation must become mainstream with user-friendly digital services



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Soil Health and Food

100 living labs and lighthouses to lead the transition towards healthy soils by 2030 for food, people, nature and climate.

- Soil literacy: awareness and societal appreciation of the vital functions of soils is increased
- Land managers, industries, consumers and society at large work together to take effective action on soil health across sectors and land uses, informed by best available science.
- Robust soil monitoring programmes and common definitions
- Success in this mission will support existing commitments in EU policy and international agreements.

Support Europe's path to sustainable soil mgmt, part of a wider green transition of rural and urban areas.



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Evaluation Novelty for Missions

‘Portfolio approach’

What might that mean?

Apart from your score,
being successful might
also depend on your
fit with other proposals
in the mission portfolio.

UKRO reported on the
[Assessment Criteria for Missions](#)

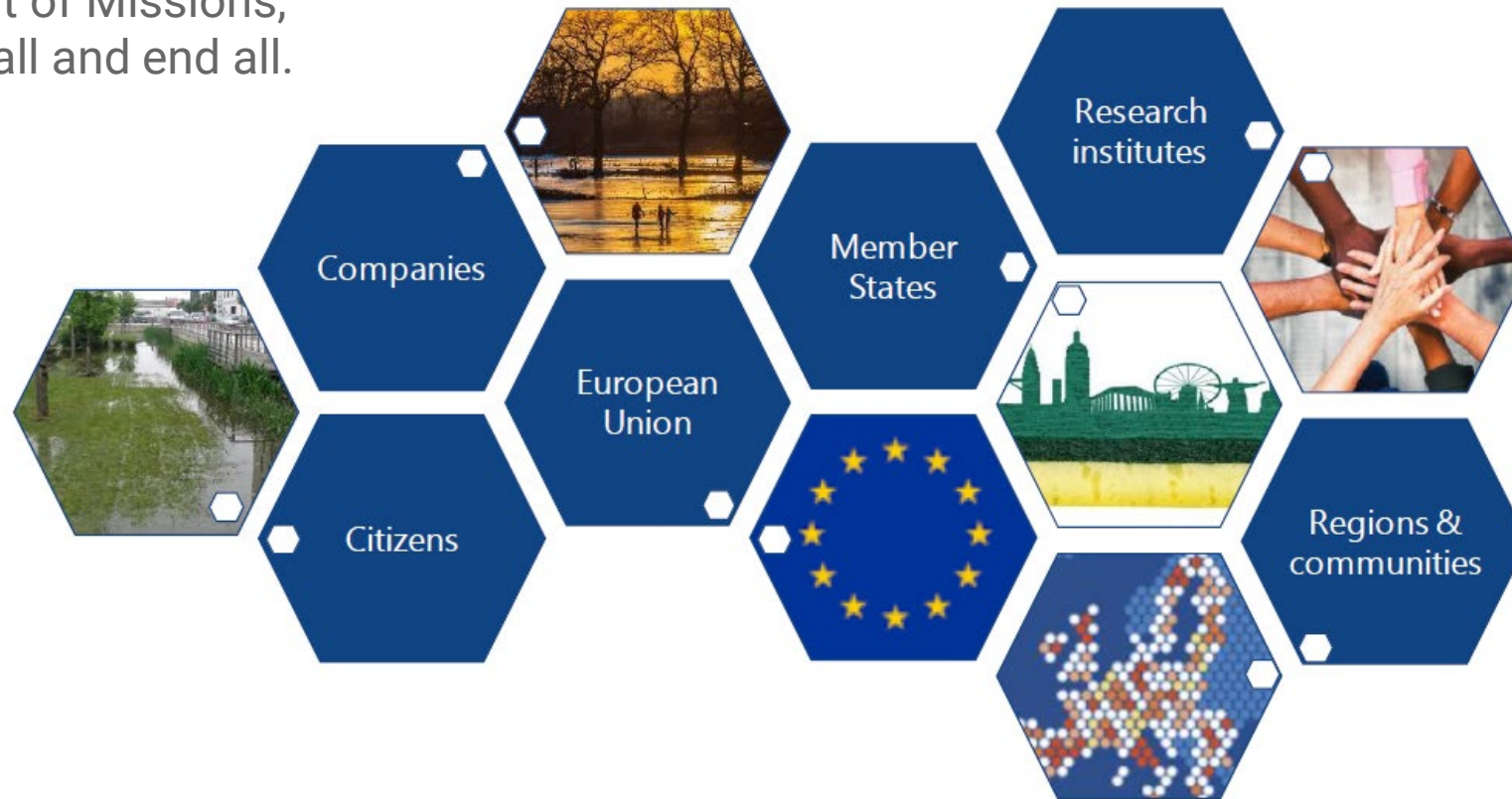


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Inclusive Approach

R&I is a big part of Missions, but not the be all and end all.



Ultimately, citizens will measure up the Missions' achievements to decide whether the targets have been reached.

EU policy areas driving the Missions

The Missions Work Programme call topics in the 2021-22 updates will cite the relevant policy linkages.

Missions are designed to help the EU meet a number of its major policy priorities and goals

Emphasis on involving citizens, to mobilise them towards ambitious, continental goals.

It intends to make the most of synergies within Horizon Europe (clusters, European Partnerships) and other EU programmes.

In the meantime, you can do some homework to prepare:

- [Missions Implementation plans](#) give a good idea of each mission's big picture
- [UKRO's Factsheets](#) about Clusters to read up about the policies.



Mission Governance

- **Mission Boards** govern the missions, in collaboration with the European Commission
 - Each Mission has a Board made up of experts in the field.
 - They are involved in running and championing their Missions.
 - Board membership will be renewed for 2022 with a recruitment call is expected soon.
- Boards have support from larger **Mission Assemblies**
- **Mission expert groups** sit under the Horizon Europe Strategic Committee configuration (Member State/Associated Country representation)



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Connie Hedegaard

Adaptation to Climate Change including Societal Transformation



Served as European Commissioner for Climate Action from 2010 to 2014, during which time she led the negotiations towards the adoption of the EU 2030 Climate and Energy Framework and represented the EU in the international climate negotiations.

[Read the biography](#)

Walter Ricciardi

Cancer



In October 2019 Professor Ricciardi replaced the originally named chair, Professor Harald zur Hausen.

[Read the biography](#)

Pascal Lamy

Healthy Oceans, Seas, Coastal and inland Waters



Former European Commissioner for Trade and Director General of the World Trade Organisation from 2005-2013.

[Read the biography](#)

Hanna Gronkiewicz-Waltz

Climate-Neutral and Smart Cities



Former chair of the Central Bank of Poland, also served as Mayor of Warsaw.

[Read the biography](#)

Cees Veerman

Soil health and Food



Dutch Minister of Agriculture from 2002 to 2007 and was also President of the EU Council of Agriculture Ministers.

[Read the biography](#)

Mission Governance (EC internal)

- Within the European Commission, the lead on each Mission is either taken **by RTD or the relevant policy Directorate General** (e.g. DG AGRI for Food and Soil)
- DGs have nominated Mission manager who coordinates with the departments concerned
- The European Commission also maintains regular dialogue with the **European Parliament (Industry and Research Committee)** on the Missions



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Matthew Baldwin

Deputy Director-General at Directorate-General for Mobility and Transport (DG MOVE)

Mission manager for the area of climate-neutral and smart cities



Patrick Child

Deputy Director-General at Directorate-General for Research and Innovation (DG RTD)

Mission manager for the area of cancer



Bernhard Friess

Director at Directorate General for Maritime Affairs Fisheries (DG MARE)

Mission manager for the area of healthy oceans, seas coastal and inland waters



Clara de la Torre

Deputy Director-General at Directorate General for Climate Action (DG CLIMA)

Mission manager for the area of adaptation to climate change including societal transformation

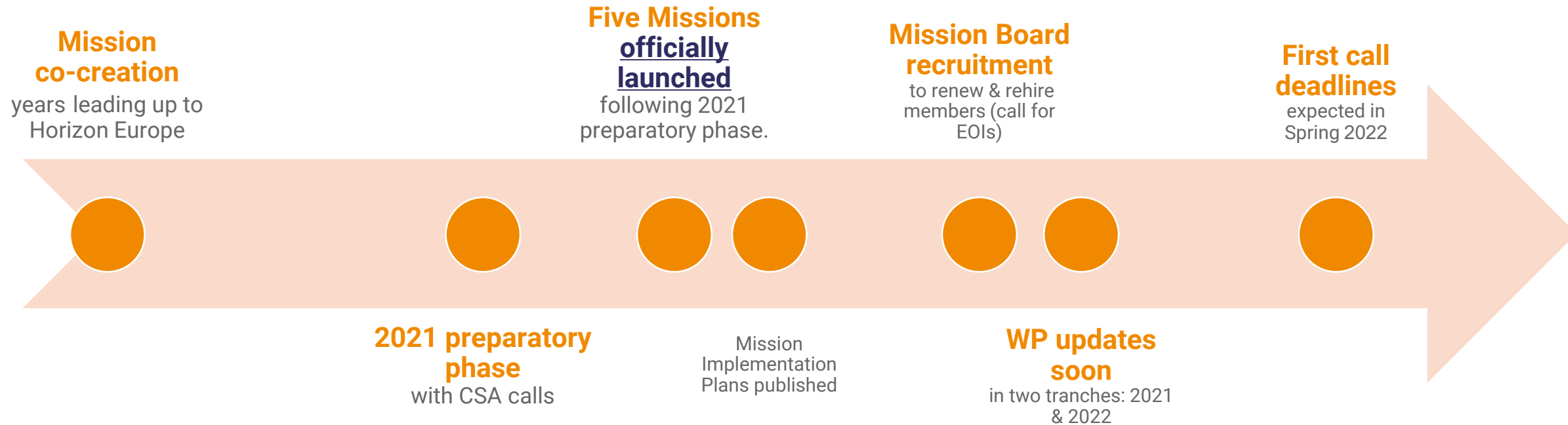


Nathalie Sauze-Vandevyver

Director at Directorate General for Agriculture and Rural Development (DG AGRI)

Mission manager for the area of soil health and food

Missions – state of play



Read back through UKRO's reporting on this progress by using the [Missions article tag](#).



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Our Guest Speaker



Prof. Bridget Emmett

Science Area Head, Soils and Land Use

Based in the UK at the [Centre for Ecology and Hydrology](#)

[EU Soil Mission Board Member](#)



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How to apply

Finding your way to
EU Missions calls



How to apply for funding?

Use the Funding and Tenders Portal!

Some of the implementation details have yet to be clarified but in many ways Mission calls will feel to other calls in Pillar 2's clusters.

Search for call IDs starting with [HORIZON-MISS](#)

Some topic calls already ran in 2021, these were for small, preparatory action (mostly CSAs)

The screenshot shows the 'Funding & tender opportunities' portal. The search bar contains 'HORIZON-MISS'. Below the search bar, there are filters for 'Match whole words only' (checked) and 'GRANTS' (checked). The 'Submission status' section shows three boxes: 'Forthcoming' (orange), 'Open for submission (1)' (green), and 'Closed (7)' (red). The 'Funding and tenders (8)' section displays a table with details for a grant titled 'Support the deployment of lighthouse demonstrators for the New European Bauhaus initiative in the context of Horizon Europe missions'. The table includes columns for Programme, ID, Types of action, Deadline model, Opening date, and Deadline date.

Programme	ID	Types of action	Deadline model	Opening date	Deadline date
Horizon Europe (HORIZON)	HORIZON-MISS-2021-NEB-01-01	HORIZON Coordination and Support Actions	single-stage	28 September 2021	25 January 2022 Brussels time

Even though the Work Programme has been delayed, don't delay your preparation!

Contact your institution's [European Liaison Officer](#) or your [European Advisor](#) to get started.

COMING SOON!
Work Programme
update for 2021

Further topics, including for RIAs and other project types.



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UKRO support, services and insights

- [Contact your ELO or European Advisor](#) for advice on proposal development, consortia building, project implementation etc.
- [News about Missions](#): Update and insights in our searchable articles
- [Factsheets](#) on Missions and related policy areas such as the [European Green Deal](#).
- [European Advisor](#) visit session on Horizon Europe Missions



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