



Monitoring of calls for proposals

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Julie Signoret

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Table of content

1 \	New funding opportunities identified in DECEMBER 2021	3
1.1 \	CEF programme	3
1.2 \	Digital Europe	6
1.3 \	Horizon Europe	6
1.4 \	Interreg	7
1.5 \	IVCDCl	7
1.6 \	World Bank	7
2 \	Funding opportunities previously identified	8

1 \ NEW FUNDING OPPORTUNITIES IDENTIFIED IN DECEMBER 2021

1.1 \ CEF programme

1.1.1 \ Energy

N/A

1.1.2 \ Transport

N/A

1.1.3 \ Digital

CEF-DIG-2021-GATEWAYS-STUDIES: Backbone connectivity for Digital Global Gateways - Studies

Deadline	22/03/2022
TRL	Study
Consortium	n/a
Budget	Budget: 10M Funding rate: 50%
Topics	Digital networks, connectivity
<p>The objective of this topic is to deploy strategic networks as part of the Digital Global Gateway Strategy of the EU, contributing to strengthening the quality of connectivity within the Union and third countries. It includes explicitly submarine cables systems, satellite infrastructures and connectivity to internet exchange points. It supports studies for the deployment of backbone connectivity for routes within the Member States, between the Member States, and between the EU and third countries</p>	
More information	Website for the call for proposals

CEF-DIG-2021-GATEWAYS-WORKS: Backbone connectivity for Digital Global Gateways - Works

Deadline	22/03/2022
TRL	Works
Consortium	n/a
Budget	Budget: 30M Funding rate: maximum 50% for the costs of studies, maximum 70% for the costs of works in outermost regions, and maximum 30% for all other costs categories
Topics	Digital networks, connectivity
<p>The objective of this topic is to deploy strategic networks as part of the Digital Global Gateway Strategy of the EU, contributing to strengthening the quality of connectivity within the Union and third countries. This topic will support the deployment of backbone connectivity for routes within the Member States, between the Member States, and between the EU and third countries, including remote territories where there is a lack of redundancy on a route and no existing or credibly planned backbone infrastructure or suboptimal services or prices.</p>	
More information	Website for the call for proposals

CEF-DIG-2021-5GCORRIDORS-STUDIES: 5G coverage along transport corridors - Studies

Deadline	22/03/2022
TRL	Study
Consortium	Collaborative project with at least 2 beneficiaries from 2 different eligible countries (member states or affiliated countries)
Budget	Budget total: 6M Budget per project: 300 000 Funding rate: 50%
Topics	5G, connectivity, transport, monitoring

This topic will fund inception studies to prepare the actual **deployment work of the first big wave of 5G deployment**. These inception studies should include detailed network planning, which should provide a basis for the deployment plan, concrete deliverables in terms of deployed infrastructure, coverage and service capabilities, utilization of existing infrastructure (fibre, power, ground space etc.), associated costs, as well as the assessment of market failure for each relevant action. The corridor that is subject to the study must **cross at least one border between two Member States**. The study should propose key parameters that will best describe the different features of the proposed 5G corridor, including the aggregate length of the corridors covered by 5G, the spectrum bands to be used along the sections, the inter-radio site distance, the availability of various service features along transport routes, as well as the available performance such as data rate and latency for each vehicle as a result of CEF Digital support.

More information [Website for the call for proposals](#)

CEF-DIG-2021-5GCORRIDORS-WORKS : 5G coverage along transport corridors - Works

Deadline	22/03/2022
TRL	Works
Consortium	Collaborative project with at least 2 beneficiaries from 2 different eligible countries (member states or affiliated countries)
Budget	Budget: 100M Budget per project: 10M to 50M Funding rate: maximum 50% for the costs of studies, maximum 70% for the costs of works in outermost regions, and maximum 30% for all other costs categories
Topics	5G, connectivity, transport, monitoring

This topic aims to support an early wave of deployment actions for **5G systems deployment along transport paths for connected and automated mobility (CAM)**, including safety and non-safety services. These may encompass roads, rail, inland waterways, and other modes of transport if appropriate. Applicants may apply for grants for works, including studies, related to project costs covering the following categories:

- Deployment of passive network elements including civil works, e.g. ducts, dark fibre, 5G radio station...
- Deployment and installation of active network elements, e.g. antennae, storage and computing capabilities such as network controllers, routers, switch, exchanges, edge MEC/node etc.
- Deployment and installation of specific trackside devices (e.g. road, rail) for connected and automated mobility use cases, such as sensors, cameras etc. for traffic monitoring purposes
- Preparatory works, including network planning.

More information [Website for the call for proposals](#)

CEF-DIG-2021-TA-5GAGENDA: 5G Strategic Deployment Agenda coordination

Deadline	22/03/2022
TRL	Coordination and Support Action
Consortium	n/a
Budget	Budget per project: 1M Funding rate: 100%
Topics	Connectivity, 5G
<p>This topic will coordinate the development of 5G Strategic Deployment Agendas in 5G for CAM, in close cooperation with the Smart Networks and Services Joint Undertaking. It should facilitate cooperation among the key stakeholders involved in 5G corridor preparation and CEF-funded deployment projects. Proposals should support the organization of stakeholder engagement activities, stimulate interest in proposal submission to CEF Digital calls, support the building of project pipelines for CEF funding, gather and develop information among projects, elaborate best practices of CEF-funded studies within 5G corridor preparation and evaluate their performance, monitor 5G corridor deployment projects.</p>	
More information	Website for the call for proposals

CEF-DIG-2021-CLOUD-OTHER-STUDIES: Interconnection of backbone networks for cloud federations with other clouds, HPC and edge infrastructures - Studies

Deadline	22/03/2022
TRL	Studies
Consortium	n/a
Budget	Budget per project: 1M Funding rate: 50%
Topics	Connectivity, 5G
<p>This topic aims to fund feasibility studies for interconnections of federated cloud infrastructure. The aim is to anticipate the technical, legal and economic requirements to establish a fully secured and highly energy-efficient European computing continuum. The studies funded under this topic should cover future investment needs and required technology for the interconnection of cloud, HPC and edge infrastructures. The priority is the identification of shortages that prevent the EU from holding digital independence while participating in the existing technological status quo.</p>	
More information	Website for the call for proposals

1.2 \ Digital Europe

See 2 \ FUNDING OPPORTUNITIES PREVIOUSLY IDENTIFIED

1.3 \ Horizon EU

HORIZON-CL3-2022-DRS-01-05: Improved impact forecasting and early warning systems supporting the rapid deployment of first responders in vulnerable areas

Deadline	23/11/2022
TRL	TRL6-8
Consortium	Collaborative project with at least 1 independent legal entity established in a Member State, and two independent legal entities established in different member states or associated countries. (including, African and South Mediterranean members). This topic requires a multidisciplinary consortium with representatives of scientific areas, practitioners, and representatives of local and regional management authorities.
Budget	Budget: 10M Budget per project: 5M Funding rate: 70%
Topics	Data, first responders, extreme events, geological disasters
<p>The aim of this topic is to design EU-wide decision-support and information systems supporting planning authorities and civil protection agencies in the rapid deployment of first responders and communication to citizens in vulnerable areas in the case of extreme climate events or geological disasters. Proposals should design a European-scale multi-hazard platform, taking into account existing developments at EU level and available space information, in order to facilitate the identification of expected natural hazards with great specificity in time and space. This platform development might be prone to international cooperation. The proposals should improve measures and technologies that are needed to better plan for extreme climate events and geological disasters, reduce risks, as well as manage the immediate consequences of natural disasters, in particular regarding emergency responses.</p>	
More information	Website for the call for proposals

HORIZON-CL6-2022-GOVERNANCE-01-11: Upscaling (real-time) sensor data for EU-wide monitoring of production and agri-environmental conditions

Deadline	10/03/2022
TRL	TRL4-5
Consortium	Collaborative project with at least 1 independent legal entity established in a Member State, and two independent legal entities established in different member states or associated countries.
Budget	Budget: 15M Budget per project: 5 to 7.5M Funding rate: 70%
Topics	Agriculture, sensor data, environment, monitoring
<p>Under this topic, proposals should</p> <ul style="list-style-type: none"> - develop innovative approaches to use in-situ data collected through sensors used in agricultural production as input to the application of data technologies. - Develop approaches to analyze the data in real time through processing at the source (edge computing) associated with analytics (including AI) in combination with e.g. earth observation data. - Develop innovative approaches to benchmark and tailor agricultural production through sensor data sharing at regional level including the development of business models. - Develop approaches to generate EU-wide data sets through the upscaling of data collected through sensor used in agricultural production (in combination with other data sets, such as satellite data). - Demonstrate how sensor-generated data can be further capitalized for the development of the agricultural sector 	
More information	Website for the call for proposals

1.4 \ Interreg

Calls will be published in 2022

1.5 \ IVCDCl

N/A

1.6 \ World Bank

N/A

2 \ FUNDING OPPORTUNITIES PREVIOUSLY IDENTIFIED

2.1 \ CEF programme

2.1.1 \ Energy

N/A

2.1.2 \ Transport

Calls for proposals opened on September the 16th.

2.1.3 \ Telecom

Not published – More information has been requested

2.2 \ Digital Europe

DIGITAL-2021-CLOUD-AI-01-PREP-SMART-COMM: Preparatory actions for the data space for smart communities

Deadline	22/02/2021
TRL	n/a
Consortium	Collaborative project with at least independent entities from 3 different eligible countries (member states or affiliated countries)
Budget	Budget per project: 1M Funding rate: CSA - 100%
Topics	Data, twin digital, green transition, green deal, local data ecosystems

The action will contribute to the definition of the technical infrastructure for data sharing across relevant domains (in particular, traffic, electricity, pollution, urban infrastructure, extreme weather events, water and waste management, etc.) in order to create cross-domain innovation and move towards the Green transition in each local context. The data space will offer data related to several critical city infrastructures such as energy supply and consumption, water management, waste management, traffic information, etc. which could then be exposed to vulnerabilities and impact EU public order.

More information	Website for the call for proposals
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Data space for smart communities (deployment)

Deadline	Q2 2022 (second call scheduled)
TRL	n/a
Consortium	Collaborative project with at least independent entities from 3 different eligible countries (member states or affiliated countries)
Budget	Indicative budget for the topic: 18M Budget per project: 18M (1 project granted) Grant for Support to Third Parties: (50% co-funding rate)
Topics	Data, cities, weather, energy, mobility, pollution

Activities in this topic will pilot and apply the principles of the data space for smart communities defined in the topic "Preparatory actions for the data space for smart communities", on a large scale and with good geographical coverage, to build EU capacity for connecting data from all relevant domains"

The action will support pilots, using data available from the data space for smart communities, which should create added value by combining data from at least two of the areas:

1. predictive traffic management/sustainable mobility planning, exploiting synergies with the data available on the mobility data space.
2. data-services related to extreme weather events to facilitate climate change adaptation, risk prevention and disaster resilience.
3. management of energy flows in a city/community specific context and in conjunction with other sectors;
4. targeting zero pollution (e.g. air, water, soil pollution or waste)

More information	n/a
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Testing and experimentation Facility for smart cities and communities

Deadline	Q2 2022 (second call scheduled)
TRL	n/a
Consortium	Collaborative project with at least independent entities from 3 different eligible countries (member states or affiliated countries)
Budget	Indicative budget for the topic: 20M Budget per project: 20M (1 project granted) Simple grant (50% of total eligible cost)
Topics	Data, testing, cities, AI, robotics, digital twin

The objective of this call is to provide a testing and experimentation facility for AI and robotics in cities and communities and make their resources accessible to EU cities, enabling to validate novel AI-driven services in close-to-real-life environments before their further massive deployment.

Expected outcomes include increased and faster integration of various AI and robotics systems in smart cities and communities, which will contribute to environmental goals such as carbon neutrality, increased robustness, security, and agility of smart community infrastructure, etc. Technological benefits will include validation in real conditions of next-generation AI-powered robotics and AI-based automation, decision-support and decision-making tools, benefitting from large-scale data access, sharing and integration, as well as increased competitiveness of European developers of AI solutions to bring their products to market.

More information	n/a
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DIGITAL-2021-CLOUD-AI-01-PREP-DS-MOB: Data space for mobility

Deadline	22/02/2022
TRL	n/a
Consortium	Collaborative project with at least independent entities from 3 different eligible countries (member states or affiliated countries)
Budget	Total budget: 8M Budget per project: 4M Funding rate: CSA - 100%
Topics	Data, mobility, data infrastructures, mobility, transport
<p>The objective of this call is to contribute to the further development of the common European Mobility data space. The specific aim is to support the creation of a technical infrastructure combined with governance mechanisms that will facilitate easy, cross-border access to key data resources in this area. The expected outcomes are:</p> <ol style="list-style-type: none"> 1. An inventory of existing platforms sharing data relevant for mobility 2. An analysis regarding gaps and overlaps of data, and identifying potential common building blocks, feeding into the Commission preparatory work establishing the mobility data space 	
More information	Website for the call of proposals

DIGITAL-2021-CLOUD-AI-01-PREP-DS-GREEN-DEAL: Preparatory actions for the Green Deal Data Space

Deadline	22/02/2022
TRL	n/a
Consortium	Collaborative project with at least independent entities from 3 different eligible countries (member states or affiliated countries)
Budget	Budget per project: 2M Funding rate: CSA - 100%
Topics	Data, environment, green deal, High Value Datasets
<p>The goal of this open call is to establish a data governance mechanism, with a detailed roadmap on how the data space should progressively develop into a pan-European Green Deal data space, by connecting EU programmes, national, regional and local data ecosystems at the EU level."</p> <p>The expected outcomes are:</p> <ol style="list-style-type: none"> 1. A sustainable data governance scheme as well as a blueprint that connects existing national, regional and local data ecosystems and enables public and private stakeholders to access relevant data 2. A priority list of datasets relevant to the European Green Deal Strategy; 3. A roadmap towards the common European Green Deal data space 	
More information	Website for the call of proposals

Public Sector Open Data for AI and Open Data Platform

Deadline	Q2 2022
TRL	n/a
Consortium	Collaborative project with at least independent entities from 3 different eligible countries (member states or affiliated countries)
Budget	Total budget: 20M Budget per project: 5-6M Funding rate: Simple grant (50% co-funding rate)
Topics	Data, AI, Open data, High Value Datasets, Data Platform, Geospatial, Earth observation and environment, pen Data Platform
<p>The objective is to increase the easy availability, quality and usability of public sector information in compliance with the requirement of the Open Data Directive</p> <p>Strand 1: Grants will support public administrations in increasing semantic, technical and legal interoperability and data portability of the High Value Datasets (HVDs) identified by the forthcoming corresponding implementing act, namely: Geospatial, Earth observation and environment, Meteorological, Statistics, Companies and company ownership, Mobility</p> <p>Strand 2: Consolidation of existing open data platforms</p>	
More information	n/a

2.3 \ Horizon EU

See Section “2 \ FUNDING OPPORTUNITIES PREVIOUSLY IDENTIFIED” below

2.3.1 \ 2022

HORIZON-EUSPA-2021-SPACE-02-51 Grant - EGNSS and Copernicus applications fostering the European Green deal

Deadline	16/02/2022
TRL	IA – Innovation Actions - Activities are expected to achieve TRL 7- 9 by the end of the project
Consortium	Collaborative project
Budget	Budget per project: 2 - 3 M€ (between 4 and 7 projects granted) Budget for the topic: 14 M€ Funding rate: 70% (except non-profit, which are still funded 100%)
Topics	EGNSS, Copernicus, Greendeal
<p>Projects can be submitted in any of the following areas. EGNSS and/or Copernicus based solutions which:</p> <ul style="list-style-type: none"> • contribute to CO2 reductions and a toxic free environment through better monitoring and preventing pollution • which support the supply of clean, affordable and secure renewable energy • limit the damage from fires, floods or other natural hazards enable or contribute to the development and impact monitoring of new sustainable mobility services and which reduce congestion, emissions and pollution • contribute to the digitization, smart monitoring and tracking of building and renovation processes • provide for food security and traceability across the entire supply chain • enhance biodiversity monitoring and enable data-driven decision tools for policymakers 	
More information	Website for the call for proposals

HORIZON-CL3-2022-DRS-01-01: Enhanced citizen preparedness in the event of a disaster or crisis-related emergency

Deadline	23/11/2022
TRL	IA – Innovation Actions
Consortium	Collaborative project
Budget	Budget per project: 5 M€ Budget for the topic: 10 M€ Funding rate: 70% (except non-profit, which are still funded 100%)
Topics	Risk disaster, emergency planning, first responder

This call aims to improve societal resilience to disasters or crises which relies on various features related to preparedness of citizens, communities, education systems, public administrations, business companies and practitioners. **This concerns ways to react and informed decisions to take in case of an event.** Individual, public and multi-level actions are needed in disaster risk management, and they have huge implications on potentially reducing losses and increasing the operational capacity of responders, along with significant impacts on the emergency planning and management phases and its relation to continuous operations and existing safety management.

More information [Website for the call for proposals](#)

HORIZON-CL3-2022-DRS-01-03: Improved quality assurance / quality control of data used in decision-making related to risk management of natural hazards, accidents and CBRN events

Deadline	23/11/2022
TRL	Innovation Actions – TRL6 – 8 at the end of the project
Consortium	Collaborative project which requires the active involvement, as beneficiaries, of at least 5 accredited measurement institutes/laboratories from at least 3 different EU Member States or Associated countries, in charge of delivering data to risk management decision-making authorities.
Budget	Budget per project: 5 M€ Budget for the topic: 10 M€ Funding rate: 70% (except non-profit, which are still funded 100%)
Topics	Data for risk, risk management, etc.

Projects' results are expected to contribute to the following outcomes:

- Evaluation of Quality Assurance / Quality Control (QA/QC) needs in areas not prone to systematic quality checks prior to decision-making in the natural hazards and CBRN-E areas, for physical, chemical and biological parameters.
- Based on past experience, **organized intercomparisons among laboratories and institutes at EU level which are in charge of providing data for risk- and evidence-based decision-making in order to evaluate the comparability of data produced worldwide.**

More information [Website for the call for proposals](#)

HORIZON-CL3-2022-DRS-01-05: Improved impact forecasting and early warning systems supporting the rapid deployment of first responders in vulnerable areas

Deadline	23/11/2022
TRL	IA – Innovation Actions - Activities are expected to achieve TRL 6-8 by the end of the project
Consortium	Collaborative project
Budget	Budget per project: 5 M€ Budget for the topic: 10 M€ Funding rate: 70% (except non-profit, which are still funded 100%)
Topics	Data, first responders, geological events
<p>This call aims to enhance risk and crisis assessment and preparedness to natural hazards. The project should rely on tools using different types of data, information and forecasts (e.g. meteorological data, physical data related to geohazards and climate projections etc.) which may enable to anticipate the occurrence of disasters. Based on the legacy of existing solutions, further developments are required to compare impact forecasting and early warning approaches at international level.</p>	
More information	Website for the call for proposals

HORIZON-CL3-2022-DRS-01-08: Enhanced situational awareness and preparedness of first responders and improved capacities to minimize time-to-react in urban areas in the case of CBRN-E-related events

Deadline	23/11/2022
TRL	IA – Innovation Actions - Activities are expected to achieve TRL 6-8 by the end of the project
Consortium	Collaborative project with the active involvement, as beneficiaries, of at least 3 first responders' organizations or agencies from at least 3 different EU Member States or Associated countries
Budget	Budget per project: 5 M€ Budget for the topic: 11 M€ Funding rate: 70% (except non-profit, which are still funded 100%)
Topics	First responders, emergency planning, security
<p>This call aims to address first responders' needs that require innovative actions resulting in technological, institutional and capacity-building solutions. These solutions should be tailored to the risks, affordable, accepted by citizens, and customized for the (cross-sectoral) needs of practitioners. Innovative solutions are required to enable first responders to get a faster overview of any disaster situation based on the knowledge of past events and prevention actions.</p> <p>International cooperation is encouraged, in particular with Japan in the framework of the EU-Japan collaboration</p>	
More information	Website for the call for proposals

HORIZON-CL3-2022-INFRA-01-01: Nature-based Solutions integrated to protect local infrastructure

Deadline	23/11/2022
TRL	RIA - Research and Innovation Actions - Activities are expected to achieve TRL 4-5 by the end of the project
Consortium	Collaborative project with the active involvement, as beneficiaries, of at least two local or regional government authorities from at least 2 different EU Member States or Associated countries
Budget	Budget per project: 5 M€ Budget for the topic: 5 M€ Funding rate: 100%
Topics	Risk management plans, infrastructure protection

The aim of the call is to expand the knowledge on Nature-based Solutions (NBS) and their ability to enhance infrastructure resilience in cities and urban areas against natural and man-made hazards. Proposals should include a strong involvement of citizens/civil society, together with academia/research, industry/SMEs and government/public authorities. In order to achieve the expected outcomes, international cooperation with countries pioneering the development of NBS is advised.

More information [Website for the call for proposals](#)

HORIZON-CL4-2022-DATA-01-01: Methods for exploiting data and knowledge for extremely precise outcomes (analysis, prediction, decision support), reducing complexity and presenting insights in understandable way

Deadline	05/04/2022
TRL	RIA - Research Innovation Action- Activities are expected to start at TRL 2-3 and achieve TRL 4-5 by the end of the project
Consortium	Collaborative project
Budget	Budget per project 8 – 12 M€ Budget for the topic: 33 M€ Funding rate: 100%
Topics	Spatial data, Pan-European data, open data, crisis management, etc.

Proposal results are expected to contribute to the following expected outcomes: **Improving automated ways for extracting meaning and providing insights from data extremely fast and/or accurately** in order to optimize decision making (ranging from crisis/emergency management to predictive maintenance) or action planning, as well as demonstrating how these improvements can have great positive impacts for society, people, economy, or the Environment.

More information [Website for the call for proposals](#)

HORIZON-CL4-2022-DATA-01-05: Extreme data mining, aggregation and analytics technologies and solutions

Deadline	05/04/2022
TRL	RIA - Research Innovation Action - Activities are expected to start at TRL 3 and achieve TRL 5 by the end of the project
Consortium	Collaborative project
Budget	Budget per project: 5 M€ Budget for the topic: 30 M€ Funding rate: 100%
Topics	Big data, AI, cloud, European data sources, Internet of things etc.

This call aims to **provide better technologies, tools and solutions for data mining** (searching and processing) of large, constantly growing amounts and varieties of data, and/or extremely sparse/dispersed/heterogeneous/multilingual data (stored centrally or in distributed/decentralized systems), in particular IoT, industrial, business, administrative, **environmental**, scientific or societal data.

The actions should address the integration of relevant technologies (**e.g. big data, AI, IoT, HPC, edge/fog/cloud computing, language technologies, cybersecurity, telecommunications, autonomous systems etc.**) as a means towards achieving the goals. The use of **European data sources (such as Copernicus, Galileo/EGNOS for satellite data)** is encouraged in the use cases, where appropriate.

More information [Website for the call for proposals](#)

HORIZON-CL4-2022-RESILIENCE-01-08: Earth observation technologies for the mining life cycle in support of EU autonomy and transition to a climate-neutral economy

Deadline	30/03/2022
TRL	RIA - Research Innovation Action - Activities are expected to achieve TRL 3-5 by the end of the project
Consortium	Collaborative project
Budget	Budget per project: 4.5 M€ Budget for the topic: 13.5 M€ Funding rate: 100%
Topics	Earth Observation data and technologies, environmental monitoring, maps and datasets

This call aims to **develop innovative new methods to analyze Earth Observation data**, enabling systematic mineral exploration and continuous monitoring of extraction, closure and post closure activities. These developments and innovations should be built upon **Copernicus satellite constellations, and/or European national and commercial satellite missions, including, e.g. COSMO-SkyMed, EnMAP, PRISMA, TerraSAR-X, airborne and low-altitude platforms**, ground based remote sensing, also including conventional in situ techniques, methods and field work measurements.

More information [Website for the call for proposals](#)

HORIZON-CL5-2022-D6-02-02: Urban logistics and planning: anticipating urban freight generation and demand including digitalization of urban freight

Deadline	06/09/2022
TRL	IA – Innovation Actions
Consortium	Collaborative project
Budget	Budget per project: 7-8 M€ Budget for the topic: 15M€ Funding rate: 70% (except non-profit, which are still funded 100%)
Topics	Real estate, Green deal, smart cities, Mobility, Transport, space management and urban planning, etc.

This call aims to consider **dynamic space re-allocation** for the integration of urban freight at local level. It also aim to consider the impacts of how urban space is being used as well as the optimal mix of space distribution and of land uses. Proposals should analyze **the potential of strategically positioned urban (or peri-urban) spaces to develop and implement a pilot demonstration**. The aim is to reduce the impact of freight transport and logistics on the urban fabric.

More information	Website for the call for proposals
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HORIZON-CL4-2022-SPACE-01-43: Copernicus Land Monitoring Service evolution

Deadline	16/02/2022
TRL	RIA - Research Innovation Action - Activities are expected to achieve TRL5-6 by the end of the project
Consortium	Collaborative project
Budget	Budget per project: 4-5 M€ Budget for the topic: 4-5 M€ Funding rate: 100%
Topics	Spatial data, land cover mapping, urban zones, environmental monitoring, satellite data, data visualization, etc.

This call aims **to develop new and innovative methods to combine and explore data with different spatial and temporal characteristics using automatic processing for land cover and land cover status change assessment**. Project results are expected to contribute to the following expected outcomes:

- Enhanced quality and efficiency of the current service to respond respectively to policy and/or user requirements and to technological developments,
- Development of efficient and reliable new products chains, calling for new paradigms in data fusion, data processing and data visualization essential for the service to handle more high-volume satellite data sets and product sets.

More information	Website for the call for proposals
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HORIZON-CL6-2022-CircBio-02-06-two-stage: Harnessing the digital revolution in the forest-based sector

Deadline	1st stage: 15/02/2022 2 nd stage: 01/09/2022
TRL	IA – Innovation Actions - Activities are expected to achieve TRL 6-7 by the end of the project
Consortium	Collaborative project
Budget	Budget per project: 6 M€ Budget for the topic: 15 M€ Funding rate: 70% (except non-profit, which are still funded 100%)
Topics	Digital strategy, environmental and forest monitoring, intelligent digital solutions
In line with the EU forest strategy and the European digital strategy, successful proposals will demonstrate the potential of digital solutions in forestry and forest-based value chains contributing to the multifunctionality and management of forests in Europe based on the three pillars of sustainability (economic, environmental and social). Proposals must implement the 'multi-actor approach' and ensure adequate involvement of the primary sector and the wider forest-based value chain. Cooperation with other selected projects under this topic is strongly encouraged.	
More information	Website for the call for proposals

HORIZON-CL6-2022-CLIMATE-01-05: Forestry - European observatory of climate change impacts and demonstration network of climate smart restoration pilots

Deadline	15/02/2022
TRL	RIA - Research Innovation Action
Consortium	Collaborative project
Budget	Budget per project: 15 M€ Budget for the topic: 15 M€ Funding rate: 100%
Topics	Green Deal, forest and environmental monitoring, emerging threats
In line with the European Green Deal objectives and the EU forest strategy, successful proposals will increase the knowledge on climate change impacts and enhance the practical knowledge on adaptive management practices contributing to efficient monitoring, assessment and projections related to climate change impacts, mitigation and adaptation potential. It will bring out solutions for tackling emerging threats and support decision-making in climate change mitigation and adaptation policies at European and global levels.	
More information	Website for the call for proposals

HORIZON-CL6-2022-GOVERNANCE-01-07: New technologies for acquiring in-situ observation datasets to address climate change effects

Deadline	15/02/2022
TRL	IA - Innovation Actions - Activities are expected to achieve TRL 6-8 by the end of the project
Consortium	Collaborative project
Budget	Budget per project: 3 M€ Budget for the topic: 20 M€ Funding rate: 70% (except non-profit, which are still funded 100%)
Topics	Health and security, Green Deal, GEOSS, environmental observation and monitoring
Through the development of new technologies, a successful proposal will contribute to addressing the lack of ground observation necessary to cope with climate change effects in hard-to-reach areas, areas facing extreme physical conditions and critical areas for human health and security. The project will contribute to the European Green Deal objectives and a strengthened Global Earth Observation System of Systems (GEOSS), by deploying and adding value to environmental observation	
More information	Website for the call for proposals

HORIZON-CL6-2022-GOVERNANCE-01-09: Environmental observations solutions contributing to meeting “One Health” challenges

Deadline	15/02/2022
TRL	RIA - Research Innovation Action
Consortium	Collaborative project
Budget	Budget per project: 5 M€ Budget for the topic: 10 M€ Funding rate: 100%
Topics	Environmental observation, health, Green Deal, early warning
The general scope of this topic is to explore areas of the One Health policy that would benefit from the use of environmental observation and how environmental observations can be used for further shaping policies in the context of e.g. human health, animal health (including zoonoses) and plant health , in line with the European Green Deal objectives. Proposals should work on the concept of alert or early warning systems based on observation that would contribute informing governments and authorities and operators, on the health risks related to the destruction of ecosystems and biodiversity.	
More information	Website for the call for proposals

HORIZON-CL3-2022-BM-01-01: Improved underwater detection and control capabilities to protect maritime areas and sea harbours

Deadline	23/11/2022
TRL	RIA - Research Innovation Action - Activities are expected to achieve TRL 4-6 by the end of the project
Consortium	Collaborative project
Budget	Budget per project: 6 M€ Budget for the topic: 6 M€ Funding rate: 100%
Topics	Security, transport, environmental monitoring, infrastructures
<p>Projects are expected to contribute to some or all of the following expected outcomes:</p> <ul style="list-style-type: none"> Improved security of maritime infrastructures and maritime transport, including sea harbours and their entrance routes, Improved detection of illicit and dangerous goods and/or of threats hidden below the water surface, either threatening infrastructures or vessels, or moving alone or connected to vessels. 	
More information	Website for the call for proposals

HORIZON-MSCA-2021-SE-01-01: MSCA Staff Exchanges

Deadline	09/03/2022
TRL	Not applicable
Consortium	Collaborative project
Budget	Lump-sum covering costs linked to the mobility of the participants as well as related research, training and networking activities.
Topics	All
<p>unds short-term international and inter-sectoral exchanges of staff members involved in research and innovation activities of participating organizations. The aim is to develop sustainable collaborative projects between different organizations from the academic and non-academic sectors (in particular SMEs), based in Europe and beyond. Exchanged staff benefit from new knowledge, skills and career development perspectives, while participating organizations increase their research and innovation capacities. This call is open to all topics.</p>	
More information	Website for the call for proposals

2.4 \ Interreg

Calls will be published in 2022

2.5 \ IVCDCl

N/A

2.6 \ World Bank

N/A