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## **Monitoring of calls for proposals**

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November 2021

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## 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 \ Telecom

Not published

### 1.2 \ 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	<a href="#">Website for the call for proposals</a>

### 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"> <li>1. An inventory of existing platforms sharing data relevant for mobility</li> <li>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</li> </ol>	
More information	<a href="#">Website for the call of proposals</a>

### 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"> <li>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</li> <li>2. A priority list of datasets relevant to the European Green Deal Strategy;</li> <li>3. A roadmap towards the common European Green Deal data space</li> </ol>	
More information	<a href="#">Website for the call of proposals</a>

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, Open 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

### 1.3 \ Horizon EU

### 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 16<sup>th</sup>.

#### CEF-T-2021-SIMOBGEN-ITS-WORKS: Smart applications for transport - ITS – general envelope

Deadline	19/01/2022
TRL	n/a
Consortium	Collaborative project
Budget	EUR. 400 000 000 available for CEG-T-2021-SIMOBGEN Actual cost grant: Maximum 50% for the costs of studies, 70% for the costs of works, maximum 50% for all other costs categories
Topics	Data infrastructure, online services, transport
<p>The general objective is to modernize transport infrastructure on the Core and Comprehensive Networks of the Trans-European Transport Network. Activities <b>include works (or studies), with the possibility to include studies</b> to support Intelligent Transport Services for the road:</p> <ul style="list-style-type: none"> <li>• Actions related to the deployment or upgrade of intelligent transportation system (ITS) infrastructure and services</li> <li>• Actions related to deployment of cooperative ITS (C-ITS) services</li> </ul> <p>(4-5 years for works+ studies, only 2-3 years for only studies)</p>	
More information	<a href="#">Website for the call for proposals</a>

#### CEF 2 Transport - Actions related to smart and interoperable mobility – General envelope (CEF-T-2021-SIMOBGEN)

Deadline	19/01/2022
TRL	TRL 7 to 8
Consortium	Collaborative project
Budget	Max 15M€ Actual cost grant: Maximum 70% for the costs of works, maximum 50% for all other costs categories
Topics	Satellite-based innovation, GNSS, transport

The expected outcomes are to ensure sustainable air traffic growth. It is necessary to speed up the modernization of the air infrastructure to offer more capability and capacity, making it more resilient to future traffic demand and adaptable through more flexible air traffic management procedures. Among R&I activities:

- **Satellite-based innovation for green trajectories:** this activity will demonstrate the environmental benefits of introducing direct-controller pilot-communication (DCPC) via VHF voice in combination with satellite-based ADS-B, satellite-based VHFvoice and potentially satellite-based VDL2
- **Green approaches through GNSS** as primary navigation means with reversion scenario in operational Environment: this activity will demonstrate the environmental benefits brought by the advanced use of GNSS in the approach phase of flight

More information	<a href="#">Website for the call for proposals</a>
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CEF 2 Transport - Actions related to smart and interoperable mobility – General envelope (CEF-T-2021-SIMOBGEN)	
Deadline	19/01/2022
TRL	n/a
Consortium	Collaborative project
Budget	EUR. 400 000 000 available for CEF-T-2021-SIMOBGEN Actual cost grant: Maximum 50% for the costs of studies, 70% for the costs of works, maximum 50% for all other costs categories
Topics	Data access, Data visualisation, Interoperable data, transport
<p>The general objective is to modernize transport infrastructure on the Core and Comprehensive Networks of the TEN-T. Work or studies to support the creation, collection, management, sharing and dissemination of accurate and up-to-date transport, traffic and travel data for all modes, particularly enabling interoperability and through digitization of processes. For example, actions related to increased availability of data for transport safety, urban vehicle access regulations, collaborative logistics and multimodal travel to make them available to relevant public and/or private stakeholders</p>	
More information	<a href="#">Website for the call for proposals</a>

### 2.1.3 \ Telecom

Not published – More information has been requested



## 2.2 \ Horizon EU

See Section “2 \ FUNDING OPPORTUNITIES PREVIOUSLY IDENTIFIED” below

### 2.2.1 \ 2021

#### HORIZON-CL3-2021-BM-01-01: Enhanced security and management of borders, maritime Environment, activities and transport, by increased surveillance capability, including high altitude, long endurance aerial support

Deadline	23/11/2021
TRL	IA – Innovation Actions - Activities are expected to achieve TRL 7-8 by the end of the project
Consortium	Collaborative project
Budget	Budget per project: 7 M€ Budget for the topic: 20 M€ Funding rate: 70% (except non-profit, which are still funded 100%)
Topics	Tracking capabilities, surveillance of border and maritime environment, rescue needs
<p>This call aims to:</p> <ul style="list-style-type: none"> <li>• Increase <b>surveillance capability</b> compared to the state of the art, including longer endurance, better reliability, lower maintenance requirements, longer permanence and wider coverage;</li> <li>• Improve performance and/or safety, including better detection, classification and tracking capabilities, cyber and physical security, better cost-efficiency, better autonomy, lower visual and acoustic signatures;</li> <li>• <b>Improve multi-tasking capabilities to respond to a variety of needs and situations in the surveillance of border and maritime Environment</b>, including enhanced multi-authority collaboration.</li> </ul>	
More information	<a href="#">Website for the call for proposals</a>

#### HORIZON-CL3-2021-DRS-01-03: Enhanced assessment of disaster risks, adaptive capabilities and scenario building based on available historical data and projections

Deadline	23/11/2021
TRL	RIA - Research Innovation Action
Consortium	Collaborative project
Budget	Budget per project: 5 M€ Budget for the topic: 5 M€ Funding rate: 100%
Topics	Geological data, disaster risk, data access, artificial intelligence
<p>This call is targeting <b>enhanced assessment of disaster risks</b>, adaptive capabilities and scenario building on available historical data and projections. Projects results are expected to contribute to some of the following outcomes:</p> <ul style="list-style-type: none"> <li>• Innovative exposure and vulnerability analysis methods,</li> <li>• Maximizing usability through a service-oriented approach,</li> <li>• <b>Enhanced exploitation of monitoring data and satellite/remote sensing information as well as artificial intelligence to improve high-level assessment from international to local levels.</b></li> </ul>	
More information	<a href="#">Website for the call for proposals</a>

## HORIZON-CL4-2021-DIGITAL-EMERGING-01-09: AI, Data and Robotics for the Green Deal (AI, Data and Robotics Partnership)

Deadline	21/10/2021
TRL	IA – Innovation Actions - Activities are expected to start at TRL 3-5 and achieve TRL 6-7 by the end of the project
Consortium	Collaborative project
Budget	Budget per project: 3 – 5 M€ Budget for the topic: 27 M€ Funding rate: 70% (except non-profit, which are still funded 100%)
Topics	Green Deal, AI, data and robotics solutions, etc.
Proposals are expected to integrate and optimize <b>AI, data and robotics solutions in order to demonstrate, by addressing use-cases scenarios in actual or highly realistic operating environments</b> , how they can directly contribute to the Green Deal. The proposed methodology should be supported by industry or service relevant KPIs, making the case for the added value of such technologies, and demonstrating scalability, and deployment potential.	
More information	<a href="#">Website for the call for proposals</a>

## 2.2.2 \ 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, Greendead
<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"> <li>• contribute to CO2 reductions and a toxic free environment through better monitoring and preventing pollution</li> <li>• which support the supply of clean, affordable and secure renewable energy</li> <li>• 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</li> <li>• contribute to the digitisation, smart monitoring and tracking of building and renovation processes</li> <li>• provide for food security and traceability across the entire supply chain</li> <li>• enhance biodiversity monitoring and enable data-driven decision tools for policymakers</li> </ul>	
More information	<a href="#">Website for the call for proposals</a>

### 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
<p>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. <b>This concerns ways to react and informed decisions to take in case of an event.</b> 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.</p>	
More information	<a href="#">Website for the call for proposals</a>

### 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 <b>5 accredited measurement institutes/laboratories from at least 3 different EU Member States</b> 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.
<p>Projects' results are expected to contribute to the following outcomes:</p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• Based on past experience, <b>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.</b></li> </ul>	
More information	<a href="#">Website for the call for proposals</a>

### 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 <b>enhance risk and crisis assessment and preparedness to natural hazards</b>. The project should <b>rely on tools using different types of data, information and forecasts (e.g. meteorological data, physical data related to geohazards and climate projections etc.)</b> 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	<a href="#">Website for the call for proposals</a>

### 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 <b>at least 3 first responders' organizations or agencies from at least 3 different EU Member States or Associated countries</b>
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 <b>first responders' needs</b> 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. <b>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.</b></p> <p>International cooperation is encouraged, in particular with Japan in the framework of the <b>EU-Japan collaboration</b></p>	
More information	<a href="#">Website for the call for proposals</a>

### 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 <b>at least two local or regional government authorities from at least 2 different EU Member States or Associated countries</b>
Budget	Budget per project: 5 M€ Budget for the topic: 5 M€ Funding rate: 100%
Topics	Risk management plans, infrastructure protection
<p>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.</p>	
More information	<a href="#">Website for the call for proposals</a>

### 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.
<p>Proposal results are expected to contribute to the following expected outcomes: <b>Improving automated ways for extracting meaning and providing insights from data extremely fast and/or accurately</b> 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.</p>	
More information	<a href="#">Website for the call for proposals</a>

### 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.
<p>This call aims to <b>provide better technologies, tools and solutions for data mining</b> (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, <b>environmental</b>, scientific or societal data.</p> <p>The actions should address the integration of relevant technologies (<b>e.g. big data, AI, IoT, HPC, edge/fog/cloud computing, language technologies, cybersecurity, telecommunications, autonomous systems etc.</b>) as a means towards achieving the goals. The use of <b>European data sources (such as Copernicus, Galileo/EGNOS for satellite data)</b> is encouraged in the use cases, where appropriate.</p>	
More information	<a href="#">Website for the call for proposals</a>

### 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
<p>This call aims to <b>develop innovative new methods to analyze Earth Observation data</b>, enabling systematic mineral exploration and continuous monitoring of extraction, closure and post closure activities. These developments and innovations should be built upon <b>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</b>, ground based remote sensing, also including conventional in situ techniques, methods and field work measurements.</p>	
More information	<a href="#">Website for the call for proposals</a>

### HORIZON-CL5-2021-D3-02-11: Reinforcing digitalization related know how of local energy ecosystems

Deadline	05/01/2022
TRL	CSA – Coordination and Support Actions - n/a TRL
Consortium	Collaborative project
Budget	Budget per project: 4M€ Budget for the topic: 4M€ Funding rate: 100%
Topics	Energy data, capacity building, digital technologies, Artificial Intelligence, Internet of Things, big data, etc.
<p>This call <b>encourages the creation/reinforcement of local digitalization-of-energy ecosystems</b>. It will support a competence cluster for <b>digital energy concepts affecting to operators, consumers/prosumers, and authorities, which enable them being autonomous to react to local energy transition needs</b>.</p>	
More information	<a href="#">Website for the call for proposals</a>

### HORIZON-CL5-2021-D3-02-14: Support to the activities of the European Geological Services

Deadline	05/01/2022
TRL	CSA - Coordination and Support Actions - n/a TRL
Consortium	Collaborative project
Budget	Budget per project: 20M€ Budget for the topic: 20M€ Funding rate: 100%
Topics	Geological Service, geological data, data access, etc.
<p>The growing demand for energy, raw materials and water is a key challenge for Europe, requiring a more integrated, efficient and sustainable use of these resources. Until now there is no <b>complete and harmonized data at European level on mineral resources and reserves</b>. This topic calls for concerted action to structurally address this challenge at European level, which is <b>expected to ultimately lead to a Geological Service for Europe as a point of entry into a permanent collaborative network of National Geological Survey organizations</b>.</p>	
More information	<a href="#">Website for the call for proposals</a>

### 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.
<p>This call aims to consider <b>dynamic space re-allocation</b> 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 <b>the potential of strategically positioned urban (or peri-urban) spaces to develop and implement a pilot demonstration</b>. The aim is to reduce the impact of freight transport and logistics on the urban fabric.</p>	
More information	<a href="#">Website for the call for proposals</a>



### 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.
<p>This call aims <b>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</b>. Project results are expected to contribute to the following expected outcomes:</p> <ul style="list-style-type: none"> <li>Enhanced quality and efficiency of the current service to respond respectively to policy and/or user requirements and to technological developments,</li> <li>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.</li> </ul>	
More information	<a href="#">Website for the call for proposals</a>

### HORIZON-CL6-2022-CircBio-02-06-two-stage: Harnessing the digital revolution in the forest-based sector

Deadline	1st stage: 15/02/2022 2nd 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
<p>In line with the EU forest strategy and the <b>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</b> 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.</p>	
More information	<a href="#">Website for the call for proposals</a>

## 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 <b>bring out solutions for tackling emerging threats and support decision-making in climate change mitigation and adaptation</b> policies at European and global levels.	
More information	<a href="#">Website for the call for proposals</a>

## 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 <b>contribute to addressing the lack of ground observation necessary to cope with climate change effects</b> 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	<a href="#">Website for the call for proposals</a>

## 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
<p>The general scope of this topic is to <b>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</b>, in line with the European Green Deal objectives. Proposals should work on <b>the concept of alert or early warning systems based on observation</b> that would contribute informing governments and authorities and operators, on the health risks related to the destruction of ecosystems and biodiversity.</p>	
More information	<a href="#">Website for the call for proposals</a>

## 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"> <li>Improved security of maritime infrastructures and maritime transport, including sea harbours and their entrance routes,</li> <li>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.</li> </ul>	
More information	<a href="#">Website for the call for proposals</a>

### 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	<a href="#">Website for the call for proposals</a>

#### 2.3 \ Interreg

Calls will be published in 2022

#### 2.4 \ IVCDCl

N/A

#### 2.5 \ World Bank

N/A



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