

#EUSpace



Public Sector as Galileo and/or Copernicus User

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A new EU Space Programme

EU space activities **under one umbrella**



EGNOS

EGNOS “Makes navigation signals more accurate and trustable for Safety-critical applications”
Operational in **400+ airports** & helipads in 23 countries



Galileo

Global satellite navigation and positioning system (GNSS)
More than 3 billion Galileo receivers worldwide



Copernicus

Earth Observation (EO) and monitoring based on satellite & non-space data
Nr.1 world provider of space data and information (>20TB/day)



GOVSATCOM

Secure satellite communications for EU governmental actors
Rapid support over crisis areas



Space Situational Awareness (SSA)

Space Surveillance and Tracking (SST)
Space Weather Events (SWE)
Near-Earth Objects (NEO)



Others

Access to Space
Research & Innovation
Entrepreneurship
Certification & standardisation
Capacity Building

One integrated market & user-driven approach

Market & User Knowledge



Extended **Market and technology** monitoring and forecasting

Extended and synergic **User Consultation Platform**

Better understanding the **MS needs** and adding Copernicus Other Users satisfaction survey

Demand Support



A common **market segments** approach for all EU space downstream

Extended key account with **main players** of the value chain

Offer Creation



Creation of new **“made in Europe”** applications, products and services.

Large implementation of end-to-end solutions leveraging synergies.

Supporting entrepreneurship, SME and start-ups

EUSPA's 2nd Horizon Europe call

Deadline
02 March 2023

Type of Action	Topic	Indicative budget (EUR mln)
IA	EGNSS applications for Smart mobility	9.5
PCP	Public sector as Galileo and/or Copernicus user	5.2
IA	Copernicus downstream applications and the European Data Economy	9.6
RIA	Large-scale Copernicus data uptake with AI and HPC	9.6
RIA	Designing space-based downstream applications with international partners	5,1
RIA	GOVSATCOM Service developments and demonstrations	9,1
TOTAL budget:		48,1

Innovation Action (IA)

Research & Innovation Action (RIA)

Pre-Commercial Procurement Action (PCP)

Activities to produce plans and arrangements or **designs for new**, altered or improved products, processes or services.

Activities to **establish new knowledge** or to **explore the feasibility** of a new or improved technology, product, process, service or solution.

Activities that aim to help a buyers' group to strengthen the public procurement of research, development, validation and, possibly, the first deployment of new solutions

Things we hear from public entities

- *“I don’t have neither **time nor money** for R&D”*
- *“Innovation is good but I want **solutions that work**”*
- *“I procure things that work and I can **trust**”*
- *“I don’t trust **innovative solutions**”*





5,2
Mio
EUR

Deadline
02 March 2023

Pre-Commercial
Procurement

Photo: European Union

The funding opportunity:

PUBLIC SECTOR AS GALILEO AND/OR COPERNICUS USER

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- Demand-driven innovation by **public authorities** aiming at development and adoption of Galileo/Copernicus downstream applications which meet their needs.

Choice of market segment/ application left to the proposer, **examples include EGNSS and/or Copernicus for:**

- **Monitoring of infrastructure** (rail, road, critical infrastructure),
- **Crisis emergency management, including related to extreme events**
- **Civil security applications** and border management,
- **Mobility as a service**, cooperative ITS, public transport, **smart cities** and air quality monitoring and forecasting,
- **Coastal area** monitoring and modelling etc.

Aim: Foster exploitation of space applications to match needs of public authorities at national, regional or local levels

Proposals should

- focus on clearly identified needs
- demonstrate sustainable solution beyond lifespan of the project

Requested solutions should be validated through field-testing in at least two European countries.



Potential PCP ideas for European Regions



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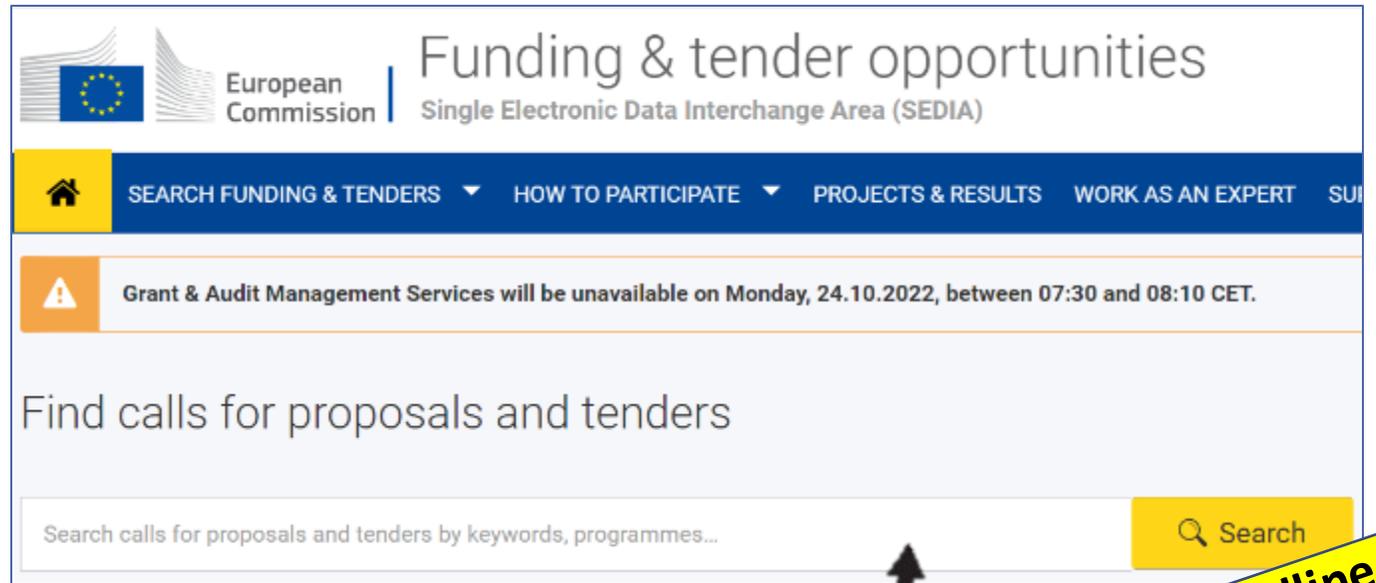
- Improving **waste management systems** with EU Space data
- Safeguard communities from **geohazards and extreme weather events**
- **Safeguard cities** with better management of Wildland-Urban Interfaces (WUI)
- Managing better **critical infrastructures** of regions
- **Mobility** for remote European regions (e.g. drone operations to islands and/or mountainous regions)
- Support local communities with more efficient **irrigation management systems**
- **Coastal protection** monitoring systems

More ideas: <https://www.nereus-regions.eu/copernicus4regions/user-stories-sheets/>

Stay connected

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home>

The EUSPA PCP
topic



- PUBLIC SECTOR AS GALILEO AND/OR COPERNICUS USER

**Deadline
02 March 2023**

More info: research@euspa.europa.eu

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Linking space to user needs

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