

EUSPA funding opportunities

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A new EU Agency for the Space Programme



European Union Agency for the Space Programme (EUSPA)



The user-oriented operational Agency of the EU Space Programme, contributing to sustainable growth, security and safety of the EU



More than 250 people from 22 nationalities

Headquartered in Prague, Czech Republic Offices in France, The Netherlands, Spain

Exploitation Manager



Management, operation, maintenance, improvement, evolution, and protection of infrastructure

Continuous provision of services

Gatekeeper of security









Security accreditation of all programme components

Operational security of Galileo and **EGNOS**

Operation of the Galileo Security **Monitoring Centre**

Market and innovation









User and market uptake **Applications Innovation** Promotion



A new EU Space Programme

EU space activities under one umbrella



EGNOS

EGNOS "Makes navigation signals more accurate and trustable for Safetycritical 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 & nonspace 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

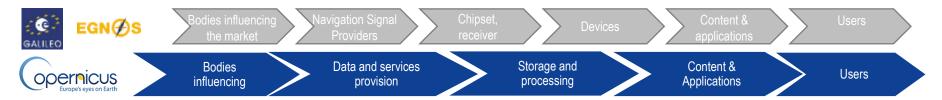
Access to Space
Research &
Innovation
Entrepreneurship
Certification &

standardisation
Capacity Building

integrated market segmentation

All EU Space Program components with an integrated market/user driven approach





GOVSATCOM

Market & User Knowledge



Extended **Market and technology** monitoring and forecasting

Extended and synergic User Consultation Platform

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" products and services.

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

Supporting entrepreneurship, SME and start-sups



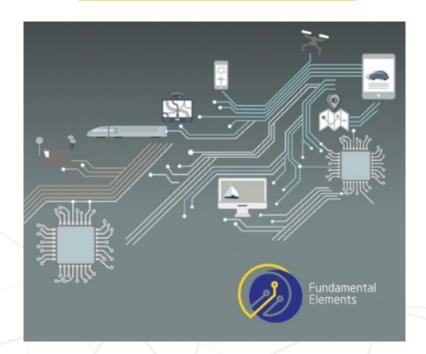


Extended Research & Innovation as integrated strategic tool for the uptake

Horizon Europe



User Technology



Entrepreneurship support







- Horizon Europe
- Fundamental Elements
- Cassini





Indicative Type of **Topic** budget Action (EUR mln) EGNSS - Transition towards a green, smart and more IA 3.5 secure post-pandemic society EGNSS - Closing the gaps in mature, regulated and long IA lead markets Copernicus-based applications for businesses and policy-**RIA** making Designing space-based downstream applications with RIA international partners IA **EU GOVSATCOM for a safer and more secure EU** 10 34,5 **Total budget:**

Deadline: 14 February 2024

Innovation action (IA)

Research and innovation action (RIA) 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.



HORIZON-EUSPA-2023-SPACE-01-46 Designing space-based downstream applications with international partners



TRL 3-4

- Use of EGNSS and sharing of expertise with public and/or private entities to introduce EU-space based solutions
- The use of Copernicus data, to develop jointly algorithms, services and/or products
- The combined use of EGNSS and Copernicus to develop innovative downstream applications
- Create business-oriented partnerships between European industry and international partners

- Exploit integration of EO data with positioning data and ICT (e.g. cloud computing) from international partner countries
- Proposals dealing with EGNSS are encouraged to involve relevant organisations on the European side (e.g. EASA, ESSP, EMSA)
- Participation of a partner from a country that has signed a Copernicus
 Cooperation Arrangement is required for Copernicus-based applications

Legal entities established in countries that have signed an administrative cooperation arrangement on Copernicus data access and Earth observation data exchange are exceptionally eligible for Union funding: United States, Australia, Ukraine, Chile, Colombia, Serbia, African Union member states, India and Brazil

The information presented is only indicative, for the full description of the call please see the Funding & Tenders portal.



HORIZON-EUSPA-2023-SPACE-01-46 DESIGNING SPACE-BASED DOWNSTREAM # APPLICATIONS WITH INTERNATIONAL PARTNERS



Specific Conditions			
Expected EU contribution per project	EU contribution between EUR 0,80 and 1.00 million		
Indicative budget	The total indicative budget: EUR 6,0 million.		
Type of Action	Research and Innovation Actions		
Eligibility conditions	The conditions are described in General Annex B. The following exceptions apply: Due to the scope of this topic, legal entities established in countries that have signed an administrative cooperation arrangements on Copernicus data access and Earth observation data exchange are exceptionally eligible for Union funding. Currently, these countries are: the United States, Australia, Ukraine, Chile, Colombia, Serbia, African Union, India and Brazil. Discussions towards similar cooperation have been started with other countries and regions		
	(including United Nations Agencies and Asia-Pacific countries).		
Technology Readiness Level	Activities are expected to achieve TRL3-4 by the end of the project – see General Annex B.		



International Cooperation in the area of Data Exchange

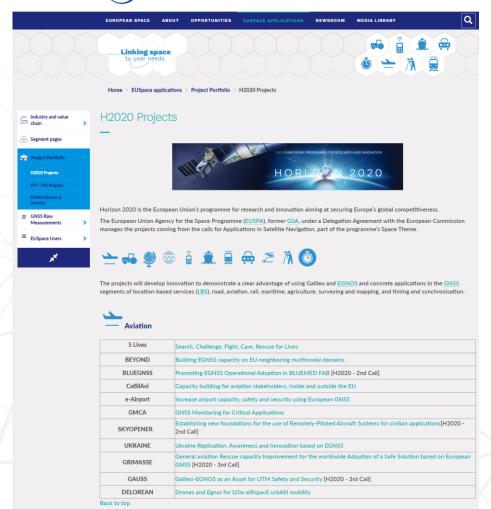
 The European Commission and the Canadian Space Agency (CSA) signed a Copernicus Arrangement on 16 May 2022.





EUSPA website – portfolio of projects





Search Projects						
-	_					
Search the EUSpace project portfolio						
Keyword search						
F	Partners					
	- Any -					
Project type		Country				
- Any -			- Any -			
Project calls		M	arket application			
	- Any -		Choose some options			
	- Any - H2020 5th call					
П	H2020 EGNSS Mission & Services					
П	H2020 - Galileo 4th Call H2020 - Galileo 3rd Call					
	H2020 - Galileo 2nd Call H2020 - Galileo 1st Call					
S	FP7 3rd Call					
3	FP7 2nd Call FP7 1st Call					
	FP6 3rd Call					
Y	FP6 2nd Call FP6 1st Call					
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- Horizon Europe
- Fundamental Elements
- •Cassini



Fundamental Elements 2 continues the successful work of FE1

New development of receivers, antennas and enabling users technology:



Continue to be driven by user needs and oriented for a commercial use:

- Priorities on specific segments driven by market needs, consultation with Users, with MS, with Industry/Academia
- Clear-cut from prototype receiver developments needed to leverage new services



Operational implementation of current differentiators:

- E.g. OSNMA and HAS, multi frequency
- **+**

Prepare for commercial implementation of **new differentiators**:

• Early Warning Service, CAS, ARAIM, ...



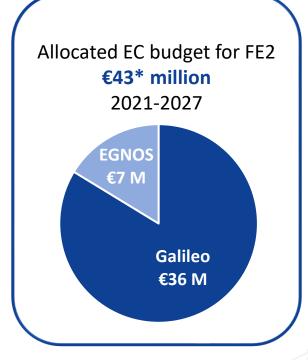
Develop emerging, disruptive technologies:

• E.g. leveraging Machine Learning and Artificial Intelligence



Explore synergies with other space systems on user technology:

• E.g. Copernicus, SatCom

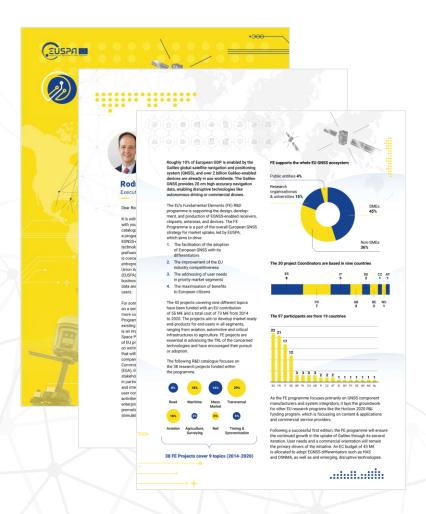


* Indicative budget

The new R&I catalogue







The FE R&I Catalogue is available online!

- Portfolio-level statistics
- Scope and objectives of the 43 FE R&I projects
- Beneficiaries and key facts





- Horizon Europe
- Fundamental Elements
- Cassini



CASSINI Space Entrepreneurship Initiative





Cassini 2021-2027 overview

THE ROAD TO NEW SPACE

- Clear vision for European space businesses and markets
- New industry setup
- New entrants
- New private investment
- New markets
- New solutions

PROMOTION

CASSINI Hackathons & Mentoring

INNOVATION COMPETITIONS

CASSINI Prizes

BUSINESS GROWTH

CASSINI Business Accelerator

MATCHMAKING

CASSINI Matchmaking with Investors
CASSINI Industrial Partnering

INVESTMENT

CASSINI Seed and Growth Funding Facility (InvestEU)

Making space businesses investment-ready

Connecting with VC funds and commercial partners

ncreasing number of Venture Capital funds with focus on space

Incentivising new ideas

Developing disruptive technologies

cassini.eu



Are Now Open

Prize Pool of €1 Million

Commercialising space technology with CASSINI Challenges



New innovation competition to encourage EU space entrepreneurship and business development



Development of innovative solutions, products or services based on Galileo, Copernicus and their synergies with other technologies

Three tracks from ideation to product development to commercialization

Sustainable Future Challenge



Emerging Technologies
Challenge



Next Generation Challenge



cassinichallenges.eu

We are looking for: *Thinkers. Challengers. Doers. Creators. Builders. Innovators.*





Linking space to user needs

Get in touch with us

www.euspa.europa.eu











The European Union Agency for the Space Programme is hiring!

Apply today and help shape the future of #EUSpace!