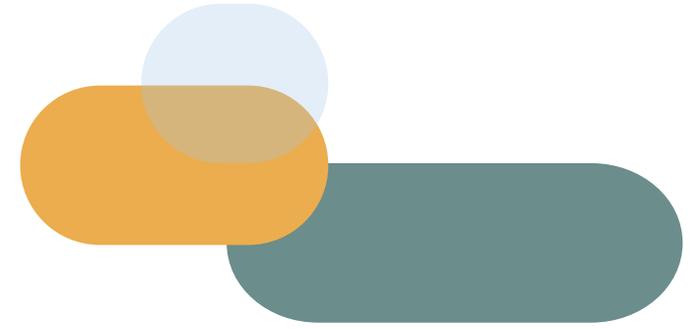


Opening Remarks



Iulia
Simion

**Project Adviser Space Research Unit
at the European Health and Digital
Executive Agency (HaDEA)**



HaDEA's portfolio of R&D projects related to Copernicus Security and Emergency services evolution

Iulia Simion
Project Adviser Space Research
Unit at HaDEA

CENTAUR Final Workshop
Brussels, 25 February 2026

EU Space (research) landscape

**HORIZON
EUROPE
Framework
Programme for
Research and
Innovation**

**HORIZON
EUROPE Space
Research**



HaDEA



GOVSATCOM

STM
SST

COPERNICUS

**EU Space
Programme**

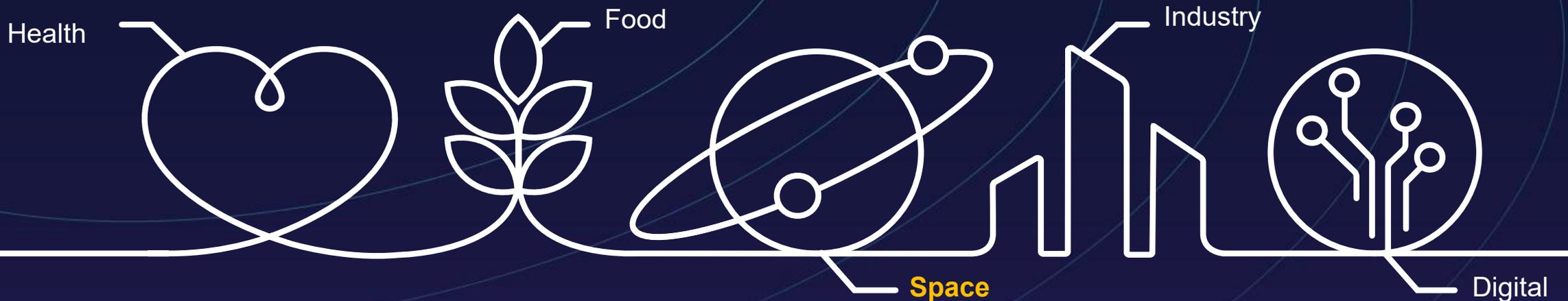
EGNOS
GALILEO



Who is HaDEA?

Our agency

The **European Health and Digital Executive Agency (HaDEA)** implements European programmes and initiatives on behalf of the European Commission, by managing projects that are related to health, digital, food, industry and **space**.



Our funding programmes



Health

EU4Health
Horizon Europe – Health



Food

Single Market Programme (SMP):
Food Safety



Digital

Horizon Europe – Digital
Connecting Europe Facility – Digital
Digital Europe Programme



Industry

Horizon Europe – Industry



Space

Horizon Europe – Space

HaDEA.B4 Space Research

- Management of the **Space Research** element of the Framework Programme **Horizon Europe**
- Management of the **Legacy Projects** of the **Space Research** element of the Framework Programme **Horizon 2020** (currently about 150 ongoing projects)
- **Policy Feedback and Support**
To the Parent Directorate-General DEFIS

HaDEA Space Research programme and project Management

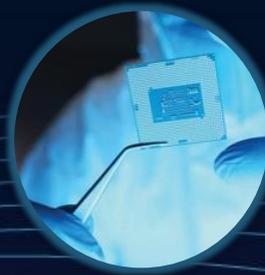
- Call and proposal evaluation management
- Grant agreement preparation
- Payment of pre-financing
- Project monitoring – interim and ad hoc reviews and reports, regular and ad hoc exchanges with consortia, technical reviews
- Amendments: extensions, replacements of beneficiaries, modifications of work programme...
- Interim payments
- Project closure: final review and payment
- Communication of the projects' achievements / success stories, publications
- Networking between projects and with potential partners, cluster events ...

EU SPACE RESEARCH

POWERING INNOVATION AND COMPETITIVENESS IN EUROPE'S SPACE ECOSYSTEM



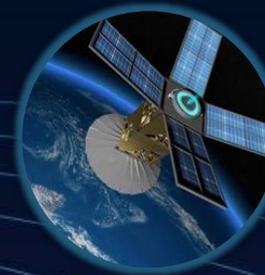
ACCESS TO SPACE & SPACE TRANSPORTATION



CRITICAL SPACE TECHNOLOGIES



FUTURE SPACE TECHNOLOGIES



IN-SPACE ELECTRIC PROPULSION



IN-SPACE OPERATIONS & SERVICES (ISOS)



COPERNICUS SERVICES EVOLUTION



EARTH OBSERVATION TECHNOLOGIES



QUANTUM SPACE GRAVIMETRY



SATCOM & QUANTUM KEY DISTRIBUTION



SPACE SURVEILLANCE & TRACKING (EU SST)



DISCOVER THE LATEST FUNDING OPPORTUNITIES AND JOIN THE EU SPACE RESEARCH COMMUNITY



SPACE EDUCATION & COOPERATION



SPACE SCIENCE & EXPLORATION TECHNOLOGIES



SPACE WEATHER & SCIENTIFIC DATA EXPLOITATION

EARTH OBSERVATION TECHNOLOGIES



SPACE WEATHER & SCIENTIFIC DATA EXPLOITATION



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FUTURE SPACE TECHNOLOGIES

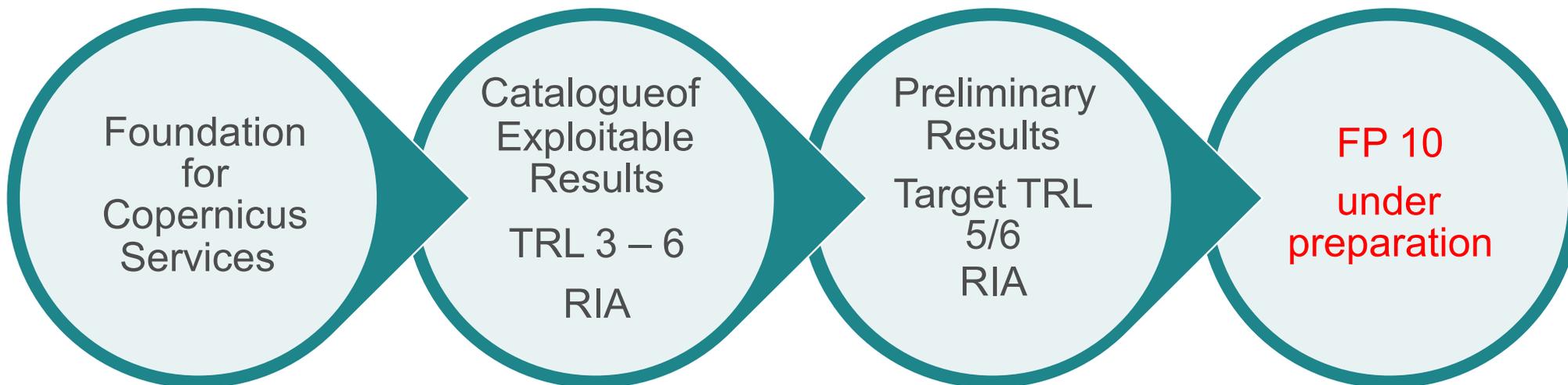


EU SST



3 EU FP in a nutshell





Establishment

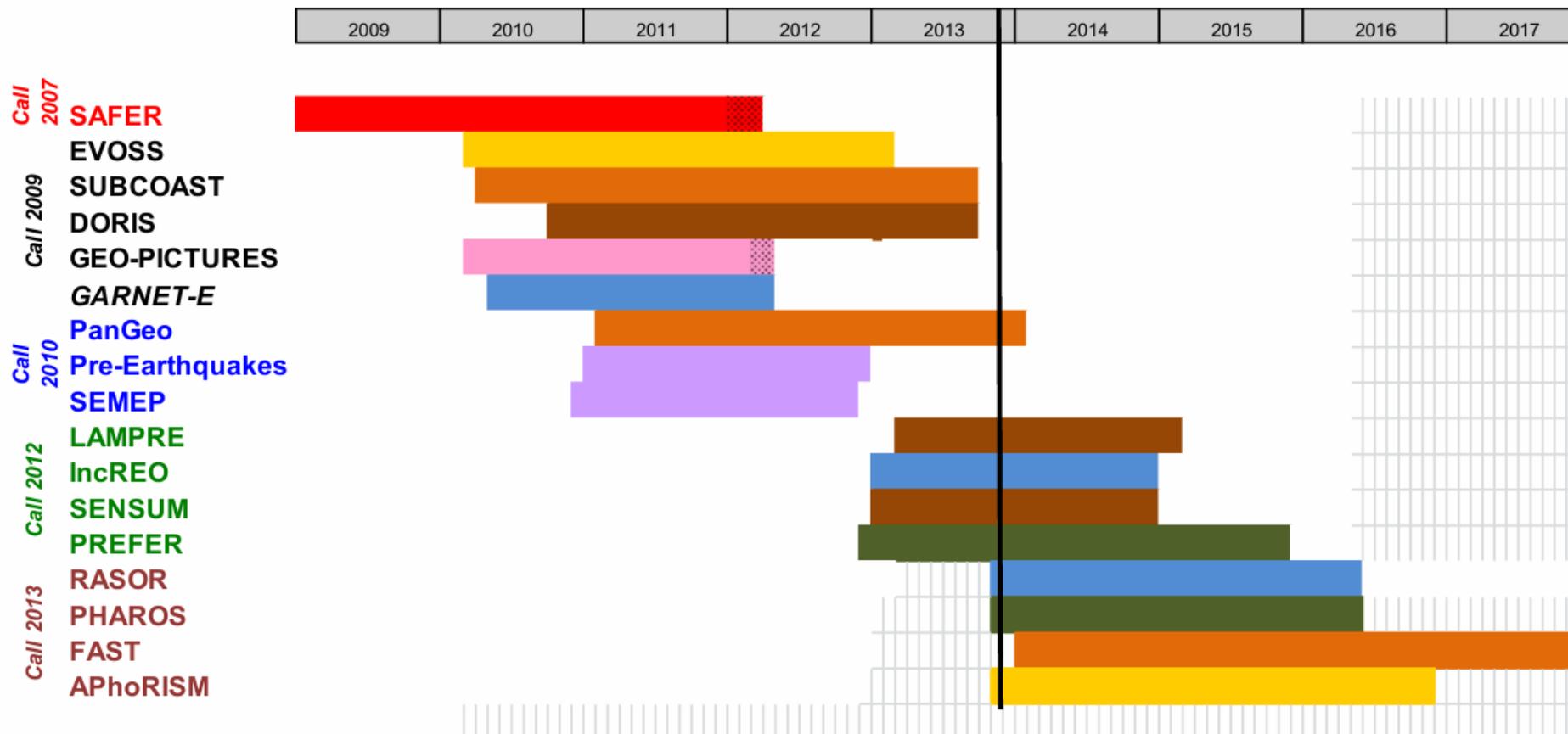


Next generation

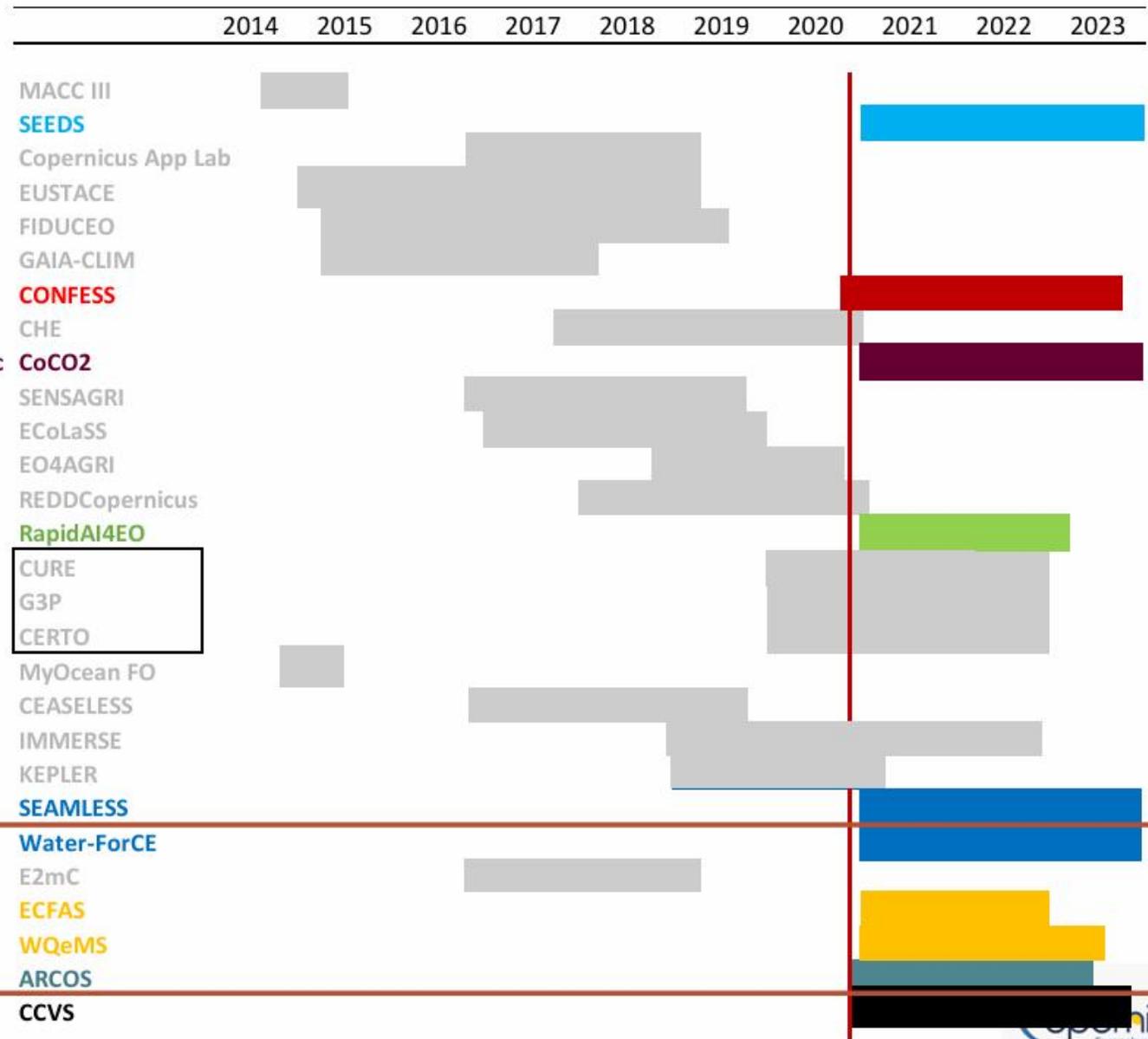




Security and Emergency related projects in FP7, H2020 and HE



H2020 service evolution projects 2014-2019



Horizon Europe

- **HORIZON-CL4-2021-SPACE-01-43: Copernicus Security and Emergency Services evolution**
 -  Copernicus ENhanced Tools for Anticipative response to climate change in the emergency and secURity domain
- **HORIZON-CL4-2021-SPACE-01-44: Copernicus evolution for cross-services thematic domains**
 -  Arctic Cross-Copernicus forecast products for sea Ice and iceBERGs
 -  Sustainable Development Goals – Enhanced monitoring through the famiLY of copErnicus Services
- **HORIZON-CL4-2022-SPACE-01 – no calls for Copernicus Emergency and Security Service**
- **HORIZON-CL4-2023-SPACE-01-32 - Copernicus for Emergency Management**
 -  Sustainable Development Goals - Enhanced monitoring through the family of copErnicus Services
- **HORIZON-CL4-2024-SPACE-01-36: Copernicus for Security**
 -  Security enhancement through heterogeneous data fusion and improved AI/ML powered Copernicus maritime and border surveillance services
 -  Enhancing Copernicus Security services - EU governmental crisis management hub for forced population displacement
- **HORIZON-CL4-2025-SPACE-01 – no calls for Copernicus Emergency and Security Services**

Copernicus Services Evolution

HaDEA portfolio overview

HORIZON 2020

HORIZON EUROPE
HORIZON-CL4-2021-2022-SPACE

HORIZON EUROPE
HORIZON-CL4-2023-SPACE

HORIZON EUROPE
HORIZON-CL4-2024-SPACE

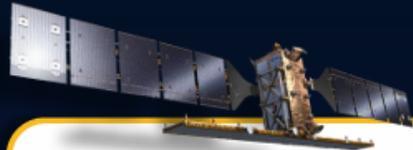
Category	HORIZON 2020	HORIZON EUROPE HORIZON-CL4-2021-2022-SPACE	HORIZON EUROPE HORIZON-CL4-2023-SPACE	HORIZON EUROPE HORIZON-CL4-2024-SPACE
Atmosphere				
CO2MVS				
Climate Change				
Marine	 			
Land	  			
Security				 
Emergency	 			
Cross-cutting	  	 		

An Intelligent Platform for Integrating Climate Services - TERRA

Projects timeline

	Acronym	Title	2022	2023	2024	2025	2026	2027	2028
SECURITY	AI4COPSEC	Security Enhancement Through Heterogeneous Data Fusion & Improved AI/ML-powered Copernicus Maritime & Border Surveillance Services							
	THEIA	Enhancing CSS - EU Governmental Crisis Management Hub For Forced Population Displacement							
EMERGENCY	CENTAUR	Copernicus Enhanced Tools For Anticipative Response To Climate Change In The Emergency And Security Domain							
	SEED-FD	Strengthening Extreme Events Detection for Flood and Drought							
CROSS-CUTTING	ACCIBERG	Arctic Cross-Copernicus Forecast Products for Sea Ice and Icebergs							
	SDGs-EYES	Sustainable Development Goals - Enhanced Monitoring Through the Family of Copernicus Services							

Horizon Europe - EU Space Research Call 2026



HORIZON-CL4-2026-SPACE-03-11: Reinforcing EU autonomous access to space through EU-based spaceports (IA)

Total budget: EUR 22.59 million **Projects expected to be funded:** 2

HORIZON-CL4-2026-SPACE-03-32: Preparing demonstration missions for EO and Satellite telecommunication for Space solutions (Space Partnership) (IA)

Total budget: EUR 26.00 million **Projects expected to be funded:** 4

HORIZON-CL4-2026-SPACE-03-81: Space critical EEE components for EU non-dependence - Radiation Hard FPGA on 7nm (RIA)

Total budget: EUR 12.74 million **Projects expected to be funded:** 1

HORIZON-CL4-2026-SPACE-03-85: Critical Facilities Serving Space EEE components for EU non-dependence – High and Very High Energy Irradiation Test Facility Market Deployment (IA)

Total budget: EUR 3.92 million **Projects expected to be funded:** 1

HORIZON-CL4-2026-SPACE-03-31: Digital enablers and building-blocks for EO and Satellite telecommunication for Space solutions (Space Partnership) (RIA)

Total budget: EUR 12.00 million **Projects expected to be funded:** 3

HORIZON-CL4-2026-SPACE-03-61: Scientific analysis and exploitation of space data (RIA)

Total budget: EUR 3.92 million **Projects expected to be funded:** 2

HORIZON-CL4-2026-SPACE-03-82: Space critical EEE components for EU non-dependence - GaN MMICs mm-Wave Foundations (Phase A): Semi-insulating SiC Substrate Capabilities (RIA)

Total budget: EUR 6.86 million **Projects expected to be funded:** 1

HORIZON-CL4-2026-SPACE-03-86: Space critical Equipment for EU non-dependence – Space Refuelling Interface (RIA)

Total budget: EUR 2.94 million **Projects expected to be funded:** 1



Call opening
10 March 2026

Call deadline
3 September 2026

Overall call budget
EUR 90.97 million

Consult F&T Portal and Horizon Europe Work Programme 2026-2027 – Cluster 4 Digital, Industry & Space for details

In-person registration is closed

Artificial Intelligence and Earth Observation: from Innovation to Services

When: 9-10 March 2026

Where: Brussels & online



Destination Earth #EUSpace

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IN-SPACE OPERATIONS AND SERVICES (ISOS)

An overview of EU-funded R&I projects supporting the development of ISOS capabilities

#EUSpaceResearch
#HorizonEU



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EU space
ecosystem

Research and
Innovation

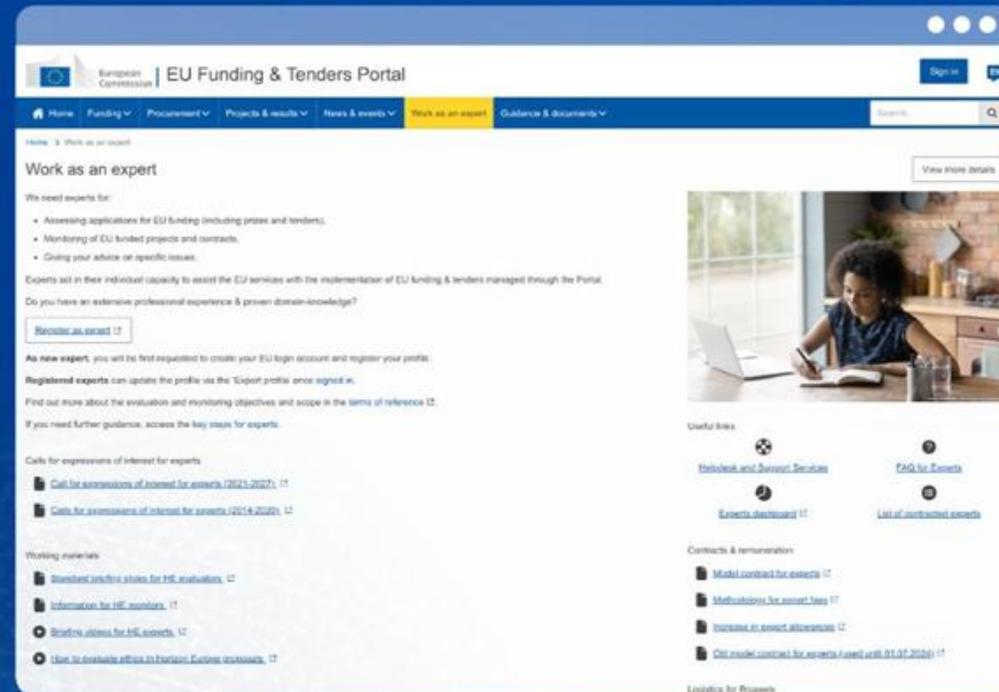


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We are looking for **EXPERTS!**

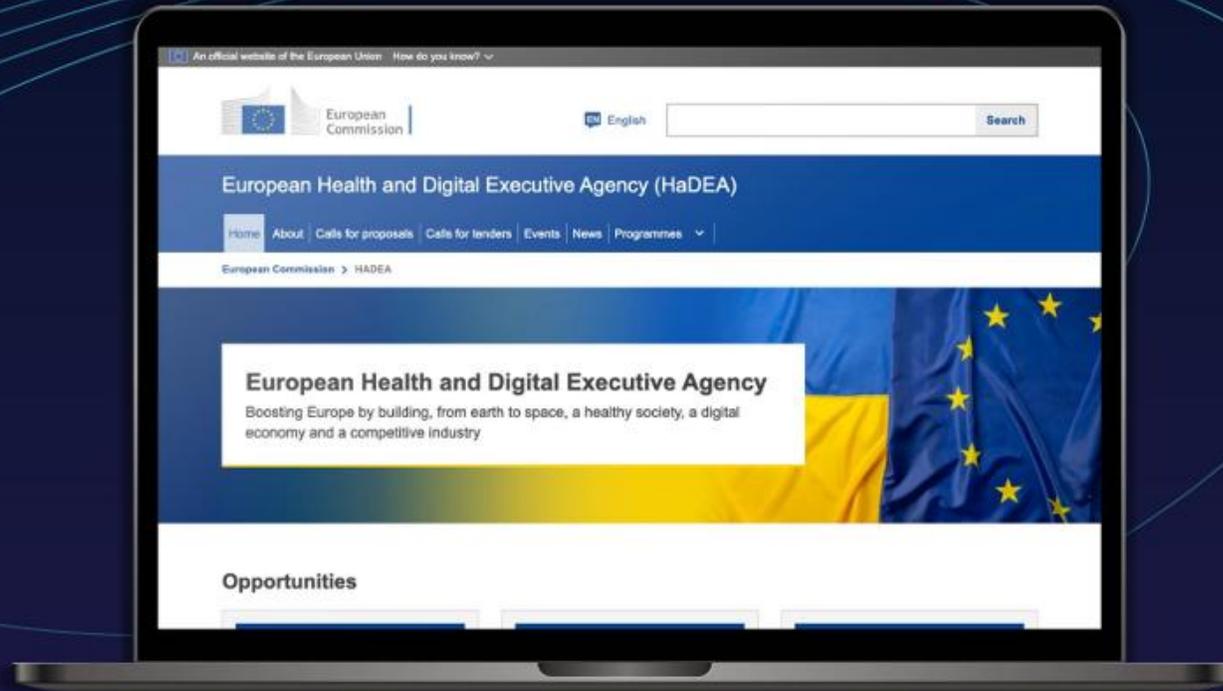
Horizon Europe 'Space'



Register on the Funding and Tenders Portal to join the Commission's network of experts to evaluate project proposals for EU funding

EU funding opportunities

Find open calls on the HaDEA website



Apply for grants

Funding & tender opportunities
Single Electronic Data Interchange Area (SEDIA)

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