

Horizon Europe

Framework programme for research and innovation 2021–2027

Cluster 4 - Industry

Who are we?



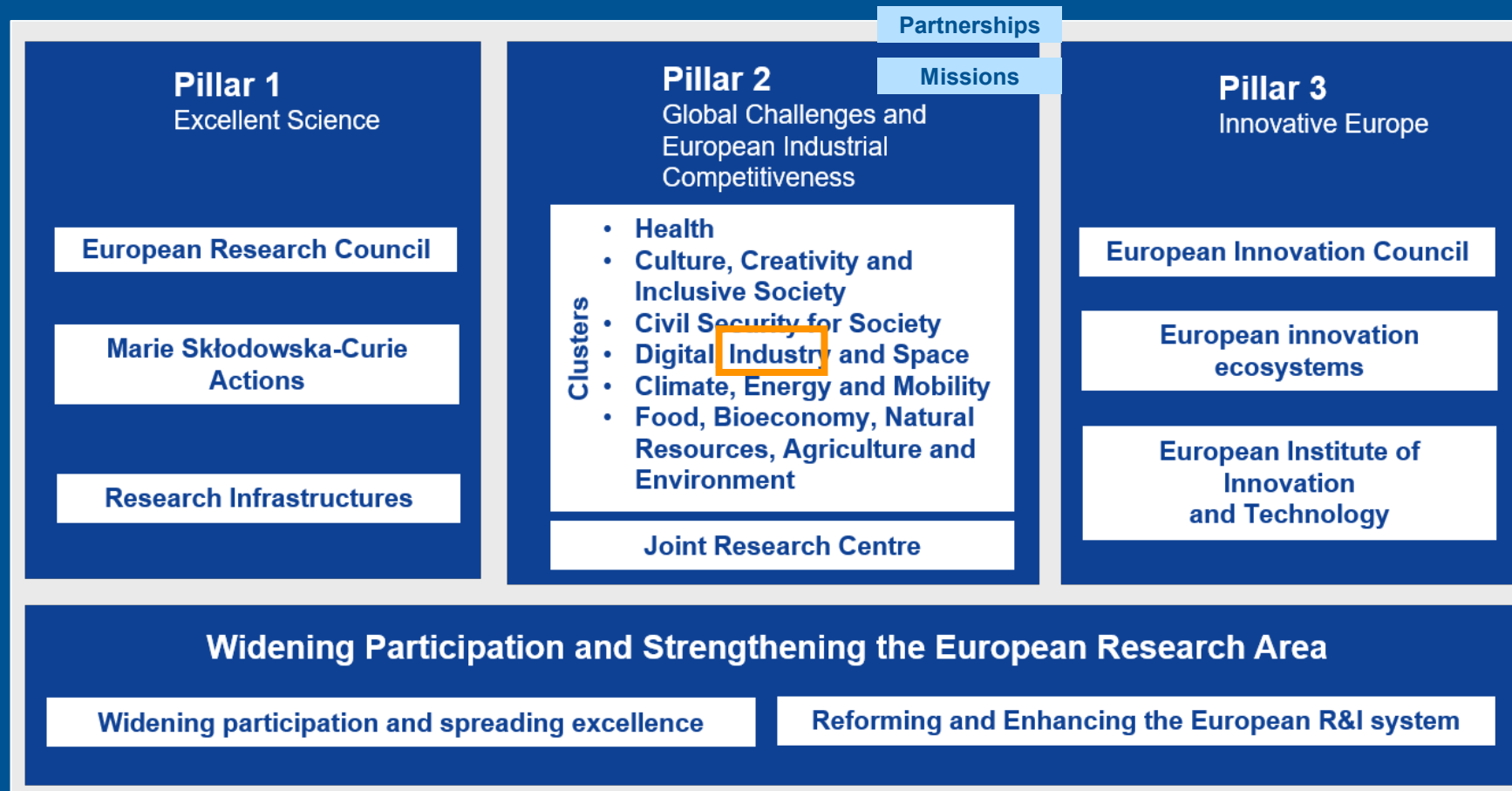
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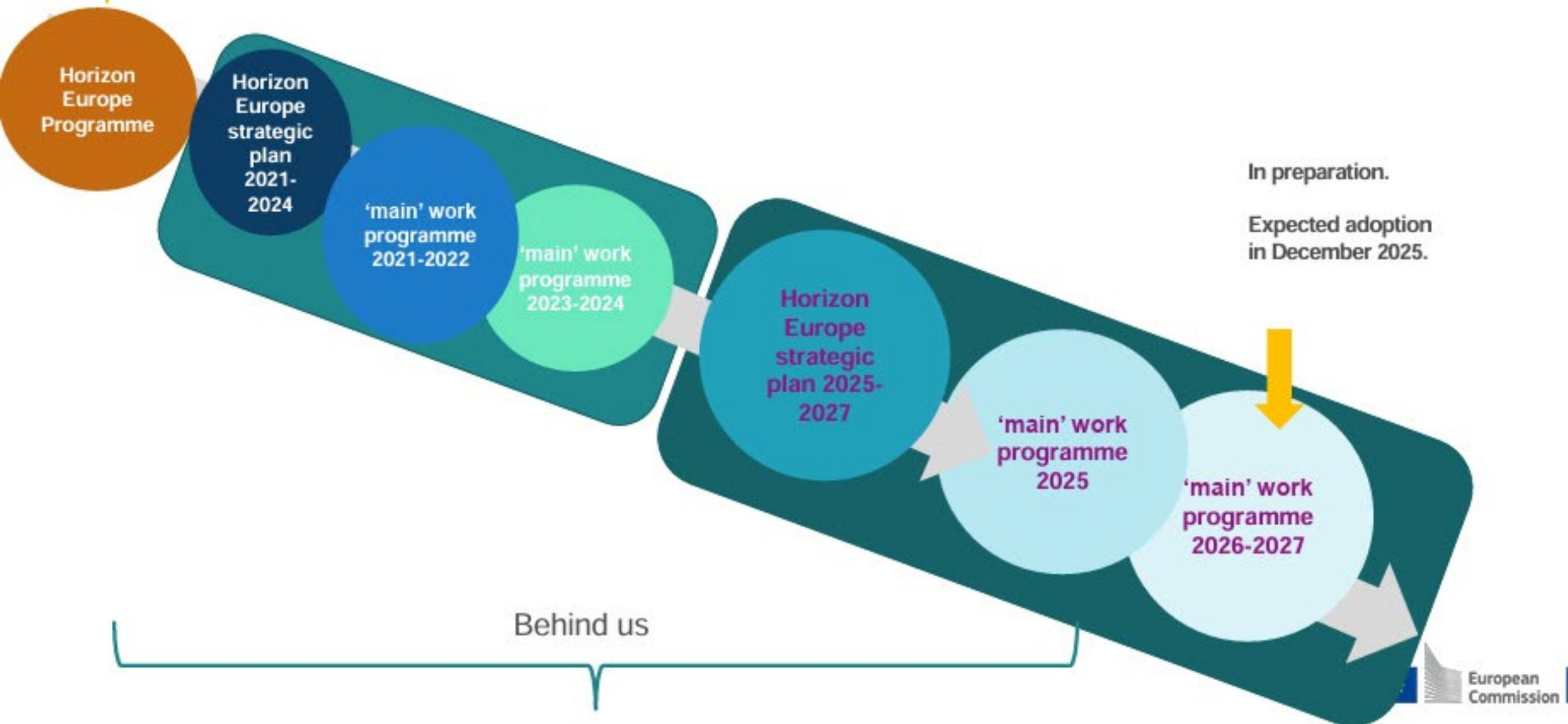
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The Horizon Framework Programme

Horizon Europe



Horizon Europe programme cycle



Project: UNDERCOVER



Budget 5 MEURO

Duration 3 years

15 partners, among those

Finland

- **GEOLOGIAN TUTKIMUSKESKUS**
- **LATITUDE 66 COBALT OY**

Germany

- **UNIVERSITAET MUENSTER**
- **SUPRACON AG**
- **LEIBNIZ-INSTITUT FUER PHOTONISCHE TECHNOLOGIEN E.V.**
- **TECHNISCHE UNIVERSITAT BERLIN**

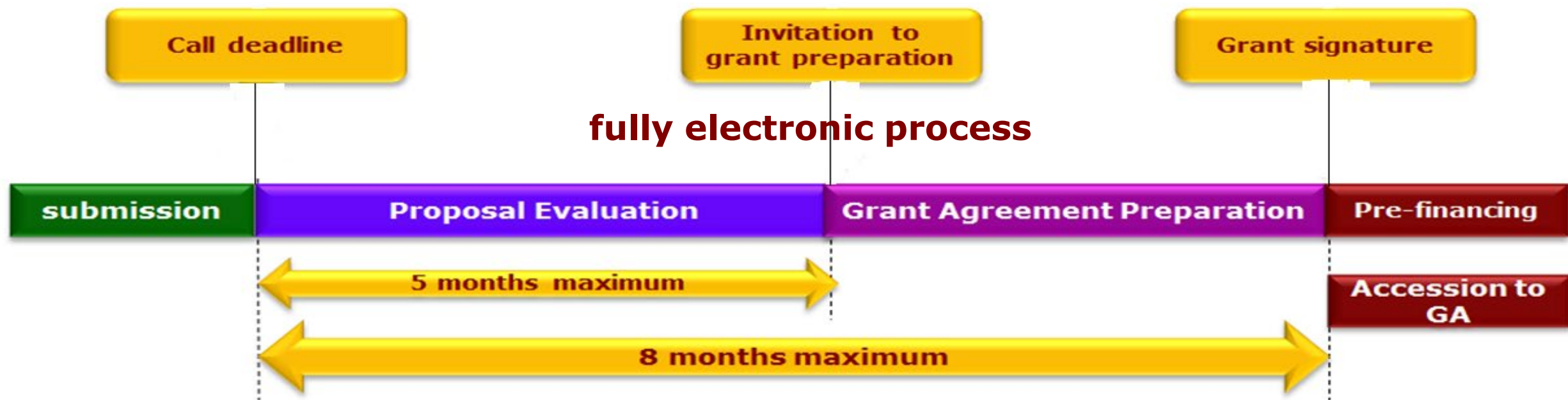
Canada:

INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE

[HORIZON-CL4-2024-RESILIENCE-01-01 - Exploration of critical raw materials in deep land deposits \(RIA\)](#)



GAP: a timebound process



Cluster 4: 2026-2027

- **Destination 1+2:** Leadership in materials and production for Europe
“Sub-destinations”
 - Sustainable Advanced Materials, Raw Materials and Chemicals
 - Fast tracking Circularity
 - Disruptive technologies for carbon capture and clean energy use
 - Technology infrastructure, knowledge valorisation and support for scaleups and startups
 - Raw Materials
 - Innovative Advanced Materials-based Technologies
- **Destination 4:** Achieving open strategic autonomy in digital and emerging enabling technologies

Deadlines for these destinations

WP 2026
06 januari 2026
—
21 april 2026

WP 2027
22 september
2026
—
02 february 2027

CALL 2026

Call-ID	Title	Type of action	Budgets (MEURO)	Expected per project
HORIZON-CL4-2026-01-MAT-PROD-23	Accelerating the discovery and development of chemicals and innovative advanced materials through digitalisation and artificial intelligence (Innovative Advanced Materials for the EU partnership)	IA	50	13.00
HORIZON-CL4-2026-01-MAT-PROD-24	Cooperation on innovative advanced materials with Japan (CSA)	CSA	0,8	Around 0.80
HORIZON-CL4-2026-01-MAT-PROD-01	Advanced manufacturing for key products (IA) (Made in Europe partnership)	IA	38	6.00 to 8.00
HORIZON-CL4-2026-01-MAT-PROD-04	Optimise the usage of resources in a circular economy (RIA) (Processes4Planet and Clean Steel partnerships)	RIA	64	5.00 to 8.00
HORIZON-CL4-2026-01-MAT-PROD-05	Circular innovative advanced materials: facilitating the transition from design to markets (RIA) (Innovative Advanced Materials for the EU and Made in Europe partnerships)	RIA	37	5.00 to 6.50
HORIZON-CL4-2026-01-MAT-PROD-31	Efficient capture / purification / utilisation of CO2 for the production of competitive products (RIA) (Processes4Planet partnership)	RIA	43,8	5.00 to 7.00

CALL 2026

Call-ID	Title	Type of action	Budgets (MEURO)	Expected per project
HORIZON-CL4-2026-01-MAT-PROD-11	Innovative technologies and tools for exploration and data modelling of raw materials (RIA)	RIA	18,5	5.00 to 7.00
HORIZON-CL4-2026-01-MAT-PROD-12	Technologies for innovative extraction of critical raw materials (RIA)	RIA	19	5.00 to 7.00
HORIZON-CL4-2026-01-MAT-PROD-13	Monitoring of secondary raw materials (CSA)	CSA	4	Around 4.00
HORIZON-CL4-2026-01-MAT-PROD-14	Improving availability of secondary raw materials through recycling (IA)	IA	28	Around 7.50

CALL 2026

Call-ID	Title	Type of action	Budgets (MEURO)	Expected per project
HORIZON-CL4-2026-01-MAT-PROD-41	Enhancing industry-academia knowledge exchange in Social Sciences and Humanities (SSH) (CSA)	CSA	2	Around 1.00
HORIZON-CL4-2026-01-MAT-PROD-44	Attracting management talent for capacity building for Technology Infrastructures staff members (CSA)	CSA	2,5	Around 3.00
HORIZON-CL4-2026-01-MAT-PROD-45	Pilot access schemes to Technology Infrastructures for European startups, scaleups and innovative SMEs (CSA)	CSA	5	1.50 to 2.50
HORIZON-CL4-2026-01-MAT-PROD-46	Mapping and service finder for Technology Infrastructures (CSA)	CSA	2	Around 2.00
HORIZON-CL4-2026-01-MAT-PROD-48	'Proof of market' to improve valorisation and commercialisation of Horizon generated R&I results (IA)	RIA	5	Around 0.20

CALL 2026

Call-ID	Title	Type of action	Budgets (MEURO)	Expected EU contribution per project (MEURO)
HORIZON-CL4-2026-04-DIGITAL-EMERGING-08	Apply AI: Robotics for Manufacturing: Advancing Core Skills through Technical Challenges (RIA) (Partnership in AI, Data and Robotics)	RIA	18.00	18.00
HORIZON-CL4-2026-05-MAT-PROD-25	New or enhanced Innovative Advanced Materials (IAM) enabled sensing functionality (RIA)	RIA	22.5	7.50

WP 2026
15 januari 2026
—
15 april 2026

Two stage

Call-ID	Title	Type of Action	Budgets (MEURO)	Expected Budget per project
HORIZON-CL4-2026-02-MAT-PROD-21-two-stage	Development of safe and sustainable alternatives to substances of concern	IA	38.00	6.00-7.50
HORIZON-CL4-2026-02-DIGITAL-EMERGING-51-two-stage	AI improved advanced manufacturing and production processes in factories (Made in Europe and AI, Data and Robotics partnerships)	RIA	30.00	4.00-6.00
HORIZON-CL4-2026-02-DIGITAL-EMERGING-53-two-stage	Innovative AI methods and technologies for the process industries (Processes4Planet and AI, Data and Robotics partnerships)	RIA	30.00	4.00-6.00
HORIZON-CL4-2027-02-DIGITAL-EMERGING-52-two-stage	New approaches for Human/AI collaboration for the workforce of the future (Made in Europe and AI, Data and Robotics partnerships)	RIA	30.00	4.00-6.00

Opening
16 december 2025

Deadline First Stage:
17 Mar 2026

Deadline Second Stage:
13 Oct 2026

Horizontal: R&I in Support of the Clean Industrial Deal

Call-ID	Title	Type of Action	Budgets (MEURO)	Expected EU contribution per project (MEURO)
HORIZON-CID-2026-01-01	R&I in Support of the Clean Industrial Deal: Decarbonisation of energy intensive industries (Processes4Planet and Clean Steel partnerships)	IA	125	15.00-25.00
HORIZON-CID-2026-01-02	R&I in Support of the Clean Industrial Deal: Clean Technologies for Climate Action	IA	150	15.00-25.00

Opening
18 december 2025

Deadline
15 September 2026

Put your project in context

Policy

- Horizon Europe - Research and innovation - European Commission
- Clean Industrial Deal;
- Critical Raw Materials Act;
- Steel and Metals Action Plan
- European Chemicals Industry Action Plan
- Future Circular Economy Act planned for 2026
- Safe and sustainable by design - Research and innovation



Relevant partnerships

- Clean Steel Partnership
- About Processes4Planet | A.SPIRE
- SRIA of RAMP (new European Partnership on Raw Materials): Partnership | ERA.MIN
- Made in Europe
- IAM-I | The Innovative Advanced Materials Initiative

Events

- KETs - Key Enabling Technologies Brokerage Event, 5 February 2026 in Karlsruhe (in person)
- IAM-I Symposium (Brussels) | IAM-I 11 december 2025, Brussels
- EIT RawMaterials Summit 2026 | IAM-I 19-21 May 2026, Brussels

To be confirmed

- 13 and 14 January information meeting by the EU commission

- NCP4Industry Full Proposal Check 7-10 April 2026

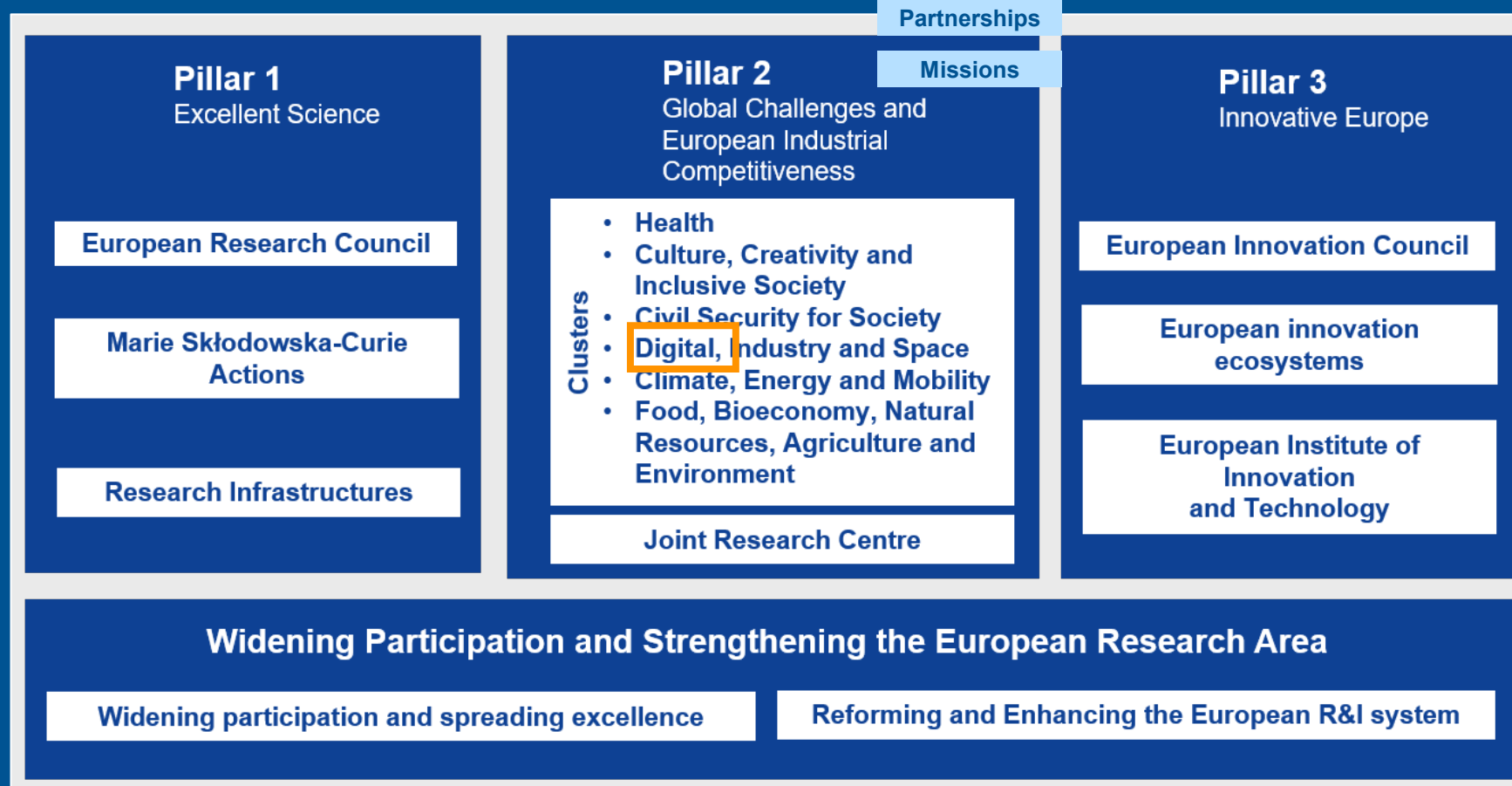
Horizon Europe

Framework programme for research and innovation 2021–2027

Cluster 4 - Digital

The Horizon Framework Programme

Horizon Europe



Cluster 4: 2026-2027

- **Destination 3:** Developing an agile and secure single market and infrastructure for data-services and trustworthy artificial intelligence services
 - Telco-Edge-Cloud continuum/ 3C Network (Connected Collaborative Computing) and Open Internet Stack
 - Achieving the end-to-end AI compute continuum
 - Data
- **Destination 4:** Achieving open strategic autonomy in digital and emerging enabling technologies
 - AI Continent
 - Quantum
 - Photonics
 - Semiconductors
- **Destination 6:** Digital and industrial technologies driving human-centric innovation
 - Virtual Worlds – Web4.0
 - Standardisation

Deadlines for these destinations

WP 2026
15 januari 2026
—
15 april 2026

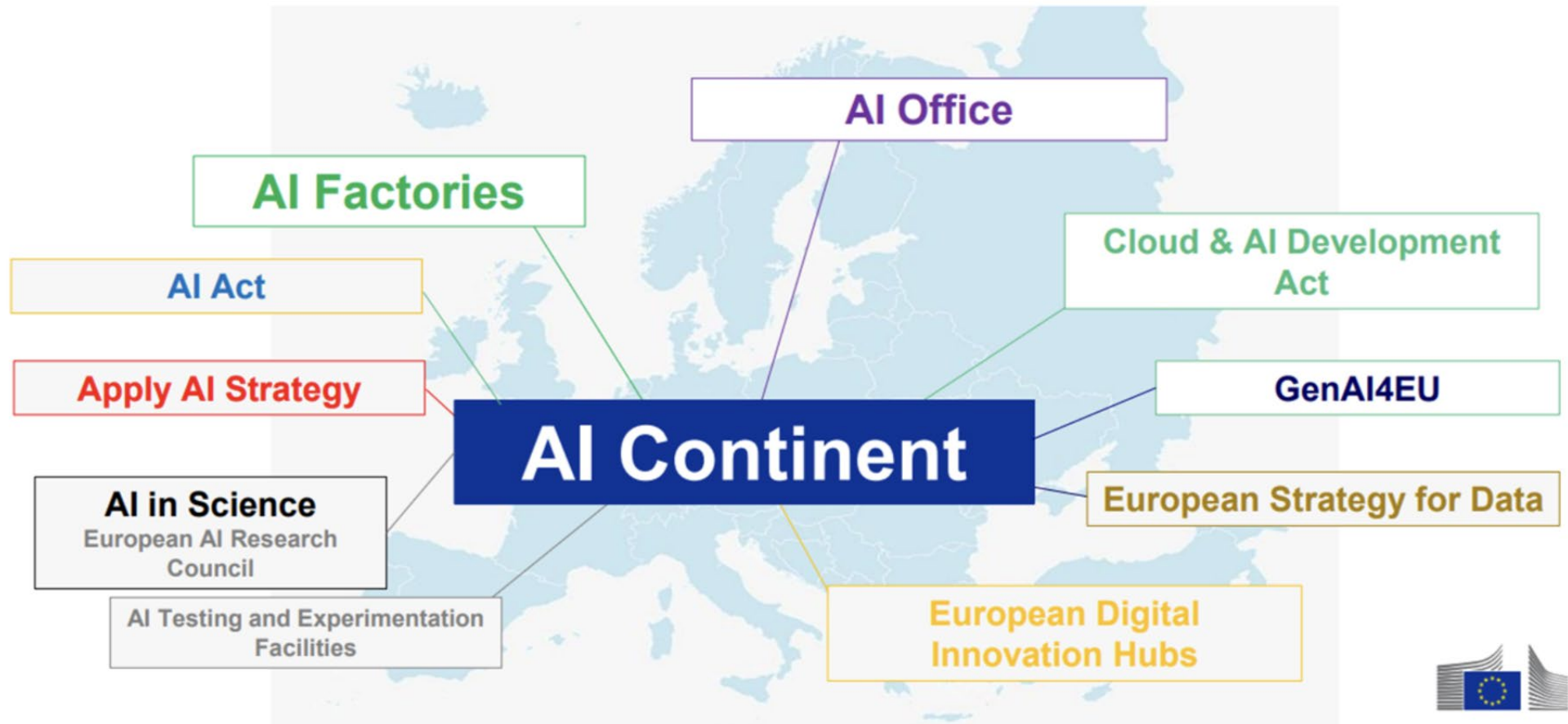
WP 2027
17 november 2026
—
18 mars 2027

Destination 3: Developing an agile and secure single market and infrastructure for data-services and trustworthy artificial intelligence services

Call-ID	Title	Type of action	Budgets (MEURO)	Expected Budget per project
HORIZON-CL4-2026-04-DATA-02	Open Internet Stack Sovereign Solutions	RIA	20.50	7.00-10.25
HORIZON-CL4-2026-04-DATA-03	Open Internet Stack Support for Scale	CSA	4.00	4.00
HORIZON-CL4-2026-04-DATA-06	Efficient and compliant access to and use of data	IA	46.5	11.50-23.50

The politics of AI in EU-funding

The EU support instruments towards an AI Continent



Destination 4: Achieving open strategic autonomy in digital and emerging enabling technologies

Call-ID	Title	Type of action	Budgets (MEURO)	Expected Budget per project
HORIZON-CL4-2026-04-DIGITAL-EMERGING-01	Apply AI: Pilot of the “Science for AI” Pillar of RAISE (“Resource for AI science in Europe”)	RIA	17.00	17.00
HORIZON-CL4-2026-05-DIGITAL-EMERGING-02	Next-Generation AI Agents for Real-World Applications in the Apply AI sectors	RIA	38.00	19.00
HORIZON-CL4-2026-04-DIGITAL-EMERGING-19	Challenge-Driven GenAI4EU Booster in Apply AI prioritised sectors	RIA	45.00	15.00
HORIZON-CL4-2026-05-DIGITAL-EMERGING-03	Apply AI: Next-Generation Agile and Intelligent Robotics Platforms for Industrial and Service Applications	RIA	25.00	12.00-13.00
HORIZON-CL4-2026-04-DIGITAL-EMERGING-08	Apply AI: Robotics for Manufacturing: Advancing Core Skills through Technical Challenges	RIA	18.00	18.00
HORIZON-CL4-2026-04-DIGITAL-EMERGING-09	Advanced Local Digital Twins using AI for Early Warning and Preparedness	IA	6.00	6.00

Destination 4: Achieving open strategic autonomy in digital and emerging enabling technologies

Call-ID	Title	Type of action	Budgets (MEURO)	Expected Budget per project
HORIZON-CL4-2026-04-DIGITAL-EMERGING-11	Grand Challenge on Quantum Sensors for Inertial Navigation	CSA	2.00	0.50
HORIZON-CL4-2026-04-DIGITAL-EMERGING-12	Standards for Quantum Technologies – Coordination and Support Action	CSA	1.00	1.00
HORIZON-CL4-2026-04-DIGITAL-EMERGING-18	Large-Scale Photonic Quantum Computing Platform Technologies	RIA	10.00	10.00
HORIZON-CL4-2026-04-DIGITAL-EMERGING-14	Networking and Future Photonics Strategy (Photonics Partnership)	CSA	3.00	3.00
HORIZON-CL4-2026-04-DIGITAL-EMERGING-15	Strengthening the cooperation of semiconductor-intensive EU regions	CSA	1.00	1.00
HORIZON-CL4-2026-04-DIGITAL-EMERGING-17	Fostering 2-Dimensional Materials (2DM) based emerging and enabling technologies	CSA	1.00	1.00

Destination 6: Digital and industrial technologies driving human-centric innovation

Call-ID	Title	Type of action	Budgets (MEURO)	Expected Budget per project
HORIZON-CL4-2026-04-HUMAN-01	Developing and demonstrating core technologies for Virtual Worlds and Web 4.0	IA	30.00	4.00-5.00
HORIZON-CL4-2026-04-HUMAN-02	Web 4.0 architectural framework and Open Internet Stack applications for virtual worlds	RIA	18.00	3.00-9.00

Two stage

Call-ID	Title	Type of Action	Budgets (MEURO)	Expected EU contribution per project (MEURO)
HORIZON-CL4-2026-02-DIGITAL-EMERGING-51-two-stage	AI improved advanced manufacturing and production processes in factories (RIA) (Made in Europe and AI, Data and Robotics partnerships)	RIA	30	4.00-6.00
HORIZON-CL4-2026-02-DIGITAL-EMERGING-53-two-stage	Innovative AI methods and technologies for the process industries (RIA) (Processes4Planet and AI, Data and Robotics partnerships)	RIA	30	4.00-6.00

Opening
16 december 2025

Deadline First Stage:
17 Mar 2026

Deadline Second Stage:
13 Oct 2026

Horizontal: AI in Science

Call-ID	Title	Type of Action	Budgets (MEURO)	Expected Budget per project
HORIZON-RAISE-2026-01-01	Thematic Networks of Excellence for AI in Science	RIA	15.00	15.00
HORIZON-RAISE-2026-01-02	Thematic Networks of Excellence for AI in Science – Agriculture and Environment	RIA	13.00	13.00

Opening
6th January 2026

Deadline
21 April 2026

	Cluster 1 Health	Cluster 2 Culture & Democracy	Cluster 3 Civil Security	Cluster 5 Mobility & Energy	Cluster 6 Agrifood	Pillar I Infrastructures	Pillar III EIC
AI/Robotics	AI for personalised disease prediction AI for healthcare	AI integration in Culture Creative Sectors AI impact on democracy and societies	AI for Cybersecurity applications Secure AI	AI powered next generation digital energy systems GenAI for smarter CCAM	AI built advice for competitiveness and sustainability of farmers	Ebrains 2.0	AccelC: GenAI4EU PathFindC: Towards autonomous robot collectives
Data/Cloud/IoT		Cultural Heritage Data Space	Cybersecurity for Cloud, IoTs, Data spaces	Data sharing in support to the training of AI models for energy sector		EOSC EU Node	AccelC: Enabling the smart edge
Quantum/Cybersec			Post quantum cryptography Ensuring resilient and secure hardware and software				AccelC: Quantum technology components
Virtual Worlds	Virtual Human Twins (VHT) for prevention and diagnosis			AI-assisted digital aircraft design on the base of digital twins/virtual products		Digital Twins Destination Earth continuing to Data Labs	AccelC: virtual worlds and augmented interaction in high-impact applications
Semicon/Photonics				Chips JU – Software-Defined Vehicle platform & Automotive Action Plan			PathFindC: Nanoelectronics for energy-efficient smart edge devices

Free, but optimize, build your Team

- It depends on the call – but there **has to be a reason** for each organization to be involved
- There could be **too many** or **too few** of one type of actor
- Each project need "dissemination and communication" – how is your experts in this?
- Social science and humanities (**SSH**) – will the results be applied in a societal context?
- **Gender balance** – what is the distribution between roles? If it is a problem, how can the project contribute to balance it out?
- **Geographical balance** – can benefit impact but also affect excellence, find a balance.
- Eligibility criteria

Put your project in Context

Policy

- Europe's Moment in the AI & Robotics Race: AI-powered robotics Strategy for Europe | Adra Association
- Artificial Intelligence (AI) in Science - Research and innovation
- Apply AI Strategy | Shaping Europe's digital future
- Commission launches AI innovation package
- EU launches InvestAI initiative to mobilise €200 billion
- GenAI4EU: Creating European Champions in Generative AI - European Commission

HORIZON DASHBOARD



Relevant partnerships

- Partnership in AI, Data and Robotics
- Photonics Partnership
- VWA - Virtual Worlds Association
- Partnership for European Supercomputers; Homepage - EuroHPC JU

Events

- [Apply AI webinars | Shaping Europe's digital future](#)
 - Webinar 1: A fireside chat on the Apply AI strategy, 12 November, 16:00-17:00 - [recorded](#)
 - Webinar 2: Sectoral deep dive – healthcare & pharma, 9 December, 15:30-17:00
- [KETs - Key Enabling Technologies Brokerage Event, 5 February 2026 in Karlsruhe \(in person\)](#)
- [EU-Funded Projects and Synergies Driving Competitiveness and Preparedness, 19 January 2026 \(hybrid\)](#)
- [Homepage - ECS Brokerage Event](#) 4-5 February Brussels
- [Data Spaces Symposium 2026 – Scaling cross-border data ecosystems](#) . 10-11 February 2026, Madrid
- [ERF2026 | Join us at the European Robotics Forum 2026 in Stavanger, Norway](#) 23-26 march 2026, Stavanger

To be confirmed

- 13 and 14 January information meeting by the EU commission
- Ideali-ist Full Proposal Check 16-20 March 2026
- 15 January **AI Factory Antenna Switzerland + AI Partnering**

Horizon Europe

Framework programme for research and innovation 2021–2027

Cluster 4 - Space

Who are we?



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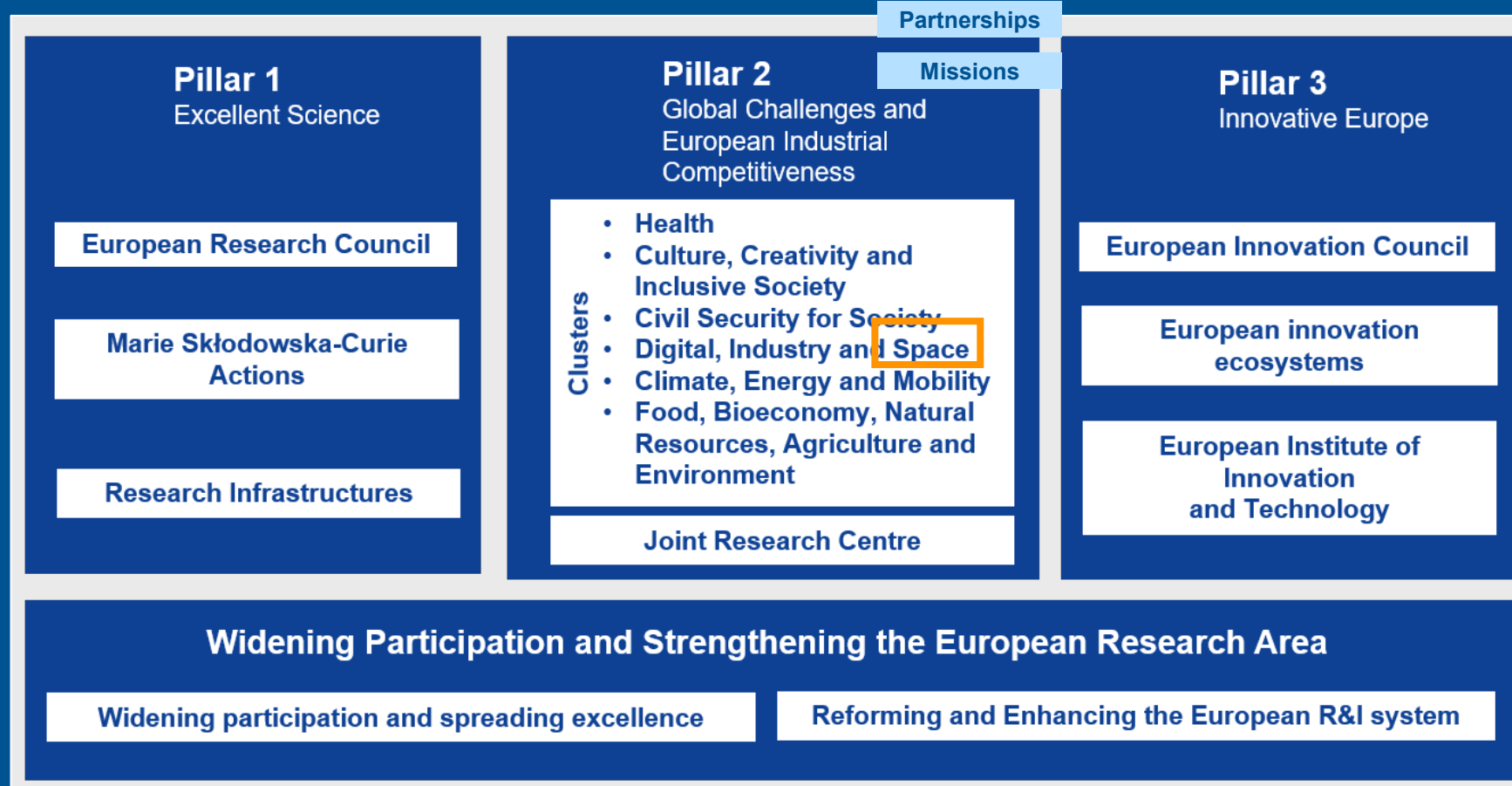


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Horizon Europe





Swedish National Space Agency

- Encouraging cooperation
- Providing government support
- Spread knowledge

Operational Areas

- International Space Activities
- Research
- Innovation and Technology Development for Social Benefit and Competitiveness
- Research Infrastructure
- School and Education
- Communication



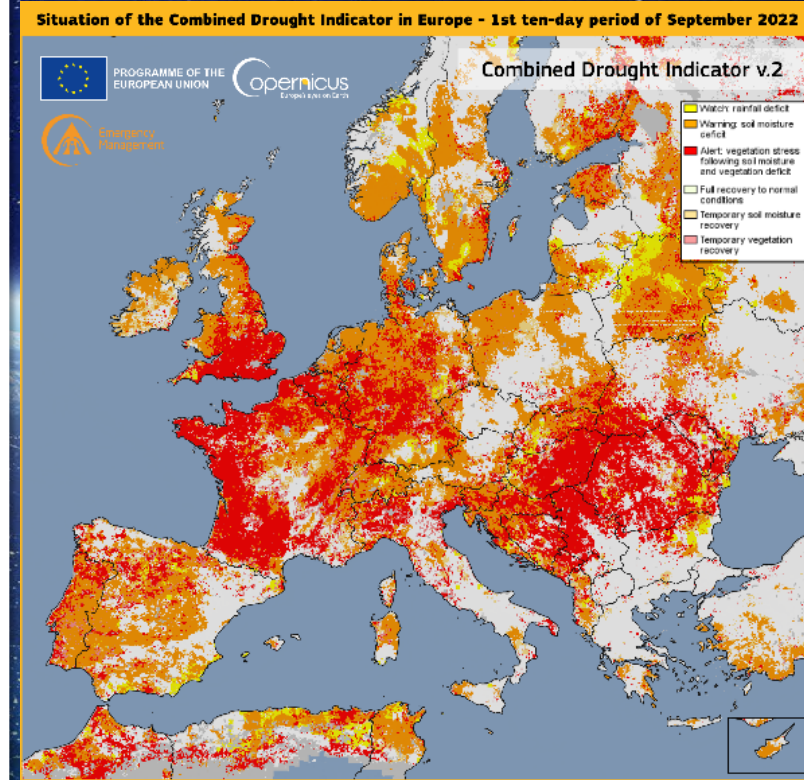
Cluster 4

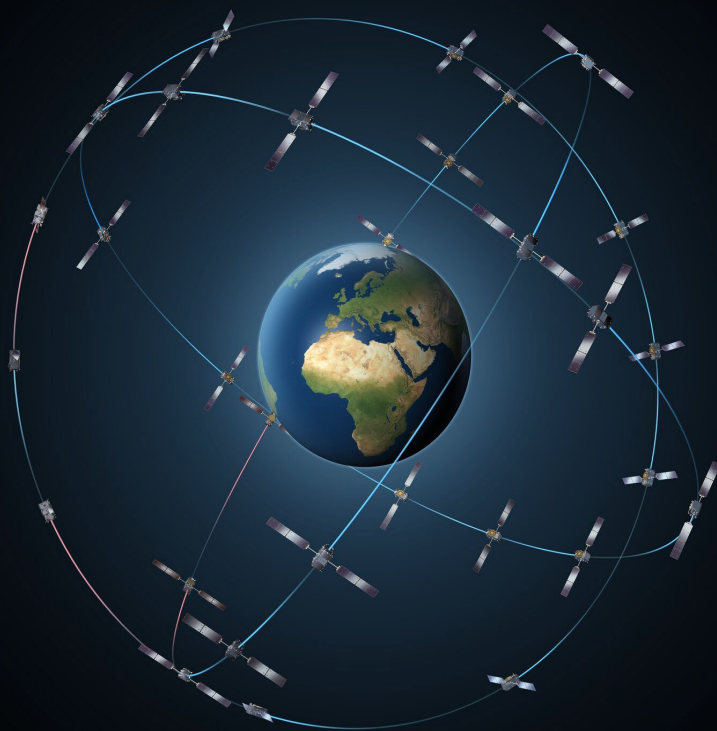
Digital, Industry &
Space

Part of Pillar 2

Introduction to Horizon Europe Cluster 4

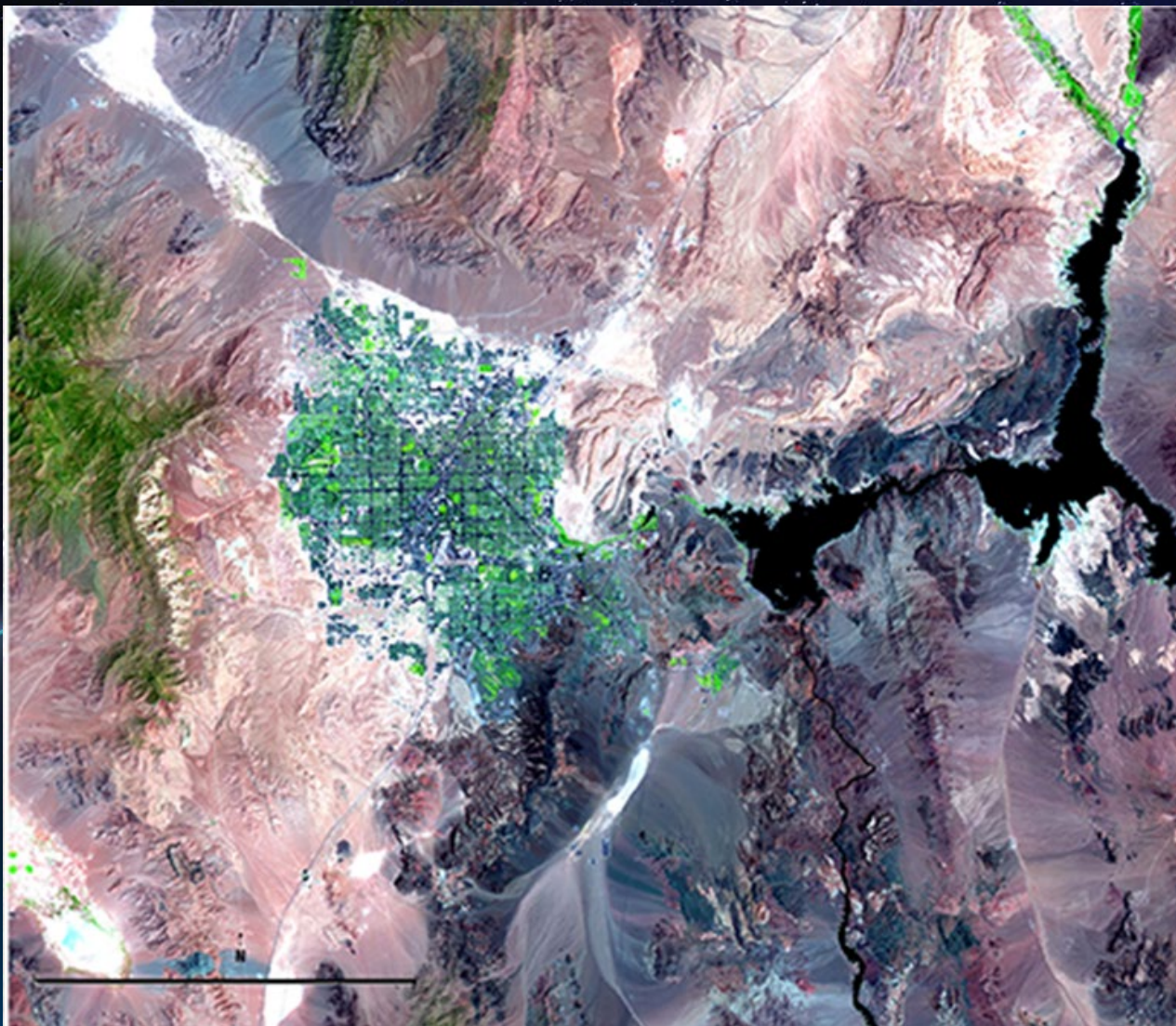
- Part of Horizon Europe's Pillar II: Global Challenges and European Industrial Competitiveness
 - Focuses on Digital, Industry, and Space
 - Budget: €15.3 billion (2021-2027)
- Support EU space programme evolution and sector competitiveness.





Key Space Research & Innovation Focus Areas

- Modular, intelligent satellites
- Advanced Earth observation
- Development of critical space components
- Digital and AI-enabled space technologies
 - International cooperation

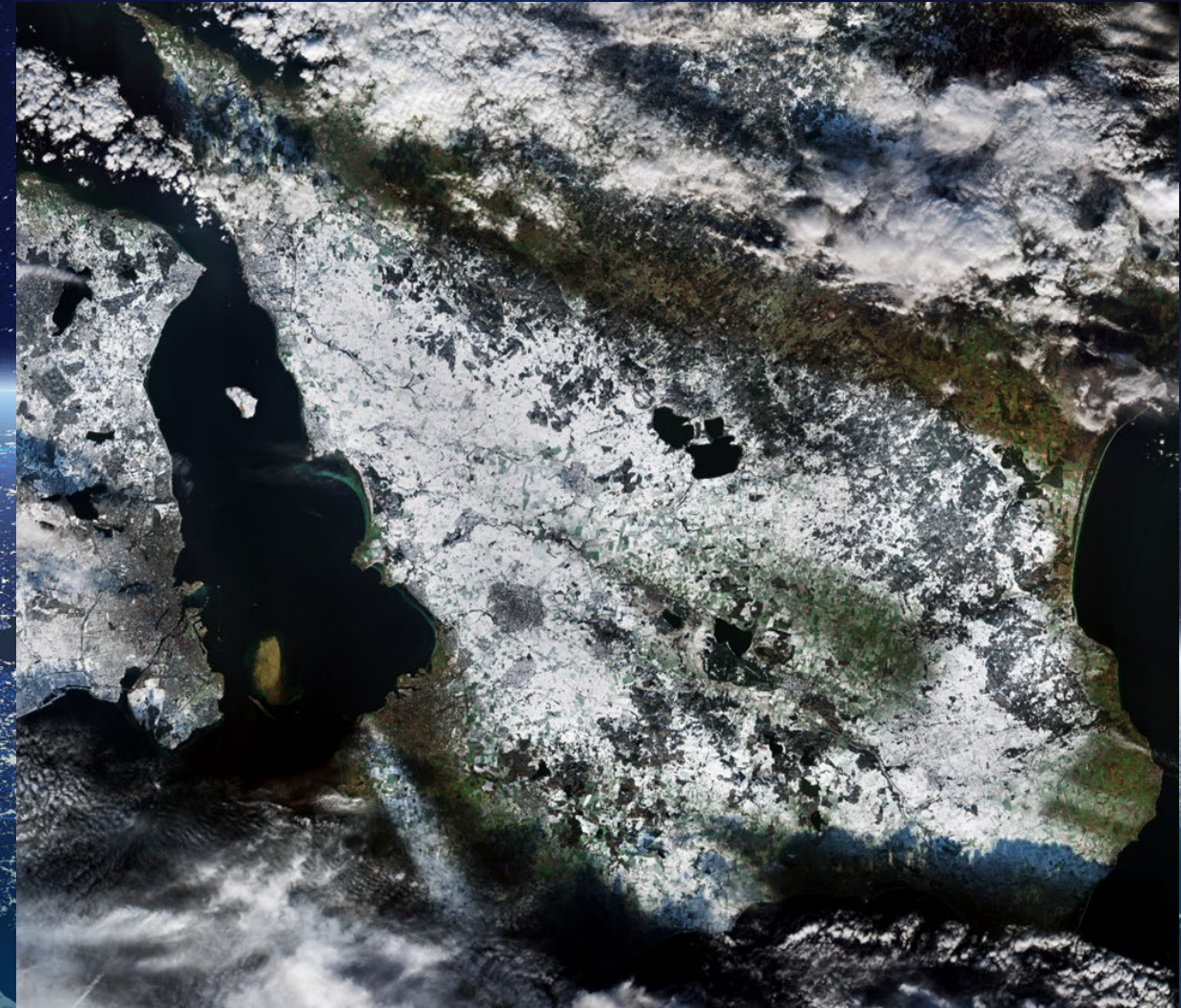


Horizon Europe Cluster 4 Work Programme 2026-2027

- 1 Accessing Space:** Ambition for open strategic autonomy in space-based infrastructure and services
- 2 Using Space:** Invest in autonomous satellite technologies and reliable space data services (Earth observation, telecom)
- 3 Monitoring Space:** Support for European spaceports and digital tools for autonomous space transportation
- 4 Acting in Space:** Funding projects: demonstration missions, critical components for EU non-dependence
- 5 Exploring Space:** Innovation in quantum space gravimetry and advanced in-orbit services
- 6 Boosting Space:** Emphasis on sustainability, cybersecurity, and entrepreneurship in the space sector

Strategic Impacts of Cluster 4 Space

- Achieve open strategic autonomy in space systems.
- Strengthen Europe's digital and industrial capacities in space.
- Ensure resilience and sustainability of space infrastructures.
- Boost Europe's competitiveness in global space markets.





Funding and Project Opportunities

- Total budget around €15.3 billion for Cluster 4.
- Numerous calls on satellite technology, in-space operations, critical components, and Earth observation.

Funding Type	Typical EU Rate	Who It's For	Example Topic	Notes
Research & Innovation Action (RIA)	100%	<i>Universities, research centers, SMEs</i>	<i>Space critical components for EU non-dependence</i>	<i>Full cost coverage for research-oriented projects</i>
Innovation Action (IA)	45%	<i>Industry-led consortia</i>	<i>Consolidate commercial SST capabilities</i>	<i>Reduced rate for applied industrial innovation</i>
FSTP Grants (Financial Support to Third Parties)	65%	<i>SMEs, research orgs, public bodies</i>	<i>EU SST Partnership</i>	<i>Third parties co-fund 35% (EUR 3–9M grants)</i>
Indirectly Managed Actions (ESA, EUSPA)	<i>Varies</i>	<i>ESA, EUSPA, national space agencies</i>	<i>ESA IOD/IOV service</i>	<i>Managed via contribution agreements</i>

Programme / Topic	Funding Form	Indicative Budget	Year
EU SST Partnership (FSTP)	IA Grants	€24M	2027
Consolidate commercial SST capabilities	IA (45%)	€28M	2027
Reinforcing EU autonomous access to space	IA	€22.59M	2026
Digital solutions for space transportation systems	IA	€5M	2027
Scientific analysis and exploitation of space data	RIA	€3.92M	2026
Space critical components for EU non-dependence	RIA/IA	€12.74M–€3.92M	2026
ESA IOD/IOV service	Indirect	€108.1M (2026), €162.4M (2027)	2026–2027

A satellite image showing a coastal city with a dense urban area, a large body of water, and surrounding green fields. The image is oriented vertically, with the city at the top and the water at the bottom. A small white arrow points to the right on the left edge of the image.

Practical Steps for Engagement

- Select the correct **SPACE** topic under the call.
 - Review **scope**, **TRL level**, and **expected outcomes**.
- Build a **qualified consortium** (industry + research + SMEs).
- Confirm **eligibility** and **admissibility**.
 - Prepare the **proposal**
- Submit via the **Funding & Tenders Portal** before the deadline.
- Await **evaluation** and **potential STEP Seal**.

3) Using Space on Earth, Telecommunications & Earth Observation

- HORIZON-CL4-2025-02-SPACE-31: Digital enablers and building blocks for Earth Observation and Satellite telecommunication for Space solutions
- HORIZON-CL4-2025-02-SPACE-32: Preparing demonstration missions for collaborative Earth Observation and Satellite telecommunication for Space solutions

4) Using Space on Earth – Copernicus Earth Observation

- HORIZON-CL4-2025-02-SPACE-41: Copernicus Climate Change Service (C3S) evolution: new and innovative processing and methods for future Sentinels and other satellites for reanalyses
- HORIZON-CL4-2025-02-SPACE-42: Copernicus Atmosphere Monitoring Service (CAMS) evolution: improved soil-vegetation-atmosphere modelling and data assimilation of atmospheric constituents
- HORIZON-CL4-2025-02-SPACE-43: Copernicus Anthropogenic CO₂ Emissions Monitoring & Verification Support (CO2MVS) capacity: new and innovative methods to estimate the impact of fires on vegetation and related carbon fluxes
- HORIZON-CL4-2025-02-SPACE-44: Copernicus Marine Environment Monitoring Service (CMEMS) evolution: new and innovative ocean data assimilation techniques
- HORIZON-CL4-2025-02-SPACE-46: Innovative Earth observation services in support of maritime litter detection and ship source pollution policies
- HORIZON-CL4-2025-02-SPACE-45: Supporting the AI/ML digital transition of Copernicus Services

Work Programme 2026-2027

Will be adopted in the coming days

a) Call HORIZON-CL4-2026-03-SPACE

Opening: 10 March 2026

Deadline: 3 Sep 2026

b) Call HORIZON-CL4-2027-EUSPA-SPACE

Opening: 14 Oct 2026

Deadline(s): 17 Feb 2027

c) Call HORIZON-CL4-2027-03-SPACE

Opening: 9 March 2027

Deadline(s): 9 Sept 2027



Horizon Europe Cluster 4 – Call: SPACE Topics Overview (2026–2027)

HORIZON-CL4-2026-SPACE-03 (2026 Call)

Total Budget: ~€90.97 million

Opening Date: 10 March 2026

Deadline: 3 September 2026

Topic Code	Title	Type of Action	Indicative Budget (€ million)	Expected Projects
HORIZON-CL4-2026-SPACE-03-11	Reinforcing EU autonomous access to space through EU-based spaceports	IA	22.59	2
HORIZON-CL4-2026-SPACE-03-31	Digital enablers and building-blocks for Earth Observation and Satellite telecommunication for Space solutions	RIA	12.00	3
HORIZON-CL4-2026-SPACE-03-32	Preparing demonstration missions for Earth Observation and Satellite telecommunication for Space solutions	IA	26.00	4
HORIZON-CL4-2026-SPACE-03-61	Scientific analysis and exploitation of space data	RIA	3.92	2
HORIZON-CL4-2026-SPACE-03-81	Space critical EEE components for EU non-dependence – Radiation Hard FPGA on 7nm	RIA	12.74	1
HORIZON-CL4-2026-SPACE-03-82	Space critical EEE components – GaN MMICs mm-Wave Foundations (Phase A)	RIA	6.86	1
HORIZON-CL4-2026-SPACE-03-85	Critical Facilities Serving Space EEE components – High and Very High Energy Irradiation Test Facility	IA	3.92	1
HORIZON-CL4-2026-SPACE-03-86	Space critical Equipment – Space Refuelling Interface	RIA	2.94	1

IA — Innovation Action

RIA — Research and Innovation Action

HORIZON-CL4-2027-SPACE-03 (2027 Call)

Total Budget: ~€66.16 million

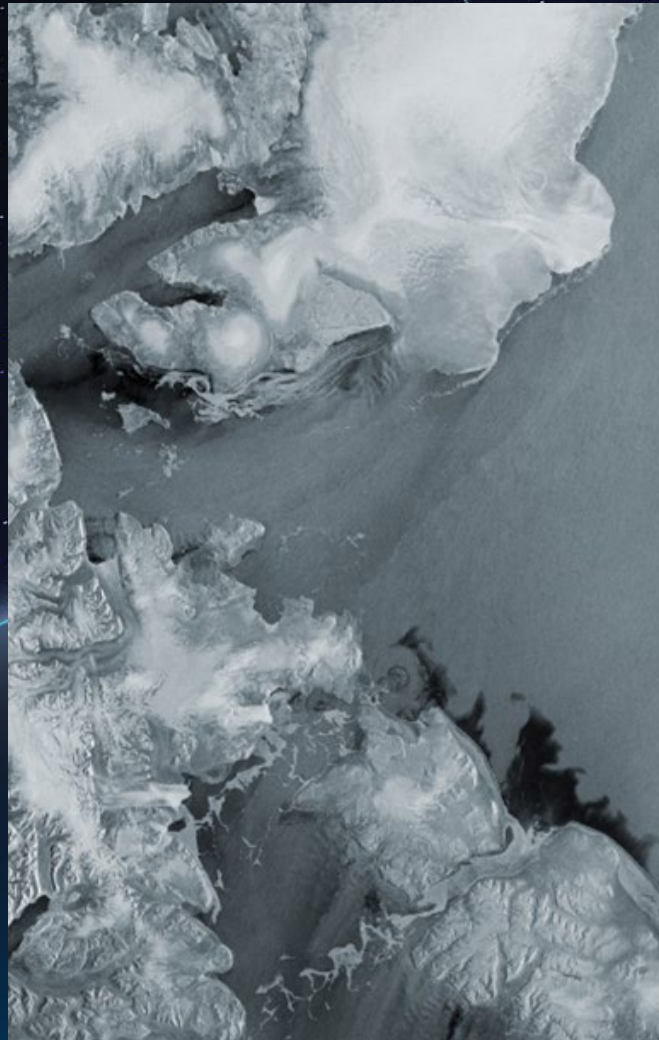
Opening Date: 9 March 2027

Deadline: 2 September 2027

Topic Code	Title	Type of Action	Indicative Budget (€ million)	Expected Projects
HORIZON-CL4-2027-SPACE-03-12	Digital solutions for autonomy for space transportation systems, design and simulation tools	IA	5.00	2
HORIZON-CL4-2027-SPACE-03-21	ISOS4I Pilot Mission Integrated Ground Test and consolidation of space-compatible USI solutions	RIA	0.98	1
HORIZON-CL4-2027-SPACE-03-33	Digital enablers and building blocks for collaborative Earth Observation and Satellite telecommunications	RIA	4.00	2
HORIZON-CL4-2027-SPACE-03-34	Preparing demonstration missions for collaborative Earth Observation and Satellite telecommunication	IA	26.00	4
HORIZON-CL4-2027-SPACE-03-71	Quantum Space Gravimetry topic	RIA	29.20	2
HORIZON-CL4-2027-SPACE-03-83	Space critical EEE components for EU non-dependence	RIA	0.49	1
HORIZON-CL4-2027-SPACE-03-84	Space critical equipment for EU non-dependence	RIA	0.49	1

IA — Innovation Action

RIA — Research and Innovation Action



Summary Totals (2026–2027)
Total Number of Topics: 15
Total Indicative Budget: ~€156 million

Type of Actions:

- Innovation Actions (IA): 5 topics
- Research & Innovation Actions (RIA): 10 topics

Primary Focus Areas:

- Access to Space
- Earth Observation and SatCom Demonstrations
 - In-Space Operations (ISOS)
- Quantum & Critical Space Technologies
- Space Non-Dependence and Equipment Development

Who can participate:

- Legal entities established in
 - Consortia composition
 - Specific conditions

Who cannot participate:

- Legal entities established in China
- Entities from countries not listed as eligible in the call
- Entities controlled by non-eligible countries
 - High-risk suppliers



Thank you!

Iris Lee Thompson

Earth Observation and Geographical analysis

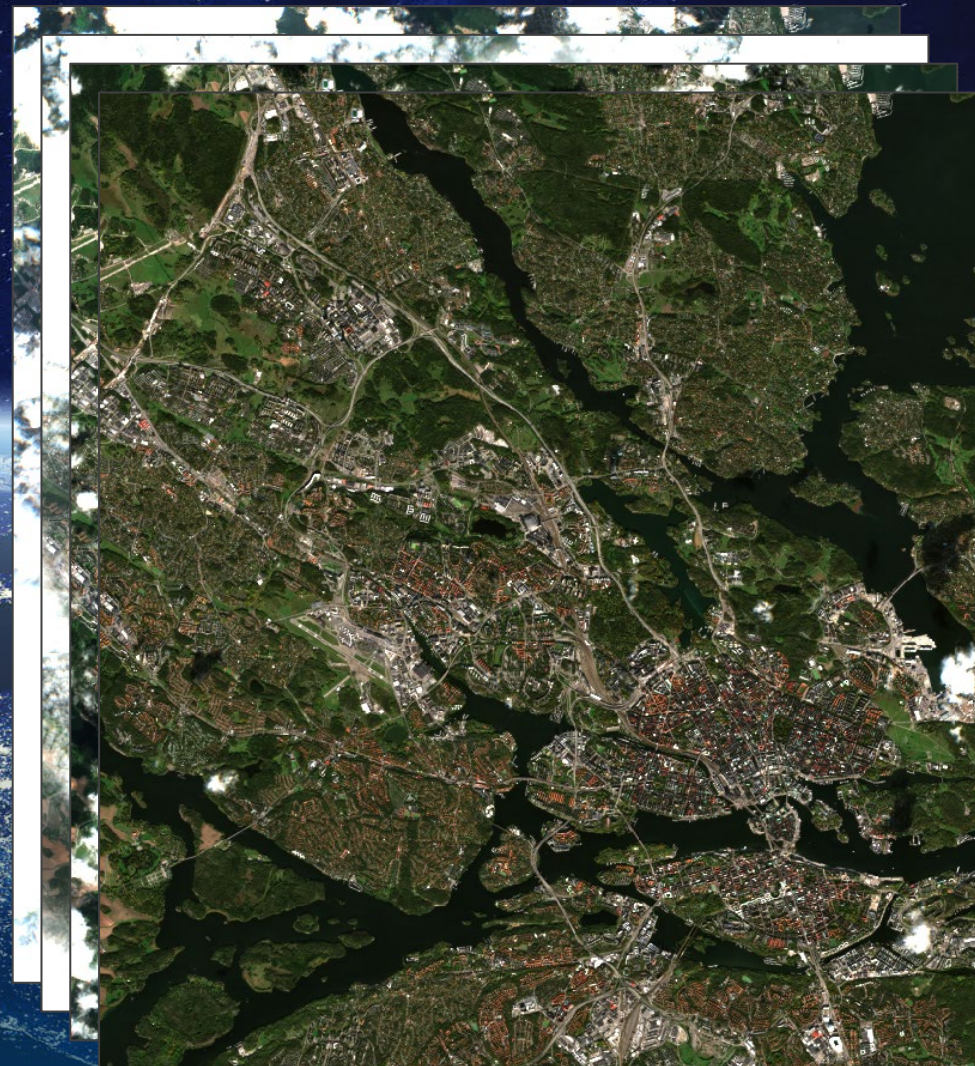
Iris.leethompson@snsa.se

Useful website:

[Cluster 4: Digital, Industry and Space - Research
and innovation](#)

[EU Space - Defence Industry and Space - European
Commission](#)

[EUSPA - Calls for proposals | EU Funding &
Tenders Portal](#)



Horizon Europe: Draft

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Committee
C70408 X

Meeting
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Document Code
Select Code - D000001

Document Type
Select Type

Procedure
Select Procedure

Document Title
work programme

From

Documents (27)

DOCUMENT TITLE work programme X COMMITTEE C70408 X

Showing results 1 to 5

D107987/03 - (Draft Implementing Act) in dossier CMTD(2025)799 - Date: 10/06/2025 - 10/06/2025
Horizon Europe Work Programme 2026-27 - Part 7. Digital, Industry and Space - version 3 - 14 07 2025
Committee: C70408 - Programme Committee for the specific programme implementing Horizon Europe - the Framework Programme for Research and Innovation – Digital, Industry and Space

D107987/02 - (Draft Implementing Act) in dossier CMTD(2025)799 - Date: 10/06/2025 - 10/06/2025
Horizon Europe Work Programme 2026-27 - Part 7. Digital, Industry and Space - version 2 - 28 05 2025
Committee: C70408 - Programme Committee for the specific programme implementing Horizon Europe - the Framework Programme for Research and Innovation – Digital, Industry and Space

D107987/01 - (Draft Implementing Act) in dossier CMTD(2025)1106 - Date: 15/05/2025 - 15/05/2025

1. Open the [homepage](#) and chose "Documents"
2. Choose the cluster (committee of your interest)
Cluster 4: C70408
3. Search with keyword "Work programme" to get the newest public work programme (until the final approvemement, these documents are drafts!)

European Commission

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Committee
C00100

Cluster	Committee Name	Committee code
Strategic	Strategic configuration (overall Horizon Europe)	C70401
CL1	Health	C70405
CL2	Culture, Creativity and Inclusive Society	C70406
CL3	Civil Security for Society	C70407
CL4	Digital, Industry and Space	C70408
CL5	Climate, Energy and Mobility	C70409
CL6	Food, Bioeconomy, Natural Resources, Agriculture & Env.	C70410
New European Bauhaus	Strategic configuration	C70401
EU Missions	Strategic configuration	C70401

Showing results 1 to 5

Funding and Tenders Portal

The screenshot displays the EU Funding & Tenders Portal interface. At the top, the European Commission logo and the portal title are visible. A navigation bar includes links for Home, Funding, Procurement, Projects & results, News & events, Work as an expert, and Guidance & documents. A search bar is located on the right. The main content area shows the breadcrumb trail: Home > Funding > Calls for proposals > AI Foundation models in science (GenAI4EU) (RIA). The title of the call is 'AI Foundation models in science (GenAI4EU) (RIA)' with the identifier 'HORIZON-CL4-INDUSTRY-2025-01-DIGITAL-61'. A 'Topic' button is labeled 'Call for proposal'. On the left, an 'Internal navigation' sidebar lists various sections like General information, Topic description, Topic updates, Destination, Conditions and documents, Budget overview, Start submission, Topic Q&As, and Get support. The main content is divided into 'General information' and 'Topic description'. The 'General information' section includes details about the Programme (HORIZON), Call (INDUSTRY (HORIZON-CL4-2025-01)), Type of action (HORIZON-RIA HORIZON Research and Innovation Actions), Type of MGA (HORIZON Lump Sum Grant [HORIZON-AG-LS] with a 'Closed' status), Deadline model (single-stage), Opening date (22 May 2025), and Deadline date (23 September 2025 17:00:00 Brussels time). The 'Topic description' section shows the 'Expected Outcome' as accelerating research and development in science across various domains.

European Commission | EU Funding & Tenders Portal

Sign in EN

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Search...

Home > Funding > Calls for proposals > AI Foundation models in science (GenAI4EU) (RIA)

AI Foundation models in science (GenAI4EU) (RIA)

HORIZON-CL4-INDUSTRY-2025-01-DIGITAL-61

Topic Call for proposal

Internal navigation

- General information
- Topic description
- Topic updates
- Destination
- Conditions and documents
- Budget overview
- Start submission
- Topic Q&As
- Get support

General information

Programme
HORIZON

Call
INDUSTRY (HORIZON-CL4-2025-01)

Type of action HORIZON-RIA HORIZON Research and Innovation Actions	Type of MGA HORIZON Lump Sum Grant [HORIZON-AG-LS]	Closed
Deadline model single-stage	Opening date 22 May 2025	Deadline date 23 September 2025 17:00:00 Brussels time

Topic description

Expected Outcome:

- Accelerate research and development in science, with focus on the domains of a) materials science, b) climate change science, c) environmental pollution science (including PFAS) and d) agricultural science ;...

Show more – Show more

Keep yourself updated

- [NCPs : Kontakt för Horisont Europa | Vinnova](#)
- [Möten och samverkansarenor| Vinnovas kalendarium | Vinnova](#)
- Vinnovas Newsletter on Horisont Europa
 - [Horisont Europas nyhetsbrev](#)
- We have cluster specific mailing lists
 - [Kluster 1: Hälsa](#)
 - [Kluster 2: Kultur, kreativitet och ett inkluderande samhälle](#)
 - [Kluster 3: Civil säkerhet för samhället](#)
 - [Kluster 4: Digitala frågor, industri och rymd](#)
 - [Kluster 5: Klimat, energi och mobilitet](#)
 - [Kluster 6: Livsmedel, bioekonomi, naturresurser, jordbruk och miljö](#)



Useful links

Information about the programme

[Vinnova's website on Horizon Europe](#) – information about the program and contact at Vinnova

[EU Framework Programme Horizon Europe - Swedish Research Council \(vr.se\)](#) – information about the program and contact at the Swedish Research Council

[Horizon Europe \(energimyndigheten.se\)](#) – information about the program and contact at the Swedish Energy Agency

[European cooperation – Formas](#) – information about the program and contact at Formas

[Forte in Horizon Europe – Forte](#) – information about the program and contact at Forte

[Joint effort for Horizon Europe](#) – national strategy for stronger Swedish participation

[Funding and Tenders](#) – European Commission (EC) portal for calls, topics, and application

[Horizon Europe](#) – general information about the program from the EC

[Missions](#) – EC's information about Missions

[Partnerships](#) – EC's information about European partnerships with contact details

[Reference Documents](#) – regulations, templates, guides, description of project types, etc.

[Dashboard](#) – Horizon 2020 database for statistics and granted projects

Användbara länkar

Writing an application

[How to prepare a successful proposal in Horizon Europe](#) – recorded webinar organised by EC

[A successful proposal for Horizon Europe: Scientific-technical excellence is key, but don't forget the other aspects](#) – recorded webinar organised by EC

[The Funding & Tenders Portal for beginners](#) – webinar organised by EC

information about policy and strategy

[European Green Deal](#)

[A Clean Planet for All](#)

[Europe Fit for the Digital Age](#)

Event, networking, partner search, and support

[EUSME](#) – Swedish support office for small and medium-sized enterprises

[EEN Match](#) – matchmaking

[Events | European Commission \(europa.eu\)](#) – upcoming information events organized by the EC