

Horizon Europe Funding Opportunities - 2024

Cluster 4 - Digital, Industry and Space

Destination 5 - Open Strategic Autonomy in Developing, Deploying and Using Global Space-Based Infrastructures, Services, Applications and Data

ISERD is the interface between the Israeli government and the EU, for all the activities of the Framework Programme. Our goal is to promote the participation of Israeli entities in European research and innovation (R&I) activity and to increase Israel's scientific and industrial collaboration with the European R&I ecosystem. ISERD holds [events](#), information days, and invites you to follow our [newsletter](#), and [website](#) providing more information about funding opportunities

Horizon Europe (HEU)

[HEU](#) is a 95.5-billion-euro funding programme for R&I, that covers all major scientific and technological disciplines, and encourages collaborative projects (consortia) for a joint goal.

- Consortium –
 - ✓ At least 3 partners from 3 different countries participating in the programme
 - ✓ At least 1 partner must be from a member state (EU country)
 - ✓ A partner can be any legal entity – university, company, agency, end-user, government entity etc...
- Funding Tools –

Action	Funding*	Main Characteristics
RIA - Research & Innovation Action	100% + 25%	Basic and applied research , technology development and integration, testing and validation - small-scale prototype in laboratory or simulated environment. Usually low TRL
IA - Innovation Action	70% + 25%	Prototyping , testing, demonstrating, piloting, large-scale product validation and market replication . Usually high TRL
CSA - Coordination & Support Action	100% + 25%	Networking , coordination or support services , policy dialogues and mutual learning exercises and studies

* Non-profit: always 100% + 25% overhead

[TRL](#) - Technology Readiness Level - a scale to measure the maturity level of a technology

[Lump-sum](#) - Funding procedure aimed to simplify budget allocation by removing the need to report actual costs

HEU Orientation
Presentation

Events

Previous Funded
Projects

Cluster 4 Work
Programme

For further information:

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Destination 5 - Open Strategic Autonomy in Developing, Deploying and Using Global Space-Based Infrastructures, Services, Applications and Data:

Expected impacts:

- **Open strategic autonomy in developing, deploying and using global space-based infrastructures, services applications and data**, including by reinforcing the EU's independent capacity to access space, securing the autonomy of supply for critical technologies and equipment, and fostering the EU's space sector competitiveness.

Notes:

- **TRL** - Technology Readiness Level - a scale to measure the maturity level of a technology
- **Lump-sum** - Funding procedure aimed to simplify budget allocation by removing the need to report actual costs
- **Non-eligible** - Participation of entities from Israel is prohibited
- **Eligibility (partnership)** - Participation is limited only to members of the partnership
- **Eligibility (case by case)** - Participation of entities from Israel will be discussed on a case by case basis
- **Eligibility** - Participation is somewhat limited, should check specifically before applying

Topic	Expected TRL	Topic Budget [M€]	Action	Deadline [dd.mm.yyyy]
2024 Call Call opening: 21.11.2023				
Evolution of services: Copernicus				
HORIZON-CL4-2024-SPACE-01-35: Copernicus for Land and Water	5-6	4 (1.5-2 per project) (Lump-sum)	RIA	21.03.2024
HORIZON-CL4-2024-SPACE-01-36: Copernicus for Security	5-6 Non-eligible	8 (~4 per project) (Lump-sum)	RIA	21.03.2024
Innovative space capabilities: SSA, GOVSATCOM, Quantum				
HORIZON-CL4-2024-SPACE-01-64: Quantum Space Gravimetry Phase-B study & Technology Maturation	6-7 Non-eligible	14.2 (~14 per project)	RIA	21.03.2024
Targeted and strategic actions supporting the EU space sector				
HORIZON-CL4-2024-SPACE-01-73: Space technologies for European non- dependence and competitiveness	5-8 Non-eligible	20.1 (2-3 per project) (Lump-sum)	RIA	21.03.2024

Topic	Expected TRL	Topic Budget [M€]	Action	Deadline [dd.mm.yyyy]
Indirectly managed actions delegated to EUSPA - Development of applications for Galileo, EGNOS and Copernicus				
2023 Call Call opening: 26.10.2023				
HORIZON-EUSPA-2023-SPACE-01-41: EGNSS - Transition toward a green, smart and more secure post-pandemic society	7-9	3.5 (1.5-2.5 per project)	IA	14.02.2024
HORIZON-EUSPA-2023-SPACE-01-42: EGNSS - Closing the gaps in mature, regulated and long lead markets	7-9	8 (1.5-2.5 per project)	IA	14.02.2024
HORIZON-EUSPA-2023-SPACE-01-43: Copernicus-based applications for businesses and policy-making	5-7	7 (1-2 per project)	RIA	14.02.2024
HORIZON-EUSPA-2023-SPACE-01-46: Designing space-based downstream applications with international partners	3-4 Eligibility	6 (0.8-1 per project) (Lump-sum)	RIA	14.02.2024
Indirectly managed actions delegated to EUSPA - Innovative space capabilities: SSA, GOVSATCOM, Quantum				
Call Opening: 26.10.2023				
HORIZON-EUSPA-2023-SPACE-01-61: EU GOVSATCOM for a safer and more secure EU	7-9 Non-eligible	10 (3-4 per project)	IA	14.02.2024
Other Actions Not Subject to Calls for Proposals				
Management and Coordination of the European partnership Globally Competitive Space Systems	- Eligibility (partnership)	1.5	-	-
HORIZON-CL4-2024-SSA-SST-MS: New & improved EUSST Missions and Services	6-7 Non-eligible	6	RIA	2024
HORIZON-CL4-2024-SSA-SST-AE: SST & STM system architecture and evolutions	6-7 Non-eligible	6	RIA	2024
HORIZON-CL4-2024-SSA-SST-SB: Space-based SST (mission, system and sensors network)	6-7 Non-eligible	10	RIA	2024
HORIZON-CL4-2024-SSA-SST-SP: SST Sensors and Processing	6-7 Non-eligible	27.5	IA 45% funding rate	2024
HORIZON-CL4-2024-SSA-SST-SD: SST Networking, Security & Data sharing	6-7 Non-eligible	7	RIA	2024

Topic	Expected TRL	Topic Budget [M€]	Action	Deadline [dd.mm.yyyy]
<u>SSA HE-NEO-01 - INCREASE NETWORKING OF MS ASSETS - PHYSICAL PROPERTIES OBSERVATIONS</u>	-	-	-	15.01.2024
Public procurement: EGNSS Evolution: Mission and Service-related R&D activities	- Eligibility (case by case)	5	<u>PCP</u>	-
Public procurement: Space conferences, outreach, studies and other activities	-	0.5	<u>PCP</u>	-
Indirectly managed actions delegated to ESA (European Space Agency)				
2023-2024-EGNSS Evolution: Technology and infrastructure-related R&D activities	- Eligibility (case by case)	86	-	-
2023-2024 Secure Connectivity/GOVSATCOM Space infrastructure: Development and Validation	- Eligibility (case by case)	48.6	-	-
2023-2024 Secure Connectivity/GOVSATCOM Upstream technology R&D activities	- Eligibility (case by case)	10	-	-
In Orbit Demonstration/Validation (IOD/IOV) service	-	26.1	-	-
Space Weather and Near-Earth Objects	-	5.7	-	-
Indirectly managed actions delegated to EUSPA (EU Agency for the Space Programme)				
2023-Innovation activities for improved EGNSS operation and service provision	- Eligibility (case by case)	5	-	-
Support European "New Space" entrepreneurship through CASSINI Space Entrepreneurship Initiative 2021-2027 – CASSINI Business Accelerator	-	8.5	<u>PCP</u>	-
Support European "New Space" entrepreneurship through CASSINI Space Entrepreneurship Initiative 2021-2027 – CASSINI Hackatons & Mentoring	-	4.8	<u>PCP</u>	-
Support European "New Space" entrepreneurship through CASSINI Space Entrepreneurship Initiative 2021-2027 – CASSINI myEUspace	-	1	<u>PCP</u>	-
Tender evaluation, project monitoring and audits (EGNSS/Copernicus downstream)	-	1	-	-