

European Space Partnership in HE: "European Partnership for Globally competitive Space Systems"

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Partnerships in Horizon Europe

- 25% of HE budget is implemented through partnerships
- > 49 partnerships are currently operating
- > 10 NEW partnerships suggested

| Cluster 1: Health | Cluster 4: Digital, industry and space | Cluster 5: Climate, energy and mobility | Cluster 6: Food, bioeconomy, natural resources, agriculture and environment | EIT: The European Institute of Innovation and Technology | European innovation ecosystems |
|---|--|---|---|--|--------------------------------------|
| Innovative Health Initiative | Key Digital Technologies | Clean Hydrogen | Circular Bio-based Europe | EIT InnoEnergy | Innovative SMEs |
| Global Health EDCTP3 | Smart Networks and Services | Clean Aviation | Biodiversa+ | Climate-KIC | |
| Transformation of Health Care Systems | High Performance Computing | Single European Sky ATM Research 3 | Blue Economy | EIT Digital | |
| Risk Assessment of Chemicals | European Metrology (Art. 185) | Europe's Rail | Water4All | EIT Food | |
| ERA for Health | Al-Data-Robotics | Connected, Cooperative and Automated Mobility | Animal Health and Welfare | EIT Health | |
| Rare Diseases | Photonics | Batteries | Accelerating Farming Systems Transitions | EIT Raw materials | |
| One-Health Antimicrobial Resistance | Made in Europe | Zero-emission Waterborne Transport | Agriculture of data | EIT Manufacturing | |
| Personalised Medicine | Clean Steel – Low- Carbon Steelmaking | Zero-emission Road Transport | Safe and Sustainable Food Systems | EIT Urban Mobility | Ţ. |
| Pandemic Preparedness | Processes4Planet | Built4People | | Cultural and Creative Sectors and Industries | |
| | Globally Competitive Space Systems | Clean Energy Transition | | CROSS-PILLARS | II and III |
| | | Driving Urban Transitions | | European Open Science Cloud | |

PILLAR III - Innovative Europe

PILLAR II - Global challenges & European industrial competitiveness

Space partnership in Cluster 4

- Institutionalised partnerships (Art 185/7, EIT KICs)
- Co-programmed
- Co-funded
- Not covered in the BMR 2022 due to a later start date



European Space Partnership – vision and objectives

The vision is to support the competitiveness of the European Space sector and reinforce EU capacity to access and use space.

The Space Partnership is a response to the objectives set by the **Space Strategy for Europe**.

The main objectives for **2030** are to contribute to:

- > capturing 50% of the global accessible telecom satellite market
- > becoming the worldwide leader for Earth observation systems
- reducing the cost/price of launch services by 50% by 2030
- > reaching a maturity of technology readiness level 6 in the fields of ecosystem for on-orbit operation
- > doubling the accessible new services in the space transportation market available to European industry



European Space Partnership – state of play

- > the partnership will be finally implemented as a *pilot initiative* in 2025 2027
- > reduced scope and budget of **EUR 100 million** (EC contribution from HE)
- > multi-annual roadmap under preparation
- > <u>Co-programmed partnership</u>: implementation through competitive calls (Cluster 4 Work Programme)
- > <u>S.P.A.C.E</u> aisbl almost officially established, still pending the approval of Belgium authorities
- > HE project to support activites of partnership (CSA grant agreement is ready for signature)
- > State Representative Group meeting is scheduled for 10th of June 2024



European Space Partnership – scope

- > Foster competitiveness of end-to-end systems and associated services (SatCom/EO)
- > New industrial processes and production tools
- > Launcher competitiveness but limited to Smart technologies
- > Fostering and enabling new commercial transportation tool



European Space Partnership: association and membership – how to be involved?

S.P.A.C.E. Association will be registered in Belgium, but all interested parties can contact the founding members of the partnership/association directly:













European Space Partnership: associations and membership



<u>Eurospace</u>: (industry representatives) Number of members: 77
 (2 from PL: GMV Innovating Solutions Sp.z o.o. & Thales Alenia
 Space Poland)

Contact: Jérémy Hallakoun jeremy.hallakoun@eurospace.org



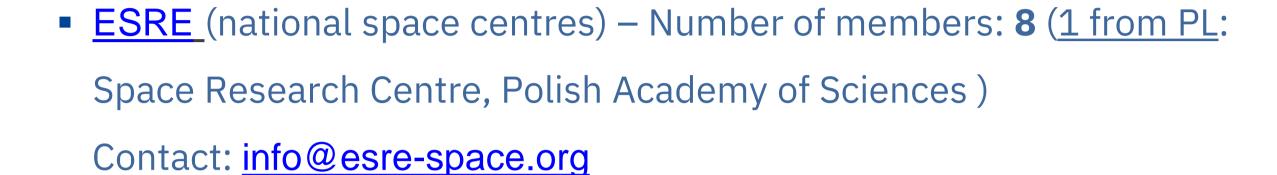
<u>EASN</u> - European Aeronautics Science Network, (research organization representatives) Number of members 39 (1 from PL: Warsaw University of Technology)

Contact: Athanasios Dafnis dafnis@sla.rwth-aachen.de



European Space Partnership: associations and membership







SME4Space (Small and Medium Enterprises) Number of members:
 64 (1 from PL: Polish Space Industry Association)
 Contact: chairman@sme4space.org



 <u>EASTRO</u> – new association based on EARTO Working Group Space (research and technology organizations)

https://www.earto.eu/working-group-public/wg-space-research/

Number of members: 15

Contact: Ana Maria Madrigal anamaria.madrigal@csem.ch



European Space Partnership – added value

- > a member of the partnership pays a membership fee
- > influence on defining call topics which will appear in the HE Work Programme
- > greater chance to become a partner of EC funded project
- > better recognition of the entity at the *European level*
- > participation in the meetings organized within the Partnership (only for members)
- > long-term cooperation with the *key space players* in Europe



Thank you for your kind attention!

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