

SPACE4GEO LSP

on Space Data, Services and Applications

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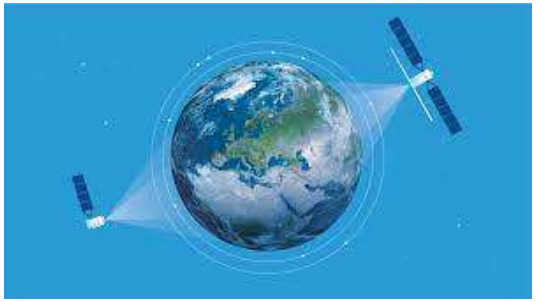
About SPACE4GEO

- **Large Scale Partnership on Space Data, Services and Applications – SPACE4GEO, with official launch on April 25th, 2023 under the pact for Skills**.

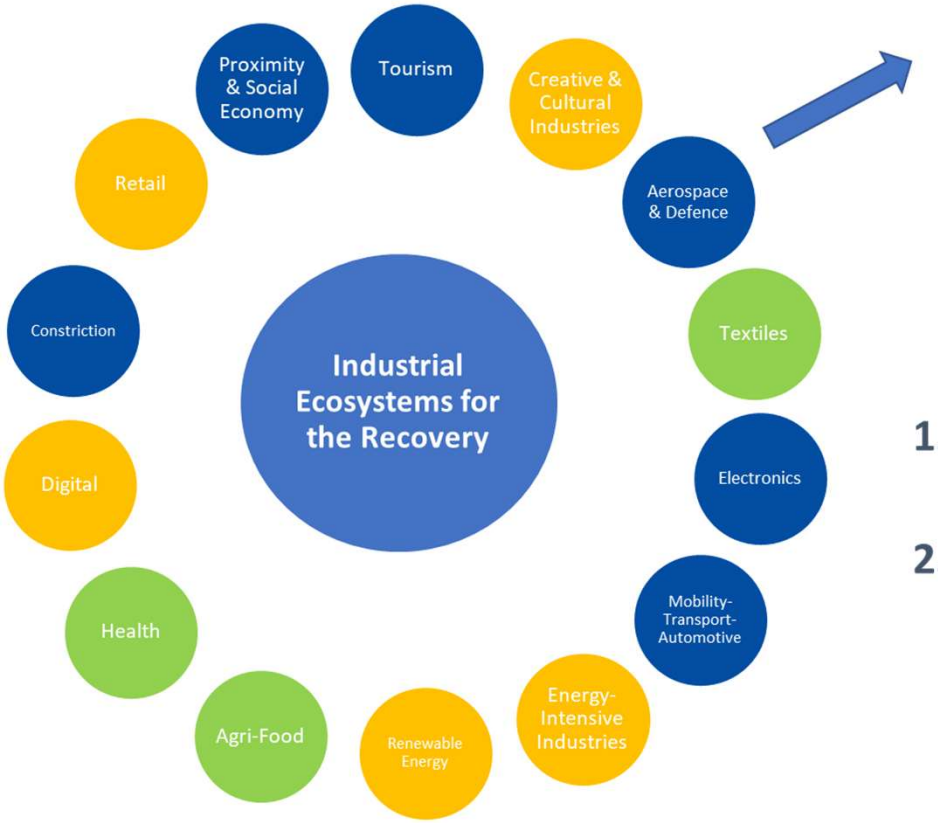


- Complementary with the existing LSP on Aerospace and Defence, the Digital LSP and those LSPs representing the other vertical sectors,
  - E.g. agriculture, automotive, tourism, health, insurance and finance, ...

- Embraces the full downstream ecosystem, including: Positioning, Navigation & Timing, satellite communications and, in general, all skills needed to implement current and future policies, i.e. EC Communication on Space Security and Defence, A Vision for the European Space Economy



Pact for Skills – 14 Ecosystems



Aerospace and Defence:

- Aircraft production;
- Space manufacturing and services;
- Defence products and technologies.

1. **Skills pact for Aerospace and Defence,** 10 November 2020
2. **SPACE4GEO – Large scale skills partnership on Space Data, Services and Applications** 25 April 2023

The Pact for Skills was confirmed under the Unin of Skills in 2025 and is now a fundamental operational axis for the upskilling and reskilling of workers in Europe

SPACE4GEO LSP

- Gender unbalanced workforce, an ageing society, as well the shortage of skills in the space downstream and geoinformation sector call for a **culture of lifelong learning**.
- In line with the EU core values and the key principle of the Charter of the Pact for Skills, the partnership pursues **equal and inclusive access to training** to activate more people for the space sector labour market, in particular women and young people.
- The LSP aims to **raise awareness and attract talent** to apply for jobs in a segment of the space economy which is recognised to have a strong growth potential for next decade(s).
- It currently has **70+ members** from 19 EU countries
  - Public Agencies, Academia, VET providers, companies, sectoral associations
  - Open to all key stakeholders in the sector (and beyond).

PARTNERS



Coordinator















































































Policy priorities requiring new skills

- Green transition (climate neutrality, sustainable development)
- Digital transition (enhancing competitiveness)
- EU's strategic autonomy in key sectors and resilience of critical value chains
- Uptake of space data services and applications
- Address emerging needs related to security and defence.
- Equal opportunity and inclusiveness

Specific commitments

- To monitor the occupational supply and demand to **identify the skills and competences required** and provide feedback on the evolving sector needs.
- To help and **guide candidate learners** in their skilling, upskilling and reskilling efforts, supporting them to access quality training.
- To facilitate and stimulate a more integrated and inclusive approach on **skills development across different value chains** (vertical sectors), at different levels, including local and regional level.
- To encourage **citizens' engagement**, citizens' science practices, recognizing the space & geoinformation applications' value in everyday aspects of life, and **attracting new talents** for emerging professions (also reaching out to primary and secondary schools)



Collaborations

- UNIVERSEH (participation in stakeholders consultation)
- ASTRAIOS (participation in the AB)
- Stars*EU (connection through key partners, sharing info on current educational offer)
- Digital LSP (reciprocal awareness raising and dissemination actions towards members)
- Other with key stakeholders (i.e. OGC Academia)

The commitment to collaborate with the EU Space Academy is stated in the Manifesto of the Partnership

Possibility to launch Regional Skills Partnerships (ex. RISE)

RISE

RISE - Regional Skills Partnerships for an Iberian-Based Ecosystem towards Upskilling/Reskilling in ASD (Aerospace and Defence)

10+ members, 2 countries (Portugal and Spain)

Aim: help reach the objectives established by other LSPs, namely ASD and SPACE4GEO

Covering downstream/services + other areas of the ecosystem in the Pact for Skills at regional level:

- Aircraft production
- Space manufacturing (upstream)
- Defence products and technologies

Collaboration at regional level

Examples of collaboration in regional ecosystems

#	Ecosystem	Coord. partner	Comments
❶	**Navarra (Spain)**	Tracasa (TG, TI)	• New multiplication action of the "Train-the-training" course • Navarre stakeholder meeting • Validation of the Digital Agriculture Course • Analysing multiplication action "Earth from Above"
❷	**Catalonia (Spain)**	IEEC	
❸	**Liguria (Italy)**	GISIG + TICASS	• Exploring collaboration with the regional aerospace and agricultural clusters • Round table with companies envisaged to identify training needs and contributions • Dissemination event planned for 16 December • Exploring replication of the Digital Agriculture Course and a possible Train-the-Trainer module • Assessing the integration of SpaceSUITE modules into a certified training portfolio
❹	**Flanders (Belgium)**	KU Leuven	• Event on space downstream sector (emerging skills & gaps) in November as part of the engagement with the local ecosystem (partnering with Leuven Space Initiative) • Exploring the replication of the Train-the-Trainer course - Communication with interested regional stakeholders to be resumed
❺	**Bayern (Germany)**	bavAIRia	
❻	**Piemonte (Italy)**	LINKS	• Internal meeting held to explore delivery of the Train-the-Trainer course • External engagement currently limited due to internal circumstances
❼	**Apulia (Italy)**	Planetek	
❽	**Zuid-Holland (NL)**	Dotspace	• Multiplication Action to be completed: Earth from Above (02/10/2026) • Proposal to prepare a portfolio of available and upcoming SpaceSUITE courses • Exploring hackathons requested by regional stakeholders as future multiplication opportunities
❾	**Bremen (Germany)**	Dotspace	• Meeting with the Bremen ecosystem planned during Space Tech Expo - Interest identified in Digital Twins and downstream applications • Exploring collaboration with Aviaspace Bremen on skills-related activities • Further ecosystem updates expected after November
❿	**Stalowa Wola/ Podkarpackie (Poland)**	UniJena/FDC	• Regional and national stakeholder event planned for 16–17 November 2026 - Earth from Above multiplication action scheduled for 17 November 2026 • Exploring replication of the Train-the-Trainer course with KU Leuven • Exploring an additional Earth from Above implementation during a CASSINI Hackathon • Assessing a Warsaw event in September 2027 as a future multiplication opportunity
⓫	**Portugal**	QSR	• Contacts established with Coimbra City Council to explore replication opportunities • Opportunity identified to connect SpaceSUITE with the funded Iberian Pact for Skills ecosystem
-	**Austria**		• The Innovation Lab project identified as the basis for a potential new Austrian ecosystem. The project expected to start in November 2026 - Potential collaboration with SpaceSUITE and replication of training results to be explored after project launch

Active Working Groups

- Space 4 development (internationalization), Chair AlsoSpace
- Space 4 Security and Defence, Chairs QSR and AUTh
- GeoSpace BoK, Chair AGILE Association

Flagship projects

- SpaceSUITE
- COMPLEMENTS
- ROOT

SpaceSUITE

SPACE downstream Skills development and User uptake through Innovative curricula in Training and Education

- ERASMUS+ Blueprint project **for the development of innovative resources (curricula and tools) for education and training to bridge the gap between the supply and demand of skills** in the ever growing downstream space sector.
- January 2024 – December 2027, under the auspices of the **ERASMUS+ Alliances for Sectoral Cooperation on Skills**.
- Integrating **29 partners**, including 3 affiliated entities, and 8 associated partners from Academia, VET providers, associations of governments, and representatives of industry companies.

SpaceSUITE Partnership

Partners



Associated Partners



SpaceSUITE

Specific objectives

- To develop a strategic approach to sectoral cooperation on skills by setting up a cooperative framework for stakeholders to collaborate effectively and to collect skills intelligence for the development feeding the skills strategy for the downstream aerospace sector's needs
- To create, maintain and use an innovative platform with tools to support the skills intelligence mechanism and curricula development
- To design core curricula for urgent and emerging occupational profiles
- To develop a rich portfolio of training materials that cater the requirements of the downstream aerospace sector
- To deliver the core curricula and training programmes
- To design a long-term action plan for the progressive roll-out of project results after the project life-time

COMPLEMENTS

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Empowering space data users

Cross-sectoral Skills Strategy for Security and Defence

Forward-looking project on cross sectoral collaboration on skills for security and defence among LSPs/RSPs in Aerospace & Defence, Automotive and Digital ecosystems

36 months – starting date: 01.03.2026

Three general objectives:

1) fostering cross-ecosystem cooperation,
2) developing a strategic skills action plan
3) designing modular, interdisciplinary vocational education and training (VET) experiences.

These are operationalized through seven specific objectives, including inclusive governance, harmonized skills intelligence, and flexible training pathways.

ROOT

space4geo
Empowering space data users

Resources for Orientation and Occupational Transition, Enhancing Career Guidance to Boost Adult Participation in Training

36 months – starting date: 01.02.2026

Forward-looking project aiming to enhance the accessibility and effectiveness of career guidance and counseling for adults at all knowledge levels, with a focus on employees, employers in micro, small, and medium-sized enterprises (SMEs), and career counselors.

ROOT will establish three Living Labs to pilot innovative, real-world approaches to career guidance and adult learning. These Labs will unite stakeholders from the quadruple helix —industry, academia, government, and civil society—to co-create solutions tailored to the downstream Earth Observation (EO) sector.

IPN INSTITUTO PEDRO NUNES

QSR Talent driven culture.

eupportunity european affairs consulting

EfVET European Forum of Technical and Vocational Education and Training

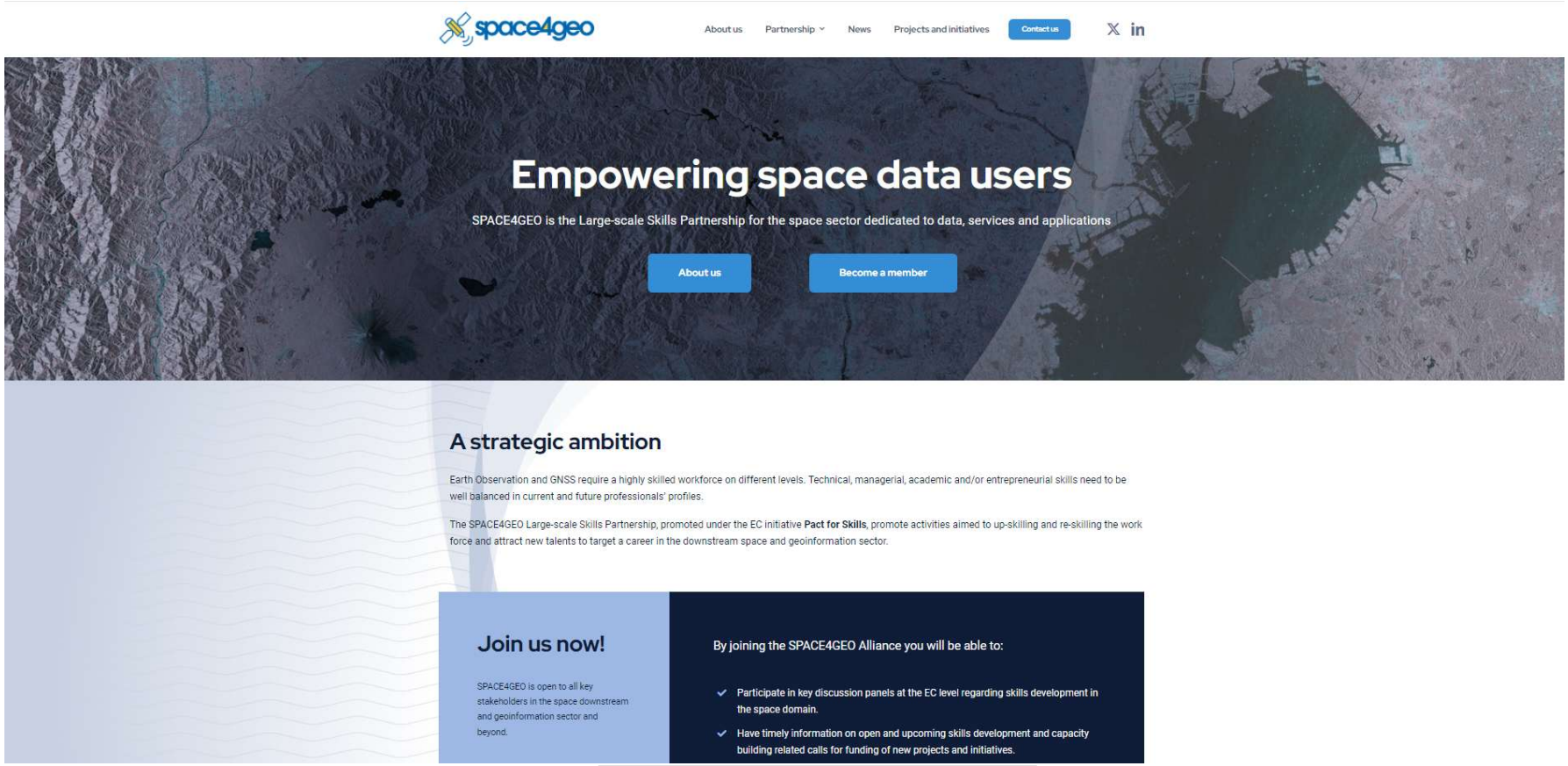
Groundstation OSPACE

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