

Phi-Lab Spain: Pioneering climate resilience

Phi-Lab Spain aims to drive **innovation** in the space sector by supporting disruptive projects and fostering the transfer of **space technologies** to address **climate resilience** and accelerate their **market application**.



Image "Earth from Space The Ebro Delta" contains modified Copernicus Sentinel data (2024), processed by ESA, licensed by ESA Standard Licence.

ESA Phi-Lab NET

Austria

Industrial innovation for the upstream domain

Switzerland

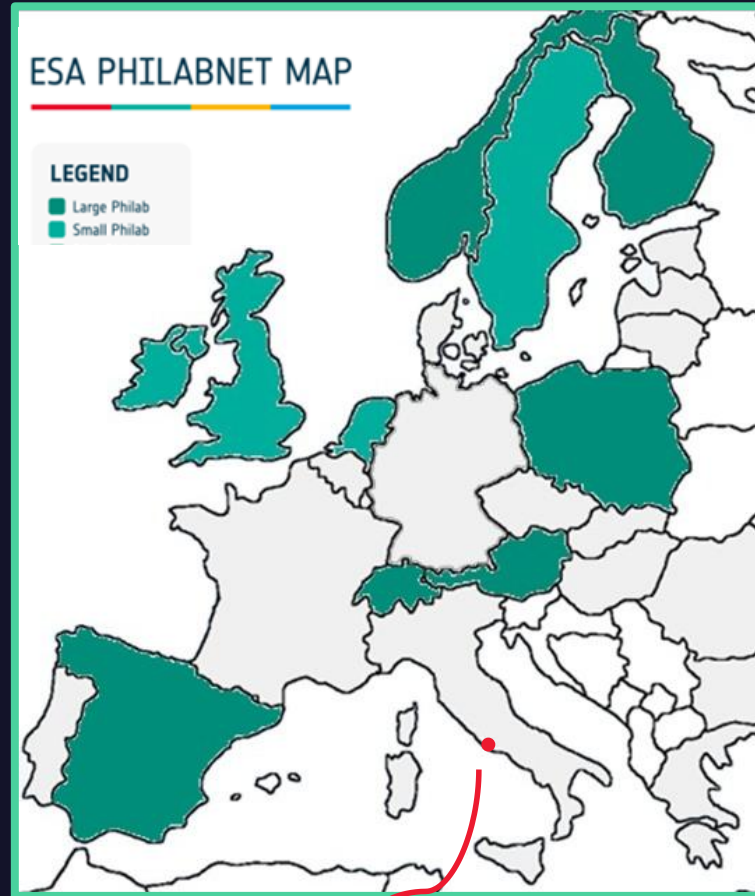
Deep tech innovation (quantum, data, materials)

Poland

Robotic and AI for autonomy

Ireland

Next generation space-optimised hardware



ESA Φ -lab
ESRIN, Italy

Norway

Arctic requirements and needs

Finland

Sensors & Geospatial Innovation

Spain

Space technologies and their application to boost climate resilience

UK

Space enabled sustainability technologies

Netherlands

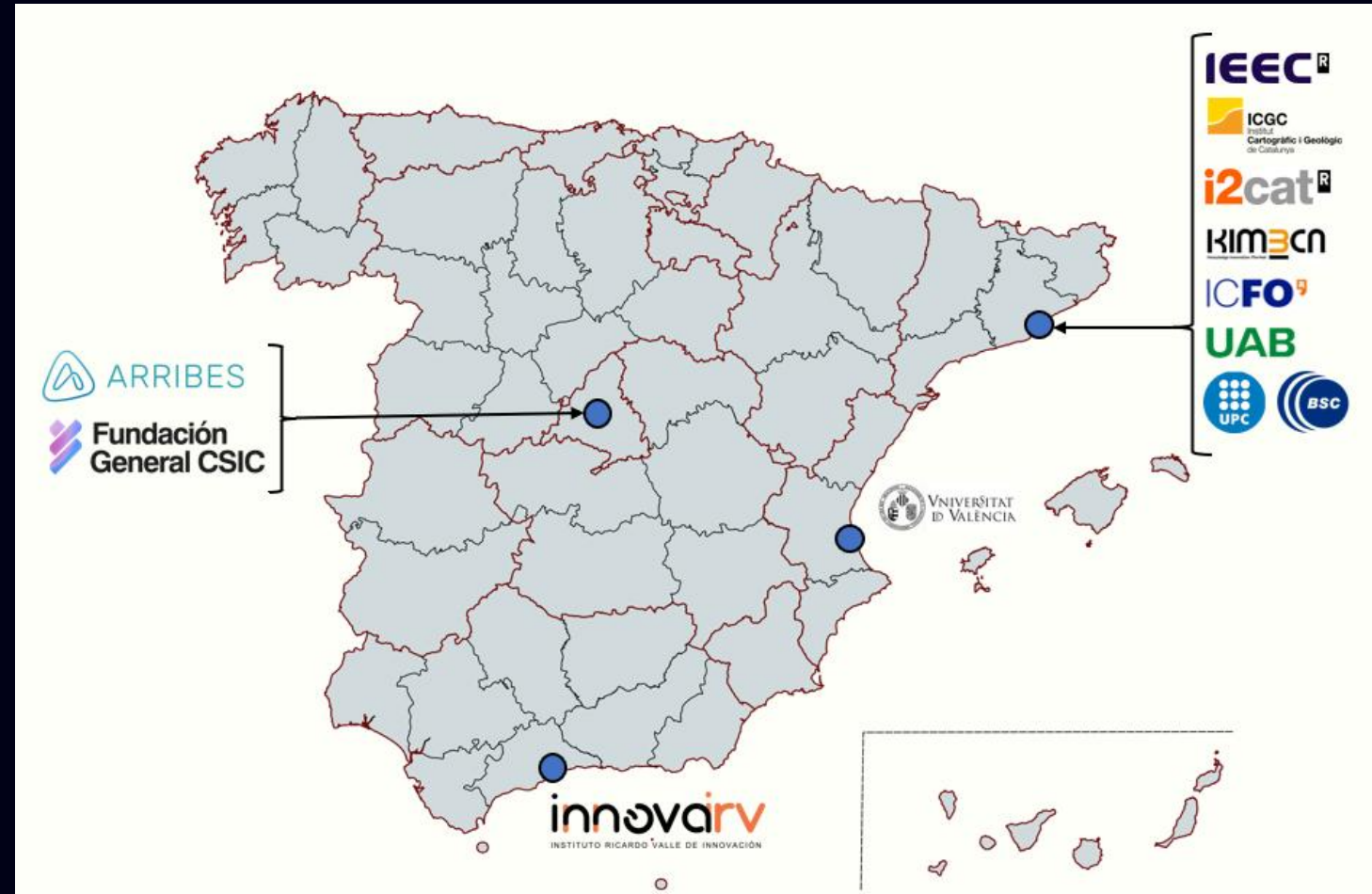
EO, critical PNT infrastructure, secure satellite communication

Sweden

AI and Edge Learning

Consortium and co-funding

- ❑ Main co-funding: Generalitat de Catalunya through the Space Strategy
- ❑ In-kind contributions from core partners.



Offering

SUPPORT AND COACHING

IP management, research mentoring & technical support and business coaching

ACCESS TO INFRASTRUCTURES

Space data, laboratories and other specialised facilities with expert advice.

KNOWLEDGE AND RESEARCH CAPABILITIES

Consortium with extensive R&D expertise across space industry nationwide.

NETWORK

Benefit from Phi-Lab network: partners, ESA Phi-Lab NET, ESA Brokers and ESA BICs.

FUNDING

Innovation seed funds for Economic Operators to research projects.

Funding opportunities

- **ESA funds** - open call to select research projects, evaluations distributed over the first 4 years
 - Total budget: **4.4 M€** for research projects over 6 years
 - Cut-off dates until 2028 (or until funds are exhausted)
 - Typical funding levels: 200.000€ - 400,000€
- **Local funds** (from the Space Strategy of Catalonia)
 - Use Cases: **150k€** for 3 uses cases
 - Payloads development: **900k€**
 - Access to NewSpace Lab: **115k€**
 - Support to industrial PhD: **30k€**

Funding - ESA Funds

- **Total budget:** €4.4 million for research projects over 6 years.
- **Cut-off dates until 2028.**
- **Funding per project:** €200,000 - €400,000.

Funding percentages by type of participant:

- SMEs: Up to 80% of costs.
- Universities/research institutions (non-commercial), as subcontractors:
 - 100% funding, limited to 30% of the total project budget.
 - For more than 30%: the additional amount would receive co-financing of up to 50%.
 - Institutions with commercial interests are subject to the rules for SMEs/non-SMEs.
- Large Enterprises/Other entities: Up to 50%.

Open Call documentation

Contents

- ESA Phi-Lab Spain Open Call Invitation To Tender
- ESA Phi-Lab Spain Draft Research Contract
- ESA Phi-Lab Spain Research Proposal Application Template and Cover Letter

Open call



Information, docs
& proposals
submission

Proposal Submission through the form available at the same address

- Proposal Application Cover Letter
- Proposal Application following the Template
- Identification Document of the legal representative of the Applicant Organization
- SME Identification document (Applicants identified as SME must include an official statement or proof confirming their SME status)

ESA Phi-Lab Spain

SpaceTech for Climate Resilience



esaphilabnet-spain@ieec.cat

LinkedIn: @ESA Phi-Lab Spain

More information at: <https://esaphilabnet-spain.ieec.cat/>



Image "Earth from Space The Ebro Delta" contains modified Copernicus Sentinel data (2024), processed by ESA, licensed by ESA Standard Licence.