→ WORKING WITH Φ-LAB
Help us accelerate the future of observing planet Earth
What can Earth Observation do for you? Find out about working with us

The Φ-lab exists to accelerate the adoption of disruptive technologies by Europe’s companies and researchers involved in measuring the Earth from space. We are a dynamic and fast-moving lab involved in cutting edge activities to strengthen European Earth Observation capability. If you work in industry or academia and want to work with, or understand more about, Earth observation, there are a number of ways you can work with us: either taking part in Φ-lab R&D Case Studies or applying for a funding scheme hosted by Φ-lab aimed at research and commercialization.

R&D Case Studies

The Φ-Lab research fellows define and conduct R&D case studies of 4-12 weeks on enabling and disruptive technologies, methodologies and techniques for Earth Observation, mainly involving AI. As an ESA or visiting fellow, you can propose case study topics, or ask to participate in an upcoming case study. Φ-Lab case study focus areas include:

- artificial intelligence / machine learning
- data mining
- big data management
- data fusion and data synergies
- data ecosystems

Participating in the Φ-lab's research

**ESA Φ-Lab Research Fellowships**

ESA's postdoctoral Research Fellowship offers scientists and engineers the possibility of two years in the lab to carry out research and Φ-Lab case studies related to earth observation. Consult current vacancies.

**ESA Φ-Lab Young Graduate Traineeships (YGT)**

ESA's YGT scheme is aimed at Master degree graduates to work with us for one year to gain valuable experience in cutting edge Earth observation activities. Consult current vacancies.

**Φ-Lab Visiting Fellowships (Industrial, Scientific and Research)**

Representatives from industry, or academia can apply to work with us on the Φ-Lab Case Studies programme. They get access to our computing resources and space facilities. Contact us for more information.

Funding for research and commercialization projects

**Research projects up to 150K Euros**

Submit a proposal through the Science for Society Open Call (permanently open). Funded topics include machine learning, cubesat data analysis, applying AI to Earth Observation.

**Commercialization projects**

Investing in Industrial Innovation (In3/InCubed) is a co-funded (ESA/Industry) programme aimed at supporting and scaling the European commercial Earth Observation sector. The focus is on propelling sustainable and innovative systems to maximize commercially viability. Send your proposal [here](#).

Contact us

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