

IGLO Digital Working Group: AI in Science – the EU perspective

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The most important initiatives on AI in Research



- The study that was presented focuses on mapping EU initiatives related to AI in research.
- The aim is to understand where the main entry points for engagement, resources and cooperation exist.
- The project also supports the Swedish government's objective to promote the use of AI in research.
- Around 70 EU initiatives related to AI were identified for the period 2015–2026.
- Most of these initiatives were launched around 2024–2025.
- Many of the initiatives are still in the build-up phase.
- The mapping identifies three main thematic areas: computing capacity, data access and skills.

EU Framework for AI in Research

- The main EU framework for AI includes the AI Continent Action Plan, the Apply AI Strategy and the AI in Science Strategy.
- Two key instruments are linked to the AI in Science agenda: RAISE and SCIANCE.
- These initiatives are intended to strengthen Europe's capacity to use and develop AI in science.

RAISE

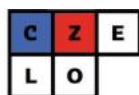
- RAISE stands for Resources for AI Science in Europe.
- RAISE will have a pilot-phase budget of EUR 107 million.
- It is designed as a virtual institute that will gather resources for researchers using and developing AI in science.
- RAISE will support networks that bring together leading researchers working with AI in specific scientific disciplines or developing AI capabilities.
- These networks are expected to become European hubs for cutting-edge expertise.
- The governance of RAISE reflects two dimensions: AI in Science under DG RTD and Science for AI under DG CNECT.
- The plan is to include AI Factories and industry actors in the broader RAISE ecosystem.
- RAISE calls have been identified in the draft Horizon Europe work programmes for 2026–2027, although the revised work programme has not yet been published.

High-Level Academic Advisory Board

- A high-level academic advisory board will oversee the RAISE research agenda.
- The board should consist of 15 selected academics.
- Nominations are expected to open in Q2–Q3 2026.

SCIANCE

- SCIANCE is a consortium project that supports the development of the RAISE institute.
- The project is expected to run for three years, from 2025 to 2028.
- SCIANCE has a budget of EUR 3 million and is financed by Horizon Europe.
- The project is led by the European Science Foundation.
- AI in Science working groups are part of the SCIANCE structure.



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