

HORIZON-RAISE-2026-01-01: Thematic Networks of Excellence for AI in Science (RAISE pilot) (RIA)

Expected outcomes

- Scientific progress with the help of AI, addressing strategic scientific challenges in the thematic area of material science;
- Pilot a network of excellent labs in the selected thematic area to pool talent and expertise as part of RAISE, operating as a virtual institute across Europe;
- Establish a model of cooperation among these labs and support the development of a strategic research agenda for the application of AI in scientific research in the selected thematic domain
- Reinforce the European AI in science community, attract top-notch talent and spread excellence in AI in science;
- Develop synergies with the “Science for AI” Network of Excellence RAISE pilot call.
- **Is there anything we do NOT want?**
- Material science experts should be leading, not computer scientific AI specialists

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Topic evolution ... and links to other topics

- Foundation Models call (WP25 CL4)
- RAISE Network of Excellence "Science for AI" (WP26 CL4)
- RAISE Network of Excellence "Environmental Pollution" (WP26 Horizontal Actions)

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Which existing projects are relevant?

CSA "Facilitated cooperation for AI in Science"
(WP25 CL4): "SCIANCE"

Which types of stakeholders are mainly addressed?

Material science scientific community

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Are there additional background documents or other relevant information?

- European AI in Science Strategy & Apply AI Strategy
- AI Act, Data Union Strategy

What are relevant upcoming events?

NA

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Are there any future trends / emerging initiatives that proposers should be aware of?

NA

Are there plans for follow-up funding?

Not at present.

HORIZON-RAISE-2026-01-03: RAISE Doctoral Networks for AI in Science (RAISE pilot)

Expected outcomes

For supported doctoral candidates:

- New research and transferable skills and competences in the application of AI in science, leading to improved employability and career prospects within and outside academia;
- New knowledge allowing the conversion of ideas into products and services, where relevant;
- Enhanced networking and communication capacities with scientific peers, as well as with the general public that will increase and broaden the research and innovation impact.

HORIZON-RAISE-2026-01-03: RAISE Doctoral Networks for AI in Science (RAISE pilot)

Expected outcomes

For participating organisations:

- Improved quality, relevance and sustainability of doctoral training programmes and supervision arrangements;
- Enhanced cooperation and transfer of knowledge between sectors and disciplines;
- Increased integration of training and research activities between participating organisations;
- Boosted R&I capacity and uptake of AI in science;
- Increased internationalisation and attractiveness;
- Regular feedback of research results into teaching and education at participating organisations.

HORIZON-RAISE-2026-01-03: RAISE Doctoral Networks for AI in Science (RAISE pilot)

Is there anything we do NOT want?

No

Topic evolution

NA

... and links to other topics

- RAISE Network of Excellence “Science for AI” (WP26 CL4)
- RAISE Network of Excellence “Material Science” (WP26 HA)
- RAISE Network of Excellence “Environmental Pollution” (WP26 HA)

HORIZON-RAISE-2026-01-03: RAISE Doctoral Networks for AI in Science (RAISE pilot)

Which existing projects are relevant?

CSA “Facilitated cooperation for AI in Science” (WP25 CL4):
“SCIANCE”

Which types of stakeholders are mainly addressed?

Domain scientists applying advanced AI technologies in their domain-specific research

HORIZON-RAISE-2026-01-03: RAISE Doctoral Networks for AI in Science (RAISE pilot)

Are there additional background documents or other relevant information?

- European AI in Science Strategy & Apply AI Strategy
- AI Act, Data Union Strategy

What are relevant upcoming events?

NA

HORIZON-RAISE-2026-01-03: RAISE Doctoral Networks for AI in Science (RAISE pilot)

Are there any future trends / emerging initiatives that proposers should be aware of?

NA

Are there plans for follow-up funding?

Not at present