

# Commission launches Apply AI and AI in Science strategies with about €1bn

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Around the world, countries are racing to harness the potential of Artificial Intelligence (AI). Today, the European Commission set out two strategies to ensure Europe stays ahead, driving adoption in key industries and putting Europe at the forefront of AI-driven science. The **Apply AI Strategy** sets out how to speed up the use of AI in Europe's key industries and the public sector. The **AI in Science Strategy** focuses on putting Europe at the forefront of AI-driven research and scientific excellence.

Ursula von der **Leyen**, President of the European Commission, said: "I want the future of AI to be made in Europe. Because when AI is used, we can find smarter, faster, and more affordable solutions. AI adoption needs to be widespread, and with these strategies, we will help speed up the process. Putting AI first also means putting safety first. We will drive this 'AI first' mindset across all our key sectors, from robotics to healthcare, energy and automotive."

AI is transforming how businesses operate, reshaping public services, and revolutionising science. With these strategies, the Commission is delivering on its AI Continent Action Plan, setting a course to make Europe a global leader in trustworthy AI. Just six years ago Europe had two supercomputers in the global top 10; today it has four and work is ongoing to set up at least 4 to 5 gigafactories. Building on its strong AI infrastructure, as well as Europe's talent, vibrant research and innovation ecosystem and startups, its tradition of collaborative science, high-quality data and world-class research and technology infrastructures, the EU is well positioned to accelerate the use of AI in key sectors and science.

## **Apply AI Strategy**

The Apply AI Strategy **aims to harness AI's transformative potential by driving adoption of AI across strategic and public sectors including healthcare, pharmaceuticals, energy, mobility, manufacturing, construction, agri-food, defence, communications and culture. It will also support small and medium-sized enterprises (SMEs) with their specific needs and help Industries integrate AI into their operations.**

Concrete measures include establishing AI-powered advanced screening centres for healthcare and supporting the development of frontier models and agentic AI tailored to sectors such as manufacturing, environment and pharmaceuticals.

To boost AI adoption and support these measures, the Commission is mobilising **around €1 billion**. In the future, new initiatives in areas like finance, tourism, and e-commerce could complement these sectors.

The strategy will help boost EU capabilities to unlock societal benefits, from enabling more accurate healthcare diagnoses to enhancing the efficiency and accessibility of public services. It encourages an **AI first policy**, so more companies consider **AI as a part of the solution** to tackle challenges, while taking into careful consideration the benefits and the risks of the technology.

The strategy also addresses cross-cutting challenges: accelerating time-to-market by linking infrastructure, data, and testing facilities; strengthening the EU workforce to be AI ready across sectors; and launching a **Frontier AI initiative** to support innovation by bringing together Europe's leading AI actors. The renewal and deployment of the network of **European Digital Innovation Hubs**, transformed into **Experience Centres for AI**, will give companies privileged access to the EU AI innovation ecosystem.

To coordinate action, the Commission is launching the **Apply AI Alliance**, a forum bringing together industry, the public sector, academia, social partners and civil society. An **AI Observatory** will monitor AI trends and assess sectorial impacts.

In parallel, the Commission has launched the **AI Act Service Desk** to help ensure smooth implementation of

the AI Act.

## **\*\*AI in Science Strategy\*\***

Alongside Apply AI, the AI in Science Strategy positions the EU as a hub for **\*\*AI-driven scientific innovation\*\***. At its centre is **\*\*RAISE - the Resource for AI Science in Europe\*\***, a virtual European institute to pool and coordinate AI resources for developing AI and applying it in science.

Strategic actions include:

\* **\*\*Excellence and talent\*\*** measures to attract global scientific talent and highly-skilled professionals to 'Choose Europe'. This includes **\*\*€58 million\*\*** under the RAISE pilot for Networks of Excellence and Doctoral Networks to train, retain and attract the best AI and scientific talent. \* **\*\*Compute\*\***: **\*\*€600 million\*\*** from Horizon Europe to enhance and expand access to computational power for science. This investment will secure dedicated access to AI Gigafactories for EU researchers and startups. \* **\*\*Research funding\*\***: aims for doubling Horizon Europe's annual investments in AI to over **\*\*€3 billion\*\***, including doubling funding for AI in science. \* **\*\*Data\*\***: support for scientists to identify strategic data gaps and gather, curate and integrate the datasets needed for AI in science.

The Commission's Joint Research Centre is contributing to both strategies, producing technical assessments, sectoral studies, and a new report on AI's impact on science and research practices.

## **\*\*Next Steps\*\***

To harness the full potential of AI, Europe must ensure seamless access to high-quality, structured data. The Commission will present a Data Union Strategy at the end of October to better align data policies with the needs of businesses, the public sector and society.

The upcoming AI in Science Summit (Copenhagen, 3-4 November 2025), co-organised by the Commission and the Danish Presidency, will bring together policymakers, researchers and industry. It will present and launch initiatives under the AI in science Strategy, including the RAISE pilot and a private sector pledging campaign.

## **\*\*Background\*\***

In April 2025, the Commission launched the AI Continent Action Plan, setting a path for Europe to become a global leader in AI. The Apply AI and the AI in Science strategies are the next step in delivering this ambition.

## **\*\*For More Information\*\***

Apply AI Strategy

AI in Science Strategy

Statement by Commissioner Zaharieva on the AI in Science strategy

Factsheets: Apply AI, AI in Science and AI@EC

Questions and answers: Apply AI and AI in Science

Joint Research Centre Report on AI in science

ResearchComp: The European Competence Framework for Researchers - European Commission

\_ \*Updated on 08/10/2025 at 12:21 CEST\_

## **## Quote(s)**

> I want the future of AI to be made in Europe. Because when AI is used, we can find smarter, faster, and more affordable solutions. AI adoption needs to be widespread, and with these strategies, we will help speed up the process. Putting AI first also means putting safety first. We will drive this 'AI first' mindset across all our key sectors, from robotics to healthcare, energy and automotive.

> Europe is well positioned to become an AI continent. With the Apply AI Strategy, we will help our companies and key sectors, from manufacturing to healthcare and the public sector, use AI to deliver real benefits for EU citizens, reinforce our competitiveness, and strengthen our technological sovereignty.

> With the AI in Science Strategy, Europe is taking a decisive step to stay at the cutting edge. We will give our researchers, startups and SMEs the tools to turn ideas into breakthroughs, driving competitiveness and moving

faster from lab to market. RAISE will be the catalyst, pooling resources, mobilising investments, and attracting top talent from across Europe and beyond.