

THE FRENCH NATIONAL ARTIFICIAL INTELLIGENCE RESEARCH PROGRAM

AI for Humanity: the French AI strategy

On the closing day of “AI for Humanity” debate (→ [aiforhumanity](#)), held in Paris on March 29, 2018, the President of the French Republic presented an ambitious strategy for Artificial Intelligence (AI) and launched the National AI Strategy (→ [SNIA](#)).

The priorities set out are:
research, open data, and ethical or societal issues.

This National AI Strategy, with a budget of public funds of 1.5 billion euros for five years (2018-2022), gathers three approaches:

- 1** **Achieving best-in-class level of research for AI, through training and attracting best global talent in the field;**
- 2** **Disseminating AI to the economy and society through startups, public-private partnerships, and data sharing;**
- 3** **Establishing an ethical framework for AI.**

Inria coordinates the national AI research program

Inria is leading this mission in cooperation with the national research institutions in digital sciences and technologies, and in contact with the stakeholders involved in the AI ecosystem.

Priorities of the National AI Research Program:

- ▶ **Promote** attractiveness and talent support programs;
- ▶ **Develop** AI training at all levels (initial training, continual education, and top-notch training at Master and Doctorate levels);
- ▶ **Expand** State-of-the-art digital infrastructures;
- ▶ **Support** research in AI through dedicated calls, operated by the French National Research Agency (ANR);
- ▶ **Strengthen** and foster joint collaborative strategies at European and international levels, and
- ▶ **Boost** private-public partnerships and increase the impact of research in AI.

Diffusion of AI knowledge to the economy will be achieved through the development of numerical infrastructures for Data Interoperability, Data Wrangling, and Data processing through AI technologies (such as scikit-learn). Their availability will be facilitated primarily for SMEs and intermediate-sized companies.

Vision and goals of the national AI research program

Objectives of the National AI Research Program (→ [Program](#)):

- ▶ To sustainably establish France as one of the world's top 5 countries in AI.
- ▶ To make France a European leader in research in AI.

45% of the National AI Strategy dedicated budget is devoted to this Research Program.

“Public research in digital technology has a responsibility to participate in the construction of a responsible and controlled AI and to nourish the public and citizen debate on these subjects, beyond circles of experts; it is one of the challenges of the AI plan, to place the human at the center.”

Bruno Sportisse,
CEO of Inria

The Paris Centre of Expertise of the Global Partnership on Artificial Intelligence

Inria operates the Paris Centre of Expertise (Paris CofE) of the Global Partnership on AI (<https://gpai.ai/>). Launched in June 2020, GPAI is the fruition of an idea developed within the G7, under the Canadian and French presidencies.

The Paris CofE supports the working groups on the “Future of work” and “Innovation and commercialization”. It provides the working groups with scientific, technical, and logistical support, in close collaboration **with the Centre of Expertise in Montreal (CEIMIA) and the GPAI Secretariat at the OECD.** The Paris CofE prepares meetings, conducts studies, and produces reports for the working groups' experts. The Paris CofE organizes the GPAI summit every other year and the plenary of the multi-stakeholder experts group. It also provides support to the GPAI governance bodies, namely the Council of Ministers of the member states and the Steering Committee.

Within the framework of the Paris CofE, Inria has also proposed the creation of a “Do Tank”, for conducting experimentation from the work of the experts. In a first phase, the “Do Tank” will be devoted to the working group on the “Future of Work”.

Contact us by using the information below

Inria | Domaine de Voluceau Rocquencourt
B.P. 105 78153 Le Chesnay Cedex - France

CONTACT US

pnria-contact@inria.fr

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