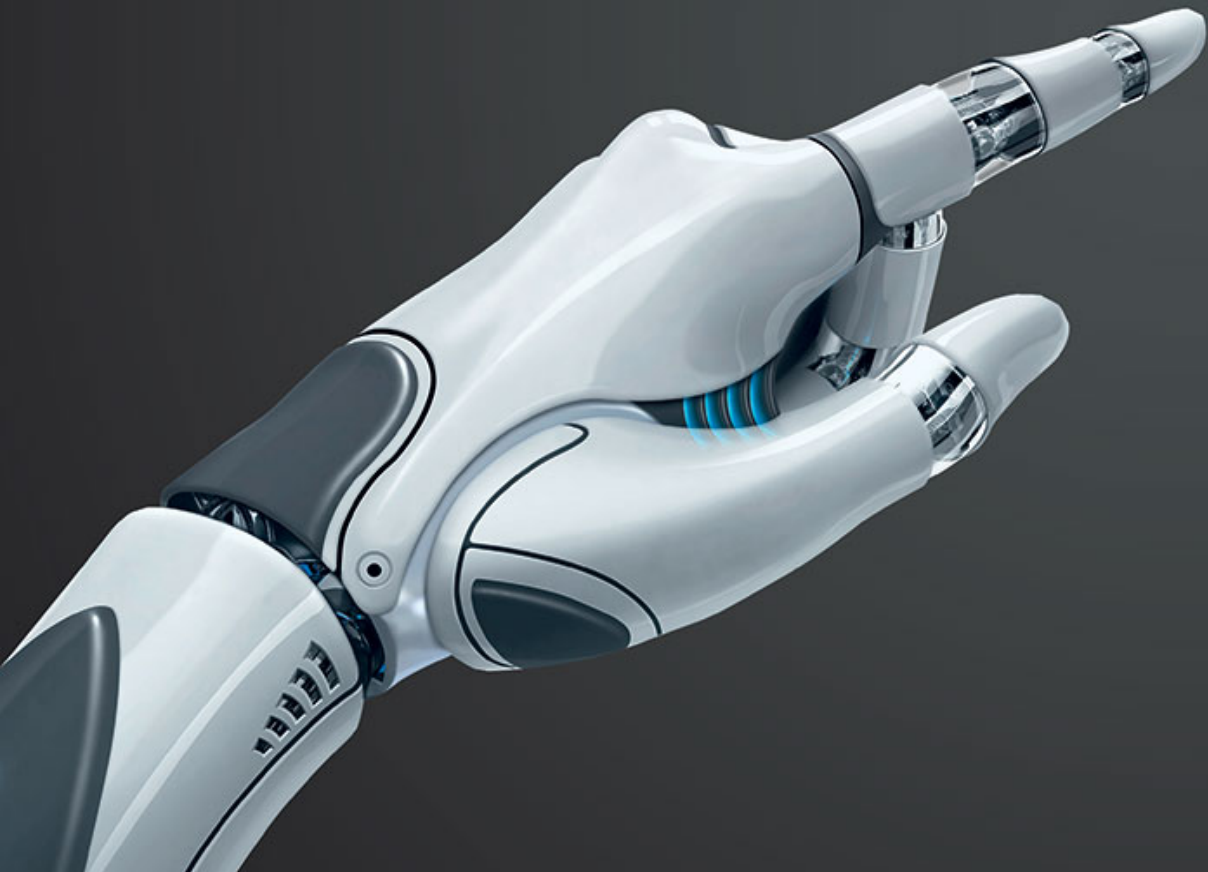


ANITI

ARTIFICIAL & NATURAL INTELLIGENCE
TOULOUSE INSTITUTE



**FRENCH
INTERDISCIPLINARY
ARTIFICIAL INTELLIGENCE
INSTITUTE TOULOUSE**
NEW MAJOR HUB FOR
ARTIFICIAL INTELLIGENCE



ANITI PRESENTATION

► **Our ambition:**

To develop a new generation of artificial intelligence called hybrid AI

► **Strategic application sectors targeted:**

Mobility and transportation

Robotic/cobotics for the industry of the future



TARGET BUDGET

OVER FOUR YEARS

100 M€ (academia, industry, PIA3 investment programme, institutions)

Including:

24 M€ from the Occitanie region

4 M€ from Toulouse Métropole

ANITI PRESENTATION



UNIVERSITÉ FÉDÉRALE TOULOUSE MIDI-PYRÉNÉES

100,000+ students
Universities in **10** cities
31 universities, schools & research entities
1,000+ training courses: BA/M/PhDs
145 research laboratories and entities
5th largest concentration in France
of ERC researchers



TOULOUSE AND ITS REGION

2nd largest concentration of researchers in France
with **6,800** public sector researchers
2nd largest creator of startups in France
(INSEE, 2018)

SCIENTIFIC PROJECT

The scientific project is structured around three integrative programs (IPs), which will develop innovative solutions to address challenges raised by our application domains using theoretical advances in core AI scientific areas.

► **IP1:**

Acceptability, Fair representative data for AI
8 chairs

► **IP2:**

Certifiable AI toward autonomous critical Systems
6 chairs

► **IP3:**

Assistants for design, decision, and optimized Industry processes
8 chairs



2 strategic application sectors targeted
> *mobility and transportation*
> *robotics/cobotics for the industry of the future*

200+ researchers

3 integrative programs

21 research chairs

EDUCATION AND TRAINING PROGRAM

Our ambition is to become a world leader in hybrid AI education and to double the number of students trained in AI by 2023.

HIGH-SCHOOL

- New doctoral program on Hybrid AI
- Research oriented program from 1st year on (acad/indus. projects)
- Interdisciplinarity (cognitive science, Ethics, Law, Economics, humanities)

BA

- Increase the flow of students in existing AI programs
- Create new BA programs- « Advanced AI» (Maths, CS)
- Include AI modules throughout BA programs

GRADUATE SCHOOL MA / PHD

- Raise AI awareness especially among HS girls

EDUCATION AND TRAINING PROGRAM

CONTINUING EDUCATION

The project will also address the lack and urgent need in industry for AI qualified personnel, by developing apprenticeship programs and devoting significant effort to continuing education.

A single portal entry for continuing education for the Toulouse site will be offered, with programs tailored to different levels and different needs.

TARGETS

Managers & marketing teams

Engineers, Developers

Consulting team

Data scientists

EDUCATION AND TRAINING PROGRAM

AI SCIENTIFIC CULTURE DISSEMINATION

Several actions to disseminate AI scientific culture will be planned, drawing on local strengths.



ECONOMIC DEVELOPMENT PROJECT

► **Rapid dissemination of new technological possibilities to ANITI partners via Ips**

► **Start-up creation**

- Via ANITI's Innovation and Business Committee
- Up to 1 M€/year dedicated by Toulouse Tech Transfer (early stage funding)
- Pre-incubation and incubation management in liaison with innovation clusters (e.r., Aerospace Valley) public and private incubators



ECONOMIC DEVELOPMENT PROJECT

+50 PARTNERS



ECONOMIC DEVELOPMENT PROJECT

JOIN US!

To become a partner and member
of the institute, contact:

aniti@aerospace-valley.com

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