Multidisciplinary Institute in Artificial Intelligence

Project led by

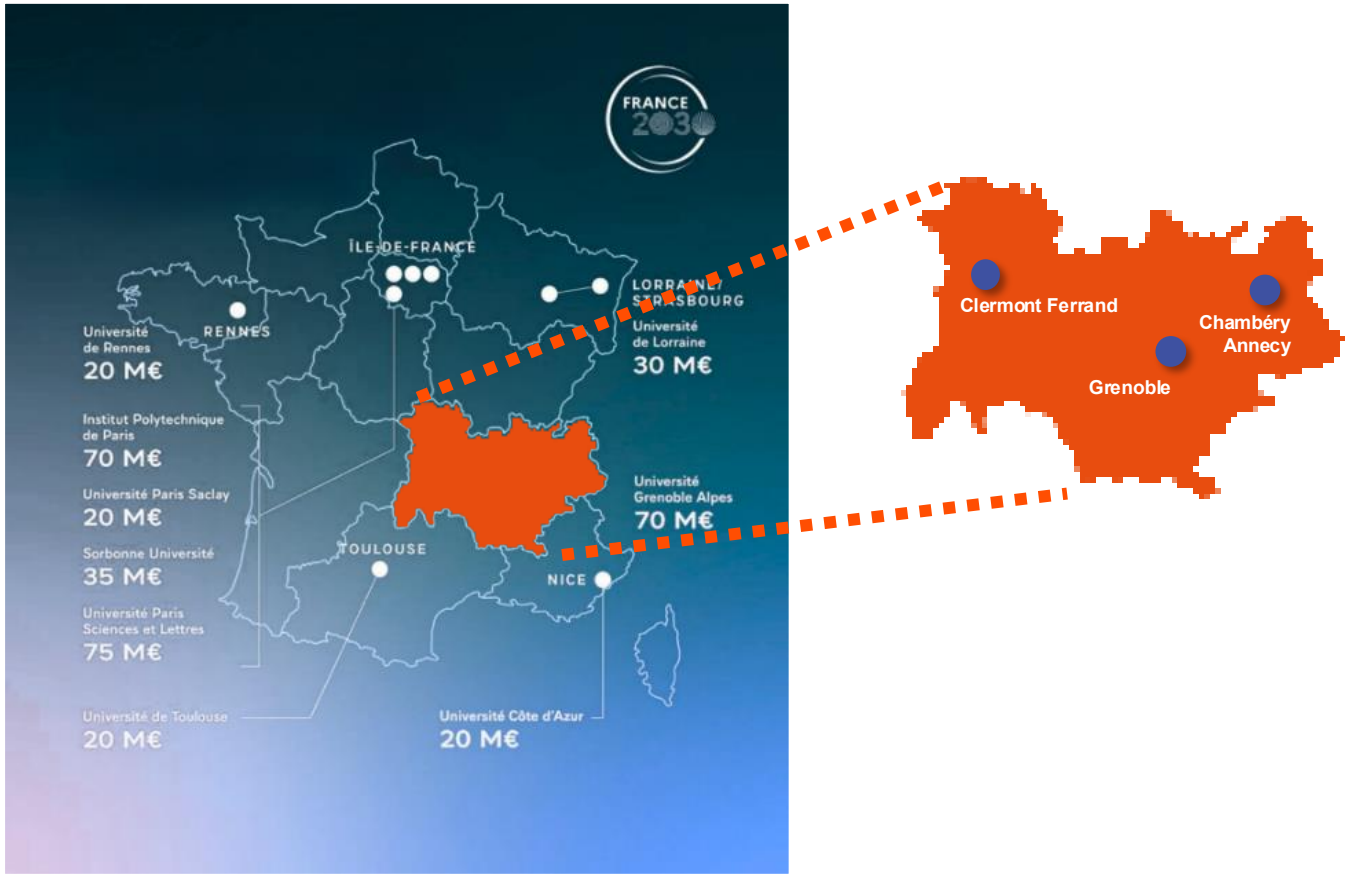
Université Grenoble Alpes

Funded by

FRANCE 2030

From MIAI to MIAI Cluster

MIAI is a research institute dedicated to generative, traditional and embedded AI, sustainable and explainable, for humans and environment.



2019 MIAI is one of the 4 initial interdisciplinary institutes in AI with 3IA Côte d'Azur (Nice), Aniti (Toulouse) and Prairie (Paris)

2022 The 4 3IA join forces to creat EFELIA (France 2030 CMA)

2024 MIAI becomes a worldwide AI cluster together with 8 other national AI clusters

Partners

Funded by France 2030

Academics

UGA Université Grenoble Alpes · UCA Université Clermont Auvergne · Université Savoie Mont Blanc · cea · cnrs · Inria · Inserm · Grenoble INP UGA · CHU Grenoble Alpes · GEM Alpine Business School · Sciences Po Grenoble UGA · ENSAG UGA

Innovation

FLORALIS UGA FILIALE · PÉPITE OZER Entrepreneuriat étudiant · Grenoble INP Entreprise · Fondation Grenoble INP · SATT Réseau Les Sociétés d'Accélération du Transfert de Technologies · Minalogic Auvergne-Rhône-Alpes · Institut Carnot LSI · Institut Carnot Inria · Inria StartupStudio · Fondation Université Grenoble Alpes · Linksium · La Région Auvergne-Rhône-Alpes · Institut Carnot M.I.N.E.S · Institut Carnot Énergies du Futur

100+ industrials

life.augmented · Schneider Electric · Hewlett Packard Enterprise · Atos · Naver Labs Europe · Google · Meta

MIAI Cluster IA

Objectifs

- Reseach
- Innovation
- Education
- Promotion

Key figures

250 M€
over 10 years

600 IA researchers
100+ laboratories

111 000 students
7 100 → 15 000
IA trained / year

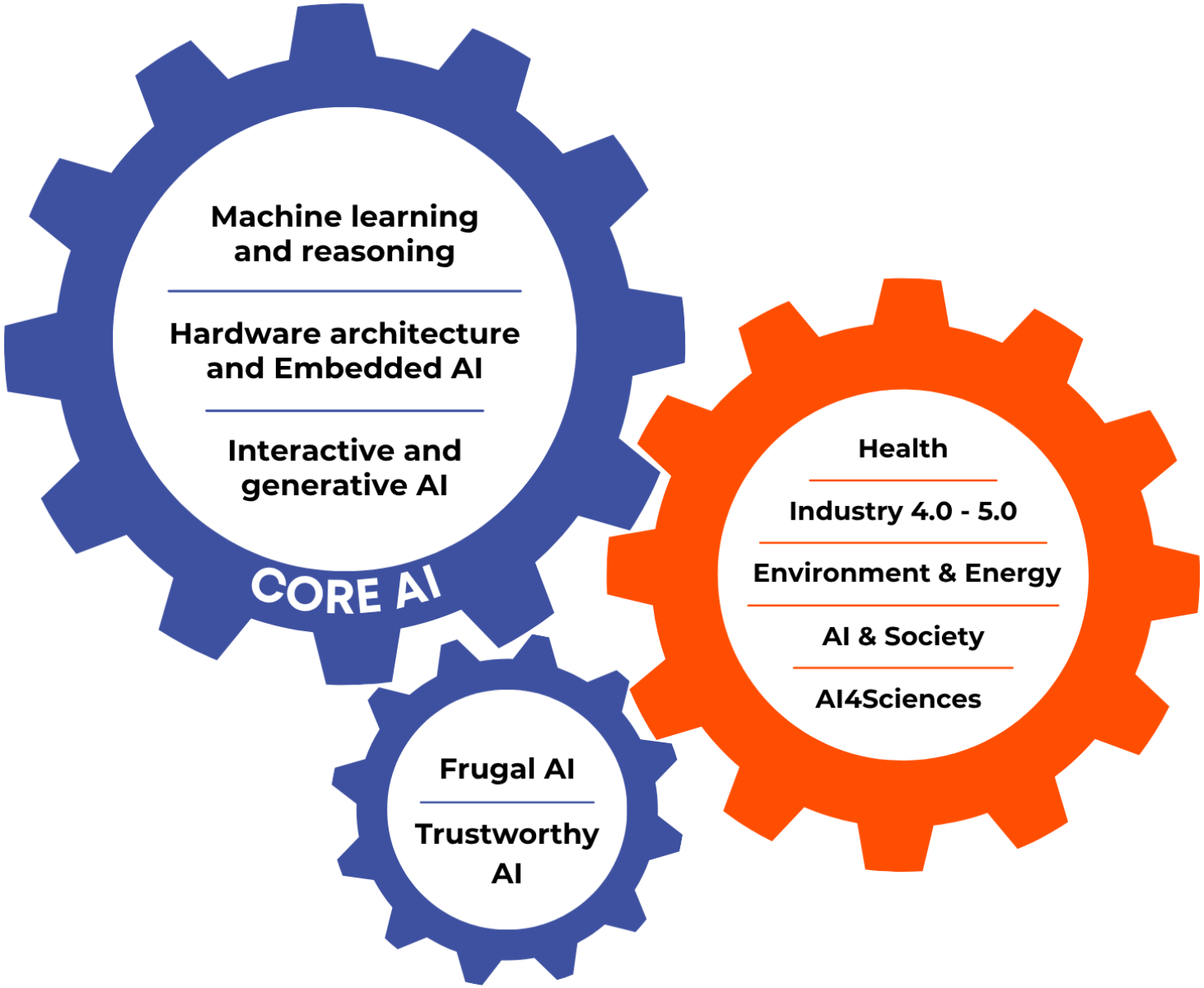
1 850+ publications
18 international awards

100+
industrial partners

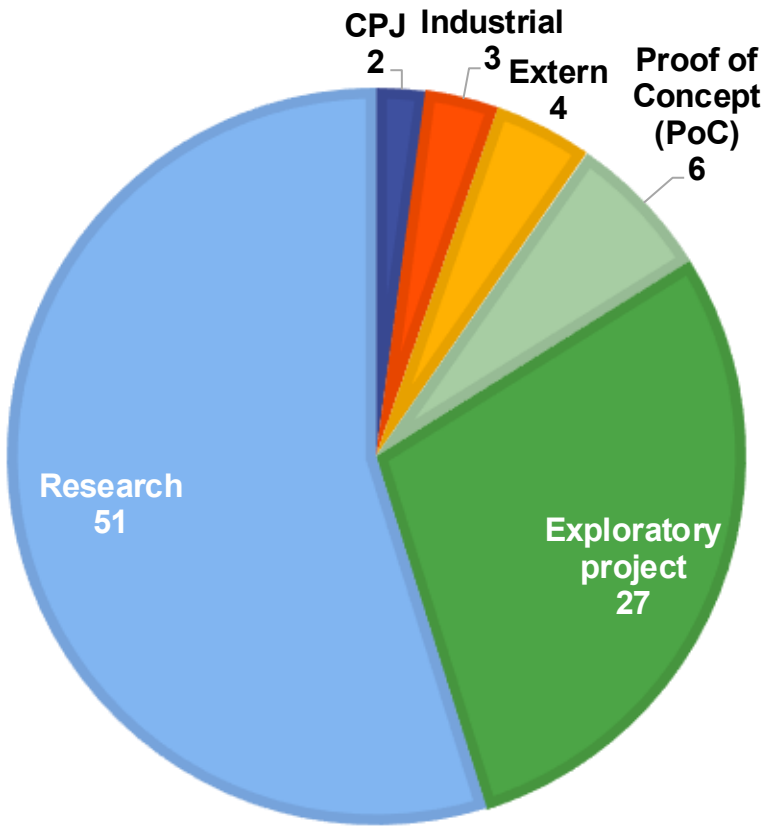
24 certified startups

MIAI Cluster IA

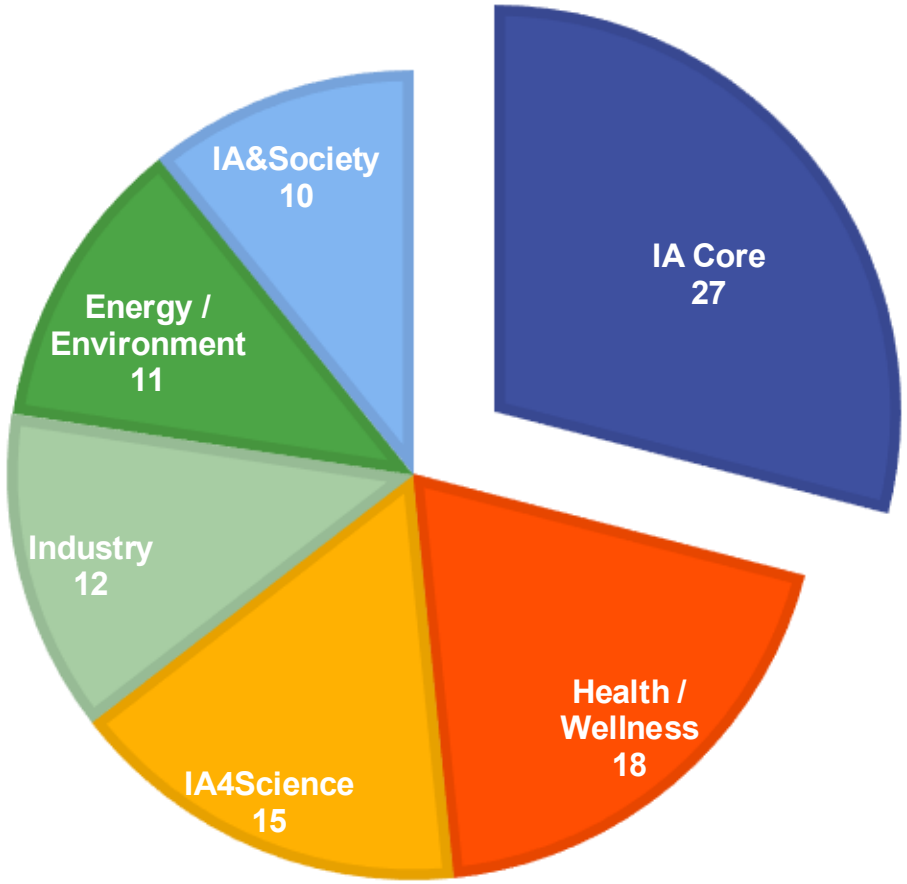
Research programs



Cluster MIAI support programs distribution



TYPES OF CHAIRS



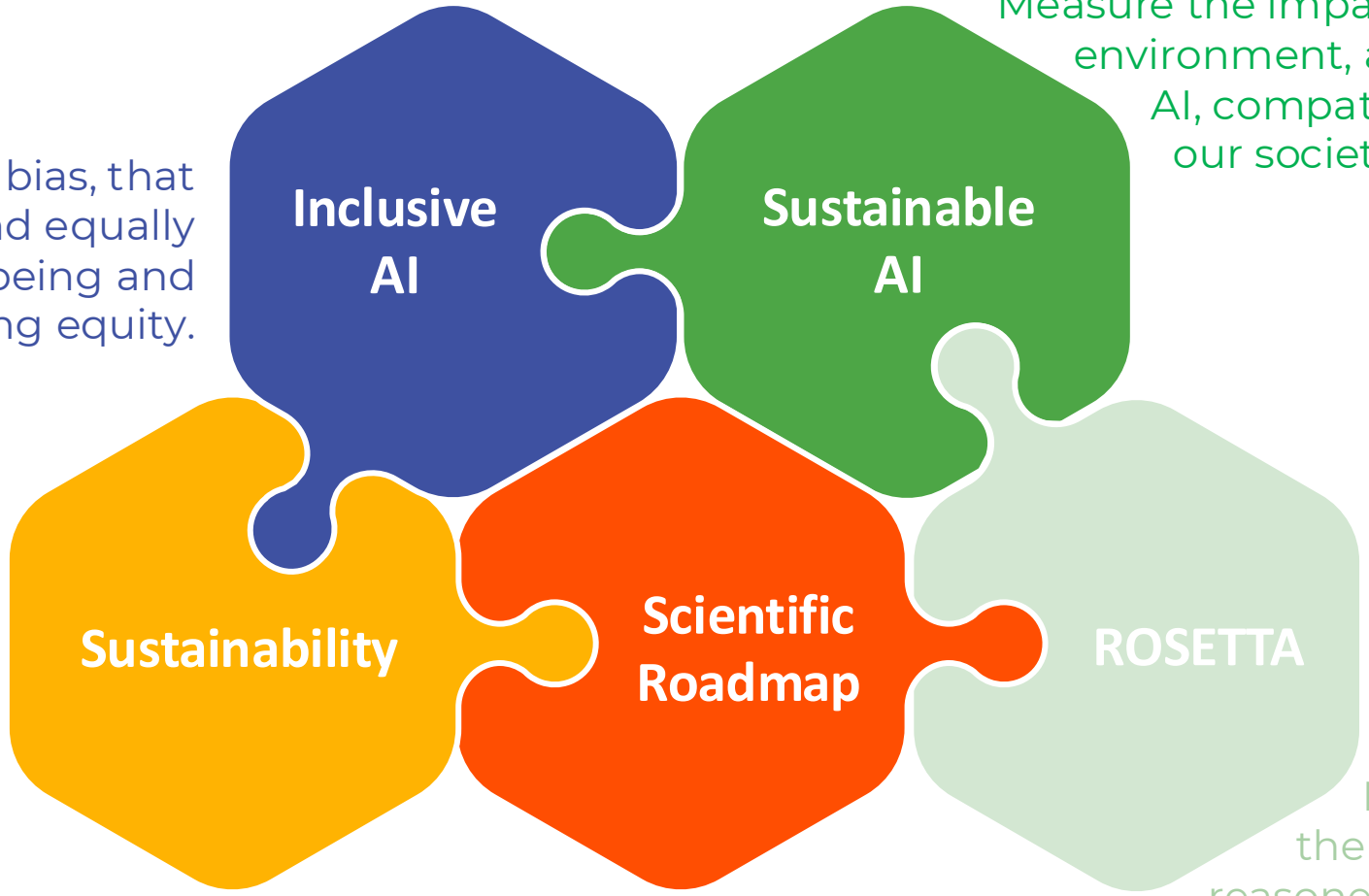
TOPICS

MIAI Cluster IA

Working Groups / Think Tanks

Build an AI without bias, that includes all society and equally treating every human being and promoting equity.

Measure the impact AI has on our lives and environment, and build a future-proof AI, compatible with the choices of our societies.



Make sure MIAI activities continue over time amongst its partner organizations.

obseRvatory of toOls, uSes and sociETal impacT of AI

Measure the impact of the uses of AI to promote reasoned and reasonable usages.

Build common technological vision with researchers and industrials to define the AI of tomorrow (10 yr horizon).

MIAI Cluster IA

Educational programs

INITIAL TRAINING

University

- AI Core : 12 Masters & 7 engineering courses
- IA+X : 12 masters & 5 engineering courses
- 450+ excellence scholarships

Primary, middle & high-school

- Educational kits
- Awareness workshops

Training of trainers

- Support for teaching with AI
- Supervised work adapted by field

PROFESSIONAL TRAINING

- Awareness-raising sessions
- Accelerated / short training courses
- Certified training courses, diploma programs

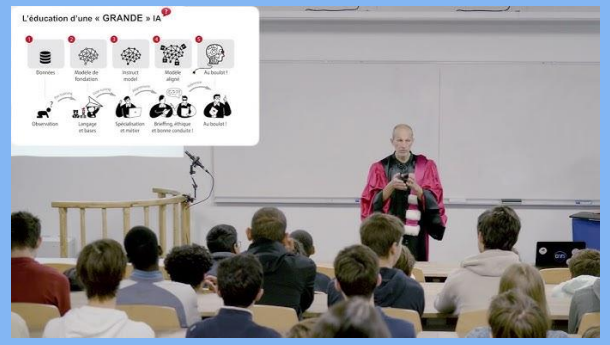
INNOVATIVE EDUCATION

Online content

- Free open-access training FIDLE
- MOOC Société and AI
- Podcasts
- ....

Acting conference

- *«AI Trial »*

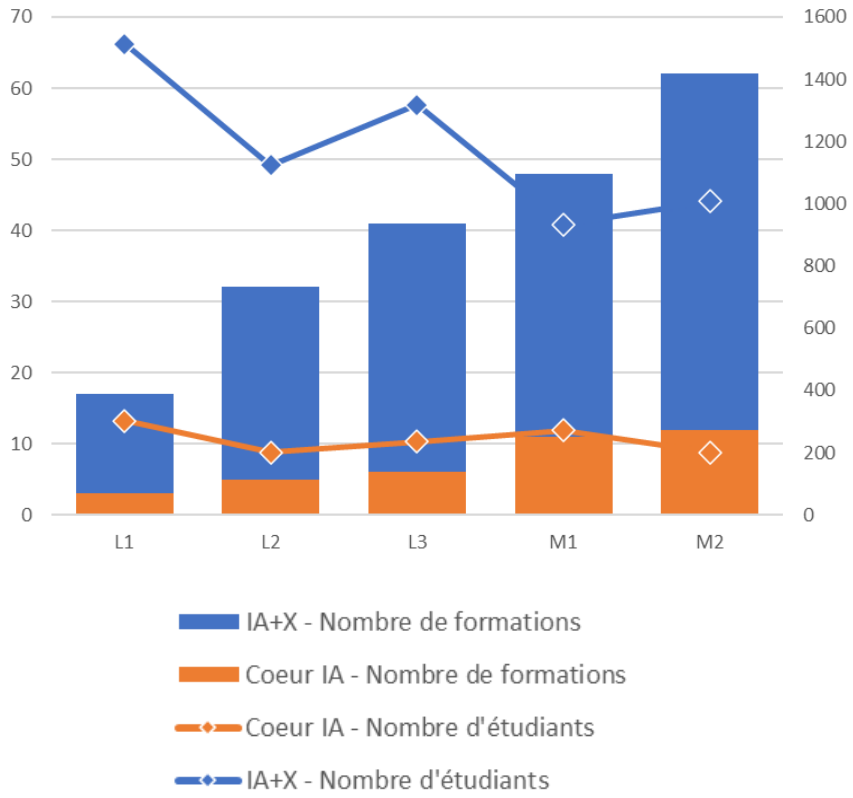


Focus on initial training

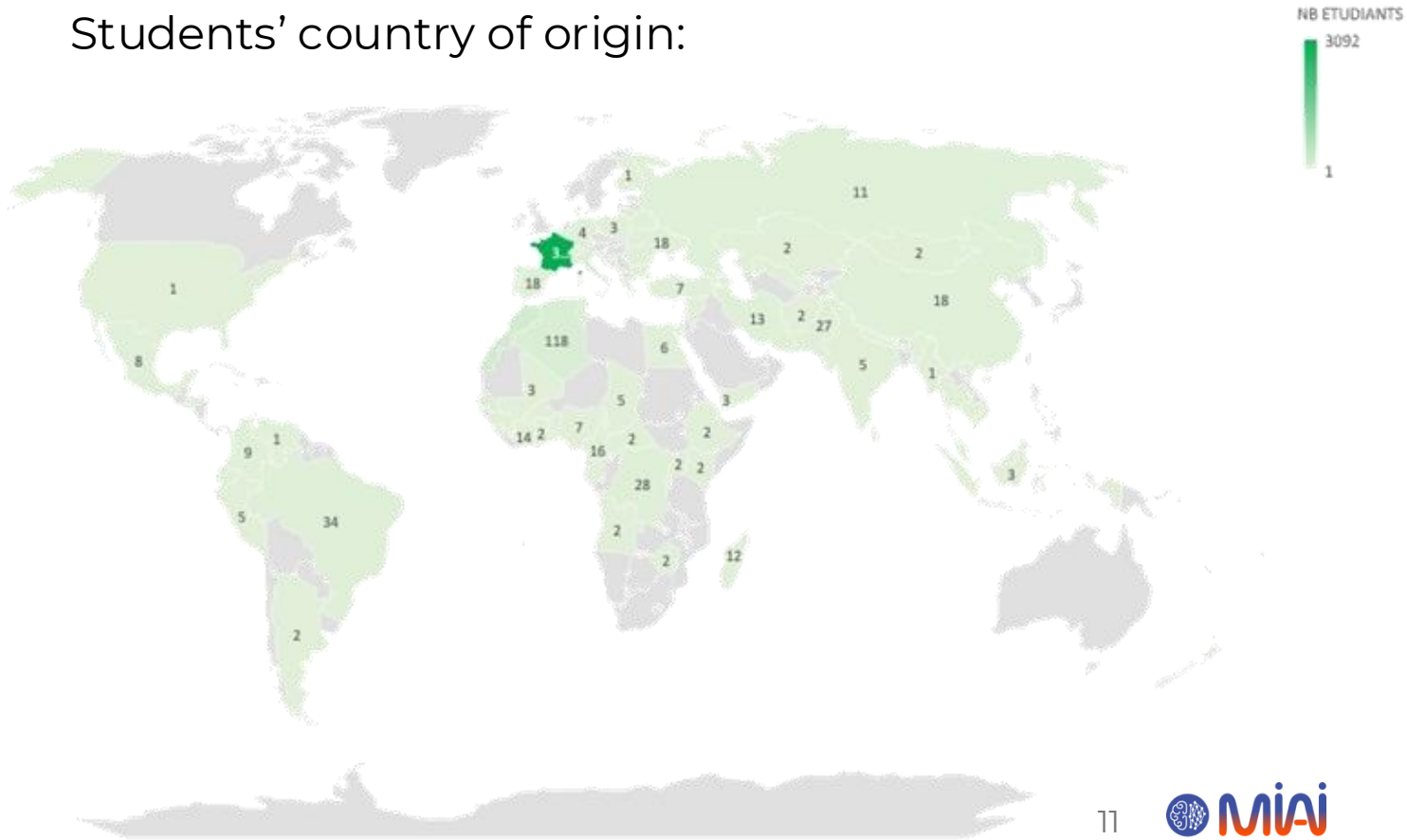
200 courses

7109 students

Number of courses & students:



Students' country of origin:



Innovation - Relation with industry - Spreading

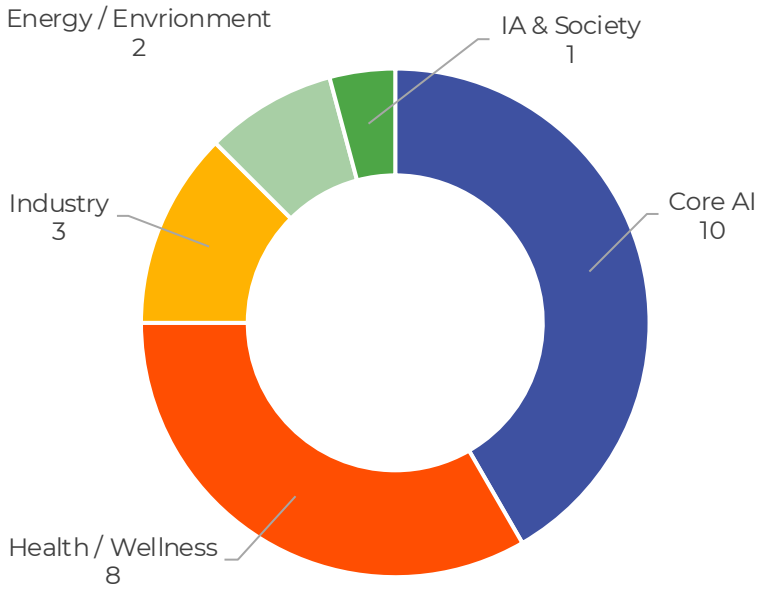
Research development

- Detection and identification of valuable technologies
- Transfer of technology and know-how
- Start-ups creation
- Technology licensing

24 certified startups

Industry-research connexions

- Biannual Industry-Research Meetings
- Targeted networking
  - Industrials → researchers
  - Researchers → industrials



Events

MIAI days
Yearly event

MIAI webinars
Vulgarization session



MIAI meetings
Research talks to the industry

MIAI weeks
Yearly thematic meetings (law, architecture, energy, science…)



MIAI seminars
Research talks to the research

MIAI Meet-ups
Every 6 months
In Grenoble, Chambéry / Annecy and Clermont-Ferrand



Fundings / collaboration opportunities

Research	Education	Industry
RFI chairs	Training calls	Industrial chairs
International chairs	Excellence scholarships	PoC chairs
Exploratory projects	AI & education support	Professional training
Support to researchers	Innovative Teaching Skills & online courses (MOOC)	
Projects for developing and promoting AI (“OpenCall”)		

What’s new?



miai-cluster.univ-grenoble-alpes.fr

linkedin.com/company/miai-cluster-ia/

THANKS FOR LISTENING!

Any questions?

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