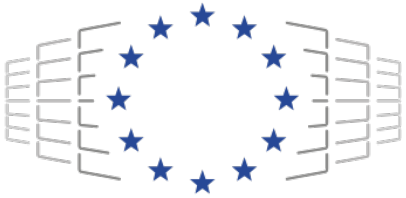
GENCI

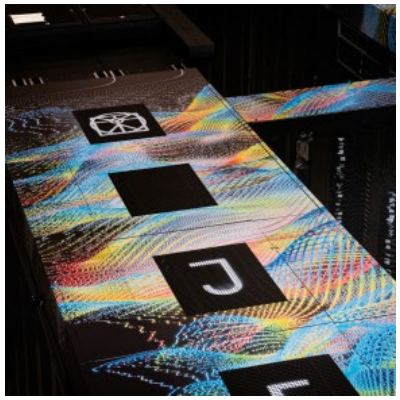
« AI Factory France a one-stop shop to foster the use of AI in science, industry and public services »



EuroHPC
Joint Undertaking

GENCI, A FRENCH COMPUTING INFRASTRUCTURE FOR RESEARCH

Serving yearly 2200 research projects in HPC and AI (academia, industry)



IDRIS/CNRS - Ile de France

- **1st FR converged HPC/AI system** *(#AIForHumanity)*
- Bring **sovereign** computing facilities / services to AI research community
- **>1400 yearly projects in AI allocated in 2024 !**
- **> 3800 GPUs in 2025**

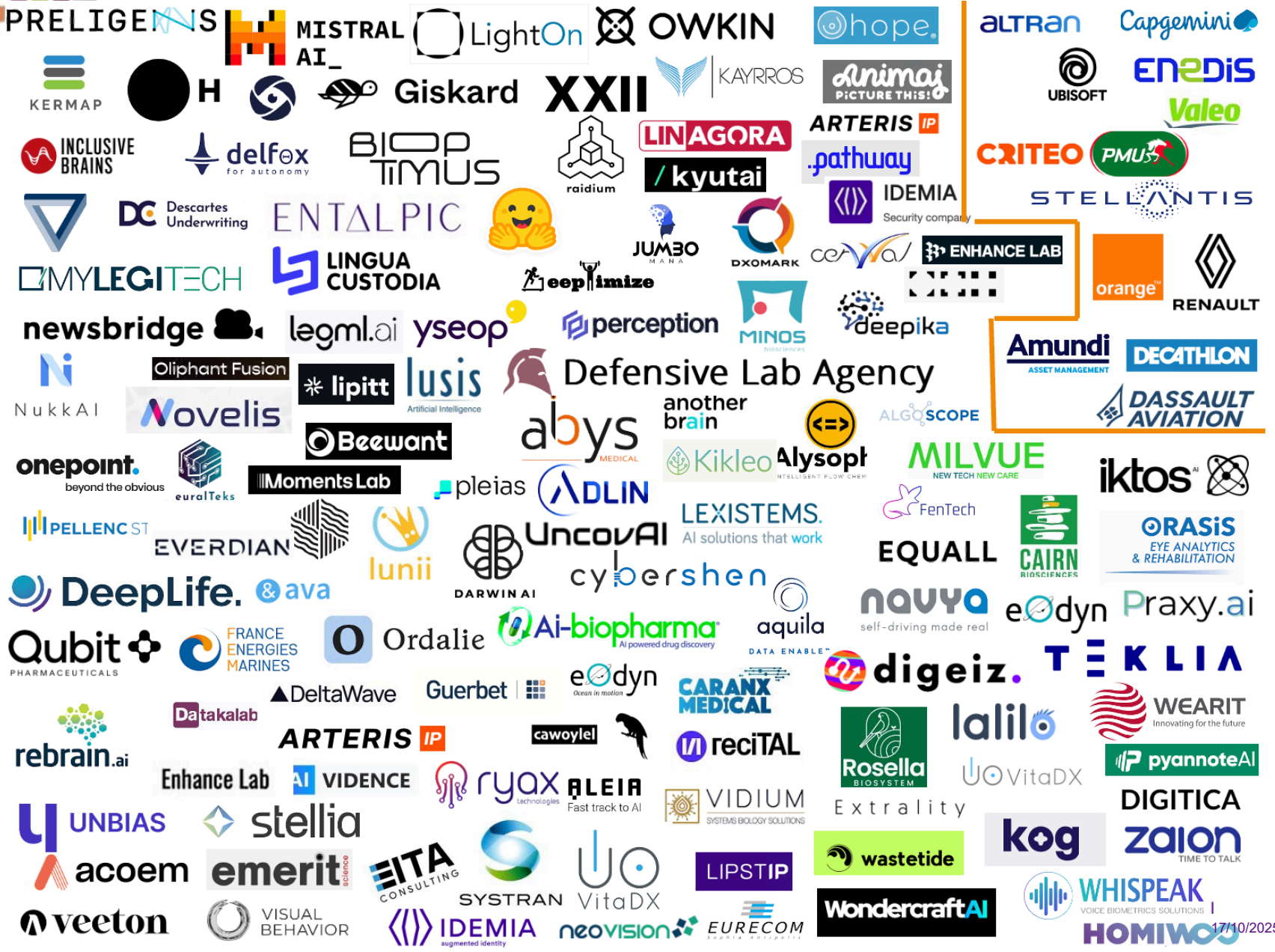
CINES/FU - Montpellier

- **> 70 PF** with AMD next gen GPUs (>1500) & CPUs (>100k)
- Used for **HPC and now AI**

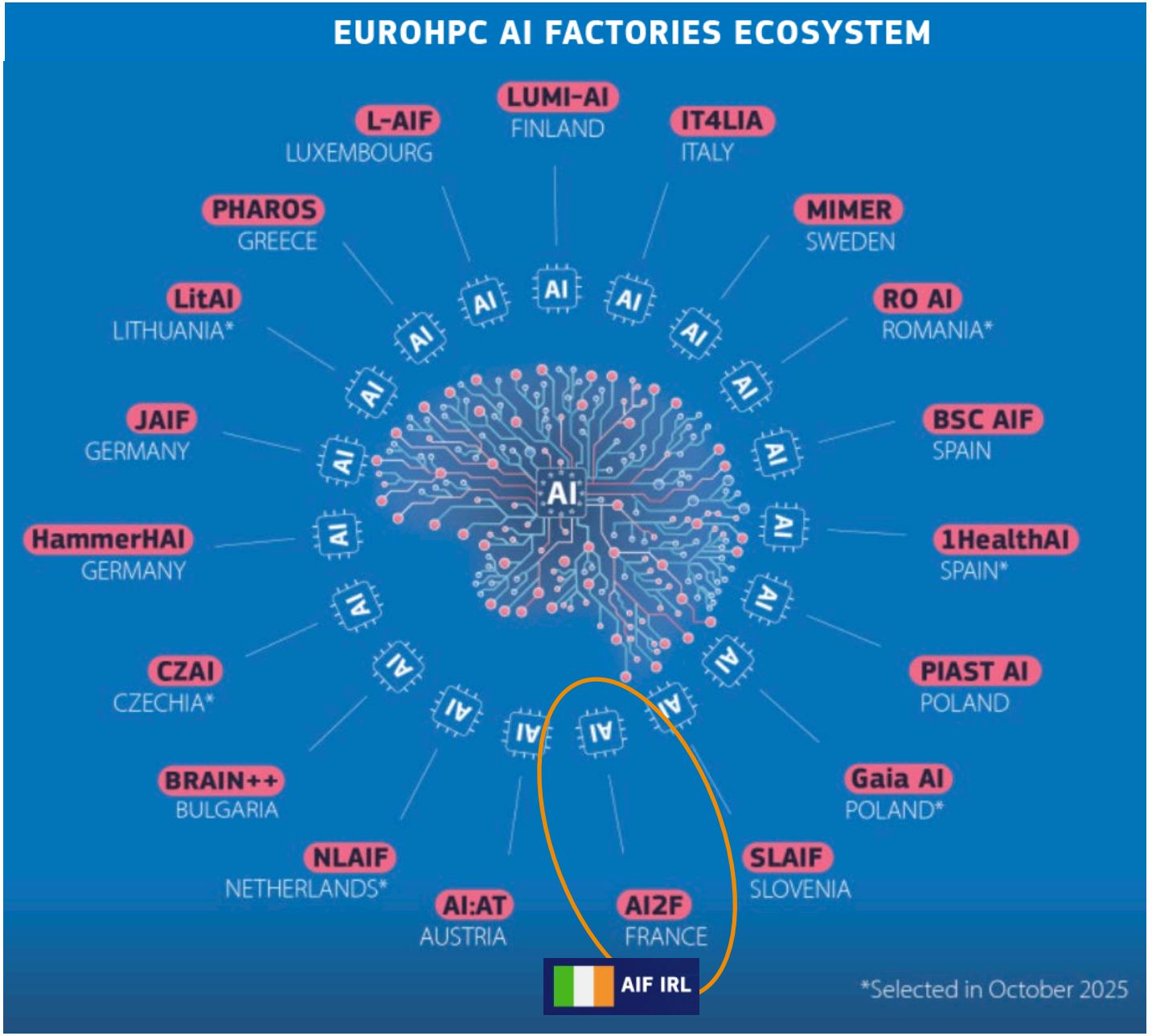
TGCC/CEA - Ile de France

- Hosting Site for the **2nd Exascale system** (**EuroHPC**) called **Alice Recoque** within Jules Verne consortium (FR, NL) in 2026
- Hosting Site for the **1st hybrid HPC + Quantum computing infrastructure** (HQI, HPCQS, EuroQCS-France)

SERVING AI ACROSS INDUSTRY



THE RISE OF THE 19 AI FACTORIES IN EUROPE



AI FACTORY FRANCE VALUE PROPOSAL

Overview

❑ **30,7M€, 3 yrs, 20 partners** from academia & innovation

GENCI, Inria, cnrs, cea, France Universités, CINES, PostGenAI@Paris, SORBONNE UNIVERSITÉ, DATAIA, université PARIS-SACLAY, ANITI, Communauté d'universités et établissements de Toulouse, Hi!PARIS, INSTITUT POLYTECHNIQUE DE PARIS, AMIAD, STATION F, La FRENCH TECH, UNIVERSITÉ DE REIMS CHAMPAGNE-ARDENNE, ENACT, UNIVERSITÉ DE LORRAINE, PRAIRIE, PSL UNIVERSITÉ PARIS, Sequoia, Université de Rennes, Institut 3IA Côte d'Azur, UNIVERSITÉ CÔTE D'AZUR, MIAI, UGA Université Grenoble Alpes, Université de Strasbourg

❑ With the following objectives as core values

- To provide the AI community with a **one-stop-shop of tailored AI services (compute, data, skills)**
- Intensify efforts in **domain-specific specialisation** for widening the use of AI in industry, science and public services
- Foster a **close collaboration between research and industry**
- Develop public / private continuum of facilities and services
- Foster startup creation. Attract and retain skills with new career paths
- Invest **massively** in talent detection, education and permanent (re)training

❑ More than 40 letters of support including

SAFRAN, THALES, MISTRAL AI_, Scaleway, OVHcloud, EDF, TotalEnergies

AI FACTORY FRANCE VALUE PROPOSAL

Services

Computing Capacity

Data Access & Operations

Machine Learning Access & Operations

Training

Technical Support

Ecosystem Development

Robotics

Health

Earth

Cyber/defense

Energy

Digital Continuum

Edtech

Agriculture

Finance

Humanities

Aerospace

Materials science

Mobility

AI FACTORY FRANCE VALUE PROPOSAL

Use cases examples

Mobility

- ❑ Autonomous driving
  → World model
  ❖ Valeo.ai

- ❑ Mobility's impact
  → Observatory and predictor on air qualitity and climate
  ❖ IFPEN

Cyber/defense

- ❑ Cybersecurity of generative AI models
  → Robustness against adversarial attacks
  → Detection of coordinated influence campaigns
  ❖ AMIAD

Thank you for your attention !

For further information, feel free to contact

contact@aif-france.eu