

Belgium joins the network of AI Factories and AI Factory Antennas

17 December 2025

Ward Poelmans

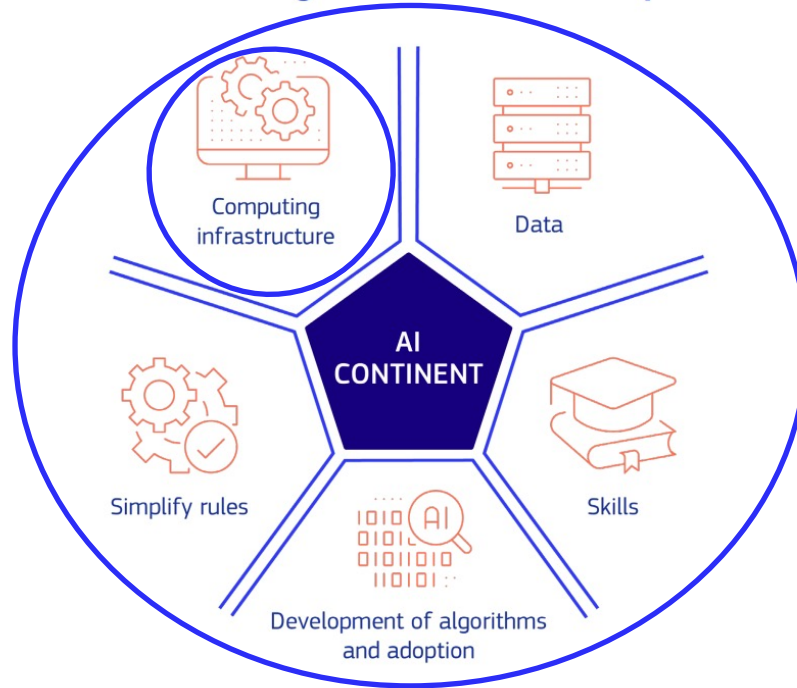
BE-AIFA



EuroHPC
Joint Undertaking

Europe AI continent plan

The 5 strategic areas of the action plan

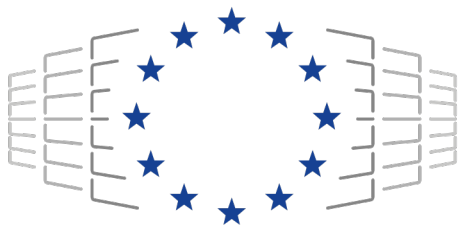


Source: <https://digital-strategy.ec.europa.eu/en/factpages/ai-continent-action-plan>

EuroHPC

EuroHPC:

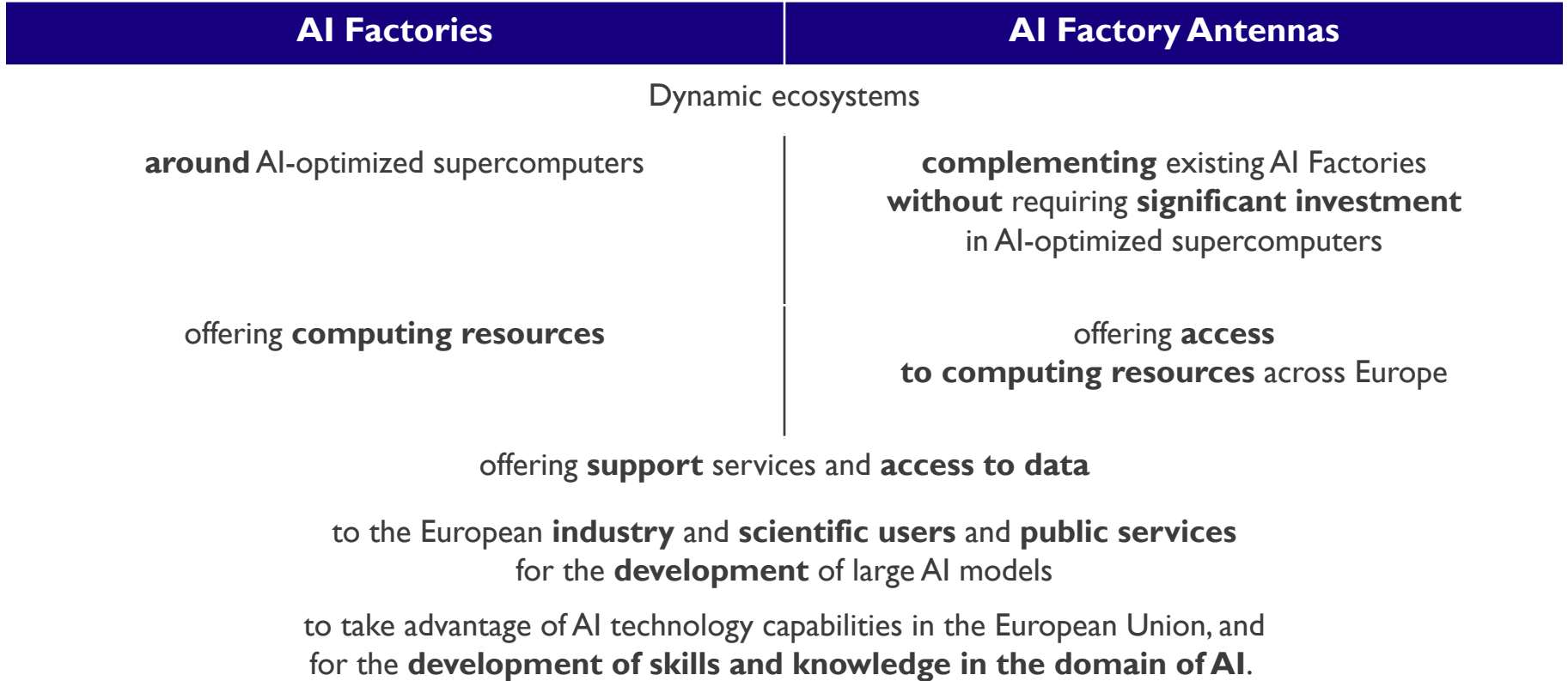
- Strategy autonomy in HPC
- Start in 2018 with (large) investment in HPC
- 6 petascale, 3 pre-exascale and 1 exascale cluster
- Belgium took part in LUMI
- 2024: extended to AI Factories



EuroHPC
Joint Undertaking



AI Factories and AI Factory Antennas

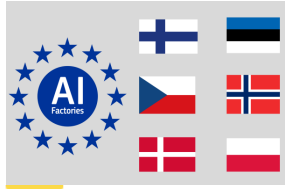


AI Factories and AI Factory Antennas



Source: https://www.eurohpc-ju.europa.eu/ai-factories_en
Status 20 October 2025

The Belgian AI Factory Antenna will connect to AI Factories in Finland (LUMI(AI)) and in Germany (JUPITER/JAIF)



Finland

Czechia, Denmark, Estonia, Norway,
and Poland



Germany

L U M I



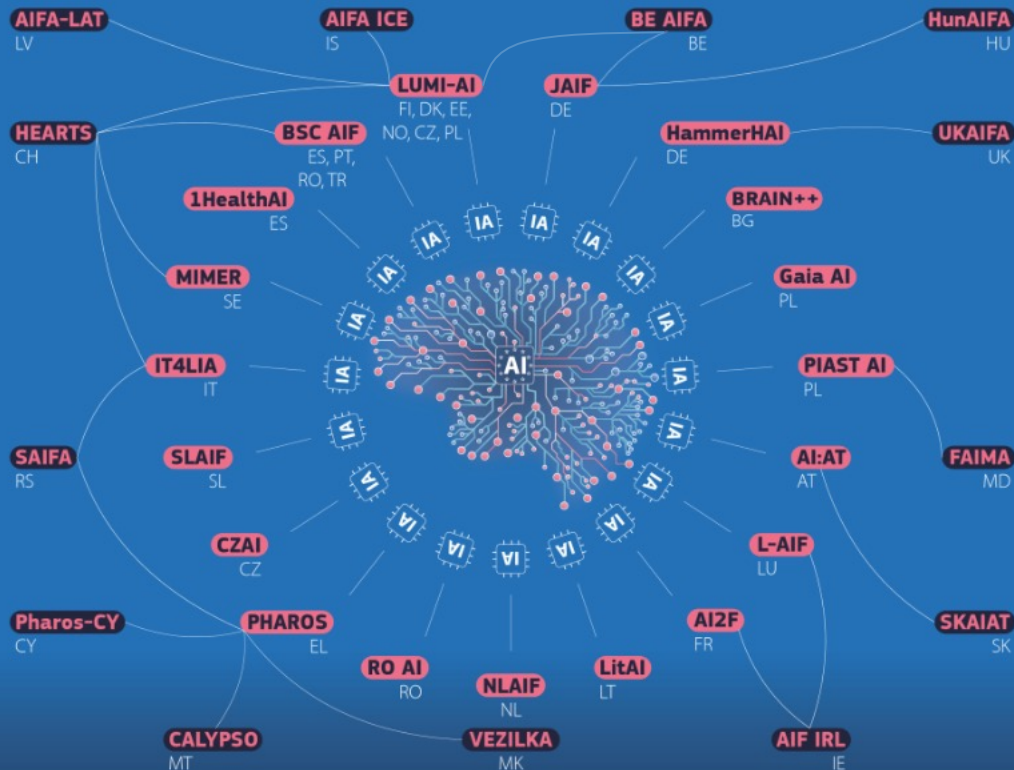
JUPITER
AI FACTORY

BE-AIFA

Belgian AI-Factory Antenna



EuroHPC AI Factories (AIFs) and Antennas (AIFAs)
will facilitate European startups, SMEs, and researchers, to develop AI
as well as boost EU competitiveness and sustainable prosperity.



EuroHPC JU
LEADING THE WAY IN EUROPEAN SUPERCOMPUTING

Belgian AI Factory Antenna Consortium

4 Entities – 23 partners

Federal level	Flanders	Wallonia	Brussels-Capital Region
Research centres			
Sciensano	IMEC	Cenaero	Sirris
SCK CEN	Sirris	CETIC	
	VIB	Multitel	
Universities			
	KU Leuven	UCLouvain	ULB
	UAntwerpen	ULB	VUB
	UGent	ULiège	
	UHasselt	UMons	
	VUB	UNamur	
Public organisations			
BELSPO		Agence Du Numérique	
Belnet			
FPS BOSA			
FPS Economy			

Belgian AI Factory Antenna - Domains

Focus Domains:

1. Defense and Security
2. Health, Biotech & Life Sciences
3. Manufacturing, Robotics and Process Control
4. Space and Aeronautics
5. Digital transformation of Public Services

Other Domains:

Agri-Food, Environment and Climate, Mobility, Transport and Logistics, Science and Research, Media, Culture and Entertainment, Digital Services, Construction, and Cross-cutting and emerging technologies

Belgian AI Factory Antenna - Objectives

1. Accelerated AI adoption, innovation and productivity across key strategic sectors.
2. Affordable and easy access for companies and public organisations to AI optimised computing capabilities and data for the training and development of large-scale AI models, in combination with high-performance computing.
3. Companies and public organisations use the BE-AI Antenna services to develop, test and validate emerging trustworthy and resource-efficient applications.
4. Collaboration in the Belgian and European AI ecosystem leverages the expertise.
5. Better and lifelong training, and development, attraction and retention of AI talent.

Services provided by the Belgian AI Factory Antenna



Technical Services related to
infrastructure and algorithms



Technical Services
related to Data



Training Services



Services related to
trustworthy AI, compliance,
legal aspects and funding



Ecosystem and
Networking
Services

Belgian AI Factory Antenna

23 Partners

Consortium

4 Ecosystems

Ecosystems & governments

Flanders

Wallonia

Brussels-Capital

Federal

2 AI Factories

LUMI(AI), Finland

JUPITER/JAIF, Germany

10 M€

Budget

5M€ Funding EuroHPC JU

5M€ Member State

3 Years

1-stop shop

1 service catalog

for companies, research and public services

Start planned for April 2026