

AI per le PMI

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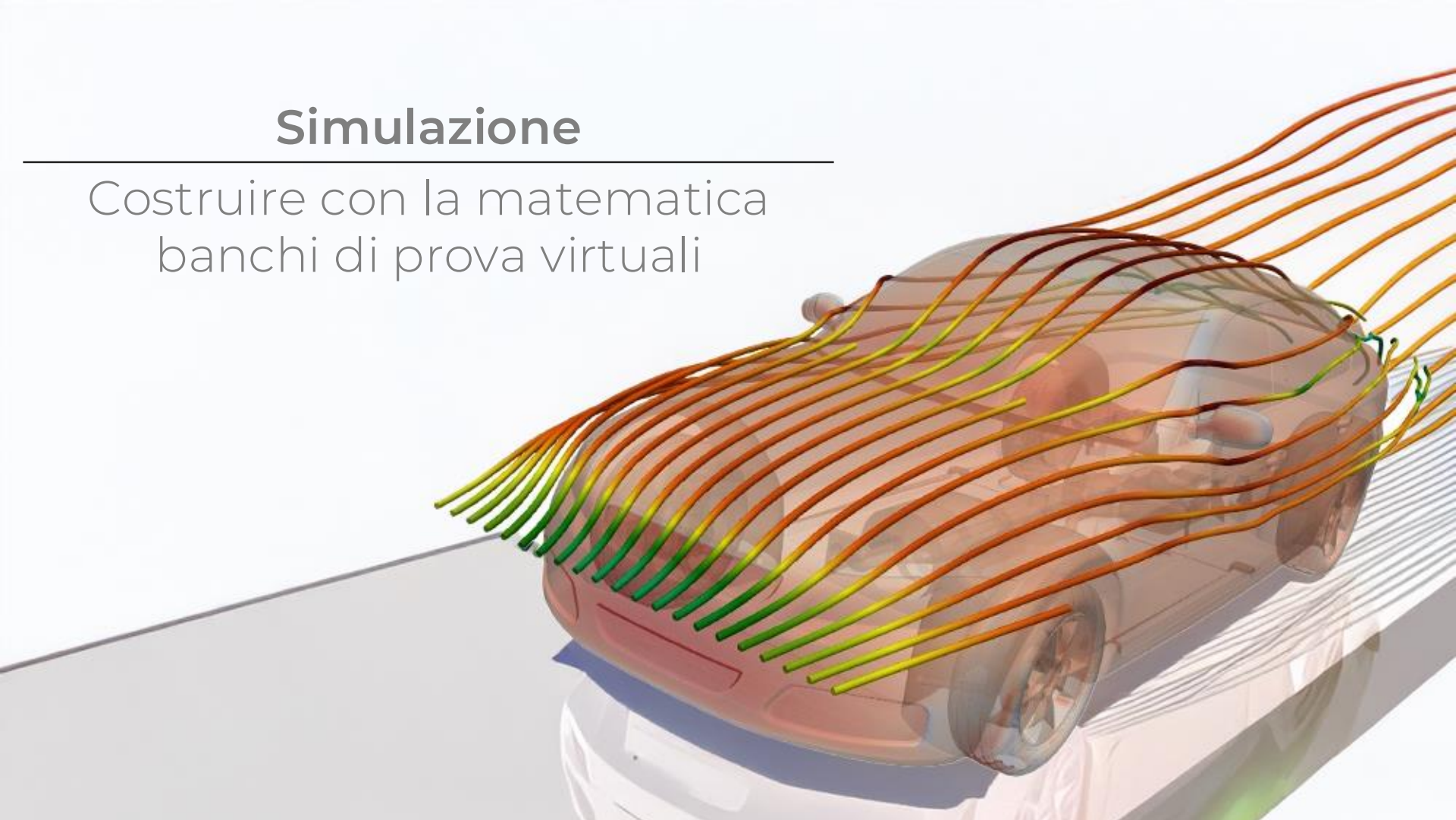


HPC

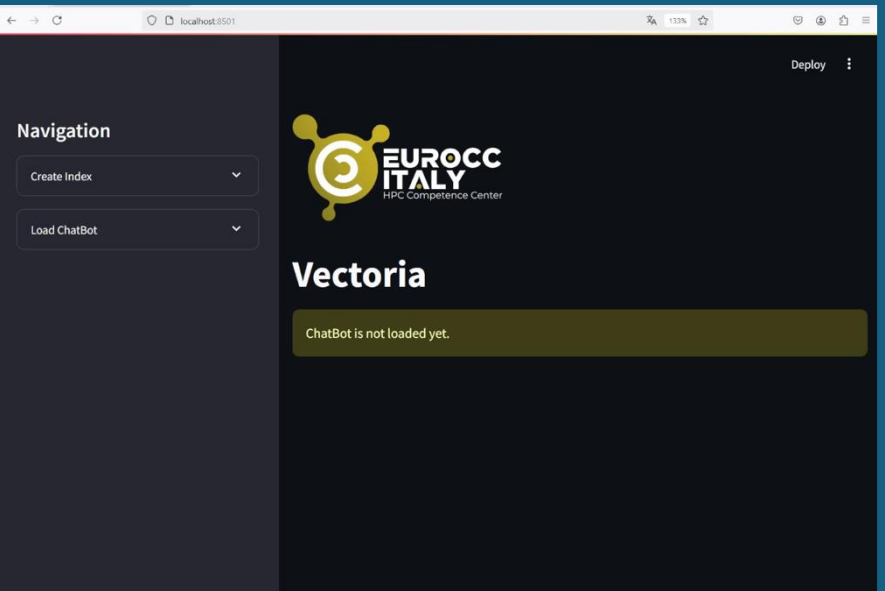
Plasma il mondo digitale: contrae il tempo, dilata lo spazio

Simulazione

Costruire con la matematica
banchi di prova virtuali







Intelligenza artificiale

Un/a collega junior, che grazie ai supercomputer, impara a velocità incredibile

LLAVA-MORE project - courtesy of UniMoRe



Promotori

Ente ospitante

CINECA

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altri stati membro partecipanti

Federal Ministry
Republic of Austria
Climate Action, Environment, Energy, Mobility, Innovation and Technology

REPUBLIC OF SLOVENIA
MINISTRY OF HIGHER EDUCATION, SCIENCE AND INNOVATION

Partner

Do you need compute power?

19 + 13

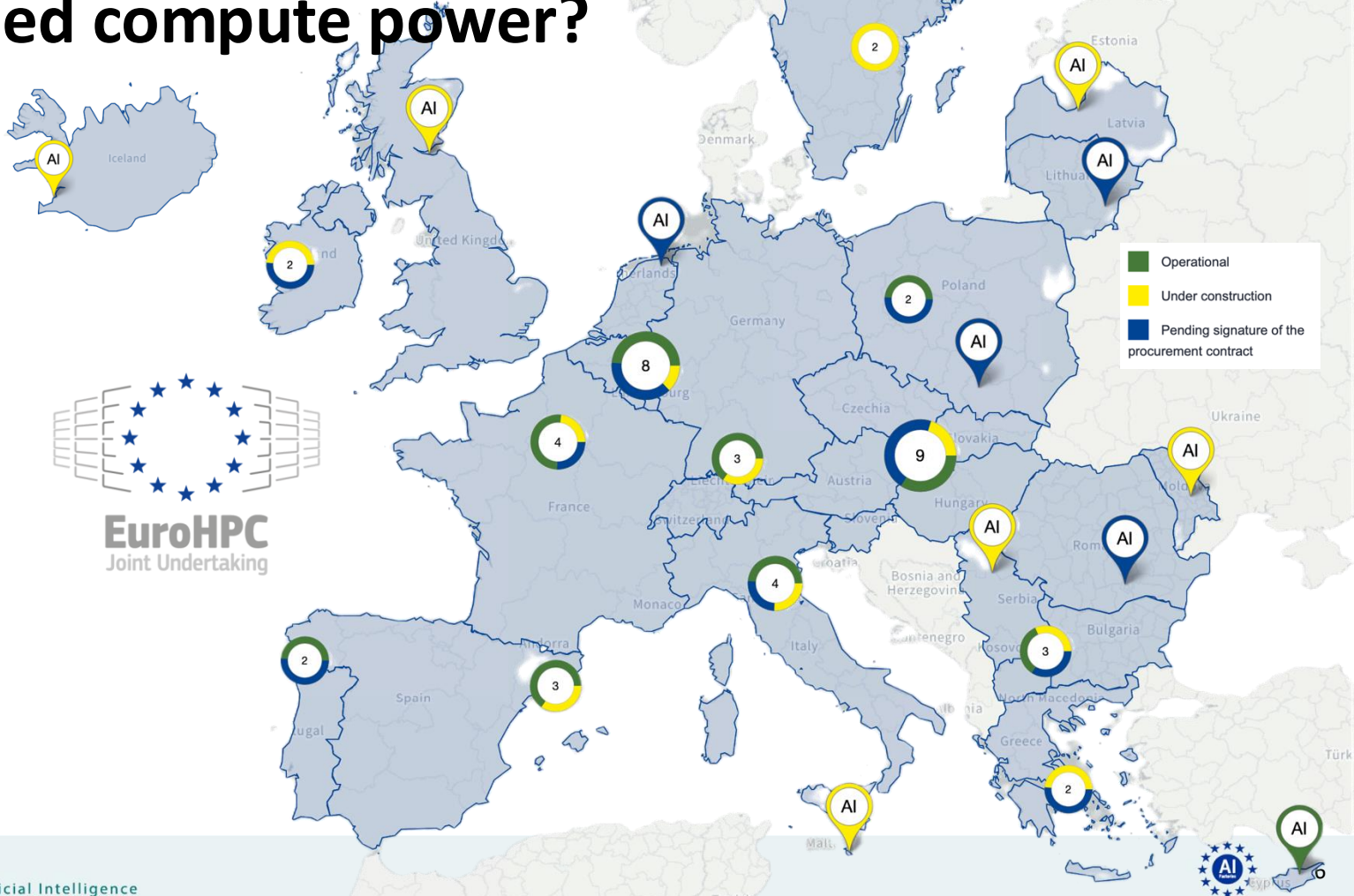
AI Factories + Antennas

14

Supercomputers

10

Quantum Computers



One of the most powerful infrastructure in Europe

LEONARDO

Pre-exascale supercomputer EuroHPC

LISA

Optimized upgrade for AI applications

GAIA + GARDA

Cloud system + datalake

MEGARIDE

To cover the entire range of AI applications

IT4LIA

AI optimized supercomputer for training and inference based on nvidia GB200 NVL4 Gpus

Computing infrastructure built to merge HPC and cloud capabilities for AI ecosystem enhancement



What IT4LIA AI Factory offers

Resources, expertise, and tools to accelerate the adoption of Artificial Intelligence.



HPC computing hours

Supercomputer EuroHPC LEONARDO, LISA, cloud GAIA, MEGARIDE, IT4LIA. Thousands of GPUs available



Expert Support

Technical and strategic consulting, end-to-end, provided by AI and HPC experts



Open-Access Solutions

Repositories of open services, datasets and AI models, developed within IT4LIA's vertical domains

Open Repository →



Training

A comprehensive program including: dedicated courses, hackathons, internships

Training calendar →

Internships →



Matchmaking

Connecting companies, researchers, startups, and PA to build AI partnerships

SUK →

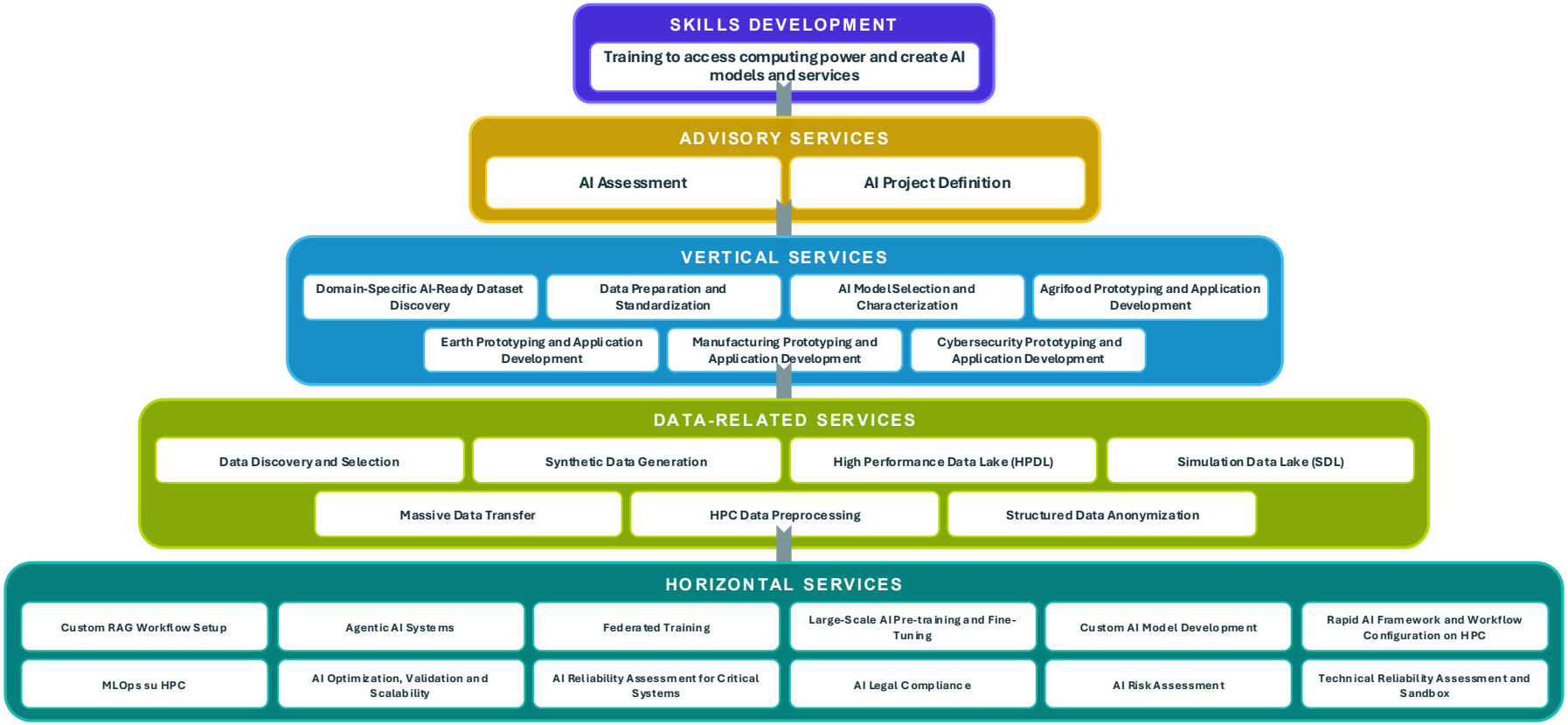
Link UP →

Access through calls

Open access

IT4LIA AI Factory Services

From capability building to the technology platform: 29 connected services in one integrated pathway



Each level builds on and specializes the capabilities of the level below

How you can access the services

IT4LIA AI Factory services are flexible and designed to accommodate different levels of need, complexity, and resource requirements. They are grouped into two main categories:



HPC computing power

Access to major HPC systems (such as Leonardo, GAIA, LISA), with thousands of GPU hours available.



Expert support

Technical and strategic consulting, end-to-end, provided by AI and HPC experts

Every engagement starts with an **Assessment Meeting** to analyse use cases, challenges, and objectives. The outcome is a tailored guidance report.

Start your IT4LIA AI Factory journey →

Access path



STEP 01

User Request

Website, "**What we can do for you**" section.



STEP 02

Assessment Meeting

30-minute online meeting. Tailored guidance report. Needs assessment and definition of the most suitable path, with or without a defined project.



STEP 03

Access Call

Participation in the call for HPC resources and technical support.



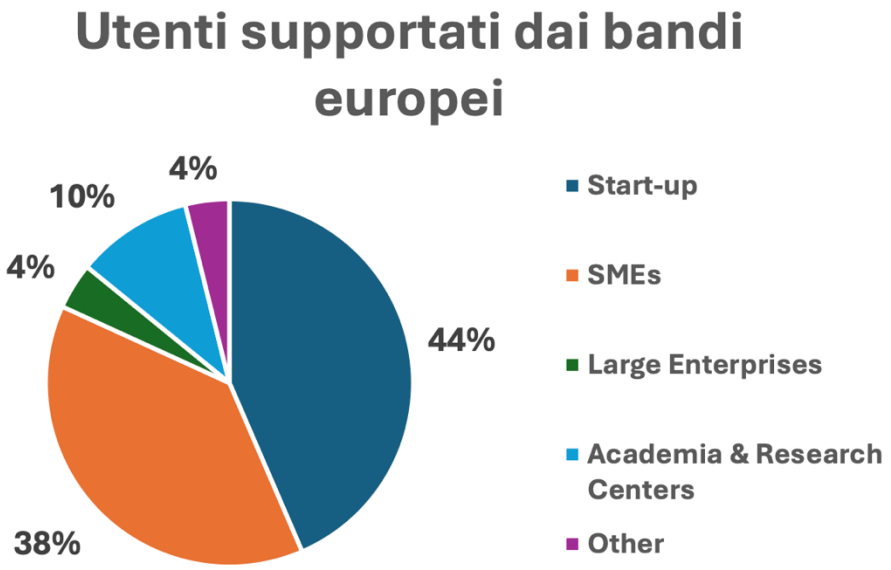
STEP 04

Service Activation

Access to Leonardo, GAIA, LISA, MEGARIDE, IT4LIA, and the expert support team.

Tipologia di utenti

GPUh allocate > 53M





THANKS!

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