

PREDICTIVE MAINTENANCE AND THE ROAD TO THE AI FACTORY AUSTRIA

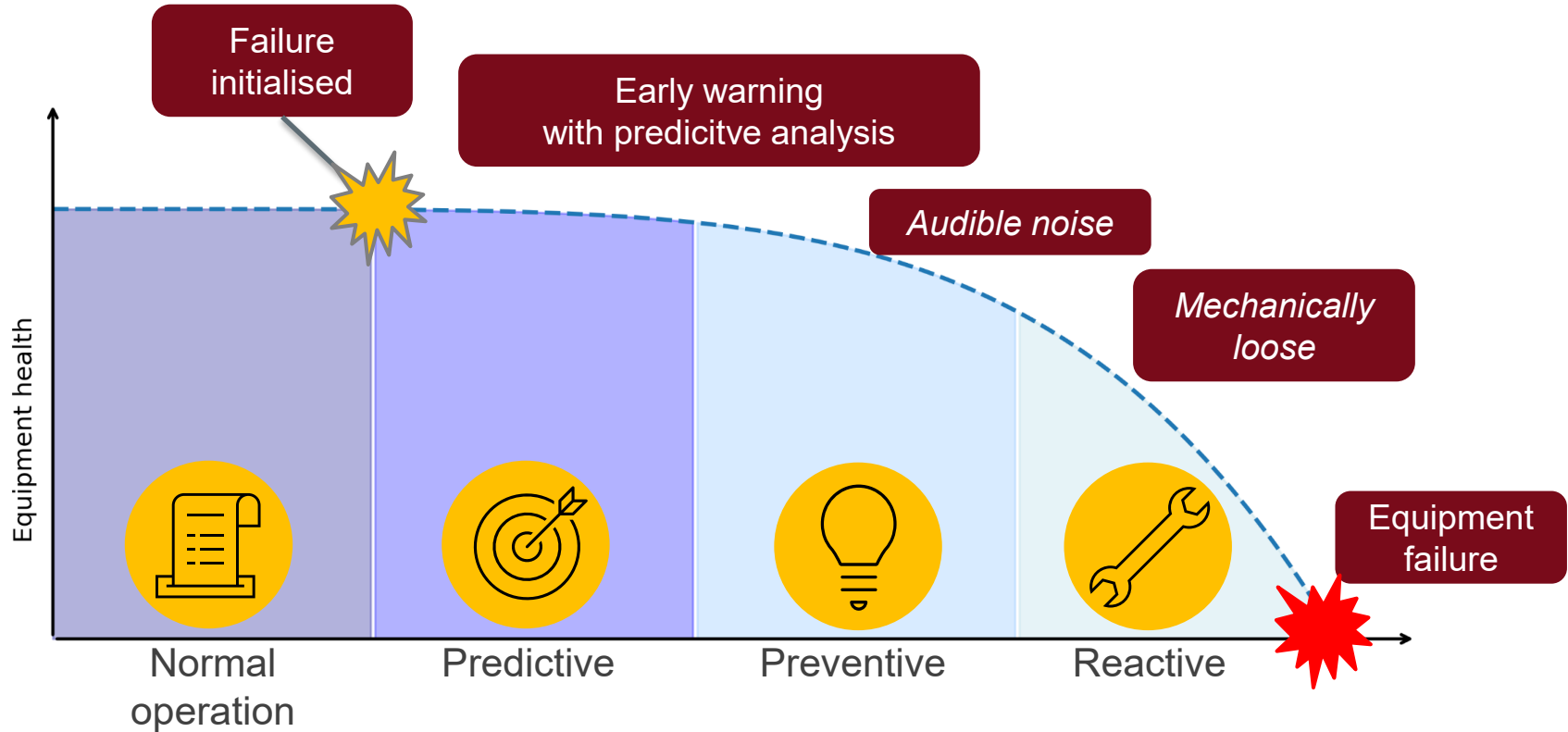
Mario Drobics

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FROM REACTIVE TO PREDICTIVE MAINTENANCE



USE CASE: ENERGY PRODUCTION

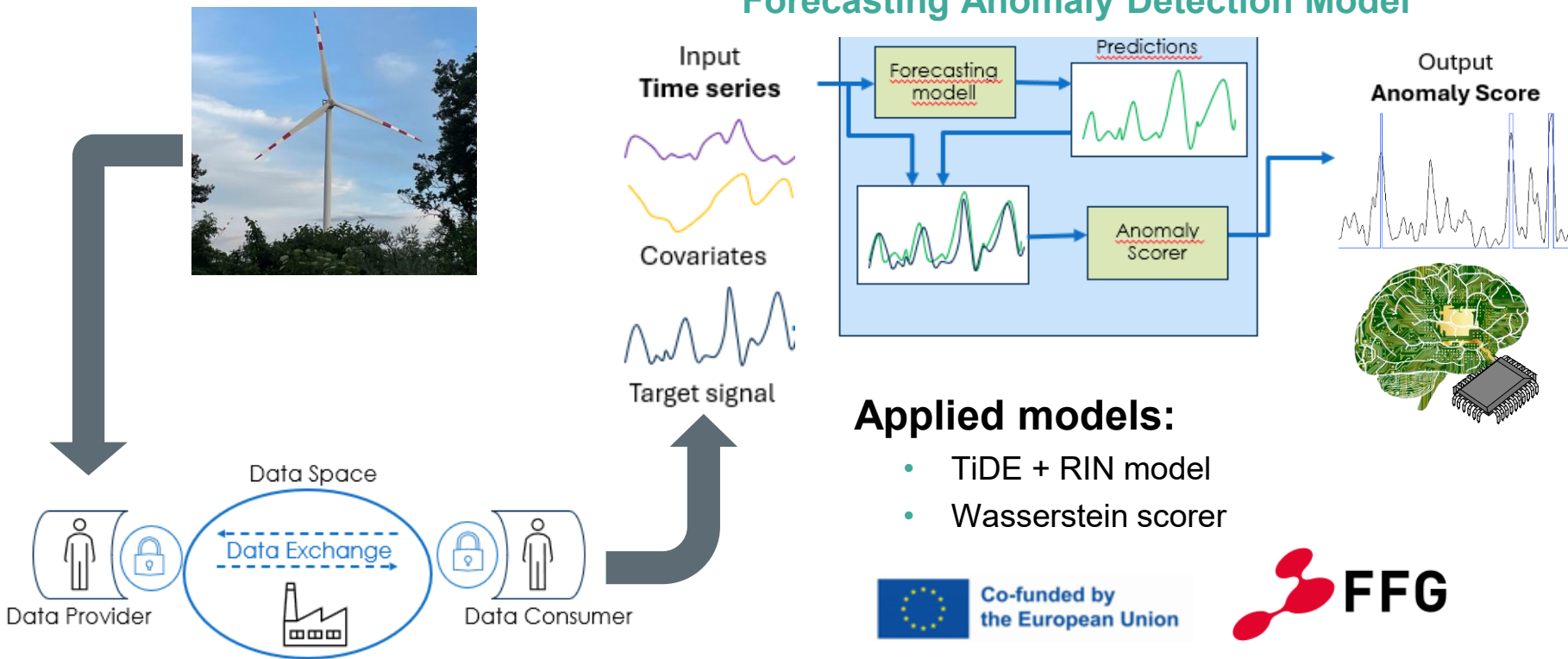


UNDERPIN



AUSTRIAN INSTITUTE
OF TECHNOLOGY

Forecasting Anomaly Detection Model



Applied models:

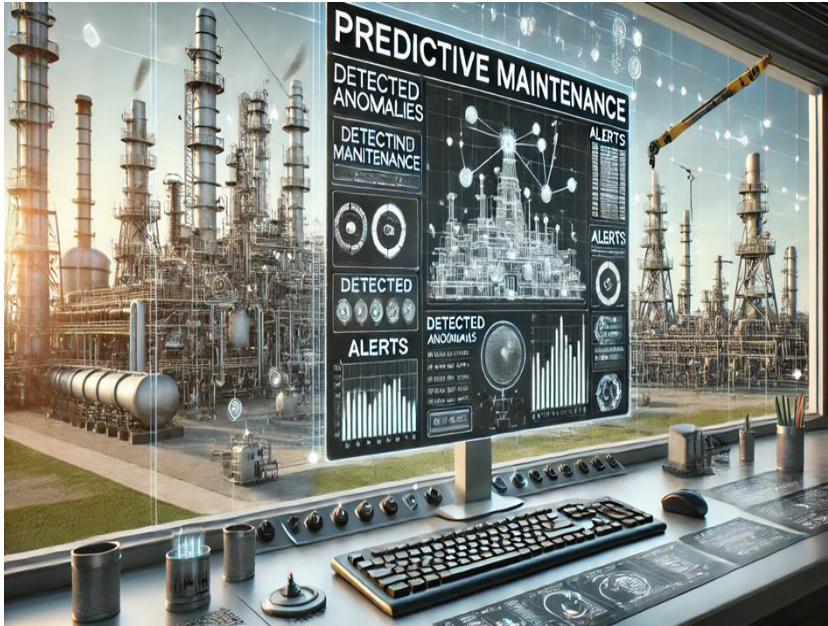
- TiDE + RIN model
- Wasserstein scorer



Co-funded by
the European Union



AI APPLICATIONS IN MANUFACTURING



Asset & maintenance management

Quality assurance and process control

Production planning, OEE,
and energy optimization

Supply chain, logistics and inventory

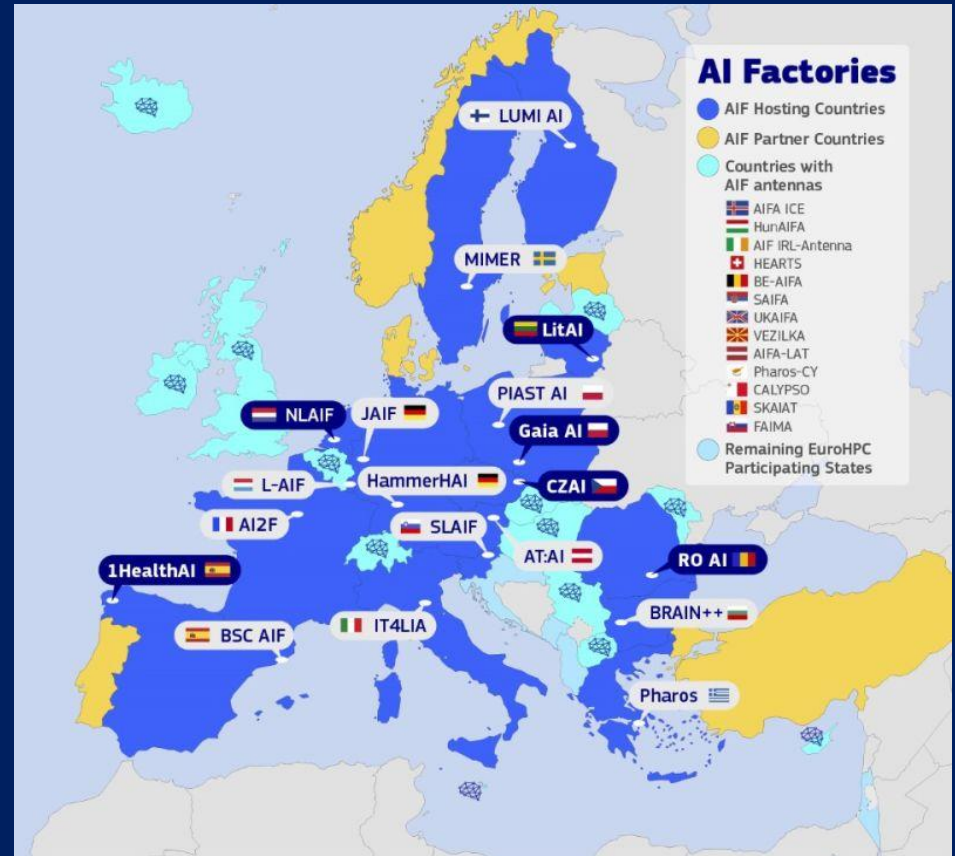
Workforce augmentation,
safety & knowledge management

Product design, engineering and services

European AI Factories

EuroHPC AI Factories are ecosystems formed around supercomputers that will facilitate European startups, SMEs, and researchers, to develop AI as well as boost EU competitiveness and sustainable prosperity.

Overall European Investment 10 billion €



AI:AT Mission From Idea to Innovation

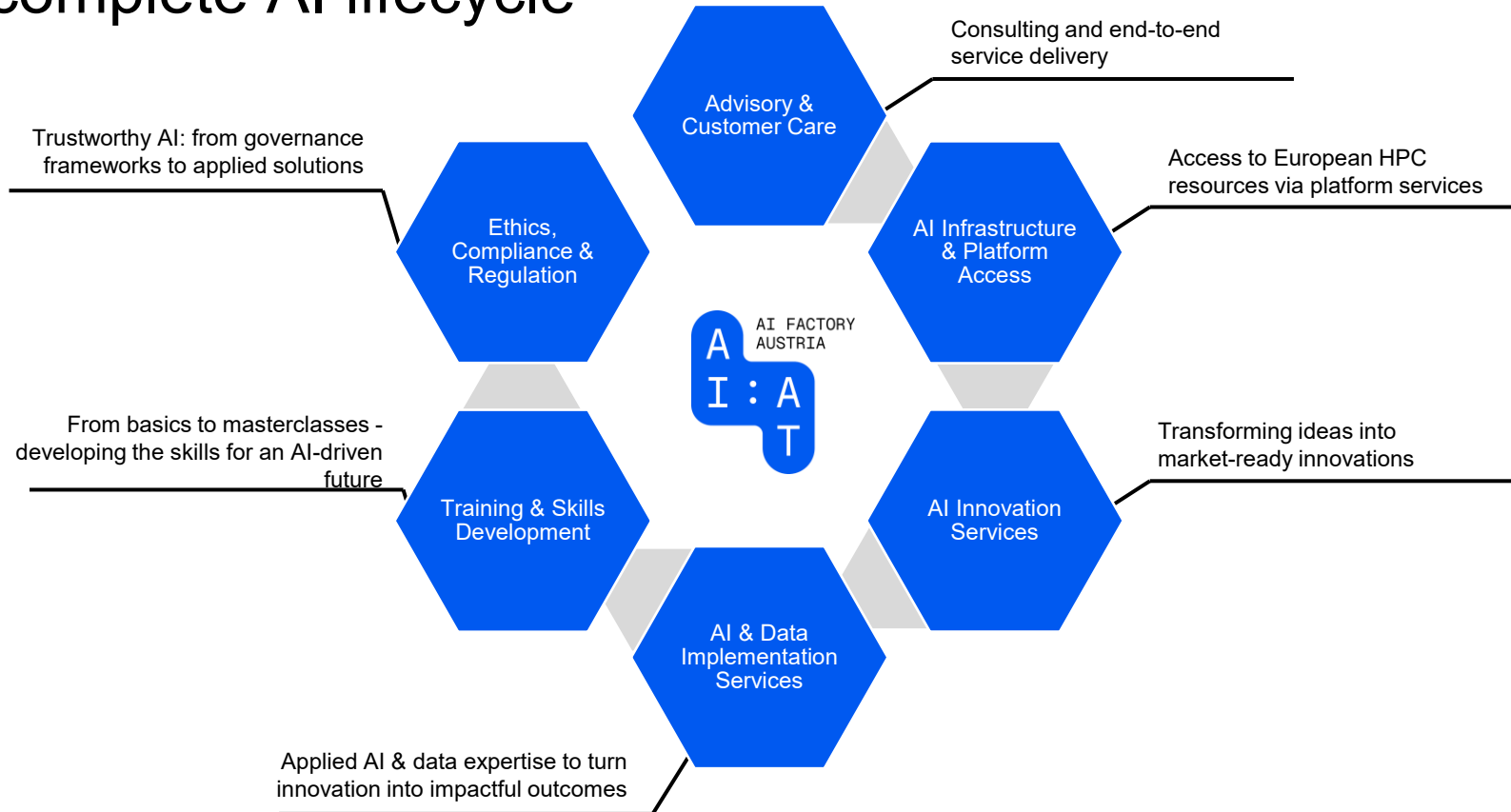
Establish a
One-Stop Shop
for AI

Bridge the
AI Resource and
Knowledge
Divide

Promote
Ethical and
Trustworthy AI

Launchpad
for AI-driven
Innovation

AI:AT services address the complete AI lifecycle



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Funded by



EuroHPC
Joint Undertaking



**Funded by
the European Union**



Federal Ministry
Innovation, Mobility
and Infrastructure
Republic of Austria

under discussion with



FFG
Promoting Innovation.

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THANK YOU!

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