



HSbooster.eu
Horizon Standardisation Booster

An Introduction to HSbooster.eu

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DATE

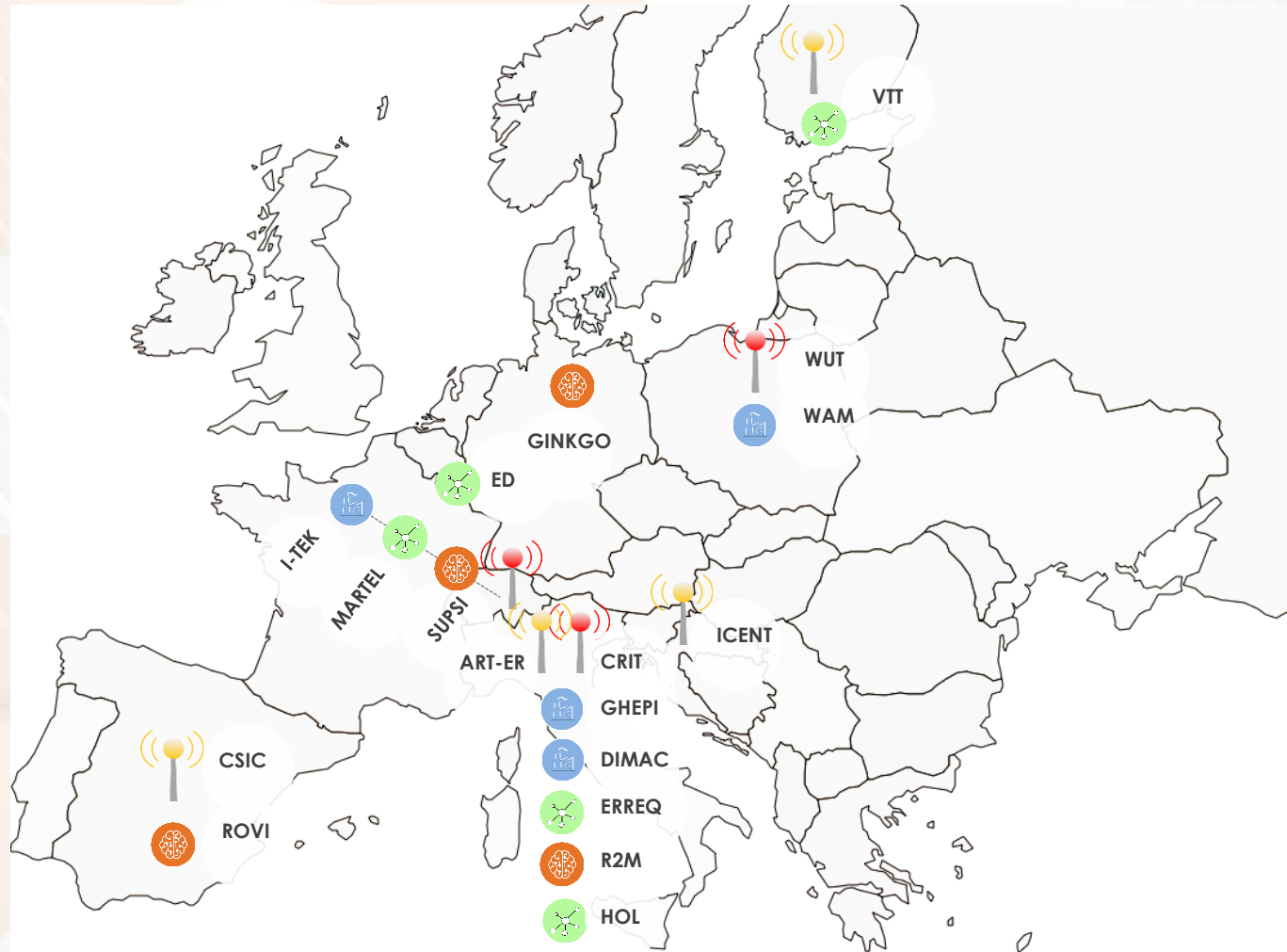


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KITT4SME Project

- Start in October 2020
- End in March 2024
- *8 million funding received from the Horizon 2020 programme*
- *2.5 millions dedicated to fund actions with SMEs through open calls*
- *Offered funding is **70%** and equity-free*
- ***18** partners from **8** countries in Europe*
- ***4** Digital Innovation Hubs fostering widespread reach of the platform*
- ***4** internal pilots with SMEs in manufacturing*

KITT4SME Project



AI landscape in manufacturing

KITT4SME surveyed companies in the manufacturing field testing their AI adoption and readiness. The proposed survey relies on a 5-pillar model that considers not only the operational aspects but also how structure and culture inside a company allow to fully exploit the potential of AI.

An AI adoption model for SMEs

An AI adoption model for SMEs: a conceptual framework.
Bettoni et. Al. (2021). IFAC-INCOM 2021



Digital and Smart
Factory



Data Strategy



Human Resources



Organisational Structure



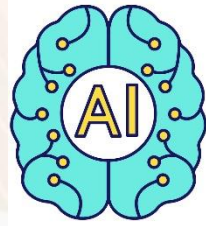
Organisation's Culture



The results



39
companies
interviewed



Nearly half
of the companies do not
have any AI solutions or
applications in place



33%
of respondents are defining a
strategy to promote AI
adoption within the company

Several industries involved

Aerospace
Automotive
Cotton
Defence
Energy
Food and Beverage
Metalworking

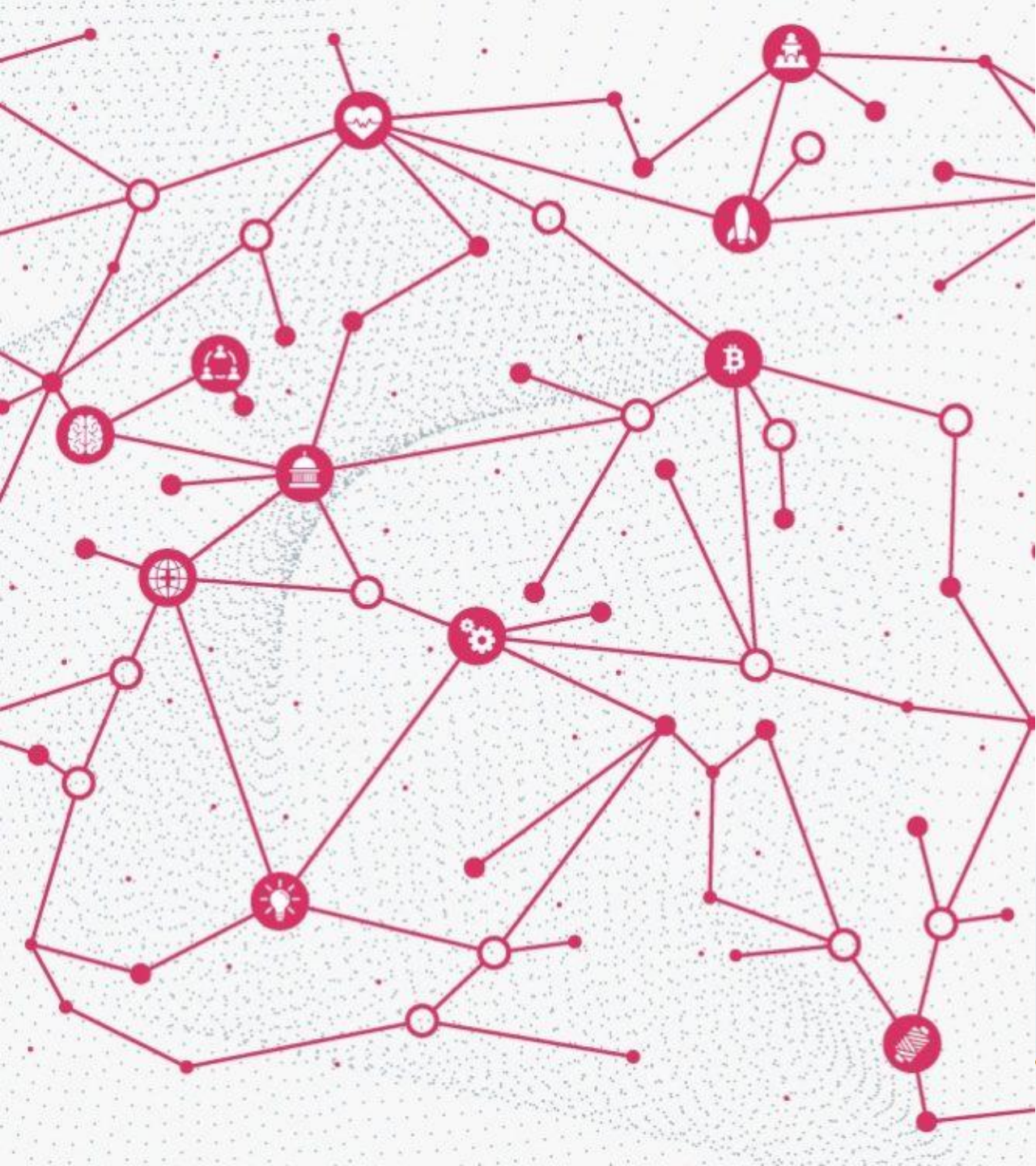
Paper
Pharma
Plastic
Steel production and
transformation
Textile
...



Only one tenth
of the companies are training their
employees on digital skills



69%
of the companies believe that the collection
of data is fundamental for their business

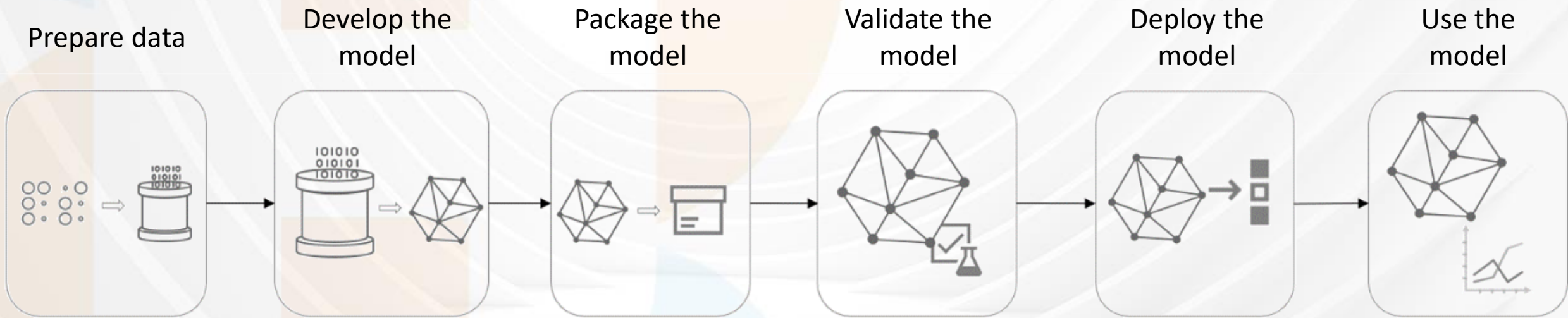


Leveraging on the network of Digital Innovation Hubs, the platform is pushed to its limits by offering it to external actors through open calls meant to populate its marketplace, expand its visibility and adoption and, in the end, unleash its business potential

KITT4SME Project

- *KITT4SME specifically targets European SMEs and mid-caps to provide them with **scope-tailored and industry-ready hardware, software and organisational kits**, delivered as a modularly customisable digital platform, that seamlessly introduce **artificial intelligence** in their production systems.*

What KITT4SME supports



Piloting activities in KITT4SME

4
pilots in:

with different problems:

and different solutions:

injection moulding sector

high human effort

human-machine mutualism

quality system sector

defects individuation

data augmentation

precision hand tools sector

tweezer irregular surface

vision system

electrical equipment sector

low reconfigurability

shopfloor anomaly detection

Why Hsbooster?

- How to encourage the usage of standards and main benefits
- Standardisation activities roadmap definition
- Engagement with and contribution to associations strategy
- Enlarge KITT4SME community

Thank you

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