



AIRISE.EU

EFFRA 2024 Manufacturing Partnership Day

Dr. Harry Bikas [LMS]



LMS

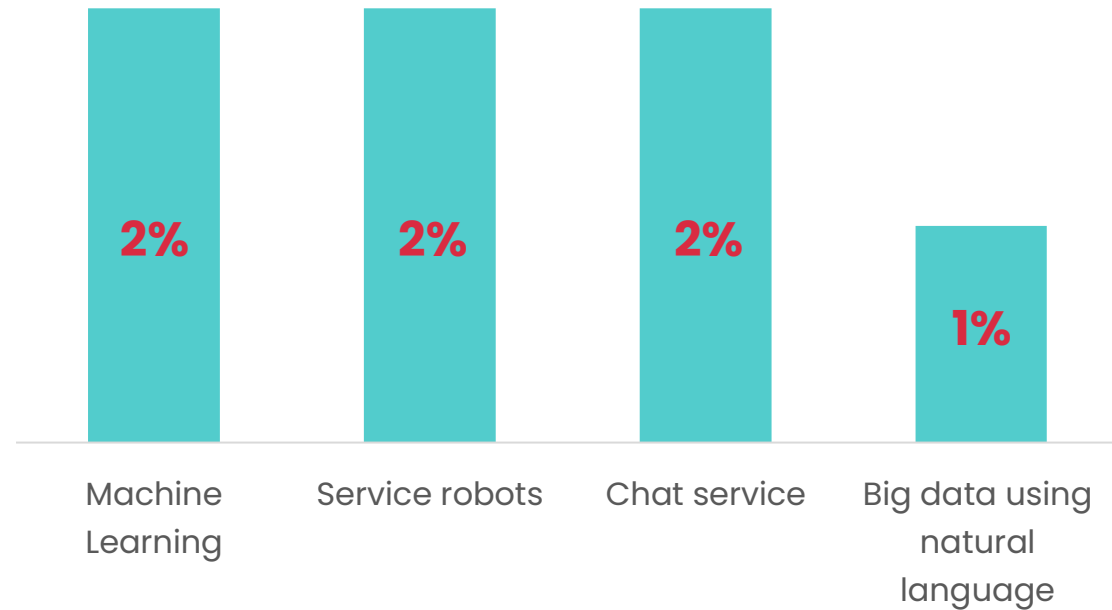
*Laboratory for
Manufacturing Systems
& Automation*

AIRISE – Motivation

SMEs represent



Enterprises using AI in the EU (2020)



ec.europa.eu/eurostat 

AIRISE – Consortium

AIRISE – Artificial Intelligence in Manufacturing for Sustainability at SMEs

Coordinator: Laboratory for Manufacturing Systems & Automation (LMS)

Duration: 42 months

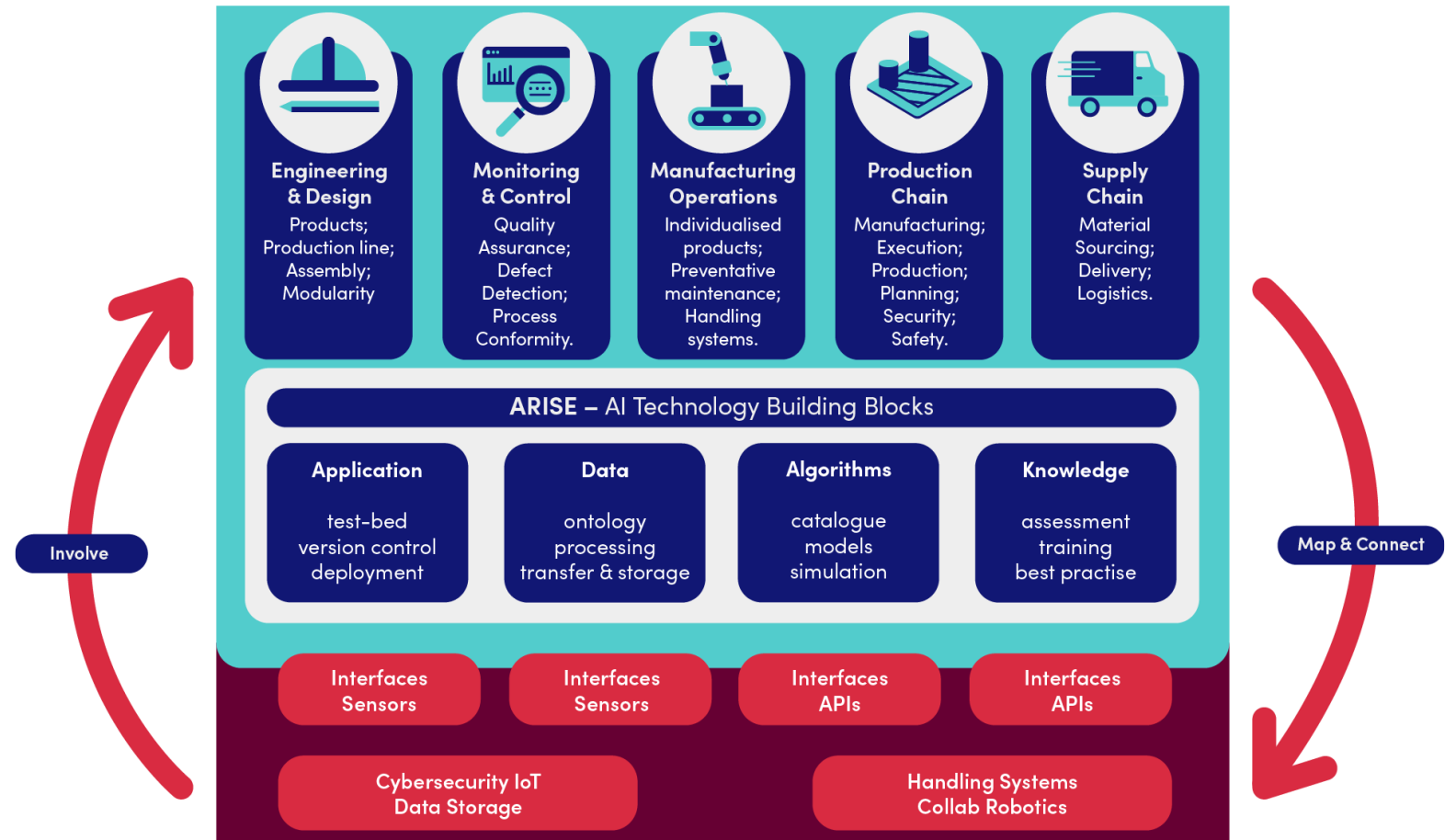
EU contribution: € 7.738.776

- **14** partners
- **3** SME clusters/associations
- **11** Countries

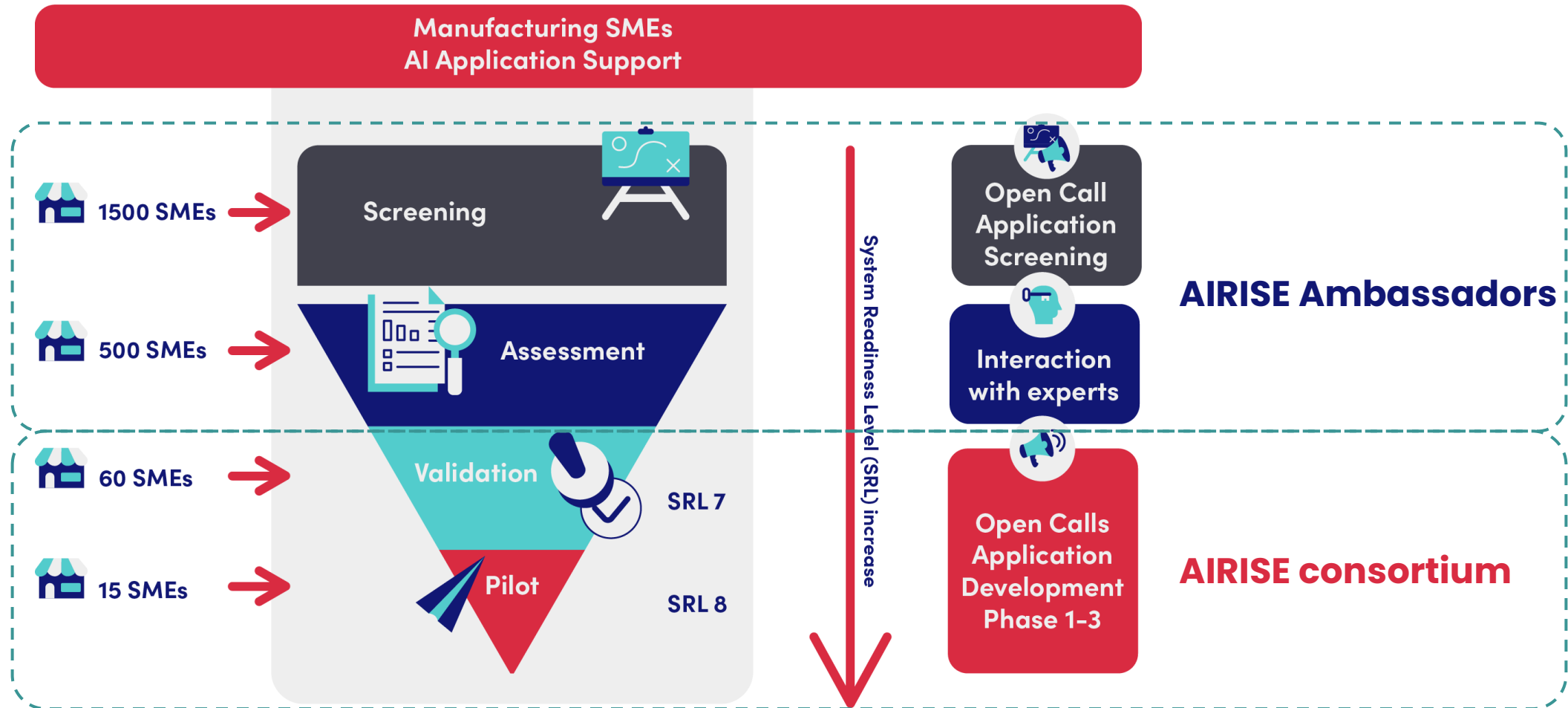


AIRISE – Overall Goal

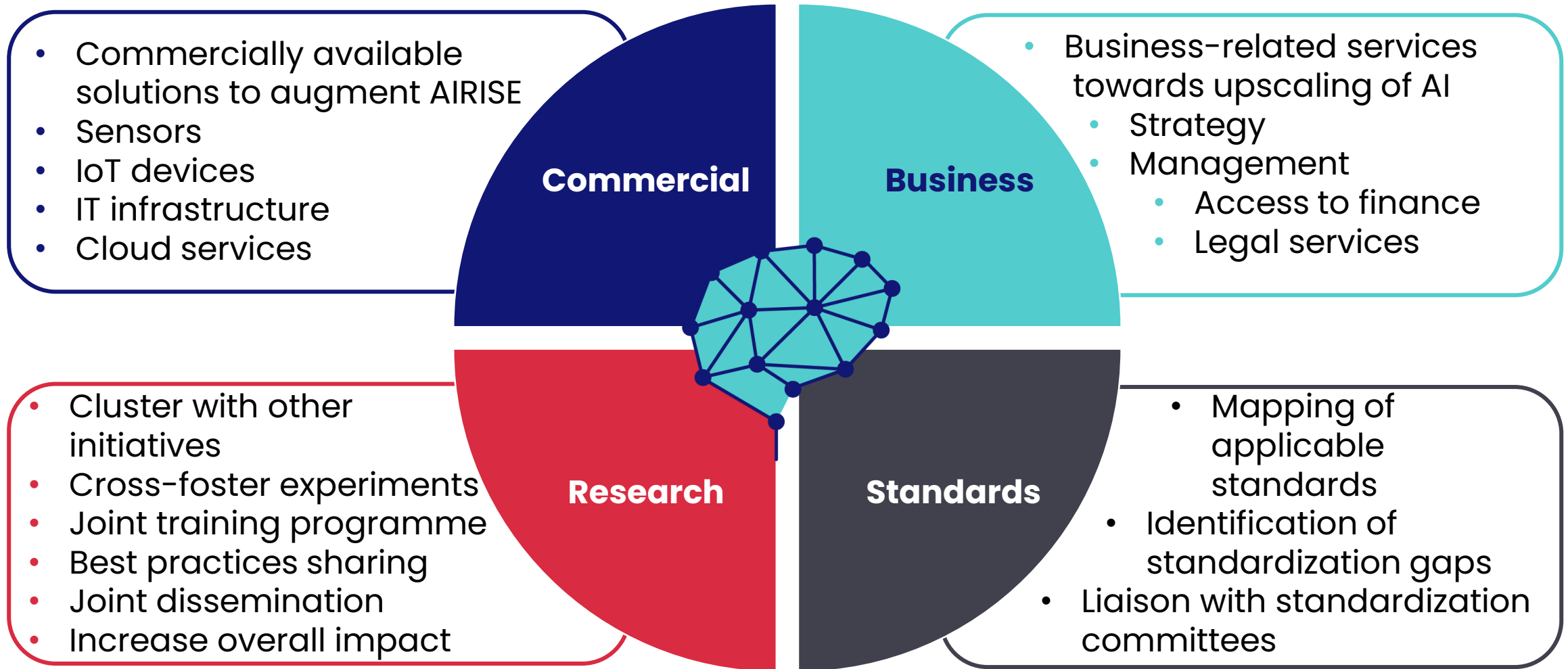
AIRISE aims to create a framework to **support European SMEs** in the **uptake of Artificial Intelligence** applied in **manufacturing**, with a specific focus of the use of **AI-enabled applications at the edge**, focusing on a **reduction of waste and carbon footprint** while ensuring **resiliency**.



AIRISE – KPIs on SME Reach & Engagement



AIRISE – Ecosystem



AIRISE – Ecosystem



products & integration

business & finance

standards & training

products & integration

business & finance

standards & training

products & integration let it shine again

The integration of new technology into existing shop-floor environments is a challenge. It is however the most beneficial process, too. AI solutions can blend into your shop-floor by design if you consider it from the very beginning. In this section, we offer you support on adapting machines and installing new sensors so that you can gradually enhance your infrastructure. If it is on new compute devices or storage, if it is on additional actuators or a new conveyor belt. There are companies around that are well aware of possibilities to adapt existing equipment so that it can shine again under the umbrella of an AI solution.

Check out the listed service providers or contact us to discuss your plans.



AIRISE – Assessment system

Questionnaire

- Company profile
- IT Capability
- Data Sources
- Challenge
- Resources

Recommendations

- PDF with recommendations per category
- Individualised per submission with company name and submitting person
- CTA for feedback and follow up action

Challenge

Please provide answers in this section to help us understand the challenge in your manufacturing environment that you want to address with AI.

21 About the challenge that you actually consider to solve with AI and its influence on your business, finance and workforce.

	Not at all	Partially	Moderately	A lot	Absolutely	No answer
The challenge is an actual problem	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
The challenge is new business opportunity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
We know the root cause of the actual problem	<input type="radio"/>					
Our work force would be happy about a solution	<input type="radio"/>					
The problem has significant impact on our business	<input type="radio"/>					
The opportunity would significantly enhance our business	<input type="radio"/>					

AIRISE Assessment System

AIRISE.EU

Recommendations

e-mail:

Dear

We have received your answers and run them through our assessment system. Please find below the automatically generated recommendations. We are continuously enhancing the procedures. Please let us know how you receive the recommendations.

Infrastructure: Data Sources (A)

From your responses, we understand that a capable stream of data sources exists in your company and AI solutions can be applied. Please have a look at the AIRISE service catalogue under "Process monitoring and control AI Services" to check for possible additional support for your activity.

Please consider this recommendation with care as 1 out of 9 answers was not provided.

Infrastructure: Data (C)

The amount of required data seems sufficient to implement AI solutions in your company. Please have a look at the AIRISE service catalogue under "Process monitoring and control AI Services" to check for possible additional support for your activity.

Please consider this recommendation with care as 1 out of 9 answers was not provided.

AIRISE – Open Calls for SMEs

Who can apply?

- Manufacturing SMEs that want to apply AI solutions in their shopfloor

What you need to do?

- Describe your challenge
- Outline how AI could help you solve it
- Outline a proposed implementation plan

What do you gain?

- AIRISE expertise and support up to 2 PMs offered as Services:
 - Design and Engineering
 - Process Monitoring and Control
 - Manufacturing Operations
 - Supply Chain
 - Training
- Financial support up to 40k EUR (funded at 70%)

Apply now!
airise.eu/calls

AIRISE – Open Calls for Ambassadors

Who can apply?

- SME clusters, technological associations or business registers

What you will need to do?

- Appoint 1-2 people for upskilling by receiving a 2-day training from AIRISE.
- Reach out to SMEs, inform them about AIRISE and discuss potential applications.
- Screen application ideas of your SME members with the help of the AIRISE screening tools.

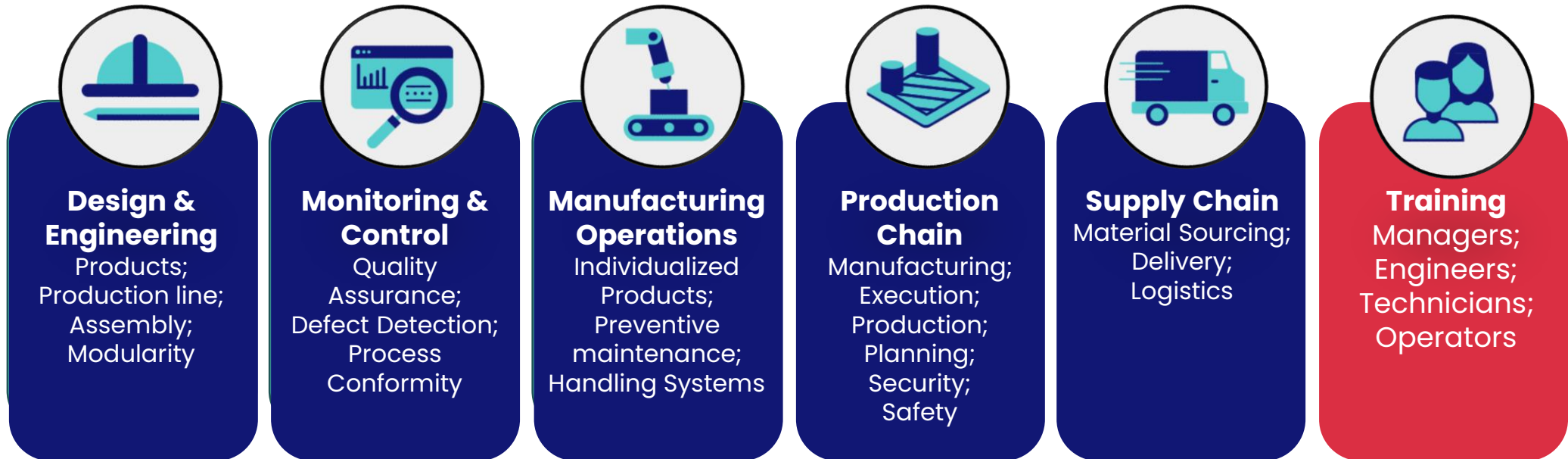
What do you gain?

- Step into the world of AI in manufacturing.
- Receive 2 days of training on AI applications in manufacturing.
- Access to the AIRISE pack of materials – the ultimate checklist for guiding manufacturing SMEs in AI application.
- Drive a community of SMEs pioneering AI applications in your network.
- Expand the portfolio of competences and services by adding AI.
- Expand the access to new funding opportunities for your SMEs at EU level.
- Receive financial support for the engagement in the activities.

Apply now!
airise.eu/calls

AIRISE – Service areas

34 services – Divided into 6 service groups (5 technical + 1 training)



Provided by the AIRISE Partners



AIRISE

Any questions?

Contact us!

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