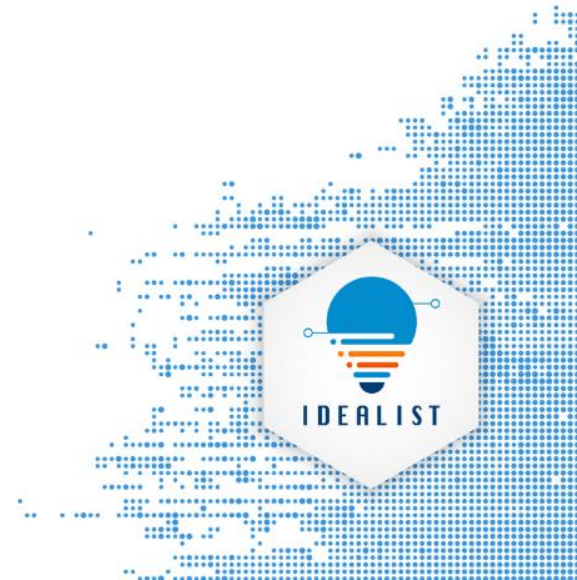


IDEALIST

«*Weaving Innovation into Resilience*»

3th June, 2025

Joanna Wagner – Dobosz (Silesian Aviation Cluster)



IDEALIST

IDEALIST : 3 InDustrial Ecosystems tackling supply chains disruptions and boosting advanced technologies uptake

GRANT AGREEMENT: 101138366 (Coordination and Support Action; funded under HORIZON-CL4-2023-RESILIENCE-01)

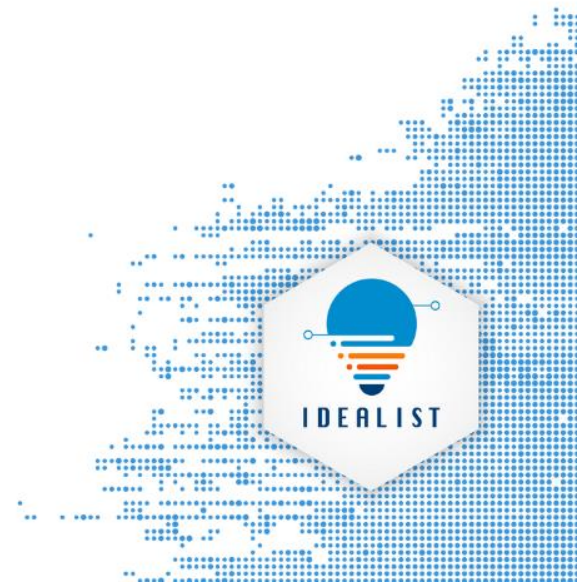
START DATE: 1 December 2023

DURATION: 36 MONTHS

TOTAL FUNDING: 2,3 Millions EUR

CONSORTIUM: 14 FULL BENEFICIARIES

COORDINATOR: CIMES – Creating Integrated Mechanical Systems (Loïc MARIN)



BACKGROUND

Global supply chains have been disrupted by hazards, geopolitical interventions (e.g., REE export stop by China), pandemics, and a shifting world order.

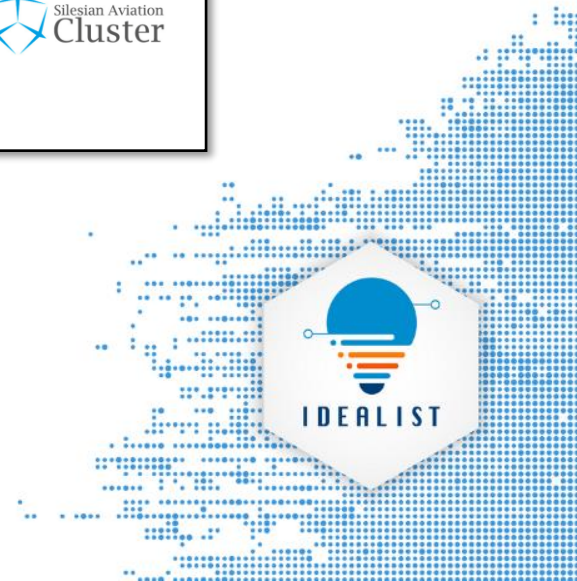
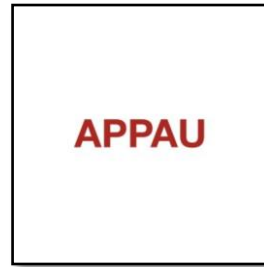
EU industries must adapt to **post-crisis economic changes**, including shifts in consumer and industrial demand, competition, and sustainability objectives.

European industrial ecosystems are **vulnerable**, raising concerns about European sovereignty.

Fast adaptability to change and **uptake of advanced technologies (ATs) are crucial** for European competitiveness.

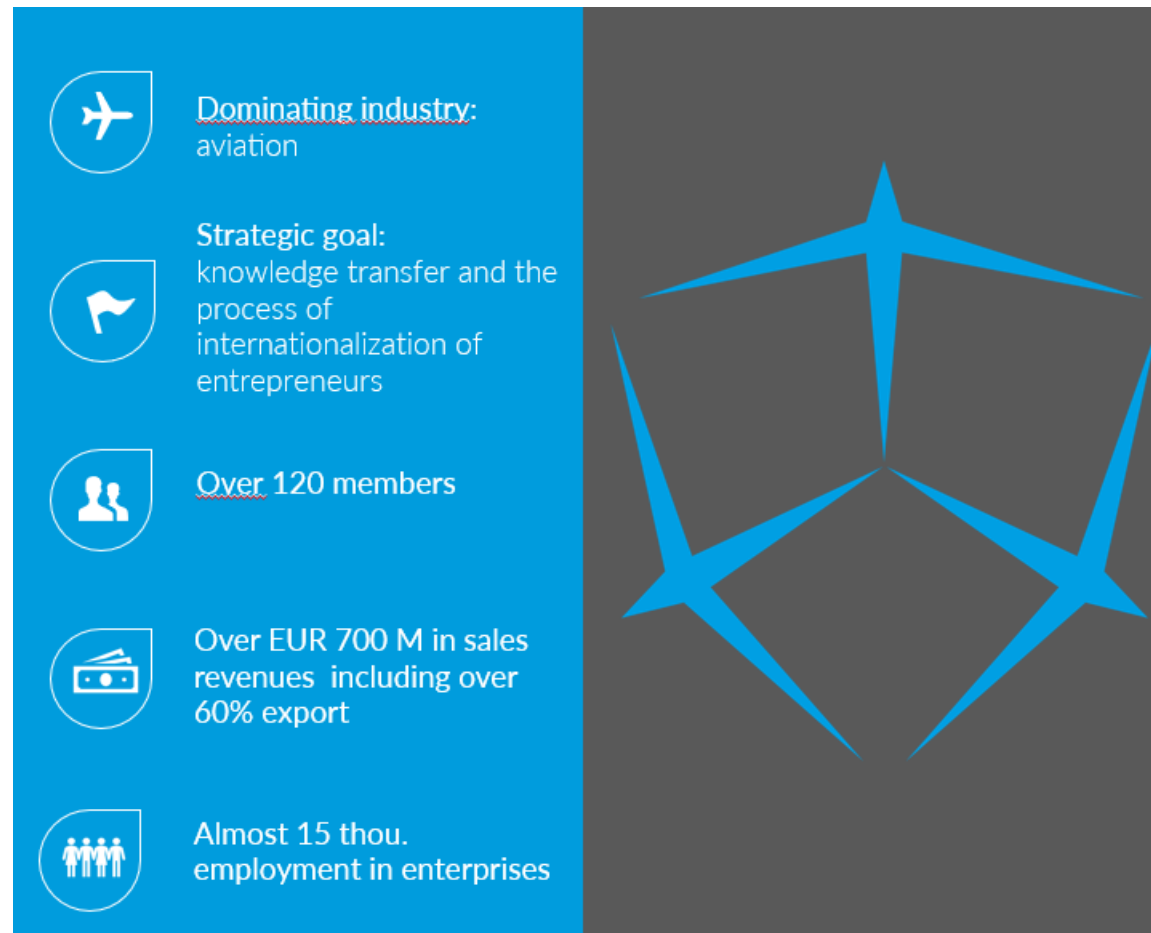
SMEs, the backbone of the European economy, **require support** to adapt to changing value chains and demand, **enhancing resilience**.

14 PARTNERS

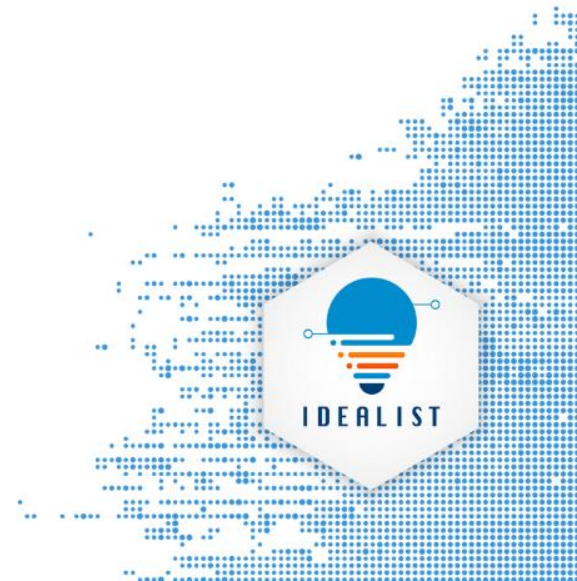


SILESIAN AVIATION CLUSTER

We create conditions for permanent cooperation between aviation industry companies and institutions having direct and indirect impact on the development of the industry, business environment institutions, financial institutions, science and R&D institutions.



Funded by
the European Union



SAC - CURRENT INITIATIVES



Education: BCU SKYPORT in Katowice, BCU SL in Radom



Rzeczpospolita
Polska

Sfinansowane przez
Unię Europejską
NextGenerationEU



International project **Idealist**



International project - **CORNET**

Novel Thermal Barrier Coatings with Polymer-Derived Ceramic interlayers for jet engine critical components



SILESIA AVIATION AND DRONES DAYS – 6th edition



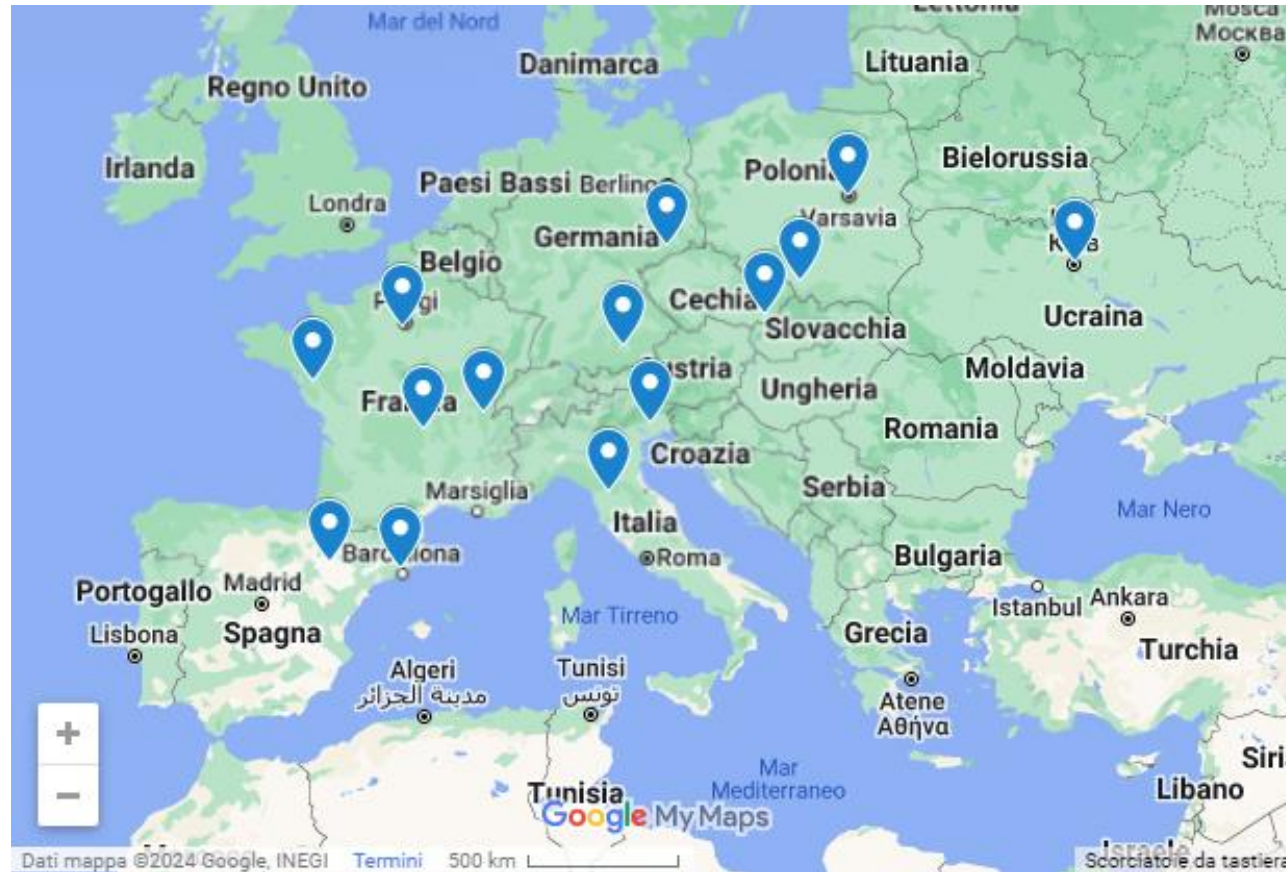
Cooperation with international cluster's organizations: **EACP, EDC**



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the European Union



7 EU COUNTRIES



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the European Union



3 INDUSTRIAL ECOSYSTEMS

IDEALIST's primary goal is to empower Small and Medium-sized Enterprises (SMEs) in three **key industrial ecosystems**:



**Energy
Intensive
Industries**



**Aerospace &
Defence**



**Mobility,
Transport &
Automotive**

***Industrial ecosystems** comprise **all players** in a **Value Chain**, ranging from start-ups to large corporations, academia, research service providers and suppliers, representing complex **interlinkages and dependencies** among sectors and firms across Countries in the Single Market.*

4 PILLARS



STRATEGIC FORESIGHT

SMEs will be offered with a comprehensive view of upcoming challenges and unforeseen opportunities.



TECHNOLOGICAL UPTAKE

Facilitate connections between SMEs and leading technology suppliers throughout Europe, promoting innovation and technological progress



SUPPLY CHAIN RESILIENCE

Addressing supply chain disruptions will enable SMEs to identify critical dependencies and reduce the impacts of VC interruptions



COLLABORATION & NETWORKING

Networking opportunities, including inspiring business trips and access to a community platform (AGORA), to facilitate cross-sector collaboration



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the European Union



STRATEGIC FORESIGHT


Enhance strategic foresight practices among manufacturing SMEs to anticipate long-term changes, identify disruptions and seize opportunities.



ACTIVITIES:

- Training provision to industrial partners on strategic foresight («Train the Trainers»).
- Engage traditional SMEs in foresight support services to prepare for future challenges and opportunities.
- Conduct Horizon Scanning exercises with focus groups to identify influential forces of change and disruptions.
- Utilize Horizon Scanning outcomes for decision-making by guiding SMEs in using foresight tools in their planning and strategizing activities.

 **MAJOR OUTCOMES:** Foresight Toolbox & Horizon Scanning implemented at business level.

 **IMPACT :** improved understanding of long-term changes and disruptions shaping industrial ecosystems.
Identification of critical drivers of change and opportunities for innovation.

TECHNOLOGICAL UPTAKE

Facilitating Technology Uptake by traditional SMEs




ACTIVITIES:

- Identification of critical technologies: Listing essential Advanced Technologies (ATs) and Critical Materials & Components (CM&C) by region/countries.
- Mapping tech-savvy companies: Identifying local companies and R&D facilities offering innovative solutions for industrial SMEs.
- Inspiring technology adoption: Curating use-cases from local tech-savvy companies to encourage adoption among SMEs.

MAJOR OUTCOMES:

- Comprehensive overview of existing solutions provided by tech-savvy companies.
- Technology Adoption Roadmap to guide SMEs in aligning goals with specific technology solutions.
- Catalogue of use-cases inspiring technology adoption among SMEs.

 **IMPACT ON SMEs:** Increased awareness and adoption of ATs among traditional SMEs.

SUPPLY CHAIN RESILIENCE

Strengthening Resilient Supply Chains for EU SMEs




ACTIVITIES:

- Analyze EU market conditions and regulations impacting SMEs' adoption of advanced technologies.
- Scan for alternative suppliers of critical materials and components and map critical raw materials supply schemes.
- Promotion of collaboration and knowledge sharing among European umbrella organizations to strengthen supply chains.

MAJOR OUTCOMES :

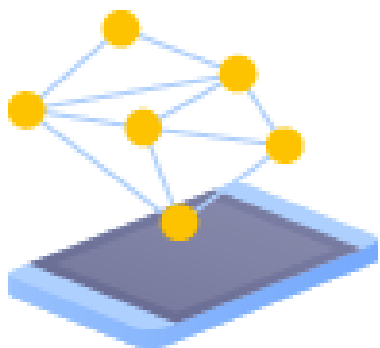
- List of alternative critical materials, components and Advanced technologies suppliers. Factsheets to inform SMEs about critical raw materials and feedstocks, facilitating strategic decision-making will be also delivered.
- Creation of factsheets to inform SMEs about critical raw materials and feedstocks, facilitating strategic decision-making.

 **IMPACT ON SMEs:** Diversification of supply chains and procurement strategies to mitigate supply shocks and disruptions.



COLLABORATION & NETWORKING

Enabling strategic alliances and facilitating business opportunities & knowledge exchange




ACTIVITIES:

- Promotion of the **AGORA platform** (social innovation platform provided by EIT Manufacturing)
- Organise study business trips (**Learning Expeditions**) for SMEs to share best practices, introduce solutions, and facilitate networking.
- Organize **Hack&Match events (pilot projects)** to address specific challenges and foster collaboration between solution seekers and providers.

MAJOR OUTCOMES:

- Rolling out of a **matchmaking sphere** for solution providers and seekers through AGORA.
- **5 Learning Expeditions** for SMEs “abroad”, consisting of visits and demonstration of best practices and solutions at pilot lines.
- **5 Hack&Matches**, focused on building alliances among traditional and tech-savvy SMEs through industrial cluster organisations

 **IMPACT :** Creation of a “living” community among tech savvy and traditional SMEs, improve collaboration and cross-fertilization between tech-savvy and traditional SMEs, solutions providers and seekers.

COLLABORATION PLATFORMS

IDEALIST promotes the exploitation of:



AGORA

- **AGORA** platform is the social innovation platform provided by EIT Manufacturing.
- You can ...
 - Connect with top industry experts
 - Exchange ideas, innovate collaboratively across Europe,
 - Participate to events,
 - Access insights, drive sustainable value chains.

www.agora-eitmanufacturing.eu



INNOVATION
RADAR

- A catalogue of over 10,000 EU-funded innovations
- Innovation Radar serves as a vital resource for investors, innovators, and the public
- It facilitates connections with investors, accelerating the journey from concept to market.

www.innovation-radar.ec.europa.eu





**12th - 13th
June 2025**

**INNOVATIVE
INDUSTRY**

**DIGITAL
TECHNOLOGIES**

**Travel
vouchers
for SMEs**



Contact Us! info@idealist-project.eu



LEX EXPEDITION

We organize study visits for SMEs to showcase the forefront of advanced manufacturing solutions in strategic sites in Europe. Next appointment is Katowice, Poland on 12th and 13th June 2025.

STRATEGIC FORESIGHT WORKSHOP

We organize an online workshop about Strategic Foresight specifically designed to enhance the resilience of SMEs across the 3 industrial ecosystems.

This initiative is geared towards empowering businesses to effectively manage and preempt global disruptions such as the COVID-19 pandemic, geopolitical tensions, and other significant challenges.

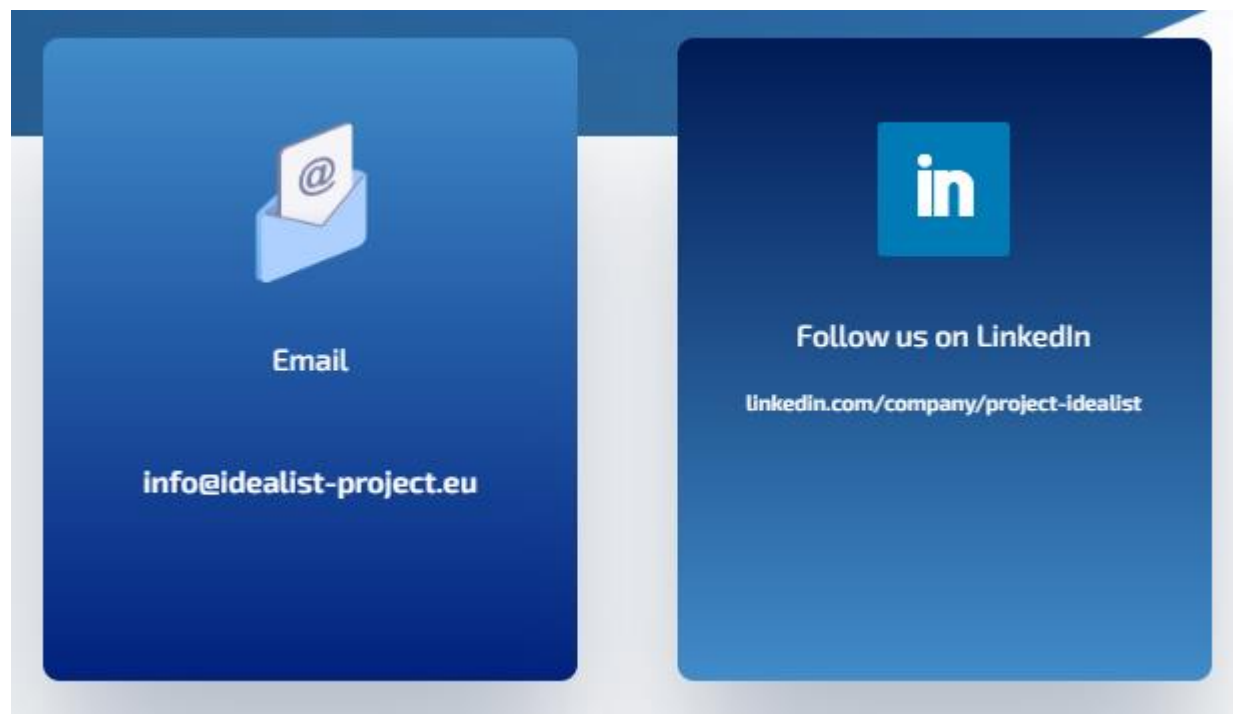




JOIN IDEALIST

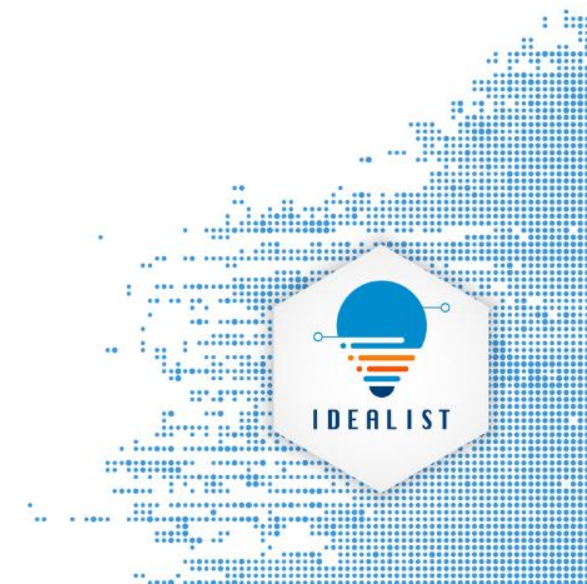


**Discover how IDEALIST can help your SME thrive
in a rapidly evolving industrial landscape**



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www.idealism-project.eu





IDEALIST

THANK YOU

3th June, 2025

Joanna Wagner-Dobosz (Silesian Aviation Cluster)

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Śląski Klaster
Lotniczy



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