

PROBLEM/ISSUE ADDRESSED

The economic crisis caused by the pandemic have led to supply chain problems and a strong inflationary pressure, demonstrating the fragility of traditional economic sectors, especially in the manufacturing industry. This turbulent environment urges the companies, especially SMEs, to adapt and transform themselves permanently, so they can enhance their competitive advantage in the future.

SOLUTION

The SURE5.0 project aims to support European SMEs to advance in their digital transformation process while becoming more human-centric, sustainable and resilient. Focusing on three strategic industrial ecosystems: Aerospace & Defense, Mobility, Transport & Automotive, Electronics.

WHY IT IS IMPORTANT FOR SOCIETY

SURE 5.0 will create the ground for sustainable, robust and better integrated ecosystems in these sectors. The services offered and the financial support provided will contribute to increasing the strategic autonomy of the EU:

- decreasing the use of critical raw materials in their manufacturing processes,
- designing new business models to integrate the adoption of circular economy processes in the manufacturing industry,
- enhancing the sustainable and digital transition of SMEs, making them more resilient,
- fostering the adoption of key digital and digital technologies in industrial value chains,
- refocusing manufacturing processes on humans,
- integrating social innovation into industrial business models.

“ *The adoption of advanced technologies by SMEs will boost the progress of further research and innovation activities that will contribute to European leadership as well as excellence.* ”


MAIN RESULTS & INSIGHTS

-  Increased awareness of the Industry 5.0 paradigm by European industry.
-  Webinars, workshop sand peer-learning events on Industry 5.0 topics.
-  Assessment methodology to evaluate the Industry 5.0 current status.
-  Enhanced adoption of advanced technologies by SMEs.
-  €2,650,000 funding allocated to SMEs.
-  Policy recommendations to foster the uptake of Industry 5.0.



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MAIN PRODUCT
SURE5.0