

Implementing Innovative Methods for Safety and Sustainability Assessments of Chemicals and Materials Particularly at Nano Level in the European Union



The project CheMatSustain under No. 101137990 has received funding from the European Union under the Horizon Europe Programme

Duration

JAN 2024 - DEC 2027

Budget

€4.9 MILLION

Meet

THE PARTNERS



Lodz University of Technology



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UNIVERSITÀ DI BOLOGNA



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UNIVERSITÀ
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DI URBINO
CARLO BO

Check Out
Our Website!



Contact Us



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[CheMatSustain](#)

About THE PROJECT



CheMatSustain is a research initiative, funded by the Horizon Europe Programme of the European Union. Spanning for a 48-month period, our consortium comprises 10 scientific partners from 7 EU countries, alongside collaboration with 1 esteemed UK Associate Partner and lead by the Hamburg University of Applied Sciences.

CheMatSustain promotes nanotechnology and Safe and Sustainable by Design (SSbD) strategies for safer, greener materials, fostering a climate-neutral, circular economy through collaboration and innovation.

What's the Impact?



Aligned with the EU Green Deal and Chemicals Strategy for Sustainability.



Focus on **reducing toxicity, resource use, and carbon footprint** of nanomaterials.



Safe & Sustainable by Design (SSbD) principles guide the development of materials from the start.



Promotes **data transparency** and tools to support safer innovation.



Life Cycle Assessment (LCA) is used to evaluate environmental impact at all stages.



Engages with **policymakers, industry, and society** to support uptake and long-term impact.

