

SMARTER DECISIONS FOR SUSTAINABLE MATERIALS

Discover the CoBRAIN Sustainable
Decision Support System (SDSS)



REGISTER FOR FREE



A digital environment developed within the CoBRAIN project to support informed, sustainability-oriented decision-making in advanced materials and coating engineering.

Transforming Data into Sustainable Choices

To support the development & assessment of advanced material solutions, CoBRAIN SDSS brings together:

- **COMPUTATIONAL MODELLING**
- **AI-DRIVEN INSIGHTS**
- **EXPERIMENTAL KNOWLEDGE**
- **SUSTAINABILITY INDICATORS**
- **INTEROPERABLE DIGITAL WORKFLOWS**

Why CoBRAIN SDSS?

- ✓ INTEGRATES DATA, MODELS & EXPERTISE
- ✓ SUPPORTS SUSTAINABILITY-AWARE DECISIONS
- ✓ ENABLES TRANSPARENT & INTEROPERABLE WORKFLOWS
- ✓ BRIDGES MODELLING & EXPERIMENTATION
- ✓ FACILITATES COMPARISON OF ALTERNATIVE SOLUTIONS



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TURNING COMPLEXITY INTO CONFIDENCE

Connect Knowledge

Bring together computational modelling, experimental data and process information within a unified framework.

Support Intelligent Decisions

Leverage AI-driven approaches and integrated digital tools to support informed decision-making.

Promote Sustainability

Support decision-making that considers

sustainability alongside technical and performance requirements, aligned with Safe and Sustainable by Design (SSbD) principles.

Enable Interoperability

Facilitate information exchange and reuse through ontology-based digital workflows.

Compare Alternative Solutions

Explore and compare materials and coating solutions based on performance, sustainability and other relevant criteria.



DESIGNED FOR

- Researchers
- Industry & Manufacturing Stakeholders
- Engineers and Materials Scientists
- Digital Innovation Communities
- Sustainability-oriented Decision Makers

From Data to Impact

The CoBRAIN SDSS bridges modelling, experimentation, AI and sustainability to turn advanced materials data into more informed decisions and innovation.

**Don't forget to register, open and export
the Datasheet to check all the information.**



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TITOMIC



UNIVERSITAT DE
BARCELONA

Roma Tre

VTT



@CoBRAIN Project
info@cobrain-project.eu

COORDINATOR
UNIVERSITÀ DEGLI STUDI DI MODENA E
REGGIO EMILIA (UMR),
VIA UNIVERSITÀ 4, MODENA 41121, Italy

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