

# The international ecosystem for accelerating the transition to Safe-and-Sustainable-by-design materials, products and processes

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Funded by the  
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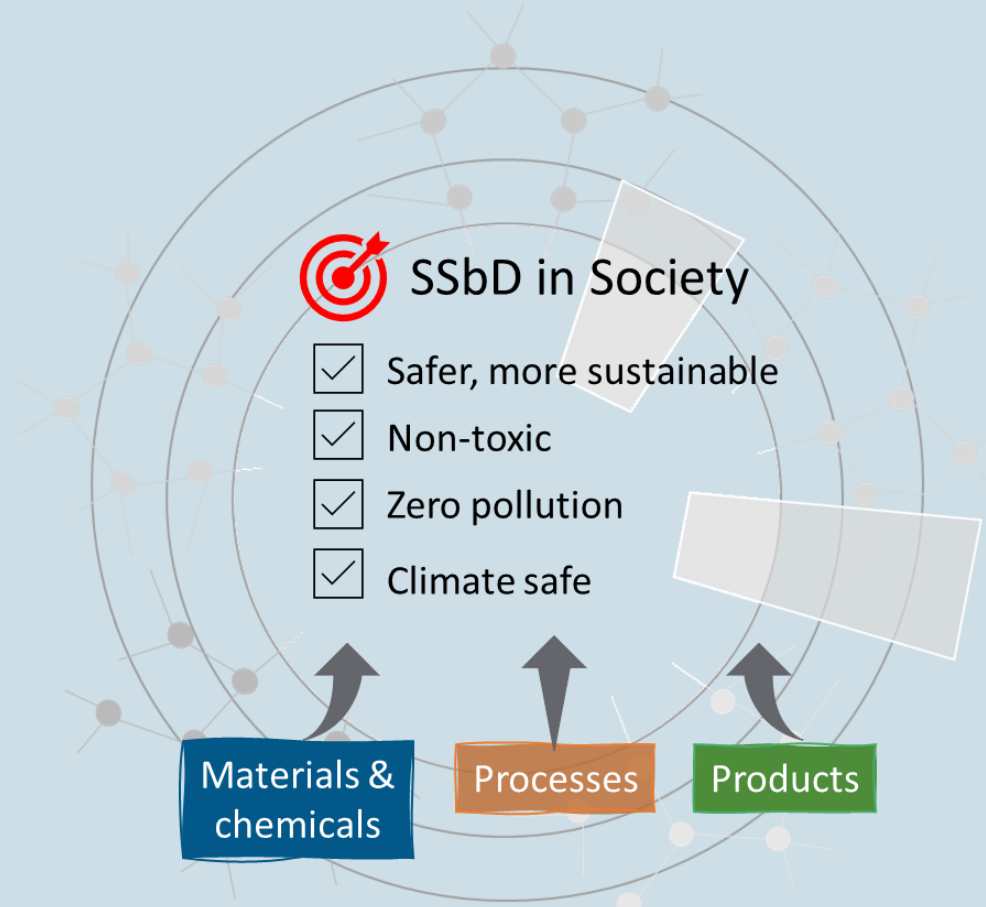
UK participants in Project IRISS are supported by UKRI grant 10038816

CH participants in Project IRISS receive funding from the Swiss State Secretariat for Education, Research, and Innovation (SERI)

# The IRISS project

The IRISS project aims to connect, synergize and transform the SSbD community in Europe and globally towards a life cycle thinking

- Develop a **global permanent network** for long term cooperation
- Support the **SSbD implementation** in industry **along value chains** to achieve more safe and sustainable products
- Building, sharing and transferring the **skills and knowledge** on SSbD
- Establish **synergy** with industry, EC and projects on SSbD concepts
- Establish cooperation mechanisms to **align** SSbD challenges
- Focus on **materials including both products and processes**, considering the progress in chemicals and nanotechnology fields



# Our partners and network



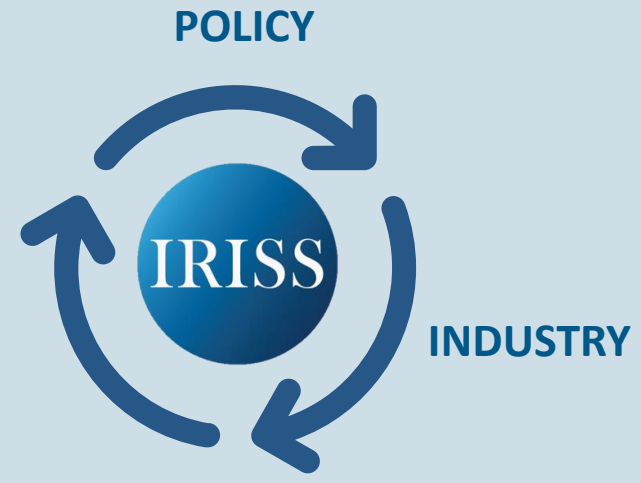
# Towards an efficient science-policy-industry interface

- IRISS-NSC collaboration
- IRISS-PARC collaboration
- IRISS- H2020 and HE projects
- IRISS-OECD synergies
- Several research institutes and universities represented in the project



IRISS structural dialogue with:

- EC RTD
- EC JRC



Cefic coordinates SusChem NTPs and seven value chain's representatives



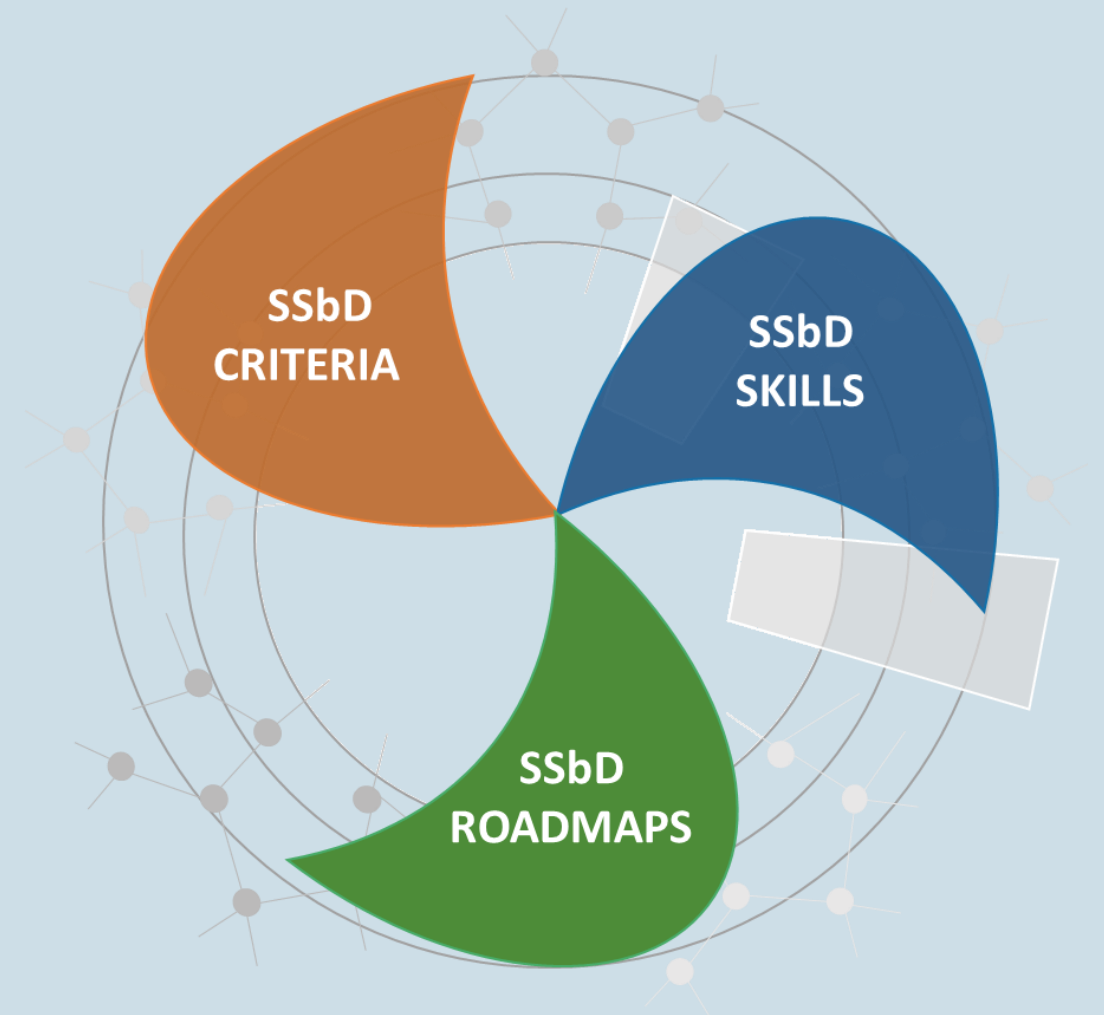
*Science-Policy-Industry Interphase*

# What is SSbD?

The concept of Safe-and-Sustainable-by-Design is the core of the IRISS project, which includes focusing **early** in the innovation process providing **circular models** while **avoiding properties that may be harmful to human health or the environment** throughout the value chain.

SSbD combines:

- **Safe-by-design** (SbD) methods and criteria
- **Sustainable by design** (SusbD) methods and criteria
- **Lifecycle** methods and criteria
- Design for **circular economy** and **climate neutrality**



# Activities

- Raising general **awareness** on SSbD concept and contributing to **common understanding** of the SSbD concept
- Supporting implementation of the SSbD concept in various **value chains**
- Supporting implementation of the **EU SSbD Framework**
- Facilitating dialogues with **experts**
- Participating in **project and policy collaborations**
- Contributing to and organising **events and trainings** with diverse audiences
- Building the **international** SSbD community



## Reports

Take part of the reports pro

- Sustainable-by-Design meth  
[Executive summary](#)
- Analysis of the value chains,  
☞
- Analysis of lifecycle steps, th  
[report on Cordis](#)
- Mapping of Safe-by-Design  
[Executive summary](#)



## News and events

News and event from the IRISS project.

- Read [news from IRISS-project here](#)
- Read about the [events we organise or participate in here](#)
- Read our [newsletters](#)
- Read about [our previous events](#)

# SSbD Roadmap published

- The SSbD roadmap translate SSbD from a **policy ambition to a practical, operational and implementable concept**
- The SSbD roadmap provides **recommendations on how to bring SSbD to practical applicability with synergy** to industry, academia, NGOs, policy makers, regulators and all stakeholders **along the life cycle.**
- The SSbD roadmap encompass:
  - Research needs;
  - Skills, competencies, and education needs;
  - Knowledge and information sharing needs.

[Access the publication here](#)



# The IRISS SSbD Community



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## Accelerating the Industrial Transition with Safe-and-Sustainable-by-Design

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# The IRISS SSbD Community

The IRISS SSbD Community is open to **SMEs, larger companies, researchers, authorities, NGOs and others** who work with SSbD or are interested in learning more



# Benefits of joining



**Connect** to a community working with or interested in SSbD

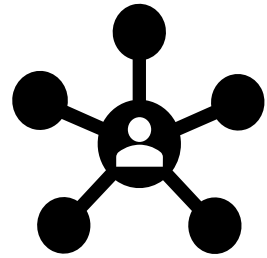


**Discuss** your ideas, challenges and solutions in industry-specific spaces



**Get access** to best practices, guidelines, trainings, newsletters and the latest in SSbD

# IRISS' current and future benefits



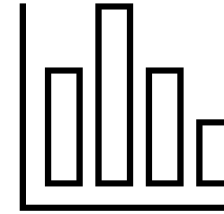
IRISS SSbD  
Community



Information and guidelines  
about SSbD for your  
industry



Working groups



The latest articles  
about SSbD



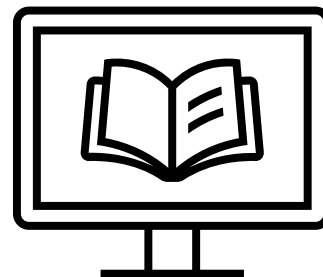
Consortium building  
for projects



Matchmaking to tackle  
SSbD challenges



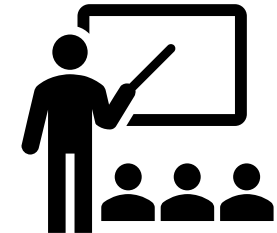
The SSbD  
voice



Training sessions and  
workshops



Tools for SSbD



Annual conference

# IRISS SSbD Community



# Join us today!

(free before May 2025)



[iriss-ssbd.eu](https://iriss-ssbd.eu)



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