



ASiNA exploitation workshop

Toward industrial application of the Safe and Sustainable by Design (SSbD) approach

22 September 2023 | 9:00 - 13:00

@NanoInnovation 2023

Faculty of Civil and Industrial Engineering, Sapienza University
Via Eudossiana, 18 - 00184 Rome (Italy)

The safety and sustainability of chemicals and materials and their applications are a cornerstone of current EU policy and industrial strategies. Frameworks and criteria for the practical implementation of SSbD approaches have been published by the OECD, European Commission, and industrial actors, such as CEFIC. These will increasingly become premium aspects to access funding and contracts and are a prerequisite to developing products aiming to fulfil sustainable development goals.

The workshop, organized within the NanoInnovation Conference, will showcase experiences and activities at the European level on the development of advanced materials following the Safe and Sustainable by Design approach in key industrial sectors: chemical, plastics, cosmetics, textile, aeronautical, and automotive.

Case studies and exploitable results from the European Projects: [ASiNA](#), [SABYDOMA](#), [SABYNA](#) and [SBD4nano](#) will be presented, together with foreseen activities from the [Repxyble](#) project. Strategies for deployment and exploitation of SSbD methods, processes, and products developed by these projects will be discussed with R&I players and industrial stakeholders.

The workshop is open to both innovators and risk managers in research organizations, companies, institutions, and other organizations active and interested in the safety and sustainability of advanced materials, nanomaterials, and related products.

Participation in the workshop is free, you just need to save a seat!

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We remind you that participation in NanoInnovation is free, you just need to register [here](#).

Organizers:



ASiNA (GA 862444), SABYDOMA (GA 862296), SABYNA (GA 862419), SBD4Nano (GA 862195) and Repxyble (GA 101091891) have received funding from the European Union's Horizon research and innovation programme.

ASINA exploitation workshop: Toward industrial application of the Safe and Sustainable by Design (SSbD) approach

1st SESSION: Learnings on SSbD in industrial processes: comparing case studies from five EU projects on Safe and Sustainable by Design

09:00 – 09:10: Welcome and overview on the EU projects

Lisa Bregoli, Warrant Hub S.p.A. – Tinexta Group

09:10 – 09:20: ASINA – SSbD formulations in the Cosmetic Industry

Ivonne Tonani Tomasoni, RED OF VIEW

09:20 – 09:30: SABYDOMA – Real-life transfer of SSbD platform to industry: coupling ONLINE screening and characterization to a continuous-flow AgNPs production line

Marti Busquets Fite, Applied Nanoparticles Ltd (APPNPS)

09:30 – 09:40: SbD4Nano – SSbD approaches for Cosmetic Application

Stefano Manfredini, Ambrosialab Srl, University of Ferrara

09:40 – 9:50: SabyNA – SbD evaluation of filament manufacturing for Fused Deposition Modelling using the SAbYNA guidance platform

Davide Lotti, LATI Industria Termoplastici SpA

09:50 – 10:00: REPOXYBLE – Biobased multifunctional recyclable epoxy based composites

Elvira Villaro Ábalos, CTO – Chief Technology Officer, Avanzare Innovacion Tecnologica S.L. and coordinator of Repoxyble project

10:00 – 10:15: ASINA – How a standardization tool can boost research and innovation

Elena Mocchio and Adriano Ferrara, UNI

10:15 – 10:30: Q&A

10:30 – 11:30: Break

2nd SESSION: ASINA project exploitation workshop: SSbD industrial application in cosmetics, textile and other sectors

11:30 – 11:45: ASINA expert system

Massimo Perucca, Project s.a.s.

11:45 – 12:00: Antimicrobial textile manufacturing

Juliana Oliveira, CeNTI

12:00 – 12:15: Digital Twin for sustainable manufacturing

Jesús Lopez De Ipiña Peña, TECNALIA

12:15 – 12:30: Industrial-oriented exposure assessment

on line – Joonas Koivisto, APM

12:30 – 12:45: Experimental workflow for the estimation of relevant exposure dose and effects

Rossella Bengalli, UNIMIB

12:45 – 13:00: Round Table

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