



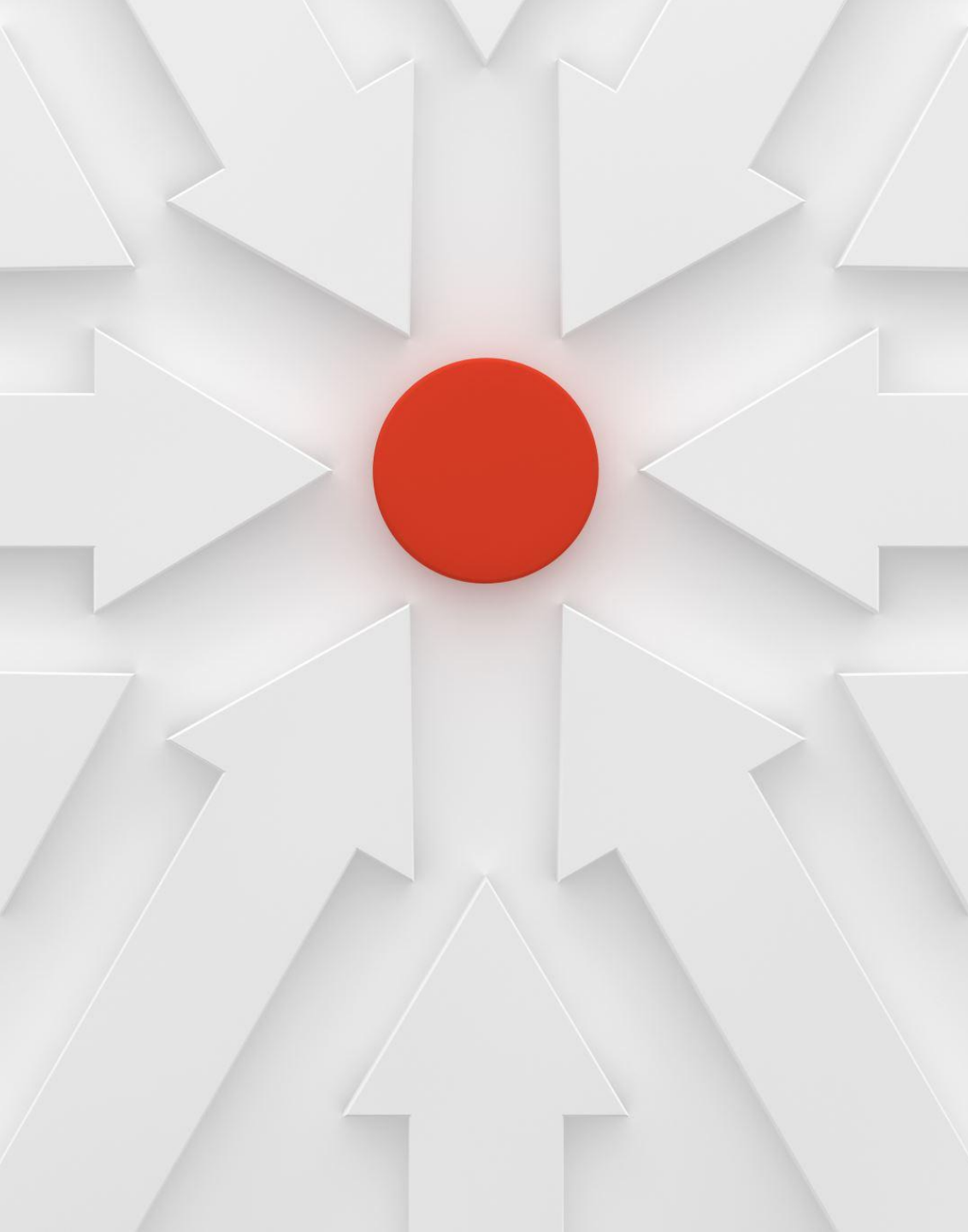
Welcome to the 13th Venice Training School

**INNOVATING WITH PURPOSE: A HANDS-ON JOURNEY INTO
FUNCTIONAL, SAFE AND SUSTAINABLE ADVANCED MATERIALS**

9-13 June 2025

Joint
initiative of
20 EU
projects





Goal

- Advance theoretical knowledge and practical skills in Safe-and-Sustainable-by-Design (SSbD) assessment and decision making for advanced materials

Topics

- Setting the scene: SSbD policy context in the EU
- Environmental, health and safety assessment (Steps 1-3 of EC-SSbD framework), including:
 - Intrinsic hazard properties
 - New Approach Methodologies
 - Relevance of in vivo studies for SSbD
- Sustainability Assessment (Steps 4-5 of the EC-JRC SSbD framework), including:
 - Environmental Life cycle assessment (LCA)
 - Social LCA
 - Lifecycle Costing
- Integrating functionality considerations into SSbD workflows: the role of material characterization and the assessment of functional performance
- Addressing the complexity of advanced materials and their interactions: Multiscale modelling and multidimensional analysis
- Enhancing the uptake of SSbD by industry, especially SMEs: user-friendly decision support tools

Format

Lectures and practical sessions to:

- Build an integrative understanding in the school topics
- Provide an interactive learning environment and direct access to key experts



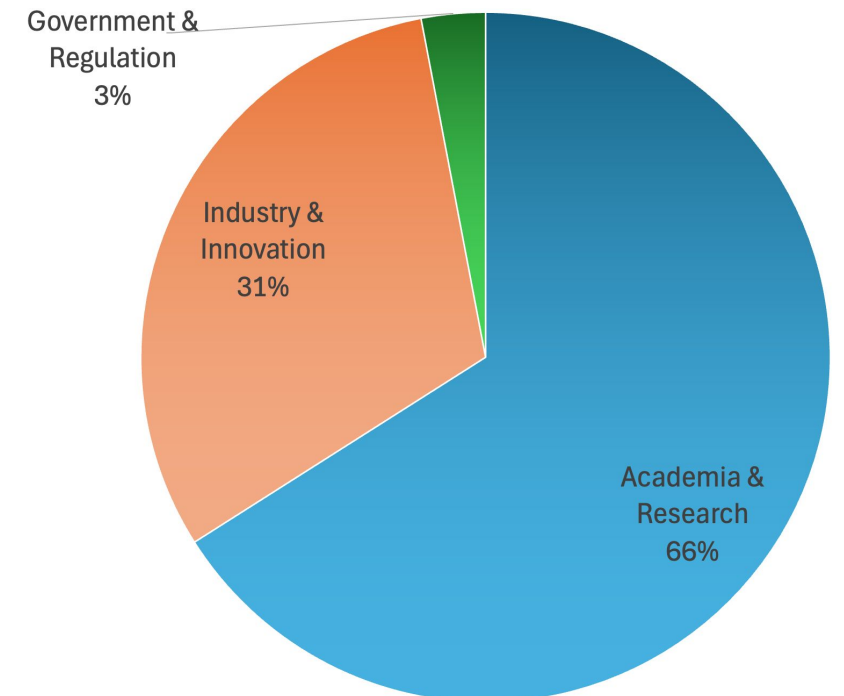
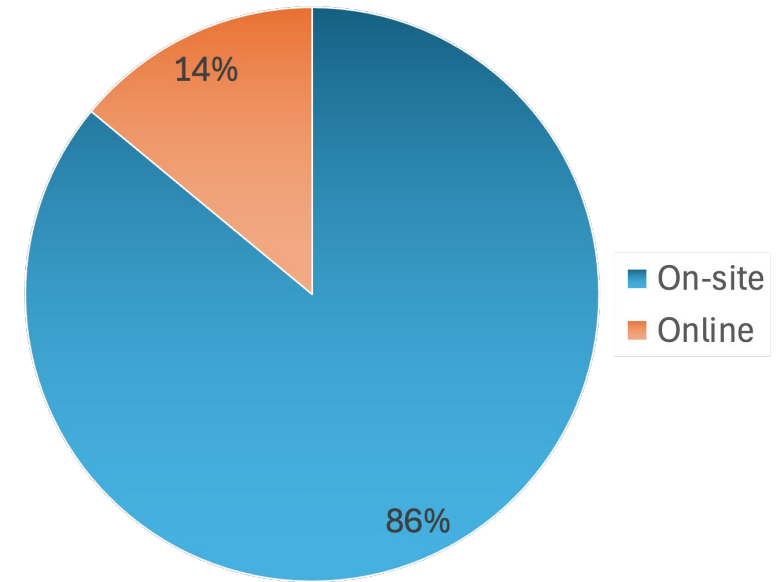
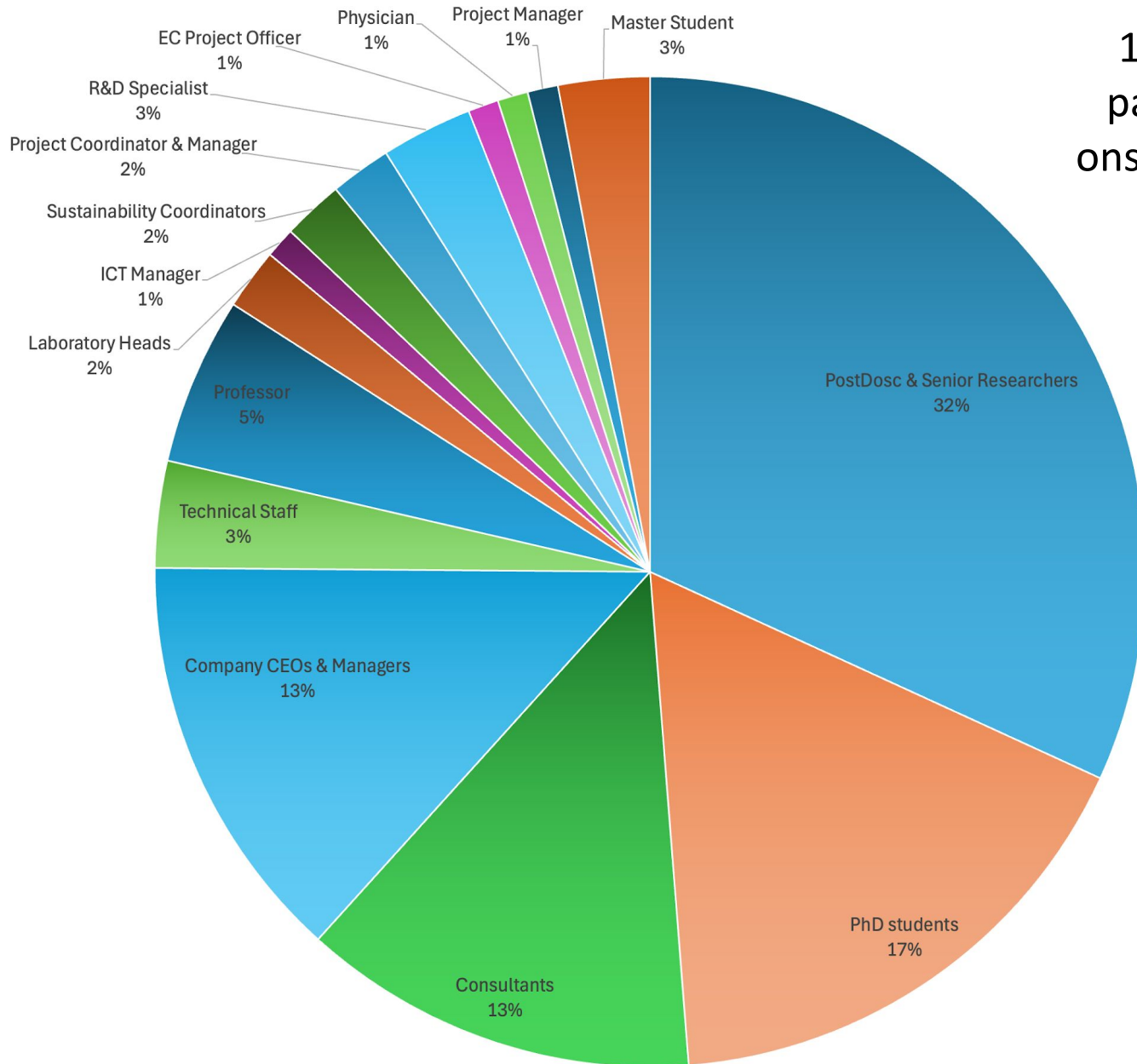
Lecturers

44 lecturers and instructors
from 35 organisations in 14
countries

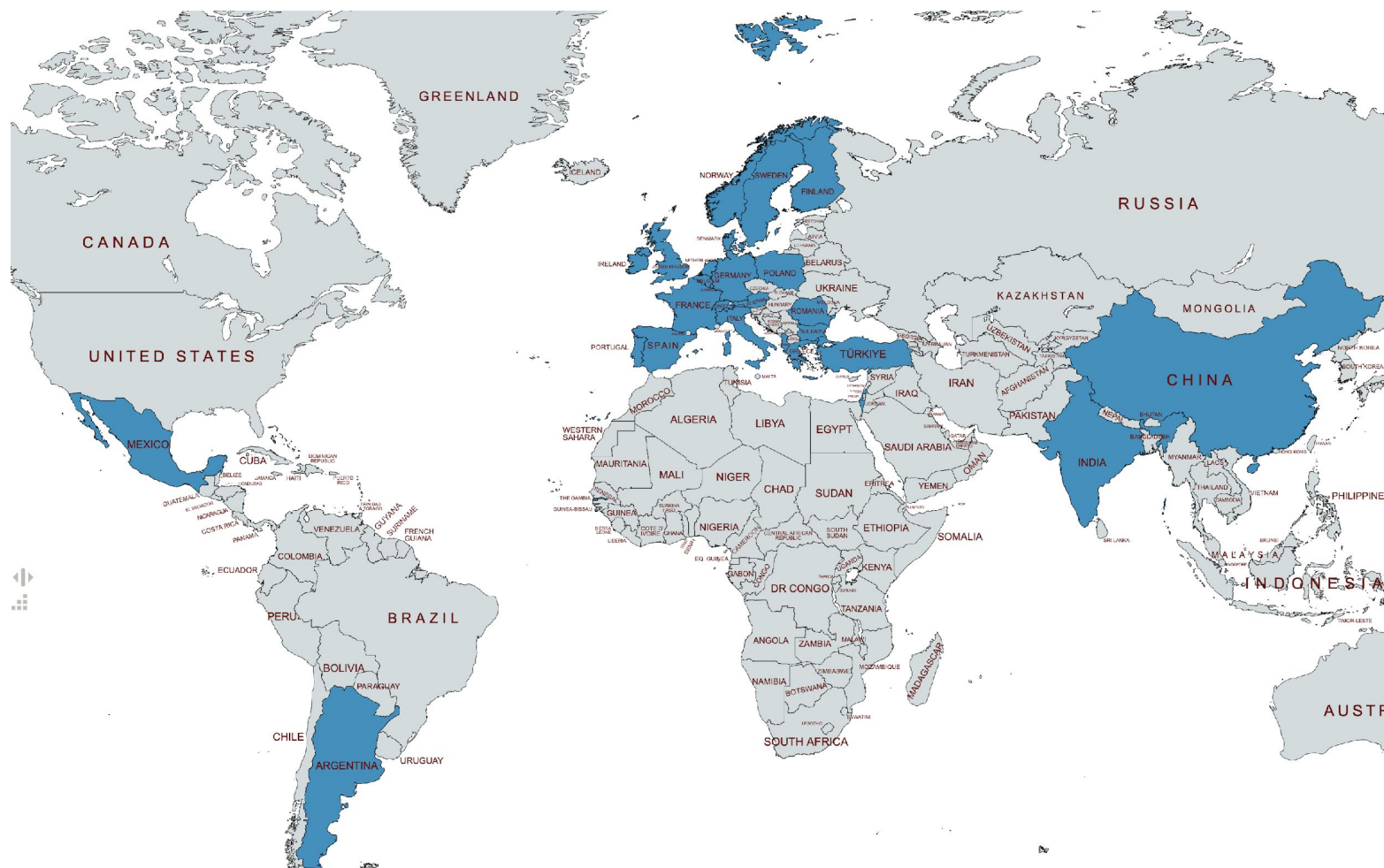
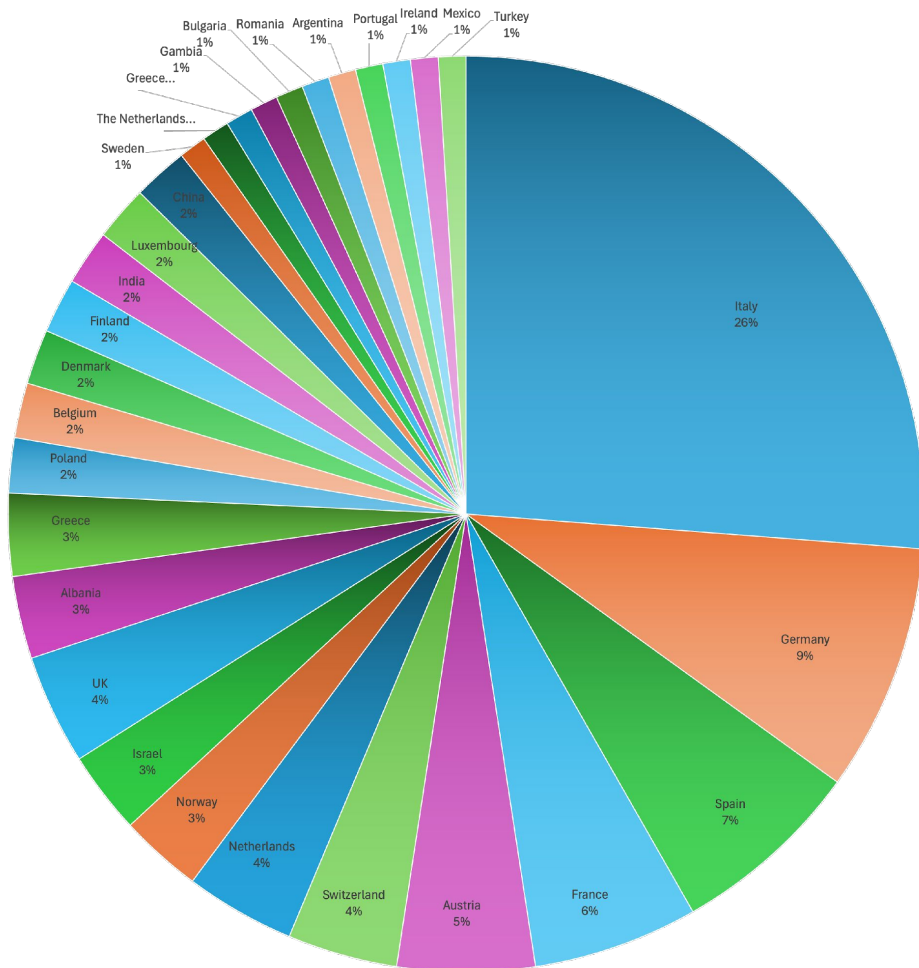


Participants

103 registered
participants (87
onsite & 16 online)



from 30 countries and 3 continents



Location \ Time	Auditorium Santa Margherita of Università Ca’Foscari Venezia				
08:30-09:00		Arrival, Check-in, Registration			
09:00-10:30		Welcome to the School	Environmental life cycle assessment	Integrating functionality into SSbD workflows	Philosophical reflections on SSbD
		Setting the scene: Latest advancements in SSbD		Multidimensional analysis and decision-making tools	Presentations & discussions of results of Case Study 1 & 2
		Intrinsic hazard properties characterization			
10:30-11:00		Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:00-12:30		New Approach Methodologies for risk assessment	Group work: Focus groups on SSbD in Intermediate/Late Innovation Stages <ul style="list-style-type: none">Focus 1: SafetyFocus 2: Sustainability	Group work: Focus groups on MCDA for Case Study 1 & 2 – linking safety and sustainability with functionality	Continuation of Case Study 1 & 2 results discussion
		In silico modeling approaches			DPP Spotlight Presentation & Plenum Discussion
12:30-14:00		Lunch	Lunch	Lunch	Closing Remarks
14:00-15:30		Group work: Focus groups on SSbD in Early Innovation Stages <ul style="list-style-type: none">Focus 1: SafetyFocus 2: Sustainability	Continuation group work	Continuation group work	
15:30-16:00		Coffee Break	Coffee Break	Coffee Break	
16:00-18:00		In vitro vs. in vivo studies	Socio-economic life cycle assessment	Co-creation workshop: Science2Policy, Science2Industry, Science2Citizens	
		Risk assessment	FAIR data	Publishing ethics	
		Pitch presentations – Slot 1 by Training School participants	Pitch presentations - Slot 2 by Training School participants	Pitch presentations - Slot 3 by Training School participants	
	Welcome Reception & Networking starting at 17:30	Social Program: Guided Walking Tour of Venice		Social Dinner & Networking starting at 19:30	

Organising committee

- Agnese Amati, Warrant Hub SpA (Correggio, IT)
- Amaia Garcia, GAIKER (Zamudio, ES)
- Andrea Brunelli, Università Ca' Foscari Venezia (Venice, IT)
- Andrea Lorenzoni, Consiglio Nazionale delle Ricerche (Bologna, IT)
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- Danail Hristozov, GreenDecision (Venice, IT)
- Davide Don, Fraunhofer Italia (Bolzano, IT)
- Elena Badetti, Università Ca' Foscari Venezia (Venice, IT)
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- Steffi Friedrichs, AcumenIST (Brussels, BE)
- Susanne Resch, BioNanoNet Forschungsgesellschaft mbH (Graz, AT)
- Thomas Exner, Seven Past Nine (Cerknica, SI)
- Yasemin Ertugrul, Yordas Group (Forchheim, DE)

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- Yvonne Kohl, Fraunhofer Institute for Biomedical Engineering IBMT (St. Ingbert, DE)

Leading partners



Special thanks!!!



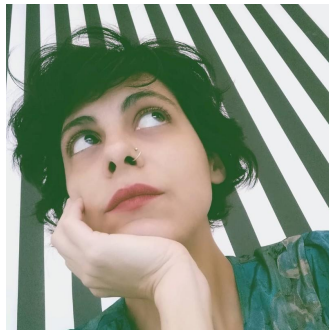
Susanne Resch, BNN



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YORDAS



Judith Friesl,
YORDAS



Stefania Melandri,
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