



COHESION
ITALY 21-27

ALTO ADIGE SÜDTIROL



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SMART & SUSTAINABLE MATERIALS AND PROCESSES

20.11.2025 | 14:00 – 18:00

NOI TECHPARK BOLZANO, SEMINAR ROOM 3

How can recycled, bio-based and biodegradable plastics be implemented profitably and in full regulatory compliance, both now and in preparation for the EU's 2030 targets? With innovation pressure rising, shifting rules and muted demand, every link in the value chain – materials, products and processes – is under scrutiny.

This afternoon industry rundown provides a concise market and technology overview, defines limits and opportunities and clarifies the essential requirements and certifications – with practical insights from industry and research.



TECHPARK SÜDTIROL / ALTO ADIGE

PROGRAMME

- 13:30 **Check-in**
- 14:00 **Welcome and opening**
Introduction to the topics of transitioning to sustainable materials and the economic and legal challenges of recycling
Andrea Valenari, NOI Techpark
- 14:10 **Sustainable Formulations and Circular Solutions**
Efrat Friedland, Materialscout
- 14:30 **Developments in Composite Materials as Thermal Energy Storage Devices and Self-Repairing Materials**
Giulia Fredi and Alessandro Pegoretti, University of Trento
- 15:00 **Injection Moulding with a High Proportion of Recycled Materials**
Bianca Gubi, Engel
- 15:30 **Coffee break and networking**
- 16:00 **APS: Sustainability and Circulen Products**
Luca Lunghi, LyondellBasell
- 16:20 **SABIC TRUCIRCLE™: Solutions for Sustainability and Decarbonisation**
Andrea Bellantoni, Sabic
- 16:40 **Safe and Sustainable by Design: Considering Sustainability and Innovation when Developing Future Materials**
Davide Don, Fraunhofer Italia
- 17:00 **Start ups**
Wood-Plastic Composites from Geomatrix and Nanotechnological Coatings from BioTitan
- 17:20 **Summary and conclusion**
- 17:30 **Aperitif and Networking**

The event will be held in English without simultaneous translation, participation is free of charge.

REGISTRATION

Register [here](#) until 18.11.2025

CONTACT

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