

## AWeSOMe PLUS



# AWeSOMe PLUS Workshop: Innovative and Sustainable Materials for Building the Future

## Objective

Exploring and promoting innovative, sustainable building materials, with a focus on reusing industrial waste. Highlighting next-generation advanced materials and their role in enhancing energy efficiency, environmental sustainability and quality of life. The event will provide an integrated overview of circular, low-impact material solutions with practical construction applications, technological innovations in advanced materials and related sustainable business models. It will foster collaboration between researchers, industry and policymakers to encourage widespread adoption of these innovations. The ultimate goal is to spark multidisciplinary dialogue and new partnerships that contribute to building a more resilient, efficient and sustainable future.

## Programme

### > 09:30 - 10:00: Registration

### > 10:00 - 11:00: Institutional greetings

- **Prof. Fabrizio Illuminati** (Director of CNR Nanotec)
- **Prof. Giuseppe Gigli** (President of DHITECH)
- **Dr. Carmelo Calamia** (Manager Economic Development Sector Province of Lecce)
- **Ing. Francesco Micelli** (President of the Order of Engineers of the Province of Lecce)
- **Project Officer** (IPA SA Joint Secretariat)

### > 11:00 - 13:30: 1<sup>st</sup> Session

- **Dr. Luisa La Rosa:**  
AWeSOMe Plus Project Presentation
- **AWeSOMe Plus Project Partners' presentation:**  
Dr. Besa Beshi (Confimi Albania - AL), Ing. Nicola Sicilia (DHITECH - IT), Dr. Adolfo Colagiovanni (Gal Molise - IT), Dr. Sara Sulce (Smart Horizont - ME)
- **Ing. Fabio Longo (DHITECH):**  
Sustainable Engineering: Exploring the Impact of Geopolymer Materials on Energy Savings and Sustainability
- **Dr. Danilo Martino:**  
Geopolymer Mortar and Sustainability: Business Model Analysis
- **Ing. Chiara Forte (SIPRE srl):**  
From research to green building innovation
- **Dr. Fabrizio Mariano (CNR Nanotec):**  
Advanced optoelectronic devices for light generation and energy management

### > 13:30 - 14:30: Light Lunch

### > 14:30 - 17:30: 2<sup>nd</sup> Session

- **Prof. Ing. Alessio Cascardi (University of Calabria):**  
Seismic-energy reinforcements for structural adaptation
- **Dr. Cinzia Citti (CNR Nanotec):**  
The UNIHEMP Project: Turning hemp waste into sustainable energy and biochemicals
- **Dr. Alba Chiara De Vitis (Radice Cubica Srl):**  
Functional Cosmetics: the Role of Biomaterials. Circular Economy Assessment for Local Supply Chain. Radice Cubica & Alchemia Essenze project
- **Dr. Luisa De Marco (CNR Nanotec):**  
Organic batteries for sustainable energy storage
- **Arch. Angelo Vito Graziano (Politecnico di Bari):**  
Adaptive Earthen Wall: A Prototype for Sustainable Urban Spaces

### > 17:30: Conclusions

- **Dr. Tiziana Valerio** (General Director of DHITECH)
- **Ing. Marco Cataldo** (Council Member of the Order of Engineers of the Province of Lecce)



## Date and Venue

July 15, 2025

10:00-18:00

@CNR Nanotec - Conference Room  
"Rita Levi Montalcini" - Campus  
Ecotekne, Via Monteroni 165, Lecce

[Register Here](#)

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