

Workshop Agenda

Day 1: Project Dissemination and Sectorial Applications

9:00 - 9:30	Registration
9:30 - 10:00	Welcome Remarks (Prof. Yehia Bahie-El-Din (BUE) & Prof. Ahmed Elmarakbi, BUE Officials, EU Delegation Rep.)
10:00 - 11:00	Keynote Speech: <i>"Innovative Advanced Materials sustainable to drive the upcoming European industry step change"</i> (Dr. Daniele Pullini, CRF - Stellantis, Italy)
11:00 - 11:30	Coffee Break
11:30 - 12:30	Overview Presentation on the HEU projects: Prof. Ahmed Elmarakbi, Northumbria University, UK (Supported by participating EU partners) <ul style="list-style-type: none"> • SALIENT: Innovative Vehicle Structures • GIANCE: Multifunctional Graphene Materials • BIOntier: Sustainable Bio-based Composites
12:30 - 13:30	Networking Lunch
13:30 - 15:00	Technical Deep-Dive Presentations by EU Project Partners: <ul style="list-style-type: none"> • Lightweight, Smart, and Adaptive Front-end Structures (SALIENT) Dr. Raquel Ledo Bañobre, CTAG, Spain • Multifunctional Graphene Materials for wider applications (GIANCE) Dr. Diogo Miguel Garcia Esperança, Eurecat, Spain • Bio-based Composites Tailored with Optimized Formulations (BIOntier) Dr. Emmanuel Stratakis, FORTH, Greece
15:00 - 15:15	Break
15:15 - 16:15	Panel Discussion: "Cross-Sectoral Collaboration and Challenges in Material Innovations"



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Circular
Bio-based
Europe
Joint Undertaking



Bio-based Industries
Consortium

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Day 2: Local Expertise and Interactive Workshops

9:00 - 9:30	Registration
9:30 - 10:15	Keynote Speech: Damage Detection in Multifunction Composites Prof. Yehia Bahie-El-Din (BUE)
10:15 - 11:00	Keynote Speech: Advanced FRP Composite Materials for Lightweighting and Sustainable Applications Prof. Hassan El-Dessouky, Galala University, Egypt
11:00 - 11:30	Coffee Break
11:30 - 12:30	Egyptian Industry Representatives: Market Demands and Challenges (AP&C Ayman Salama)
12:30 - 13:30	Networking Lunch

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Day 3: Hands-On Training and Future Collaborations

9:00 - 9:30	Registration
9:30 - 11:00	Hands-On Training Session: <ul style="list-style-type: none"> • Sustainability Assessment & Life Cycle Analysis (LCA) Tools (EU: CTAG; UNN)
11:00 - 12:30	Interactive Workshops (Parallel Sessions): <ul style="list-style-type: none"> • Workshop A: Practical Training on Multifunctional Material Testing and Characterization (BUE, supported by UNN) • Workshop B: Computational Modelling and Simulations for Advanced Material Design (BUE, supported by UNN)
12:30 - 13:30	Networking Lunch
13:30 - 15:00	Roundtable Discussion: "Building Strategic EU-Egypt Partnerships for Future Projects" <ul style="list-style-type: none"> • Identifying Horizon Europe Collaboration Opportunities • Consortium Formation Strategies and Best Practices
15:00 - 15:15	Break
15:15 - 16:15	Closing Remarks, Distribution of Certificates, and Networking Reception