

The logo for IDEAROT, featuring a stylized 'D' composed of a black square and a blue square, followed by the word 'IDEAROT' in a bold, black, sans-serif font.

IDEAROT

**Final project workshop
September 30th – October 1st, 2026
Brussels, Belgium**



HORIZON EUROPE

www.didearot-project.eu





DIDEAROT WORKSHOP

Digital Design strategies to certify and manufacture Robust composite structures

Dates: September 30th – October 1st, 2026

Location: Atlantis Room, Silversquare Bailli, Av. Louise 231,
1050 Brussels, Belgium

Project Hub: www.didearot-project.eu | #DIDEAROTWorkshop

Project Consortium



USEFUL INFORMATION & TRAVEL GUIDE

Meeting Venue

Silversquare Bailli (Atlantis Room)

Av. Louise 231, 1050 Bruxelles, Belgium - [Maps: https://maps.app.goo.gl/LvB5Xj3MrR7ycNi68](https://maps.app.goo.gl/LvB5Xj3MrR7ycNi68)

Evening Event & Dinner

Restaurant Location: La Roue D'or - TBC (Each participant pays for their own meal – ~50€/person)

Travel Recommendations

Use Google Maps or equivalent application to have real time best transfer options

- From Brussels Airport
 - **Train + Tram:** Take the direct airport train to Brussels-Central station (~18 min), then walk to the royal Palace for the tram heading toward Louise/Bailli.
 - **Train + Bus:** Take the train towards Charleroi-Central and get out at the 3rd stop (Bxl-Lux). Take the 38 Bus towards Heros and get off at stop Vleurgat
 - **Taxi:** Direct from Brussels Airport (BRU) to Silversquare Bailli takes approximately 25–50 minutes depending on traffic conditions.
 - **Bus:** Take the STIB Airport Line 12 from the airport directly to Maelbeek (EU Quarters); from there, continue with bus 60 to Vleurgat (8 stops).
- From Brussels-midi train station
 - **Bus:** Take the 96 Bus to Trinité (end stop), then walk 700m to Silversquare
 - **Taxi:** 15 min. ride from the taxi stands (outside the west entrance) to Silversquare Bailli.

Paying when moving around

Apps for STIB/MIVB (Metro, Tram, Busses) and SNCB (Trains) can be installed on smartphones. Contactless payment is possible for all Bus/Tram/Metro lines

Possible Accommodations nearby

- B&B HOTEL Brussels Centre Louise — <https://maps.app.goo.gl/P2FKkPWuAy3k1Uo2A>
- Hotel Agenda Louise — <https://maps.app.goo.gl/gNJGCyY5nPGwCMM37>
- Vintage Hotel Brussels — <https://maps.app.goo.gl/tDmYt7barXvLqJtEA>
- Eurostars Avenue Louise — <https://maps.app.goo.gl/edFnTVhcEkzFhctSA>



WORKSHOP AGENDA

Day 1 — September 30th, 2026

13:30 Registration & networking

14:00 Opening plenary

- Welcoming words, *DIDEAROT Consortium*
- Digital Design strategies to certify and manufacture Robust composite structures, *David Dumas - CENAERO*

15:00 Challenges & Innovations for EU

- Horizon Europe Cluster 5 Research program & perspectives, *European Commission, DG.RTD*
- Q&A and exchange on priorities

16:00 Presentation of DIDEAROT Project results

- Sensors for manufacturing, *Dra. Mildred Puerto Coy, Ph.D - TECNALIA*

Coffee Break

- Simulations for manufacturing, *Dr. Gerard Guillamet Busquets – BSC, Ir David Dumas - Cenaero*
- Advanced Composite Damage modeling, *Prof. Ludovic Noëls – ULiège, Dr Igor Lopes – INEGI, Dr Guerric Lemoine – Cadence, Dr. Gerard Guillamet Busquets – BSC*

Group photo & Networking cocktail

Day 2 — October 1st, 2026

09:00 Registration & networking

09:30 Certification panel

- Challenges for Certification by Analysis for Composites, *Ms. Melanie Herman, EASA*
- Industrial perspectives and certification cases, *Mr. Etienne Maillard – SONACA, Mr. Igor Otero Martin - Aernnova*

Coffee Break

11:00 Poster sessions

- Digital Design Strategies to Certify and Manufacture Robust Composite Structures, *Cenaero*
- High-Fidelity HPC Workflow for Predicting Process-Induced Distortions in Composites Using Surrogate Models, *BSC*
- Towards a Finite Element - Deep Material Networks co-simulation framework using DMNFTor library, *BSC*
- HPC driven Multiscale Machine learning approaches for industrial scale simulation of composite manufacturing processes, *Cenaero*
- Multi-Scale Surrogate Models of Fibre-Reinforced Composites Properties, *INEGI*
- Components for detailed Digital Twin in the aeronautical sector and some AI strategies to enhance its use, *TECNALIA*
- Machine-learning based surrogate of composite micro-scale response in a multi-scale setting, *ULiège*

12:00 Connected projects presentation

- Horizon Europe and Clean Aviation projects covering research & development topics related to DIDEAROT

12:45 Upcoming activities & priorities – panel discussion

- *Prof. Ludovic Noëls – ULiège*
- *Prof Carolina Silva – INEGI*
- *Dr. Tariq Benamara – CENAERO*
- *Dr. Gerard Guillamet Busquets – BSC*

Lunch

14:30 Project result demonstrations

- High fidelity & meta-modeling approaches for composite cure distortion prediction, *Cenaero - BSC*
- Multiscale damage modeling interface using machine learning, *INEGI*
- Deep Material Networks for efficient prediction of new composite materials, *ULiège*
- Material Intelligence tools in industrial environments, *CADENCE*
- Machine learning approaches for industrial scale simulation of composite manufacturing processes, *Cenaero*

15:30 Conclusions & Wrap-up

- Way forward and exploitation plans from the DIDEAROT project, *David Dumas – Cenaero, Etienne Maillard - SONACA*

Networking cocktail