

6TH EDITION · 2026

ELN CONFERENCE
SPAIN
2026

Shaping Europe's lightweight future for sustainable mobility

7-8 OCTOBER 2026 • PALAU MACAYA · BARCELONA



Mav
Lightweight Expo
*Connecting European Industry
with Advanced and Circular Materials*

First edition, held in parallel with the ELN Conference 2026

THREE PARALLEL ACTIVITIES · ONE VENUE



ELN Conference
MAIN AUDITORIUM



MAV Lightweight Expo
ROOMS 3 & 4



Brokerage Event
ROOMS 5 & 6

ORGANISED BY

ELN

elca
European Lightweight Clusters Alliance

ACCIÓ
Catalonia Trade & Investment

Generalitat
de Catalunya

Mav
Materials Advanced
by Catalunya

eurecat
Centre Tecnològic

One venue, three activities running side by side

The **European Lightweighting Network (ELN)** brings together public authorities, industry, research organisations and innovation actors to accelerate lightweighting as a key technology for a more sustainable and competitive European industry. This **6th edition** of the conference extends the programme with **two activities that run in parallel with the talks**, each in its own space at Palau Macaya: the MAV Lightweight Expo and a Brokerage Event.

 ELN Conference	 MAV Lightweight Expo	 Brokerage Event
 Main Auditorium Policy session and four sector sessions on lightweighting. Wed 9:00–13:30 · Thu 9:00–15:30 Programme → pages 3–4	 Rooms 3 & 4 Exhibitors presenting lightweight materials, technologies and solutions. Wed & Thu, throughout both days Exhibitors → page 5	 Rooms 5 & 6 Pre-scheduled 1:1 B2B meetings, booked via the b2match platform. Wed & Thu, throughout both days Details → page 6



Workshops take place in Room 5, in the same space as the Brokerage Event. While a workshop is running in Room 5, B2B meetings continue next door in Room 6.

Lightweight EU Project Workshop · Wed 7 Oct, 14:00 - 15:30 | ELN Workshop · Thu 8 Oct, 15:30 - 17:30 → page 6

PROGRAMME AT A GLANCE

What's on, and where

Conference
 Expo
 Brokerage
 Room 5 workshops

	WEDNESDAY 7 OCTOBER			THURSDAY 8 OCTOBER		
	MAIN AUDITORIUM	ROOMS 3-4	ROOMS 5-6	MAIN AUDITORIUM	ROOMS 3-4	ROOMS 5-6
09 : 00	Opening & Policy session	MAV LIGHTWEIGHT EXPO	Brokerage Event Rooms 5 & 6	Opening	MAV LIGHTWEIGHT EXPO	Brokerage Event Rooms 5 & 6
10 : 00	Coffee break			Railway		
11 : 00	Automotive I			Coffee break		
12 : 00	Aerospace			Automotive II		
13 : 00				Lunch		
14 : 00	Lunch		Lightweight EU project workshop Room 5	Defence & dual-use		
15 : 00			Brokerage Room 6			
16 : 00			ELCA General Assembly Room 5			ELN Workshop Room 5
17 : 00						Brokerage Room 6
18 : 00						



Wednesday 7 October

ELN CONFERENCE · MAIN AUDITORIUM

IN PARALLEL
TODAY● **MAV Lightweight Expo**
Rooms 3 & 4 · all day● **Brokerage Event**
09:00-14:00 Rooms 5 & 6
14:00-18:00 Room 6 only○ **Room 5 · same space as Brokerage**
14:00-15:30 Lightweight EU Project Workshop
15:30-18:00 ELCA General Assembly

08:30

Registration

09:00

Welcome and opening

Welcome and ELN presentation

**EVENT MODERATOR**
Ona Bombí, Clúster MAV (ES)**Joan Romero**, ACCIÓ (ES)**Boel Wadman**, RISE (SE)**Nikolaj Z**, DTI (DK)

09:20

Policy session**MODERATOR**
Riánsares López, ACCIÓ (ES)**Julien Lecompaillon**, BAM (DE)
SELENE: A COST Action Proposal on Methodology
Coordination Across the Lightweighting Lifecycle**Alexander Pogány**, Federal Ministry for Innovation,
Mobility and Infrastructure (AT)
Research Policy in Lightweight: Insights from Austria's
Innovation Ministry**Johanna Scheper**, BNN-ATIMA (AT)
InnoMatSyn: Innovative Materials Ecosystem for
synergies of regional, national and EU initiatives**Lena Killander**, Vinnova (SE)
Lightweighting: a Strategic Enabler for Competitiveness,
Resilience and Green Transition - a Swedish Perspective

10:00 - 10:30

Coffee break · foyer next to the Main Auditorium

10:30

Automotive I**MODERATOR**
Katharina Schöps, RKW Sachsen (DE)**Oriol Grau**, BCIRCULAR (ES)
Circular economy in composites: Advanced
materials from composites waste**Fabian Hofstetter**, SAG Group (AT)
Rheocasting – A lightweight solution at hand**Amaya Igartua**, TEKNIKER (ES)
High performance light alloys for
automotive applications**Alberto Gómez**, Ficosa (ES)
Lightweighting Electric Vehicle Batteries: From Copper
to Aluminium Busbars

12:00

Aerospace**MODERATOR**
Josep Costa, University of Girona (ES)**Peter Glaser**, FACC AG (AT)
"Pull your weight" – Every gram of material on
the product needs to have its purpose**Christopher Wiednig**, voestalpine AG, Metal Forming
Division (AT)
From Microstructure to Component: Enabling Cost-
Effective Deep Drawing of Titanium Sheet**Daniel Claret**, Composites ATE (ES)
NERTHUS: Fast-Cure Bio-Composites for Aerospace**Dr. Mate Gaal**, BAM (DE)
Contact-free ultrasonic testing for aerospace

13:30 - 14:30

Lunch · foyer next to the Main Auditorium**No auditorium sessions during the afternoon.** Visit the Expo in Rooms 3 & 4, attend your B2B meetings, or join the sessions in Room 5 (descriptions on page 6).

Thursday 8 October

ELN CONFERENCE · MAIN AUDITORIUM

IN PARALLEL
TODAY● **MAV Lightweight Expo**
Rooms 3 & 4 · all day● **Brokerage Event**
09:00-15:30 Rooms 5 & 6
15:30-17:30 Room 6 only○ **Room 5 · same space as Brokerage**
15:30-17:30 ELN Workshop08:30 **Registration**09:00 **Welcome and opening**09:30 **Railway****Francisco Javier Vallejo**, IDEKO (ES)
From Lab to Market: Automated, Ultra-Fast and Clean Manufacturing of Fiberglass-Reinforced Polyester Components. A success story from low TRL to market-ready technology and startup creation**Robert Schlosser & Maximilian Denk**, Leitz GmbH & Co.KG (AT)

High Precision in Lightweight – The way of manufacturing cutting tools for industrial woodworking

**EVENT MODERATOR**
Ricardo del Valle, BAX (ES)**MODERATOR**
Ignasi Gómez-Belinchón, IN MOVE cluster (ES)**Jaume Casals**, Refisa (ES)
From Lightweight Composite to Industrialised Railway Components**Stefanie Brickwede**, Mobility goes additive (DE)
AM & Lightweighting: huge potentials, great solutions11:00 - 11:30 ☕ **Coffee break** · foyer next to the Main Auditorium11:30 **Automotive II****Pierre Daniel**, BTECH (ES)
Accelerating Fracture Simulation in Large Composite Structures**Carlos Muñoz**, Gestamp (ES)
Lightweighting of Battery Enclosure Components**MODERATOR**
Iker Arroyo, Eurecat (ES)**Dr. Ing. František Šimančík**, Institute of Materials and Machine Mechanics, Slovak Academy of Sciences (SK)
European Magnesium –a way for clean, competitive and sustainable lightweighting.**Herfried Lammer**, HEAD (AT)
Highly innovative lightweight sporting goods as a technology platform for automotive13:00 – 14:00 ☕ **Lunch** · foyer next to the Main Auditorium14:00 **Defence, Security and Dual-Use Technologies****Thomas Hipke**, Fraunhofer IWU (DE)
Defence systems, new developments at Fraunhofer IWU**Samanta Simon**, Airbus GeoTech (ES)
Ultralight payloads: The challenges of flying onboard High-Altitude Platforms (HAPS)**MODERATOR**
Stephany Rivero, AeroS Ecosystem (ES)**Manuel García**, 2M Engineering (ES)
From Automotive to Defence: Transferring Lightweight Engineering Capabilities**Stanislav Landa**, Danish Technological Institute (DK)
Lightweight Ammunition Packaging: Strengthening Danish Manufacturing Capacity and Strategic Supply for Modern Defence15:30 **Closure of the conference**

MAV Lightweight Expo



ROOMS 3 & 4 · WED 7 & THU 8 OCTOBER

Promoted by Clúster MAV to connect industry with advanced and circular materials · first edition · listed by booth number

1 CLÚSTER MAV



Barcelona (ES) · clustermav.com

The cluster driving innovation in advanced materials and technologies to enhance the competitiveness of Catalonia's industrial sector.

2 2M ENGINEERING

2M Engineering
A PRODUCT DEVELOPMENT

Barcelona (ES) · 2mengineering.tech

Lightweight and functional solutions for aerospace, defence and mobility, from advanced composites and additive manufacturing to prototyping, jigs and tooling.

3 BCIRCULAR COMPOSITES, S.L.



Sant Andreu de la Barca (ES) · bcircular.com

Spin-off of the Spanish National Research Council (CSIC) dedicated to the development and exploitation of technologies for recycling waste composites.

4 BARCELONA TECHNICAL CENTER



Martorell (ES) · btechc.com

Engineering and manufacturing partner to mobility and aerospace OEMs and Tier 1s. Presenting carbon-fibre composite simulation: ply failure, delamination and debonding.

5 UNIVERSITAT DE GIRONA – CAMPUS COMPÒSITS



Girona (ES) · udg.edu/en/campuscomposits

Campus Compòsits is the University of Girona's sectoral campus for composite materials, a market-driven platform connecting companies with UdG research groups.

6 CHEMPLATE MATERIALS



Santa Perpètua de Mogoda (ES) · chemplate.com

Surface treatments, coatings and speciality chemicals. An R&I-driven SME in collaborative projects for aeronautics, automotive and functional advanced materials.

7 COMPOSITES ATE



Sant Sadurní d'Anoia (ES) · composites-ate.com

Manufacturers of composite materials and product engineering since 1997.

8 EURECAT



Cerdanyola del Vallès (ES) · eurecat.cat

Eurecat is the main technological center of Catalonia and one of the largest private research organizations in Southern Europe.

9 ONYRIQ



Barcelona (ES) · onyriq.com

Outsourced R&D partner in advanced polymers and processes. Presenting LOOP: fully recyclable epoxy resins recovering building blocks, undamaged fibres and additives.

10 REFISA



Lleida (ES) · refisa.com

Lightweight composite components and integrated structures. Presenting design, manufacturing, machining, bonding and assembly of large structures, proven in railway.

11 Lightweight Member Programme



Mölnådal (SE) · lighter.nu/en/menu/about-lighter/membership-programme

Swedish nationwide platform for cross-disciplinary and cross-industry collaboration, supporting lightweight innovation and sharing 12 years of experience and benefits for both OEMs and SMEs.



Meeting an exhibitor?

Exhibitor tables also serve as B2B meeting points. If your b2match agenda shows an exhibitor's table, go to **Rooms 3 & 4**, not Rooms 5 & 6.

Brokerage Event & Room 5

[ROOMS 5 & 6](#)

How the Brokerage Event works

Running in parallel with the conference, the Brokerage Event offers **pre-scheduled 1:1 B2B meetings**, arranged in advance through the **b2match** platform.



Check each meeting's time and place in your b2match agenda. Most meetings take place in Rooms 5 & 6; meetings with exhibitors can be held at their table in Rooms 3 & 4.

From the afternoon, **Room 5** hosts the workshops and B2B meetings continue in **Room 6**.

ROOMS 5 & 6 · WHAT'S ON WHEN

	ROOM 5	ROOM 6
Wed 7 Oct 09:00–14:00	Brokerage Event	
Wed 7 Oct 14:00–18:00	14:00 Lightweight EU Project Workshop 15:30 ELCA General Assembly	Brokerage
Thu 8 Oct 09:00–15:30	Brokerage Event	
Thu 8 Oct 15:30–17:30	15:30 ELN Workshop	Brokerage



In Room 5 – same space as the Brokerage Event

WORKSHOP

Wed 7 October
14:00–15:30

Room 5

Lightweight EU Project Workshop interregurope.eu/lightweight-eu

Led by: ACCIO



LIGHTWEIGHT EU is an Interreg Europe project focused on improving regional policies to support the uptake of lightweight technologies. The workshop will discuss and validate key industry challenges and needs, and explore their implications for regional policies and business support. Participation is limited to 30 attendees.

GENERAL ASSEMBLY

Wed 7 October
15:30–18:00

Room 5

ELCA General Assembly elcanetwork.eu

Led by: BAX



The European Lightweight Cluster Alliance (ELCA) is a collaborative Pan-European network of industry hubs, research institutions, and enterprises accelerating the adoption of sustainable, lightweight materials across strategic sectors. The upcoming General Assembly will bring members together to evaluate key accomplishments and lessons learned throughout 2026, while strategically shaping initiatives, partnerships, and focus areas for 2027.

WORKSHOP

Thu 8 October
15:30–17:30

Room 5

ELN Workshop european-lightweight.net

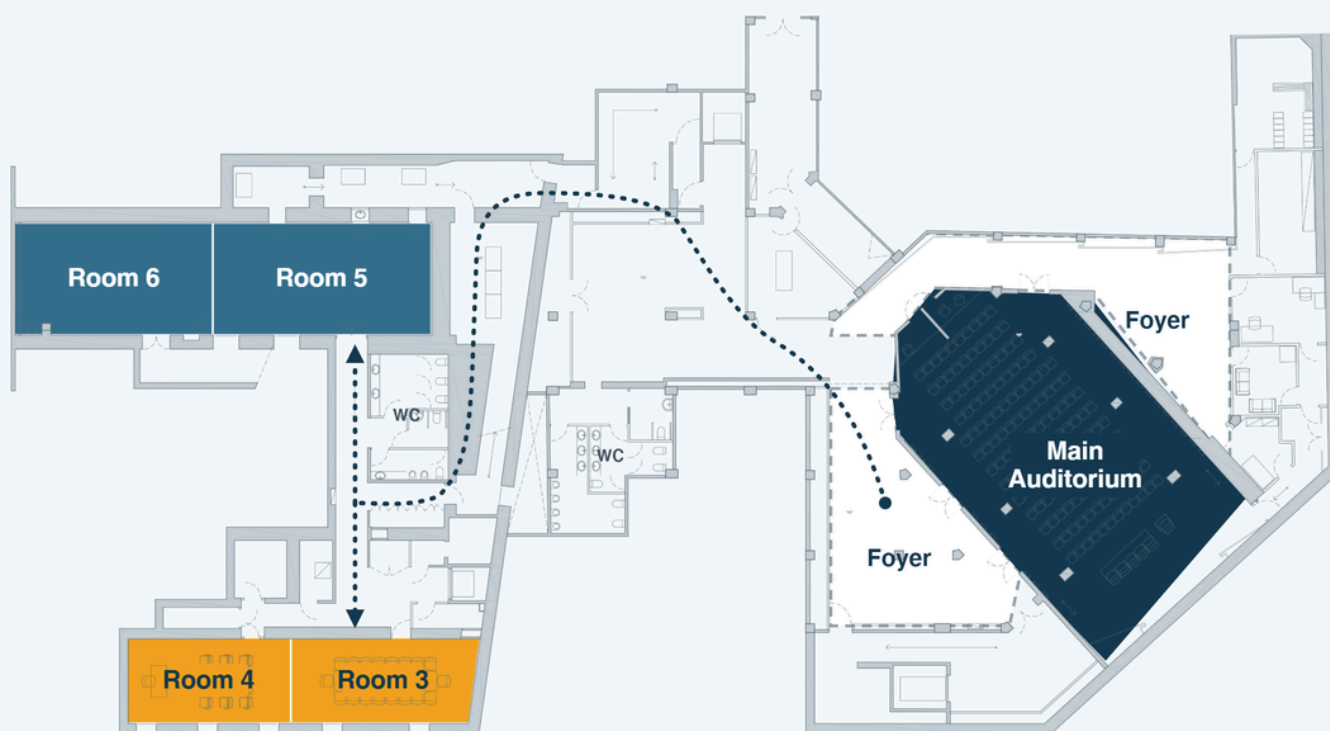
Led by: ELN members



The ELN workshop provides a platform to shape the future of lightweight engineering in Europe. Our goal is to gain deeper insights into the needs of our stakeholders to develop a cohesive European Lightweight Engineering Approach. Participants can engage in discussions across four thematic tables, covering advanced materials, standardisation, as well as economic and ecological benefits. We welcome both ELN members and non-members to join.

Finding your way at Palau Macaya

 **Palau Macaya** · Passeig de Sant Joan, 108, 08037 Barcelona



WHERE TO GO



Main Auditorium

ELN Conference sessions ·
pages 3–4



Rooms 3 & 4

MAV Lightweight Expo ·
page 5



Rooms 5 & 6

Brokerage Event;
workshops in Room 5 ·
page 6



Foyer

Next to the Main
Auditorium · coffee breaks
and lunch

PRACTICAL INFORMATION

- **Accreditation location:** Palau Macaya entrance hall
- **Wi-Fi connection:** log in to WIFI_PALAU_MACAYA

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STAY CONNECTED

 eln2026.european-lightweight.net

 European Lightweighting Network (ELN)

ORGANISED BY

ELN

elca
European Lightweight Clusters Alliance

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 Generalitat
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