

Introducing the Eureka Lightweighting Call 2025

EUREKA NETWORK PROJECTS

EUREKA LIGHTWEIGHTING INITIATIVE

EUREKA LIGHTWEIGHTING CALL 2025

MATCHMAKING

**Eureka: the world's biggest
network for international
cooperation in R&D and
innovation**

Introducing Network projects

Network projects is the original Eureka programme for funding international R&D projects.

20

calls for projects
each year on
average



300

organisations funded
each year



1M€

average project
cost



4

organisations per
project on average

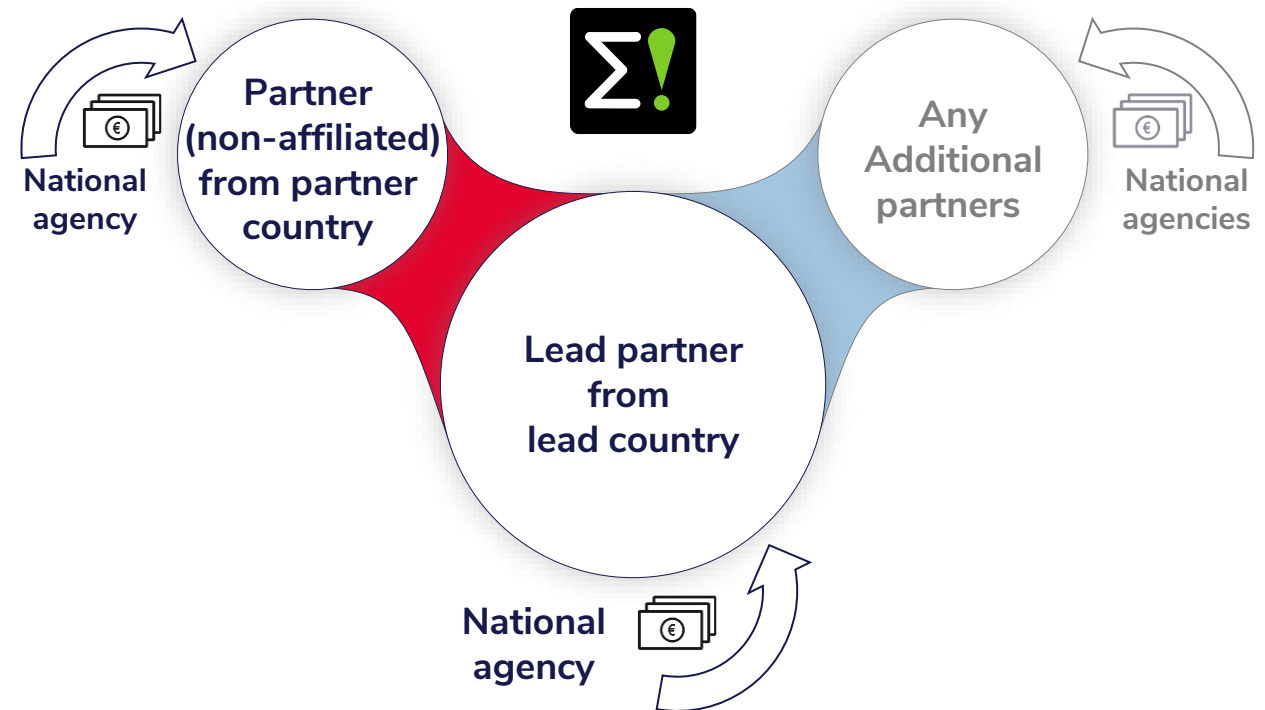


Network projects

THE EUREKA INSTRUMENT FOR

- Researching or developing a product, process or services
- Effective R&D cooperation
 - No partner can claim more than 70% of the project costs
 - At least two independent entities from at least two Eureka countries
- Up to 36 months runtime
- Civilian purpose

Central submission of Eureka applications covering a joint international project at <https://eureka.smartsimple.ie/>



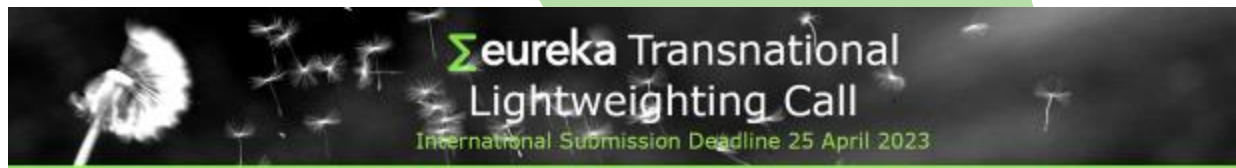
National applications by the project partners in their respective countries, national evaluation and funding by the involved funding agencies

Eureka Lightweighting Initiative

- Eureka R&D&I funding initiative supported by European and international **Lightweighting Networks**: serves to strengthen **Lightweighting** in its role as a **cross-sectoral enabler technology**
 - **Lightweighting technology** is the **key enabling technology** that provides **environmental-friendly solutions**, while at the same time adding **commercial value**, across all industries. Driven by challenges in sectors like mobility and production, lightweighting technology is the path to fundamental resource savings.
 - At the same time, **collaboration across borders is essential** in an increasingly connected world. Strong partnerships within leading European regions and worldwide allow access to customers, technologies and best practices for all stakeholders' businesses and research institutions.

Eureka Lightweighting Call Series

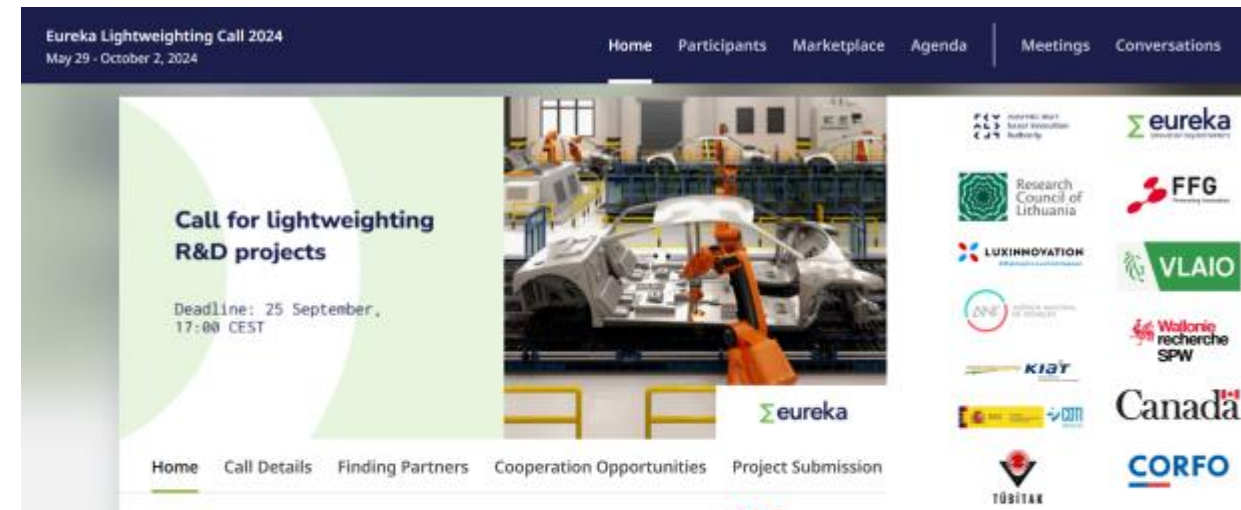
1st Edition in 2023 and 2nd Edition in 2024



Eureka Lightweighting Call 2023

- Goal: establish Eureka as an instrument for Lightweighting
 - to strengthen the lightweighting movement
 - to extend the funding landscape in a focussed way
- Call was launched in a short timeframe with a participation of 10 countries

5 Projects were generated for a total project volume of € 6.7 Mio
Awareness in the community was established



Eureka Lightweighting Call 2024
29 Projects were submitted in 13 countries
total project volume of € 51.7 Mio

Eureka Lightweighting Call 2025

- To realize the benefits of Lightweighting, this call for projects has been launched following Eureka's Network projects framework based on mutual consent between participating national and regional funding bodies.
- Following the success of previous Eureka Lightweighting Calls, the national funding bodies from Austria, Belgium (Flanders & Wallonia), Chile, France, Germany, Lithuania, Poland, Portugal, Slovakia, South Korea, Spain, Türkiye, and Ukraine are able to fund international R&D projects in the field of Lightweighting.

Eureka Lightweighting Call 2025

Scope

- Joint international R&D project in the field of **Lightweighting** that will result in a new commercially viable product, process or service

Effects to be targeted by Lightweighting Technologies include (but are not limited to)

- Optimisation of resource and energy efficiency
- Maximizing Efficiency and Performance
- Bolstering lightweight advancements in mobility and integration in more areas

Relevant industry sectors include (but are not limited to)

- All sectors with a need for Lightweighting Technologies are welcome e.g. automotive, railway, aerospace, space, maritime, mechanical engineering, energy, construction, infrastructure, health, farming, forestry, ...

Funding is provided on the national level considering national priorities and national funding conditions

For further details please check the call text at

<https://eurekanetwork.org/opencalls/network-projects-lightweighting-2025/>

Eureka Lightweighting Call 2025

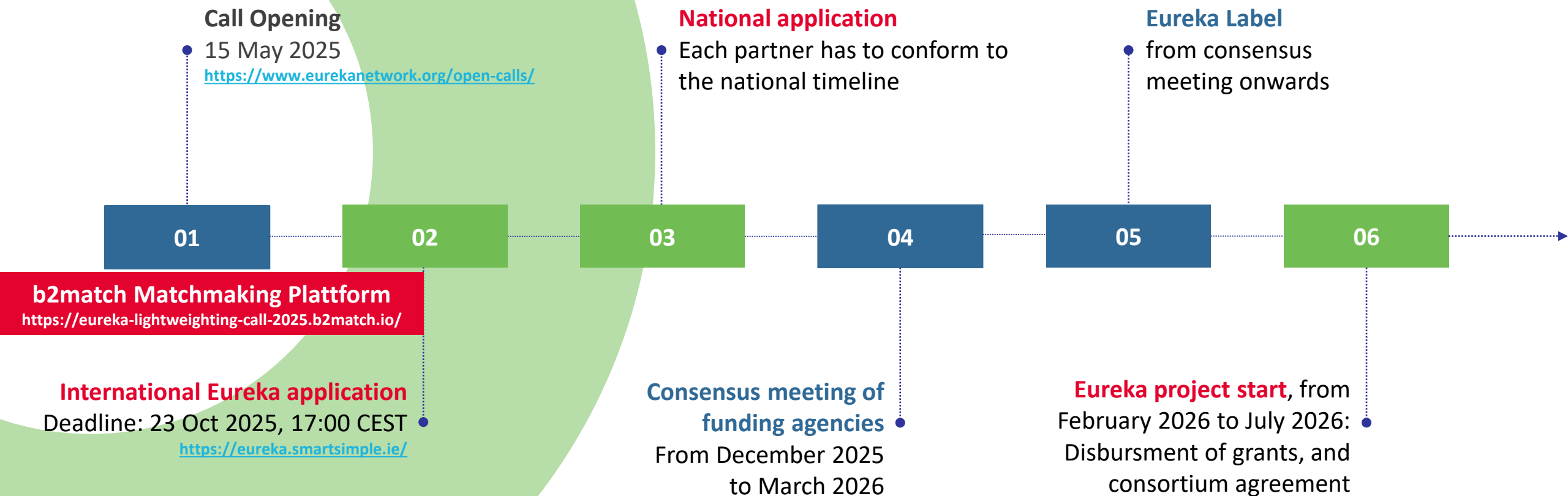
Lightweighting Technologies to be researched and developed include (but are not limited to)

1. Optimisation of lightweight design approaches
2. Novel lightweight materials including optimised manufacturing
3. Recycling of lightweight materials
4. Joining technology
5. Additive Manufacturing
6. Digitalisation

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Submission Process



Matchmaking

How to get in touch with partners

- Register to the **dedicated b2match platform**, pitch your project idea, and find suitable project partners: <https://eureka-lightweighting-call-2025.b2match.io/>
- The Enterprise Europe Network (EEN) is one of the largest online database for collaboration opportunities. Find a partner via EEN in three steps:
 1. Search the global partnership database (<https://een.ec.europa.eu/partnering-opportunities>) based on your criteria
 2. Express your interest by telling your EEN representative (<https://een.ec.europa.eu/local-contact-points/>) about your company, project idea, and the type of partner you are looking for
 3. The EEN representatives help to put interested partners in touch

B2Match Platform, Meetings, and Marketplace

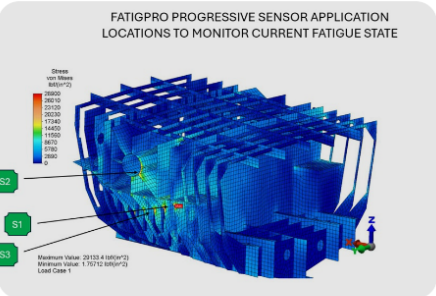
You are signed in as an Organiser [SIGN OUT](#)

Eureka Lightweighting Call 2025
15 May – 23 Oct 2025

[Home](#) [Participants](#) [Projects & Expertise](#) [Agenda](#) [Contact](#) [EEN Support Offices](#) [Log in](#) [Register](#)

29 Opportunities found ⌵ [Relevance](#)

FATIGPRO PROGRESSIVE SENSOR APPLICATION LOCATIONS TO MONITOR CURRENT FATIGUE STATE




■ Project cooperation

New "progressive SHM sensor" enables weight reduction by struct...

The new progressive sensor technology enables monitoring SHM of critical components, which in turn enables shaving off unnecessary weight.


[Digitalisation](#) [Expertise offered](#) [+ 4](#)

 **Tarik Ozkul**
CEO at Fatigpro Sensor
Istanbul, Istanbul, Türkiye

■ Project cooperation

Ductile and high-strength cast aluminum components for railway braking systems

We are developing the next evolutionary stage of lightweight magnetic track brakes of railway vehicles.

 **Dr. Daniel Tippelt**
Product Owner R&D at Knorr-Bremse GmbH
Mödling, Austria

29 RESULTS [Reset](#)

[Q](#)

OPPORTUNITY TYPE

Project cooperation (29) ☒

Stage

- ☐ Ideation - identifying the project idea (13)
- ☐ Design - setting the project scope (5)
- ☐ Drafting - writing the project proposal (5)
- ☐ Iteration - looking for feedback (3)



Useful Links

- ◉ Eureka Website for the Call (Eureka call text incl. funding conditions in all countries)
<https://eurekanetwork.org/opencalls/network-projects-lightweighting-2025/>
- ◉ Matchmaking Platform for the Call
<https://eureka-lightweighting-call-2025.b2match.io/>
- ◉ Further related Eureka initiatives:
 - ◉ Call for circular value creation R&D projects
<https://eurekanetwork.org/opencalls/network-projects-circular-value-creation-2025/>
 - ◉ Eureka Cluster SMART
<https://www.smarteureka.com/>



Thank you!

