

Turkish SME are looking for a project partners for the 2026 Transnational Eureka Lightweighting Call

Summary

Profile type

Research & Development Request Türkiye

Company's country

POD reference

RDRTR20260610004

Profile status

PUBLISHED

Type of partnership

Research and development cooperation agreement

Targeted countries

- **Spain**
- **Poland**
- **South Korea**
- **Germany**
- **Austria**

Contact Person

[Enrico FRANZIN](#)

Term of validity

10 Jun 2026
10 Jun 2027

Last update

10 Jun 2026

General Information

Short summary

A Turkish SME received support from the 2024 and 2025 Eureka Transnational Eureka Lightweighting Calls. It is seeking project partners for this call, which is open in 2026. The project covers alloy development, powder production, and additive manufacturing applications. In this context, it aims to submit project proposals to interested countries and partners. It is particularly interested in nickel-based alloys and is looking for partners with experience in additive manufacturing applications.

Full description

Turkish SMEs are accumulating experience in the development of specialty alloys. In this context, they are submitting both national and international project applications. They received support in the EU-funded 2024 and 2025 Eureka Lightweighting projects.

In the supported projects, they are continuing their work on aluminum, nickel, cast iron, and high-entropy alloys.

The 2026 Eureka Lightweighting call focuses on the development of nickel-based alloys. Using computational materials engineering technology, the alloy will be developed in a numerical modeling environment. Turkish partners plan to produce powder using ultrasonic atomization within the scope of the project. For Eureka, they prefer partners to participate in additive manufacturing applications. They are also expected to participate in parameter optimization and characterization work packages after production.

Advantages and innovations

The Transnational Eureka Lightweighting Call – 2026 aims to facilitate the transfer of knowledge and technology among project partners.

With advancing technology, interest in Computational Materials Engineering is increasing. Furthermore, the Turkish SME 2024 and 2025 Transnational Eureka Lightweighting project supports demonstrate its experience in this process.

The additive manufacturing market is growing faster than itself. In this context, studies in this field have high added value and commercial importance. Collaboration and potential market needs will be analyzed in studies to be conducted in the global market.

Technical specification or expertise sought

Turkish SME is seeking a project partner to contribute to its additive manufacturing technology infrastructure and characterization processes.

Specifically, the ideal candidate should have:

Experience in the production and characterization of nickel-based alloys,
Experience in post-processing of nickel-based alloys,
Possession of machinery infrastructure in additive manufacturing technology,
Experience in the characterization of material properties.

Stage of development

Under development

IPR Status

No IPR applied

IPR Notes

Sustainable Development goals

• Goal 9: Industry, Innovation and Infrastructure

Partner Sought

Expected role of the partner

Turkish SMEs will be involved in alloy development and powder production. The expectation from Eureka countries is in additive manufacturing production and characterization processes.

Type of partnership

Type and size of the partner

Research and development cooperation agreement

- SME ≤ 10
- University
- SME 50 - 249
- R&D Institution
- SME 11-49

Call Details

Framework program

Eureka

Call title and identifier

Lightweight call 2026

Submission and evaluation scheme

Anticipated project budget

Coordinator required

No

Deadline for EoI

8 Oct 2026

Deadline of the call

8 Oct 2026

Project duration in weeks

Web link to the call

Project title and acronym

Dissemination

Technology keywords

- **02007011 - Non-ferrous Metals**
- **02007010 - Metals and Alloys**

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Market keywords

- **08001012 - Speciality metals (including processes for working with metals)**

Sector groups involved

- **Energy-Intensive Industries - Materials**