

# Urgent: A Turkish company seeks a technology partner for membrane development for lithium extraction from geothermal brines (Eurogia Call30)

## Summary

Profile type

**Research & Development Request Türkiye**

Company's country

POD reference

**RDRTR20260115002**

Profile status

**PUBLISHED**

Type of partnership

**Research and development  
cooperation agreement**

Targeted countries

**• World**

Contact Person

**Enrico FRANZIN**

Term of validity

**15 Jan 2026****15 Jan 2027**

Last update

**15 Jan 2026**

## General Information

### Short summary

A Turkish energy company is developing the GeoBatt project, which has been invited to submit a Full Project Proposal to Eurogia Call30. The project focuses on sustainable lithium recovery from low-lithium-concentration geothermal brines using a Redox Flow Battery-based approach and aims to integrate recovered lithium into next-generation battery production. The consortium is seeking a partner with expertise in membrane development for RFB systems.

### Full description

An international integrated energy company based in Türkiye, with more than 25 years of experience in electricity generation and distribution from renewable energy sources, including geothermal, solar, wind, and hydropower. The company operates a diversified renewable energy portfolio with a total installed capacity of approximately 485 MW, comprising multiple geothermal, hydroelectric, wind, and solar power plants.

Since 2018, the company has been actively engaged in research and development activities and is currently involved in several funded international R&D projects under programmes such as Horizon Europe, SMART, EUROGIA, ERA-NET, and national energy research schemes. It has also successfully completed numerous collaborative R&D projects under Horizon 2020, Horizon Europe, ITEA, ERA-NET, and EUROGIA frameworks, working with more than one hundred partners from over twenty countries.

In addition to its industrial activities, the company contributes to academic and scientific literature by disseminating project results through a significant number of publications over recent years. Leveraging its high production capacity, qualified human resources, diversified energy mix, and strong innovation capabilities, the company aims to play a long-term and leading role in the global energy transition.

#### Advantages and innovations

Project is focusing on low lithium concentrated brines.  
Sustainable and circular lithium recovery from low-lithium-concentration geothermal brines using a Redox Flow Battery (RFB)–based approach.  
Reduced environmental impact compared to conventional extraction methods, with lower chemical and water use.  
Direct integration of lithium recovery with next-generation battery technologies.

#### Technical specification or expertise sought

We are currently seeking an eligible project partner (not a subcontractor) to develop the membranes to be used in the RFB system. The Full Project Proposal (FPP) will be submitted in April 2026.

#### Stage of development

**Concept stage**

#### Sustainable Development goals

• **Goal 7: Affordable and Clean Energy**

#### IPR Status

**No IPR applied**

#### IPR Notes

## Partner Sought

#### Expected role of the partner

We are currently seeking a partner to develop the membranes to be used in the RFB system.

#### Type of partnership

#### Type and size of the partner

## Research and development cooperation agreement

- SME 11-49
- Big company
- SME  $\leq 10$
- SME 50 - 249
- Other
- R&D Institution

## Call Details

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Framework program

**Eureka**

Call title and identifier

**Eurogia CALL30**

Submission and evaluation scheme

Anticipated project budget

Coordinator required

**No**

Deadline for EoI

**5 Mar 2026**

Deadline of the call

**30 Apr 2026**

Project duration in weeks

Web link to the call

<https://eurogia.eu/eurogia-calls/>

Project title and acronym

**GeoBatt project**

## Dissemination

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### Technology keywords

- **04005001 - Geothermal energy**
- **04001003 - Storage of electricity, batteries**

### Targeted countries

- **World**

### Market keywords

- **03002 - Batteries**
- **06008 - Energy Storage**

### Sector groups involved

- **Renewable Energy**