

A Turkish industrial company specialized in construction materials, particularly ceramics, is interested in joining consortia for the call of HORIZON-CL6-2027-01-CIRCBIO-02 for Ecodesign and Circular Construction Products

Summary

Profile type	Company's country	POD reference
Research & Development Request	Türkiye	RDRTR20260126018
Profile status	Type of partnership	Targeted countries
PUBLISHED	Research and development cooperation agreement	• World
Contact Person	Term of validity	Last update
Sabrina WODRICH	26 Jan 2026 26 Jan 2027	26 Jan 2026

General Information

Short summary

The company wants to support the consortia as an industrial partner to develop, validate, and demonstrate circular and ecodesigned ceramic sanitaryware under real industrial manufacturing conditions.

Full description

The company is a large industrial manufacturer of ceramic sanitaryware with long-standing experience in high-volume production and international markets. It operates multiple production facilities and has strong R&D, testing, and pilot manufacturing capabilities, supporting product development from concept to industrialization.

Sustainability, circularity, and material efficiency are integral to the company's innovation and manufacturing strategies. Within the scope of this call, the company aims to contribute to the development and demonstration of ceramic sanitaryware designed for durability, reparability, reuse, easy disassembly, recyclability, and increased recycled content, in line with EU circular economy and eco-design objectives.

The company can adapt innovative materials, bio-based or circular inputs, and eco-design concepts to existing industrial production lines and validate their performance in realistic application environments. In addition, it can support lifecycle-based environmental assessments aligned with Product Environmental Footprint (PEF) and Safe and Sustainable by Design (SSbD) principles, contributing industrial data and validation to consortium activities.

Advantages and innovations

With the company's support to the consortium, the following benefits will arise, and the overall synergy of the consortium will be further strengthened:

- Large-scale industrial manufacturing capacity,
- Strong R&D, testing, and pilot production infrastructure,
- Expertise in circular design, materials innovation, and industrial adaptation,
- Alignment with EU sustainability, eco-design, and circular product regulations.

Technical specification or expertise sought

The company is currently looking for a consortium about the subject call. The company can support the consortium in terms of carrying out the industrial implementation activities, testing and demonstration activities. The company also has deep expertise for manufacturing adaptation, performance validation, and circularity assessment of innovative ceramic sanitaryware at the industrial scale.

Stage of development

Under development

Sustainable Development goals

- **Goal 9: Industry, Innovation and Infrastructure**
- **Goal 12: Responsible Consumption and Production**
- **Goal 17: Partnerships to achieve the Goal**

IPR Status

No IPR applied

IPR Notes

Partner Sought

Expected role of the partner
and circular economy objectives.

In particular, the company is looking for consortium with the focus of:

- Advanced sustainable materials, including recycled mineral inputs, secondary raw materials, bio-based additives, and alternative binders compatible with ceramic processing.
- Material science and formulation development to improve durability, reparability, mechanical performance, and recyclability of ceramic based products.
- Eco-design and circular design methodologies, including design for disassembly, modularity, reuse, remanufacturing. and EOL valorization strategies.

large-scale manufacturing processes.

-Testing and validation methods for long life performance, resistance, hygiene and functional durability under realistic use conditions.

-Life Cycle Assessment (LCA), Product Environmental Footprint (PEF), and environmental modelling, including carbon footprint, resource efficiency, and circularity indicators.

-Safe and Sustainable by Design (SSbD) assessment frameworks and tools to evaluate environmental and health aspects of new materials and formulations.

-Digital tools for sustainability monitoring, such as material traceability systems or environmental data management platforms.

These potential consortia will complement the company's strong industrial manufacturing and pilot-scale capabilities by bringing material innovation, environmental assessment expertise, and circular design know how, enabling the transition from the lab to the validated, industrially deployable circular ceramic solutions.

Type of partnership

Research and development cooperation agreement

Type and size of the partner

- **SME 50 - 249**
- **Big company**
- **R&D Institution**
- **Other**
- **SME <=10**
- **University**
- **SME 11-49**

Call Details

Framework program

Horizon Europe

Call title and identifier

HORIZON-CL6-2027-01-CIRCBIO-02

Submission and evaluation scheme

This is a one stage call

Anticipated project budget

5000000

Coordinator required

Yes

Deadline for EoI

31 Dec 2026

Deadline of the call

22 Sep 2027

Project duration in weeks

144

Web link to the call

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL6-2027-01-CIRCBIO-02?keywords=%22circular%20economy%22&isExactMatch=true&status=31094501,31094502&programmePart=&order=DESC&pageNumber=1&pageSize=50>

Project title and acronym

HORIZON-CL6-2027-01-CIRCBIO-02/ Industrial Partner Seeking Consortium for Ecodesign and Circular Construction Products

Dissemination

Technology keywords

- **02007003 - Ceramic Materials and Powders**

Market keywords

- **09007002 - Manufacture of construction materials, components and systems**

Targeted countries

- **World**

Sector groups involved

- **Energy-Intensive Industries - Materials**
- **Energy-Intensive Industries - BioChemTech**
- **Construction**
- **Energy-Intensive Industries**