

Concentrated solar thermal systems for decarbonising industrial processes

Horizon Europe

CODE	SCOPE
HORIZON-CL5-2027-02-D3-07	International
LOCATION	STATUS
Europe	Pending
PROGRAM	CURATED BY
Horizon Europe	Marlene Faria
GENERATED AT	
September 25, 2026	

Financial Details

SUPPORT TYPE	MAXIMUM FUNDING RATE
Non-Refundable	100%
BUDGET	ELIGIBLE PROJECT VALUE
12M€	Up to 6M€

Dates & Deadlines

PUBLICATION DATE	OPENING DATE
September 25, 2026	December 3, 2026

Application Phases

- Fase única: March 31, 2027 at 03:00 PM

Objectives

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This topic aims to accelerate the decarbonisation of industrial processes through the demonstration of concentrated solar thermal (CST) systems capable of delivering renewable heat in the 150°C to 400°C temperature range . Projects should demonstrate the integration of solar thermal technologies with thermal storage in existing industrial operations

such as drying, melting, sterilisation and refrigeration, reducing reliance on fossil fuels while increasing the use of renewable energy in industry.

Funding

The call has an indicative budget of €12 million and is expected to fund approximately 2 projects , corresponding to an indicative EU contribution of around €6 million per project . Funding is provided under a Horizon Europe Innovation Action (IA) Lump Sum scheme.

Eligible Expenses

- Personnel Costs
- Travel costs
- Equipment costs
- Other goods, works and services costs
- Subcontracting
- Indirect Costs

Eligibility

Eligible Sectors

- Energy & Environment
- Mobility & Transport
- Industry

Company Typologies

- Sme
- Micro
- Large
- Non-business entities of the R&I system (ENESII)
- Private non-profit entities
- Public entities

Application Mode

- Consortium / Copromotion

Action Types

- Innovation Action

EU Programme Details

CALL ID

HORIZON-CL5-2027-02-D3-07

CLUSTER

Cluster 5: Climate, Energy and Mobility

DESTINATION

Destination 3 : Sustainable, secure and competitive energy supply

SUBMISSION MODE

Single-stage

EU CONTRIBUTION

around 6,000,000 EUR per project

EXPECTED PROJECTS

2

FUNDING RATE RULE

Up to 70% for Innovation Actions (up to 100% for non-profit entities only)

Official Links

Official Regulation:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORI-ZON-CL5-2027-02-D3-07?order=DESC&pageNumber=1&pageSize=50&sortBy=relevance&keywords=HORI-ZON-CL5-2027-02-D3-07&isExactMatch=true&status=31094501,31094502,31094503>

Grantavia page: <https://grantavia.com/en/incentives/concentrated-solar-thermal-systems-for-decarbonising-industrial-processes>

Schedule a meeting: <https://calendly.com/sandra-cardoso-epsa/reuniao>