

# Industrial Process Heat Upgrade using Excess/Waste Heat

Horizon Europe

CODE	HORIZON-CL5-2026-09-D4-08	SCOPE	International
LOCATION	Europe	STATUS	Open
PROGRAM	Horizon Europe	CURATED BY	Maria Macedo
GENERATED AT	June 8, 2026		

## Financial Details

SUPPORT TYPE	Non-Refundable	MAXIMUM FUNDING RATE	100%
BUDGET	18M€	ELIGIBLE PROJECT VALUE	Up to 9M€

## Dates & Deadlines

PUBLICATION DATE	Not defined	OPENING DATE	May 5, 2026
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## Application Phases

- Deadline: September 15, 2026 at 03:00 PM (100 days left)

## Objectives

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The principal objective of this call is to demonstrate and optimize, within one or more operational industrial sites, the transformation of industrial processes by recovering and upgrading excess/waste heat, potentially incorporating heat from nearby locations or local renewable sources. The focus is on cost-efficient approaches to improve energy

efficiency, reduce greenhouse gas and pollutant emissions, and significantly phase out fossil fuel use within industrial sectors, while safeguarding or enhancing competitiveness. Eligible applicants are consortia including industrial entities operating in sectors with significant process heating demands in the EU and Associated Countries. Proposals must address the needs of most factories in the sector and ensure replicability and adaptability across the EU.

## **Funding**

The total indicative budget for this topic is €18,000,000, with an expected EU contribution of around €9,000,000 per project. Approximately two projects are expected to be funded. The co-financing rate is up to 70% (typical for IA actions under Horizon Europe), and funding is provided in the form of lump sum grants. Budget allocation and minimum/maximum project values depend on consortium size and scope, but proposals should target substantial demonstration activities. Funding covers all eligible costs as a lump sum, as defined in the grant agreement.

## **Key Requirements**

The maximum project duration is not explicitly specified but is typically 36-48 months for similar Horizon Europe Innovation Actions. Proposals must reach Technology Readiness Level (TRL) 7-8 by project end and start at any TRL. Mandatory project deliverables include physically demonstrated solutions, open system design and business case guidelines, and robust dissemination activities. Projects must address replicability across the sector and cooperate with relevant LIFE actions if overlap exists. Eligibility limits apply to legal entities established in China for this destination. Result indicators include measurable improvements in heat recovery efficiency, reduction of fossil fuel use, and potential deployment across the EU.

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## **Eligible Expenses**

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

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## **Eligibility**

### **Eligible Sectors**

- Industry
- Energy & Environment

### **Company Sizes**

- Micro
- Sme
- Small Mid-Cap
- Mid-Cap
- Large
- Private non-profit entities
- Public entities

### **Action Types**

- Innovation Action (IA)

- Demonstration of heat recovery and upgrade in industrial processes
- Technology standardization and replication
- Technical and economic guideline development
- Dissemination and industry cooperation

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## EU Programme Details

### CALL ID

HORIZON-CL5-2026-09-D4-08

### CLUSTER

5 – Climate, Energy and Mobility

### DESTINATION

Using energy in buildings and industry in an efficient, affordable and sustainable way (2026-27)

### SUBMISSION MODE

Single-stage

### EU CONTRIBUTION

around €9,000,000 per project

### EXPECTED PROJECTS

2

### FUNDING RATE RULE

Up to 70% of eligible costs as lump sum for Innovation Actions (for for-profit entities)

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## Official Links

Official Regulation: <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL5-2026-09-D4-08>

Grantavia page: <https://grantavia.com/en/incentives/industrial-process-heat-upgrade-using-excesswaste-heat>

Schedule a meeting: <https://calendly.com/ines-carreira-fi-group/reuniao>