

Industrial Process Heat Upgrade using Excess/Waste Heat

Horizon Europe

CÓDIGO	HORIZON-CL5-2026-09-D4-08	ÂMBITO	Internacional
LOCALIZAÇÃO	Europa	ESTADO	Aberto
PROGRAMA	Horizon Europe	CURADORIA DE	Maria Macedo
GERADO EM	8 de junho de 2026		

Detalhes Financeiros

TIPO DE APOIO	Fundo Perdido	TAXA MÁXIMA DE FINANCIAMENTO	100%
DOTAÇÃO	18M€	VALOR ELEGÍVEL DO PROJETO	Up to 9M€

Datas e Prazos

DATA DE PUBLICAÇÃO	Não definida	DATA DE ABERTURA	5 de maio de 2026
--------------------	--------------	------------------	-------------------

Fases de Candidatura

- Deadline: 15 de setembro de 2026 às 15:00 (100 dias restantes)

Objetivos

Objectives

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.

Despesas Elegíveis

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

Elegibilidade

Setores Elegíveis

- Indústria
- Energia & Ambiente

Dimensão das Empresas

- Micro
- PME
- Small Mid-Cap
- Mid-Cap
- Grande
- Entidades privadas sem fins lucrativos
- Entidades públicas

Tipos de Ação

- 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

Detalhes do Programa UE

ID DA CHAMADA

HORIZON-CL5-2026-09-D4-08

DESTINO

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

CONTRIBUIÇÃO UE

around €9,000,000 per project

REGRA DE TAXA DE FINANCIAMENTO

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

CLUSTER

5 – Climate, Energy and Mobility

MODO DE SUBMISSÃO

Single-stage

PROJETOS ESPERADOS

2

Links Oficiais

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

Página no Grantavia: <https://grantavia.com/pt/incentives/industrial-process-heat-upgrade-using-excesswaste-heat>

Agendar reunião: <https://calendly.com/ines-carreira-fi-group/reuniao>