

Integrated Production and Product Development for Next-Generation Lithium-based Batteries for Mobility

Horizon Europe

CÓDIGO	ÂMBITO
HORIZON-CL5-2026-10-D2-03	Internacional
LOCALIZAÇÃO	ESTADO
Europa	Aberto
PROGRAMA	CURADORIA DE
Horizon Europe	Marlene Faria
GERADO EM	
10 de julho de 2026	

Detalhes Financeiros

TIPO DE APOIO	TAXA MÁXIMA DE FINANCIAMENTO
Fundo Perdido	100%
DOTAÇÃO	
100M€	

Datas e Prazos

DATA DE PUBLICAÇÃO	DATA DE ABERTURA
Não definida	4 de junho de 2026

Fases de Candidatura

- Fase única: 8 de outubro de 2026 às 16:00 (90 dias restantes)

Objetivos

Objectives

This incentive is part of Horizon Europe and focuses on scaling up next-generation lithium-based batteries (beyond Gen3) for mobility and strengthening Europe's industrial competitiveness. The call aims to accelerate the industrialisation of next-generation lithium-based batteries (beyond Gen3) for mobility applications, strengthening Europe's technological leadership and competitiveness.

Projects are expected to:

- Meet performance targets at cell and system level (energy density, power, cost, lifetime)
- Boost EU competitiveness in advanced battery technologies
- Develop pilot manufacturing capabilities at scale
- Reinforce the European battery value chain , including automation and advanced equipment
- Improve understanding and manufacturability of next-generation battery interfaces

Scope

The action focuses on scaling up technologies from prototype to industrial demonstration :

- Progression from TRL 4–5 to TRL 6–7
- Development of: Advanced battery cells (e.g. solid-state)
- Pilot production lines and manufacturing processes
- Automation and high-throughput production methods
- Battery modules and packs integrated into real applications

Projects must:

- Target one single transport mode : Automotive, Aviation, Rail, or Waterborne
- Demonstrate full value chain integration , from materials to system level
- Validate performance, safety, and durability under realistic operating conditions

Funding

The incentive is structured to provide EU financial contribution for eligible costs, with maximum co-financing rates and project budgets determined by the topic conditions set out in the call. Funding rates may vary depending on the type of participant, such as up to 100% for certain research organisations or public entities and lower rates for industrial partners. Each project is expected to adhere to specific minimum and maximum budgetary limits, and the maximum duration is subject to the established rules of the work programme. Detailed financial parameters should be verified on the official call page.

Despesas Elegíveis

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

Elegibilidade

Setores Elegíveis

- Indústria
- Mobilidade & Transportes

Dimensão das Empresas

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

Modalidade de Candidatura

- Consórcio / Copromoção

Tipos de Ação

- Innovation Action

Detalhes do Programa UE

ID DA CHAMADA

HORIZON-CL5-2026-10-D2-03

CLUSTER

5 – Climate, Energy and Mobility

DESTINO

Destination 2 – Cross-sectoral solutions for the climate transition

CONTRIBUIÇÃO UE

100000000

PROJETOS ESPERADOS

3

REGRA DE TAXA DE FINANCIAMENTO

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

Links Oficiais

Regulamento Oficial:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL5-2026-10-D2-03?order=DESC&pageNumber=1&pageSize=50&sortBy=relevance&keywords=HORIZON-CL5-2026-10-D2-03&isExactMatch=true&status=31094501,31094502,31094503>

Página no Grantavia: <https://grantavia.com/pt/incentives/integrated-production-and-product-development-for-next-generation-lithium-based-batteries-for-mobility-1>

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