

Higher Voltage, Megawatt Charging System compatible, modular powertrain for Heavy Duty Vehicles (HDV) (2ZERO Partnership)

Horizon Europe

CÓDIGO	ÂMBITO
HORIZON-CL5-2027-03-D5-05	Internacional
LOCALIZAÇÃO	ESTADO
Europa	Pendente
PROGRAMA	CURADORIA DE
Horizon Europe	Marlene Faria
GERADO EM	
25 de setembro de 2026	

Detalhes Financeiros

TIPO DE APOIO	TAXA MÁXIMA DE FINANCIAMENTO
Fundo Perdido	100%
DOTAÇÃO	VALOR ELEGÍVEL DO PROJETO
16M€	Up to 8M€

Datas e Prazos

DATA DE PUBLICAÇÃO	DATA DE ABERTURA
25 de setembro de 2026	15 de dezembro de 2026

Fases de Candidatura

- Phase 1: 14 de abril de 2027 às 15:00

Objetivos

Objectives

The primary objective of this Horizon Europe call is to demonstrate the integration potential and modularity of next-level advanced high-voltage systems, focusing on their impact on cost reduction for Commercial Vehicles (CV), particularly in the Heavy-Duty Vehicles (HDV) segment. The action aims to improve energy efficiency and utilization of HDVs by implementing optimized high-voltage powertrain configurations to support full operational capabilities. Expected beneficiaries include international consortia of legal entities from eligible countries, excluding legal entities established in China.

Funding

This action is implemented as a lump sum grant under Horizon-IA (Innovation Actions). The total budget envelope for this topic is €16,000,000, with an expected EU contribution per project of approximately €8,000,000. The indicative number of grants to be awarded is two. The maximum funding rate is up to 70% for Innovation Actions, as per Horizon Europe rules. Specific eligible cost and funding rules are detailed in the General Annexes and relevant simplified costs decisions for lump sum actions.

Despesas Elegíveis

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

Elegibilidade

Setores Elegíveis

- Indústria
- Energia & Ambiente
- Mobilidade & Transportes

Tipologia das Empresas

- PME
- Grande
- Entidades públicas
- Entidades privadas sem fins lucrativos

Modalidade de Candidatura

- Consórcio / Copromoção

Tipos de Ação

- Innovation Actions
- Advanced high-voltage system integration
- Heavy-duty electric vehicle modularization
- Fast-charging infrastructure development

Detalhes do Programa UE

ID DA CHAMADA

HORIZON-CL5-2027-03-D5-05

DESTINO

Destination 5: Clean and competitive solutions for all transport modes

CONTRIBUIÇÃO UE

around 8 000 000 EUR

REGRA DE TAXA DE FINANCIAMENTO

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

CLUSTER

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-CL5-2027-03-D5-05?order=DESC&pageNumber=1&pageSize=50&sortBy=relevance&keywords=HORIZON-CL5-2027-03-D5-05&isExactMatch=true&status=31094501,31094502,31094503>

Página no Grantavia: <https://grantavia.com/pt/incentives/higher-voltage-megawatt-charging-system-compatible-modular-powertrain-for-heavy-duty-vehicles-hdv-2zero-partnership>

Agendar reunião: <https://calendly.com/sandra-cardoso-epsa/reuniao>