

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

Horizon Europe

CODICE	AMBITO
HORIZON-CL5-2027-03-D5-05	Internazionale
LOCALITÀ	STATO
Europa	In Attesa
PROGRAMMA	CURATO DA
Horizon Europe	Marlene Faria
GENERATO IL	
25 settembre 2026	

Dettagli Finanziari

TIPO DI SUPPORTO	TASSO MASSIMO DI FINANZIAMENTO
Fondo perduto	100%
BUDGET	VALORE DI PROGETTO AMMISSIBILE
16M€	Up to 8M€

Date e Scadenze

DATA DI PUBBLICAZIONE	DATA DI APERTURA
25 settembre 2026	15 dicembre 2026

Fasi di Candidatura

- Phase 1: 14 aprile 2027 alle ore 15:00

Obiettivi

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.

Spese Ammissibili

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

Idoneità

Settori Idonei

- Industria
- Energia e Ambiente
- Mobilità e Trasporti

Tipologie Aziendali

- PMI
- Grande impresa
- Enti pubblici
- Enti privati non profit

Modalità di Candidatura

- Aggregata / Partenariato

Tipi di Azione

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

Dettagli Programma UE

ID BANDO

HORIZON-CL5-2027-03-D5-05

DESTINAZIONE

Destination 5: Clean and competitive solutions for all transport modes

CONTRIBUTO UE

around 8 000 000 EUR

REGOLA DEL TASSO DI FINANZIAMENTO

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

CLUSTER

Cluster 5: Climate, Energy and Mobility

MODALITÀ DI PRESENTAZIONE

Single-stage

PROGETTI PREVISTI

2

Link Ufficiali

Regolamento Ufficiale:

<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>

Pagina Grantavia: <https://grantavia.com/it/incentives/higher-voltage-megawatt-charging-system-compatible-modular-powertrain-for-heavy-duty-vehicles-hdv-2zero-partnership>

Prenota un incontro: <https://bookings.cloud.microsoft/book/Prenotaunappuntamento@epsa.com/?ismsaljsauth-enabled>