

Sustainable and Competitive Cell Production Techniques for Lithium-ion And Sodium-ion Batteries (BATT4EU Partnership)

Horizon Europe

CODE	SCOPE
HORIZON-CL5-2027-02-D2-06	International
LOCATION	STATUS
Europe	Pending
PROGRAM	CURATED BY
Horizon Europe	Marlene Faria
GENERATED AT	
September 25, 2026	

Financial Details

SUPPORT TYPE	MAXIMUM FUNDING RATE
Non-Refundable	100%
BUDGET	ELIGIBLE PROJECT VALUE
37.8M€	Up to 18.9M€

Dates & Deadlines

PUBLICATION DATE	OPENING DATE
September 25, 2026	December 3, 2026

Application Phases

- Phase 1: March 31, 2027 at 03:00 PM

Objectives

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This call targets the development of groundbreaking manufacturing techniques for lithium-ion and sodium-ion battery cells, with the goal of significantly strengthening the European battery manufacturing sector. Projects funded under this topic must demonstrate advanced and flexible production lines capable of adapting between various battery chemistries, supporting measurable reductions in both capital (CAPEX) and operational expenses (OPEX), energy consumption, and environmental footprint. Eligible applicants are typically multi-partner consortia comprising research organizations, industry partners, and public or private entities established in eligible countries, but excluding legal entities established in China for this topic. The intention is to help create a resilient, competitive, and sustainable battery cell manufacturing ecosystem in Europe.

Funding

Projects will be funded through Horizon Innovation Actions with a maximum EU contribution of approximately EUR 18,900,000 per project, under a total call envelope of EUR 37,800,000, and an indicative number of two grants to be awarded. The maximum funding rate is 70% for most participant types, potentially up to 100% for some non-profit entities, in accordance with Horizon Europe rules. All proposals must adhere to Horizon Europe's budgetary, eligibility, and cost reporting guidelines, with detailed guidance available in the official annexes and manuals.

Eligible Expenses

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

Eligibility

Eligible Sectors

- Industry
- Energy & Environment
- Mobility & Transport

Company Typologies

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

Application Mode

- Consortium / Copromotion

Action Types

- Innovation Actions
- Battery Manufacturing
- Pilot Line Development

- Process Digitalisation
- Advanced Quality Control

EU Programme Details

CALL ID

HORIZON-CL5-2027-02-D2-06

CLUSTER

Climate, Energy and Mobility

DESTINATION

D2. Cross-sectoral solutions for the climate transition

SUBMISSION MODE

Single-stage

EU CONTRIBUTION

around 18,900,000 EUR per project

EXPECTED PROJECTS

2

FUNDING RATE RULE

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

Official Links

Official Regulation:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL5-2027-02-D2-06?order=DESC&pageNumber=1&pageSize=50&sortBy=startDate&keywords=HORIZON-CL5-2027-02-D2-06&isExactMatch=true&status=31094501,31094502,31094503>

Grantavia page: <https://grantavia.com/en/incentives/sustainable-and-competitive-cell-production-techniques-for-lithium-ion-and-sodium-ion-batteries-batt4eu-partnership>

Schedule a meeting: <https://calendly.com/sandra-cardoso-epsa/reuniao>