

Improvement of Adaptability, Flexibility and Efficiency of Existing Recycling Processes (BATT4EU Partnership)

Horizon Europe

CODE	SCOPE
HORIZON-CL5-2027-02-D2-05	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
18.8M€	Up to 9.4M€

Dates & Deadlines

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

Application Phases

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

Objectives

Objectives

This call aims to enhance the adaptability, flexibility, and efficiency of battery recycling processes across Europe. Eligible applicants are legal entities from eligible Horizon Europe countries (excluding entities established in China for this destination). Projects should contribute to increased efficiency in recycling diverse battery chemistries, particularly lithium-ion, and should help reduce Europe's reliance on imported raw materials by improving recycling outcomes. Proposals must demonstrate compliance with the EU Batteries Regulation, specifically regarding recycling efficiency and material recovery targets.

Funding

The total budget for this topic is €18,800,000, with an indicative EU contribution of around €9,400,000 per funded project. The co-financing rate for eligible costs is up to 70% for most participants and up to 100% for non-profit entities, with details set by the Horizon Europe Innovation Action rules. The maximum project value is around €9,400,000 aligning with the typical contribution per project, while allocations reflect the Innovation Action type.

Eligible Expenses

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

Bonuses & Majorations

- Consideration of Safe and Sustainable by Design framework
- Engagement with Joint Research Centre (JRC)

Eligibility

Eligible Sectors

- Energy & Environment
- Industry

Company Typologies

- Micro
- Sme
- Small Mid-Cap
- Mid-Cap
- Large
- Non-business entities of the R&I system (ENESII)
- Private non-profit entities
- Public entities

Application Mode

- Consortium / Copromotion

Action Types

- Innovation actions
- Technology demonstration
- Process optimization
- Life-cycle assessment
- Techno-economic assessment

EU Programme Details

CALL ID

HORIZON-CL5-2027-02-D2-05

CLUSTER

Cluster 5: Climate, Energy and Mobility

DESTINATION

D2. Cross-sectoral solutions for the climate transition

SUBMISSION MODE

Single-stage

EU CONTRIBUTION

around 9,400,000 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-D2-05?order=DESC&pageNumber=1&pageSize=50&sortBy=relevance&keywords=HORIZON-CL5-2027-02-D2-05&isExactMatch=true&status=31094501,31094502,31094503>

Grantavia page: <https://grantavia.com/en/incentives/improvement-of-adaptability-flexibility-and-efficiency-of-existing-recycling-processes-batt4eu-partnership>

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