

Horizon 2020 – “Next Generation Batteries” Topic preview 2019-2020

Version 20.08.2018

Available funding

- Indicative budget for 2019: € 114 million
- Indicative budget for 2020: € 70 million

Call - Building a Low-Carbon, Climate Resilient Future: Next-Generation Batteries

This call includes topics taken from the Transport, NMBP and Energy Work Programmes and combined in this annexe on cross-cutting activities. For 2020, only the topic titles are known, the content will be defined at a later stage.

All topics and reference documents are hyperlinked.

Types of Action in these Calls for Proposals:

Funding Code	Funding Scheme	Funding Rate	EC Contribution (indicative)	Comment
RIA	Research & Innovation Actions	100%	€ 2-10 M	Collaborative research projects
CSA	Coordination and Support Actions	100%	€ 0.5-2M	No R&D activities funded

Calls topics

For the complete topic texts and further information on topic-specific requirements, please contact the NMBP, Energy or Transport NCP.

Call (Identifier)	Topic	Type of action	Expected EU contribution (M €)	Total budget (M €)	Deadline
Next Generation Batteries	LC-BAT-1-2019: Strongly improved, highly performant and safe all solid state batteries for electric vehicles	RIA	6-8	25	25.04.2019
	LC-BAT-2-2019: Strengthening EU materials technologies for non-automotive battery storage	RIA	6-8	24	25.04.2019
	LC-BAT-3-2019: Modelling and simulation for Redox Flow Battery development	RIA	≤ 2	5	25.04.2019
	LC-BAT-4-2019: Advanced Redox Flow Batteries for stationary energy storage	RIA	3-4	15	25.04.2019
	LC-BAT-5-2019: Research and innovation for advanced Li-ion cells (generation 3b)	RIA	5-12	30	25.04.2019
	LC-BAT-6-2019: Li-ion Cell Materials & Transport Modelling	RIA	3-6	13	25.04.2019
	LC-BAT-7-2019: Network of Li-ion cell pilot lines	CSA	1-2	2	25.04.2019
	LC-BAT-8-2020: Next-generation batteries for stationary energy storage				<i>tbd</i>
	LC-BAT-9-2020: Hybridisation of battery systems for stationary energy storage				<i>tbd</i>
	LC-BAT-10-2020: Next generation and realisation of battery packs for BEV and HEV				<i>tbd</i>

For all open issues relating to Batteries, please do not hesitate to contact:

- For questions regarding formal and administrative matters (proposal submission, eligibility criteria, budgeting, etc.):
Your Regional Office (www.euresearch.ch/en/contacts/)
- For questions concerning the scientific aspects of your proposal:
Your National Contact Point Transport (nicole.wyss@euresearch.ch)

Reference documents

Energy Union policies

SET-plan

STRIA (Towards a Strategic Transport Research & Innovation Agenda)

Strategic Action Plan on Batteries