



European  
Commission

Horizon 2020  
European Union funding  
for Research & Innovation

## Cross-cutting activities

This document provides a short list of the Horizon 2020 [cross-cutting calls](#) including topics, indicative budgets, deadlines as well as information about submission process. When preparing your application, please consult published call texts, which you can find from the [Funding & Tenders](#) portal.

Project proposers should consider and actively seek synergies with, and where appropriate possibilities for further funding from, other relevant EU, national or regional research and innovation programmes, private funds or financial instruments.

Examples of synergies are actions that build the research and innovation capacities of actors; mutually supportive funding from different Union instruments to achieve greater impact and efficiency; national/regional authorities actions that capitalise on on-going or completed Horizon 2020 actions aimed at market up-take/commercialisation.

### 1) Call - Building a Low-Carbon, Climate Resilient Future: Next-Generation Batteries (H2020-LC-BAT-2019-2020)

Topic	Total budget/budget per project (EUR Mil)	Stages	Action	Opening	Deadline(s)
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LC-BAT-8-2020: Next-generation batteries for stationary energy storage	20 (6-8)	1	RIA	3 Dec 2019	21 Apr 2020
LC-BAT-9-2020: Hybridisation of battery systems for stationary energy storage	10 (3-4)	1	RIA	3 Dec 2019	21 Apr 2020
LC-BAT-10-2020: Next generation and realisation of battery packs for BEV and PHEV	40 (8-10)	1	IA	3 Dec 2019	21 Apr 2020
LC-BAT-11-2020: Reducing the cost of large batteries for waterborne transport	20 (8-12)	1	RIA	3 Dec 2019	21 Apr 2020

### A large-scale research initiative on Future Battery Technologies p. 27-

LC-BAT-12-2020: Novel methodologies for autonomous discovery of advanced battery chemistries	20 (20)	1	RIA	9 Jul 2019	16 Jan 2020
LC-BAT-13-2020: Sensing functionalities for smart battery cell chemistries	10 (2-4)	1	RIA	9 Jul 2019	16 Jan 2020
LC-BAT-14-2020: Self-healing functionalities for long lasting battery cell chemistries	10 (2-4)	1	RIA	9 Jul 2019	16 Jan 2020
LC-BAT-15-2020: Coordinate and support the large scale research initiative on Future Battery Technologies	2 (2)	1	CSA	9 Jul 2019	16 Jan 2020

## 2) Call – Competitive, Low Carbon and Circular Industries (H2020-LOW-CARBON-CIRCULAR-INDUSTRIES-2020)

Topic	Total budget/budget per project (EUR Mil)	Stages	Action	Opening	Deadline(s)
CE-NMBP-41-2020: ERA-NET on materials, supporting the circular economy and Sustainable Development Goals	15 (15)	1	ERA-NET Cofund	3 Jul 2019	5 Feb 2020
CE-NMBP-42-2020: Materials life cycle sustainability analysis	6 (6)	1	RIA	3 Jul 2019	5 Feb 2020
CE-SPIRE-01-2020: Tapping into the potential of Industrial Symbiosis	97.5 (SPIRE-01 12-20; SPIRE-07 8-12; SPIRE-09 8-12)	1	IA	3 Jul 2019	5 Feb 2020
CE-SPIRE-07-2020: Preserving fresh water: recycling industrial waters industry		1	IA	3 Jul 2019	5 Feb 2020
CE-SPIRE-09-2020: Alternative mineral resources for high volume production		1	IA	3 Jul 2019	5 Feb 2020
CE-SC5-07-2020: Raw materials innovation for the circular economy: sustainable processing, reuse, recycling and recovery schemes (5 sub-topics)	40 (8-13)	2	IA	3 Jul 2019	5 Feb 2020 (1st) 3 Sep 2020 (2nd)
CE-SC5-08-2020: Raw materials policy support actions for the circular economy - Expert network on Critical Raw Materials	3 (3)	1	CSA	3 Jul 2019	5 Feb 2020
CE-SC5-31-2020: Develop, implement and assess a circular economy oriented product information management system for complex products from cradle to cradle	15 (7-8)	2	IA	3 Jul 2019	5 Feb 2020 (1st) 3 Sep 2020 (2nd)
CE-SC3-CC-9-2020: Industrial (Waste) Heat-to-Power conversion	14 (12-14)	1	IA	5 May 2020	1 Sep 2020
CE-SC3-NZE-5-2020: Low carbon industrial production using CCUS	15 (15)	1	IA	5 May 2020	1 Sep 2020

### Exceptions and conditions – consult the corresponding work programme for more details:

Grant conditions	Evaluation exceptions	
LC-BAT-12-2020	CE-NMBP-41-2020	CE-SC5-08-2020
LC-BAT-13-2020	CE-NMBP-42-2020	CE-SC5-31-2020
LC-BAT-14-2020	CE-SC3-CC-9-2020	CE-SPIRE-01-2020
LC-BAT-15-2020	CE-SC3-NZE-5-2020:	CE-SPIRE-07-2020
	CE-SC5-07-2020	CE-SPIRE-09-2020

Notice that consortium agreement is needed for all consortium submissions.

## Indicative timetable for evaluation and grant agreement signature:

For single stage procedure:

- Information on the outcome of the evaluation: max. 5 months from the final date for submission
- Indicative date for the signing of grant agreements: max. 8 months from the final date for submission.

For two stage procedure:

- Information on the outcome of the evaluation: max. 3 months from the final date for submission for the first stage and max. 5 months from the final date for submission for the second stage
- Indicative date for the signing of grant agreements: max 8 months from the final date for submission of the second stage.

## Online sources of information:

- European Commission's H2020 pages:  
<http://ec.europa.eu/research/horizon2020>
- European Commission funding & tenders:  
<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/programmes/h2020>
- Finnish H2020 pages:  
<https://www.businessfinland.fi/suomalaisille-asiakkaille/palvelut/rahoitus/horisontti-2020/lyhyesti>

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