

BOF meeting 22 November 2019, Brussels

Battery 2030+ State of Play



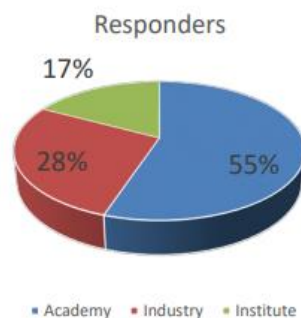
Flagships Unit
DG Connect, European Commission

Battery 2030+

State of play



□ Main achievements



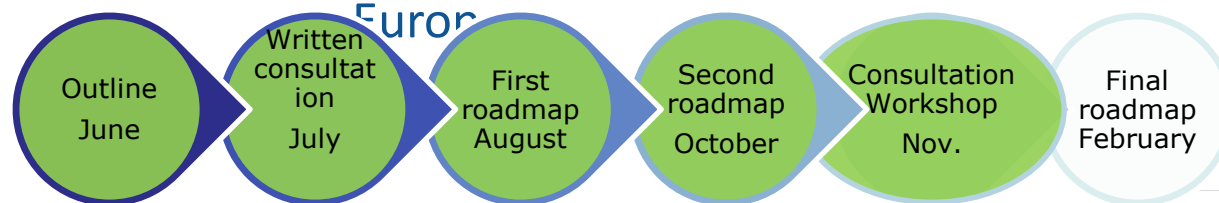
- ✓ Manifesto, endorsed by 1300 industry and academic researchers
- ✓ 22 countries visited
- ✓ National battery networks forming across Europe
- ✓ 100 written contributions from 17 countries
- ✓ Draft roadmap published - Inventing the Batteries of the Future
https://battery2030.eu/digitalAssets/820/c_820604-l_1-k_battery-2030_roadmap-v2.1.pdf
- ✓ Strong links established with BatteRies Europe network
- ✓ State of the Art report

All endorsements - Europe

□ Next steps

Aprr. 1300 endorsements

- Consultation workshop - 20th of Nov in Brussels (200 participants)
- Final roadmap to be published in Feb 2020
- Suggestions for new R&I actions for Horizon Europe



'No one can predict what could be the future winning material-chemistries combinations. We therefore need to mobilise large European research efforts for cracking this challenge, in close cooperation with our industry. I am pleased to see that this is at the core of the Battery 2030+'

Vice President Šefčovič, Opening of Battery 2030+



❑ Horizon 2020 Call

- ✓ 42 M euros for kick-starting BATTERY 2030+ (ddl 16 January 2020)
- ✓ 5M€ top-up for Battery in next M-ERANET (ddl 13 February 2020)

❑ Battery research on the agenda of Horizon Europe and in the draft Strategic Orientations

- ✓ Pillar 2: Cluster 5 Cimate, energy and mobility
- ✓ Long term research explicitly included
- ✓ To be implemented in a co-programmed partnership

❑ Europe battery ecosystem getting in place

- ✓ Coordinated approach at European level
- ✓ Address the complete industrial value chain & sectors
 - Mining, manufacturing, recycling and second-use
 - Transport & stationary storage
- ✓ Supportive policy framework and financing instruments
 - Research, innovation, investment, regulation & standards

European Battery Networks & Initiatives

