



The future of batteries

A workshop of the BATTERY 2030+ initiative preparing a FET Flagship initiative on future battery technologies

29th October, 9-12 AM

To respond to the challenge of creating a competitive and sustainable battery manufacturing industry in Europe, the EC Vice-President for Energy Union Maroš Šefčovič launched in October 2017 the [EU Battery Alliance](#), as an industry driven initiative which led to the publication in May 2018 by the Commission of a [Strategic Action Plan](#).

One of the actions in this plan is the call for preparation of a large scale [Future and Emerging Technologies \(FET\) Flagship](#) research initiative to support high-risk disruptive research on ultra-high performance, smart and sustainable battery technologies that can provide a decisive competitive advantage to Europe in the future. It should complement the short-medium term EU research efforts focused on the next upcoming generation of battery technologies as well as other initiatives focused on accelerating the deployment of manufacturing capacities in Europe.

This workshop aims to present the state of play of preparation of this Flagship initiative and to engage with industrial stakeholders in a discussion on the main technological priorities that it should address as well as on the potential contributions of industry to this initiative.

This workshop is organised by the Battery 2030+ initiative with the support of the European Commission, DG CNECT¹ C4-Flagship Unit.

About Battery 2030+ - at the heart of a connected green society

Following the "[Future Battery Technologies for Energy Storage](#)" workshop organised on 10th January 2018, scientists, institutes, and trade associations representing organisations all over Europe got together to prepare a large scale initiative on future battery technologies, named Battery 2030+. The vision of Battery 2030+ is to address the greatest challenge for the future of energy storage: to achieve smart, ultra-high-performance batteries within a sustainable framework. This means a disruptive, long-term research approach complementing other on-going activities in Europe with a clear goal to present new concepts and ideas supporting European companies.

Additional information:

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Registration:

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Participation is limited to 70 attendees.

Confirmation of registration will be sent by October 5th.

Venue:

[Messe Wien Exhibition & Congress Center](#), Messeplatz 1, 1021 Vienna, Austria

Room "Schubert 2", 1st floor.



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Draft Agenda

- 8.00-9.00 *Registration*
- 9.00-9.10 Welcome by Roberto Viola, Director General, European Commission
- 9.10-10.20 A MANIFESTO for a FET Flagship initiative on future battery technologies
Presentation and panel discussion
- Moderator: Roberto Viola, Director General, European Commission
- Panel:
- Prof. Kristina Edström, Uppsala University : Battery 2030+ initiative
 - Prof. Jean-Marie Tarascon, Collège de France: Sensors and self-healing
 - Prof. Tejs Vegge, DTU: Battery Interface Genome & Material Acceleration Platform (BIG-MAP)
 - Dr. Marcel Meeus, EMIRI: Sustainability, manufacturability and recycling
- 10.20-10.30 Presentation of parallel sessions
- 10.30-11.30 Parallel sessions
Discussion leaders: Prof. Noshin Omar, VUB; Dr. Silvia Bordoardo, POLITO;
Prof. Maxmilian Fichtner, KIT; Dr. Edel Sheridan, SINTEF
- 11.30-11.45 Reporting from parallel sessions
- 11.45-12.00 Closing
European Commission