

# Mission Report – Workshop “The Future of Batteries” – Vienna (Austria) 29th of October 2018 – [REDACTED]

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## 1. Event

### a) Workshop on “The Future of Batteries”

The Strategic Action Plan on Batteries [COM\(2018\) 293](#), adopted by the Commission in May, foresees the launch of a FET Flagship initiative on “future battery technologies”.

This is the [second workshop](#) organised in the context of the preparatory works that will mature the vision, key objectives and strategic research priorities of the Flagship.

The main objective of the workshop (see [description and agenda](#)) is for the BATTERY 2030+ initiative members to gather feedback from the stakeholders about their draft manifesto.

This is a key document to define the vision and mission of the new FET Flagship initiative on Future Batteries Technologies. The plan is to finalise the document towards the end of 2018.

The workshop is hosted by the [INDustrial TECHNOlogies](#) 2018 conference co-financed by DG RTD and the Austrian Presidency. More than 80 participants from academia and industry have registered.

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## 2. Overview of the main items and evaluation of the mission

a) The workshop on “Future of Batteries” was opened by Roberto Viola (RV), Director General of CNECT, who delivered a remarked speech, reminding the importance of the batteries technology in the context of an always more digital society, and how the Flagship integrates in the broader action plan on batteries, focusing on the longer-term research.

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RV then chaired a panel discussion with four representatives of the BATTERY 2030+ initiative: [redacted] (Uppsala University), [redacted] (Collège de France), [redacted] (DTU) and [redacted] (EMIRI). Each speaker made a 10min presentation, covering the main chapters of the manifesto (initiative overall; materials accelerator platform and battery interface genome; sensing and self-healing; manufacturing, sustainability and recyclability). As panel chair, RV then opened the floor to questions from the audience. After the panel, the audience split across 4 parallel streams. During that session, a private meeting of RV with [redacted] (CEA-Leti) took place to enquire about the preparatory process for the manifesto and the next steps. The main messages passed by RV were the importance to position clearly the Flagship in the broader battery action plan, clarifying relationships with the battery alliance, involving both academics and industrials, the expected continuous transfer of results (not waiting for the end of the Flagship), the importance of reaching-out broadly and to ensure a large endorsement of the manifesto, etc. The timing of the upcoming Coordination and Support Action was mentioned as well as of the Presidency event on batteries under Romanian presidency next year. RV mentioned also his intention to publish a blog post after the workshop.

Back to the workshop, the work of each parallel session was summarised, bringing interesting considerations that can potentially improve the draft manifesto (importance of IP and patenting, risk resulting from dependencies across the main pillars of the Flagship, need to consider the cost factor (affordability), need for pilot lines, possible involvement of FLAG-ERA, etc).

It was followed by a presentation by DG RTD (Materials and Transport units) about their upcoming calls in 2019-2020 in the context of batteries, as well as the ongoing battery prize (closing in 2020).

I took care of wrapping-up the main elements of the workshop, presenting the next steps, and thanking the battery 2030+ colleagues, the audience and the colleagues of DG RTD for helping in organising this very fruitful workshop.

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### 3. Extent to which the objectives of the mission were achieved

The objectives were fully achieved, and we gathered very positive feedback on the workshop from the Battery 2030+ consortium, from the participants and from other Commission representatives. The C4 staff in charge of organising the workshop and preparing RV's briefing, [REDACTED]

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### 4. Follow-up required

Follow-up of the preparation of the "battery manifesto" in view of its possible presentation at the [ICT2018 conference](#) in Vienna in December.

### 5. Supporting documents

- [Basis CNECT/7319](#) - Briefing for Roberto Viola (incl. agenda, draft manifesto, speaking points)
- Videos of QT Kick-off event on the [QT Youtube channel](#)

### 6. Of interest to

[Thomas SKORDAS](#); [REDACTED]

[REDACTED]