



LC-BAT-14: HINDERING DENDRITE GROWTH IN LITHIUM METAL BATTERIES

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D7.2: Interim report on performed dissemination and communication activities, including draft exploitation plans for KERs

Lead Author: Melinda Kuthy (TALOS)

**with contributions from: Dr. Alexandros Michaelides (TALOS),
Eleni Fragkiadaki (TALOS)**

Reviewers: Marja Vilkmann (VTT), Mari Ylikunnari (VTT), Anssi Laukkanen (VTT), Clementin Antolin (SP), Pietro Iurilli (CSEM), Michael Stadler (BFH), Manuel Marechal (CNRS), Simon Muller (BFH), Marion Combre (SP)

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Publishable Summary

The HIDDEN project has performed numerous dissemination and communication activities during the first 18 months of the project, including participation at conferences and exhibitions, lectures to university students, publications at printed and online media and active social media presence. The project website and project social media accounts were set up at the beginning of the project and remained one of the main communication channels towards the project's stakeholders.

In parallel, numerous networking activities also took place, mainly under the umbrella of the Battery 2030+ initiative, enhancing in this way our communication efforts and spreading the word within the whole Battery 2030+ family.

Consortium partners had extensive discussions regarding the Key Exploitable Results (KERs) of the project. At the middle of the project already 10 KERs were identified, characterized and preliminary exploitation pathways were described. The 10 KERs identified are:

1. Thermotropic Ionic Liquid Crystal (TILC)
2. Deep learning solution for electrolyte property assessment and design
3. Piezoelectric separator
4. Characterisation and detection of dendrite growth
5. Coating in elevated temperature
6. Laser cutting of TILC coated cathode and Li metal anode
7. Quality assurance measurement devices within the assembly process
8. Heating element
9. Coating process for the TILC electrolyte
10. Optimized assembly process

The list of KERs will be continuously updated as the technology development evolves, and new items will be added based on the project achievements.