

LI-ION CELL PILOT LINES NETWORK

Resultados

Información del proyecto

LIPLANET

Identificador del acuerdo de subvención:
875479

[Sitio web del proyecto](#) 

DOI

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Proyecto cerrado

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11 Octubre 2019

Fecha de inicio

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Fecha de finalización

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SOCIETAL CHALLENGES - Smart, Green And
Integrated Transport

Coste total

€ 1 998 636,25

Aportación de la UE

€ 1 998 636,25


Coordinado por

TECHNISCHE UNIVERSITAET
BRAUNSCHWEIG



Germany

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Resultado final

[Plan for the sustainability of the network](#)

The plan for the sustainability of the network describes how the network will operate in the years beyond funding by the EU. The deliverable includes a detailed strategic plan, further funding opportunities for the network, as well as a report on the results of a survey that evaluates the progress of the network and the user acceptance.

[Validation of the round-robin protocol](#)

After one year, the round-robin protocol will be validated. The validation is conducted in one pilot line first, with some iterations. The resulting round-robin protocol will be published and distributed among the pilot lines.

[Pilot line definitions and terms of reference](#)

The definition of R&D pilot lines as understood within the context of LiPLANET will be defined. A set of definitions and classifications of the available and forthcoming R&D pilot lines is developed and published that will serve as a basis for the further

[Expert groups set-up](#)

The expert groups consist of experts within the pilot line network and the project consortium. In a sensible discussion format, they will deliver input to main discussion points, such as the knowledge exchange, data sharing, education, best practice, etc. The groups will be fully set up by M6.

[Analysis of the round-robin results](#)

The raw data of the round-robin tests is centralised and analysed to check for comparability and tolerances. As long as quality criteria are met, the results will be published and data will be shared.

[Dissemination and communication plan](#)

A dissemination and communication plan will be elaborated, summarising the consortium's strategy and concrete actions to communicate about the project and to disseminate the project status and results generated by the project.

[Training materials](#)

LiPLANET promotes professional training via teaching programs and online courses. The required materials for these courses are developed by each partner.

[Cooperation Agreement](#)

Final contract of Cooperation Agreement will be developed.

[Standardised legal contracts for collaboration within the network member and with third parties](#)

Three types of contract templates will be developed for participating network members collaboration and data exchange between network members and third parties as well as an NDA and MTA for transfer of materials. The contracts formalize the collaboration between the stakeholders of the pilot plant network.

[Report on goals, objectives and the framework of a roadmap towards an industrial scale European Li-ion cell production](#)

The framework and the objectives of the roadmap are defined, documented, visualized and summarized in a report. The report further documents the workshop-based process to derive the mentioned goals.

[Report on mapping of EU Li-ion R&D pilot lines](#)

After the conclusion of the pilot line mapping, the report will be produced and published on the LiPLANET website. Among other things, the report contains the pilot line definitions, the evaluation of the questionnaire, development potentials, possible gaps as well as a graphical representation of all identified European pilot lines.

[European roadmap for an industrial scale Li-ion cell production - Final version](#)

A further workshop validates the roadmap at the end of the project. The final version of the roadmap will be published at the end of the project duration.

[Communication and dissemination materials](#)

Communication materials such as the website, CI templates, flyers and social media accounts are set up until M3. The materials will be updated twice a year to ensure an updated state. Due date at 3, 6, 12, 18 and 24 months.

[Round-robin protocol](#)

The round robin protocol contains the definition of process, target parameters, cell formats and chemistries that ought to be kept by every participating member. It is developed to cover all needs and requirements of the participants to the test.

[Policy briefs](#)

Policy briefs will be developed in order to transfer recommendations to policy makers. The policy briefs are derived from best practices examples, WP3 inputs from the roadmap, WP5 and will make a contribution towards enabling and replicating best practices at EU level. Due date at 12 and 24 months.

Permalink: <https://cordis.europa.eu/project/id/875479/results/es>

European Union, 2025

