



Grant agreement no: 711792	Project Acronym: LiRichFCC	Project title: Novel Cathode Materials for Lithium Ion Batteries
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Organization name of lead contractor: Karlsruhe Institute of Technology	Document version: 2017-02-28
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Work package: WP 5: Management & Evaluation

Title: D5.2: Dissemination Plan

Start date of project: Oct. 1st 2016 (duration 36 months)	Contractual Delivery Date: 2017-02-01	Actual Delivery Date: 2017-02-20
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Dissemination level: <input checked="" type="checkbox"/> PU (Public) <input type="checkbox"/> CO (Confidential, only members of the consortium + Commission)
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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 711792.

1 INTRODUCTION

This dissemination report has the purpose to define the aims of and set the guidelines for dissemination and communication of results obtained by the partners of the LiRichFCC project. It is divided in four parts addressing (i) the objectives of dissemination work, (ii) the targeted key audiences, (iii) specific dissemination and communication measures that will be employed, and (iv) dissemination rules as set out in the Grant Agreement.

Information about the dissemination activities organised by the project as well as all public documents generated during the project lifetime will be provided through the public project website www.lirichfcc.eu. Dissemination and communication activities will be updated periodically during the project lifetime, and updated versions of this report may be released.

2 OBJECTIVES OF DISSEMINATION ACTIVITIES

Spreading of knowledge and know-how is necessary to reach the exploitation objectives and will be focused on fostering exchange between R&D, industry, politics, NGOs and the public. To this end, LiRichFCC has set up a complete range of dissemination and communication activities leading to the optimal internal and external visibility of the project and its results, increasing the likelihood of industry- (and later market-) uptake of the output it produces, and ensuring a smooth handling of the individual intellectual property rights of the involved partners in view of paving the way to knowledge transfer and exploitation.

The major objective of dissemination is

- To spread the results of the LiRichFCC project to the major stakeholders in the European scientific and research communities to ensure the access to the recent developments in new Li-ion battery materials and technologies.

In particular, the dissemination activities of the LiRichFCC partners aim at

- Strengthening interactions with the scientific community, enabling LiRichFCC to achieve its technical goals more rapidly and to a greater extent,
- Advancing technology adoption by relevant industries, thereby building a basis for industrial development, production and market uptake of novel battery technology in Europe,
- Increasing policy makers' and NGOs' awareness of the new technology, paving the way for an associated regulatory framework.
- Raising public acceptance of novel technology developments.

3 TARGET GROUPS

LiRichFCC dissemination activities are focused on the **European scientific and research communities** as well as on potential **industry partners** (for instance ALISTORE network). This includes scientific research groups at universities and research institutions, materials and cell manufacturers, and the automotive industry.



Further, dissemination to **policy makers** such as EMIRI and EERA **and NGOs** such as industry associations, standardization committees, environmental agencies etc. will greatly enhance the visibility of LiRichFCC and contribute to a swift adoption of the LiRichFCC technology in real-world applications.

Lastly, dissemination activities will target the **general public** with the aim to increase awareness of issues and recent development in energy storage using suitable language and media channels.

4 MEANS OF DISSEMINATION

4.1 Layout and Corporate Identity

Common graphic identity in the dissemination tasks allows better visibility and recognition as well as branding of the project. All dissemination tools and activities must refer to the name of the project, to the project website and to the graphic elements described in this Section.

4.1.1 Project Logo

The LiRichFCC logo features the white contours of a battery cell – labelled with the project acronym – on an abstract background consisting of several overlapping, differently coloured, semi-transparent circular discs.



4.1.2 Project Layout

Common or similar layouts are required for LiRichFCC dissemination materials (including flyers, posters, website, PowerPoint presentations, project report template, deliverable template etc.). Using the created Word template all internal documents written during the project have to be published in the project corporate identity (CI). It is essential to present all written materials in the project CI to guarantee a unique appearance.

4.1.3 Language

The official language of the LiRichFCC project is English; therefore, the dissemination material will be available in English language. If a project partners require dissemination materials in other languages, they must carry the cost of translation by themselves.



4.2 General Dissemination Tools

4.2.1 Website

The web address of the LiRichFCC public website is: <https://www.lirichfcc.eu/>

The website will be updated regularly throughout the lifetime of the project, and a link will be included as a reference point in all printed material (articles, press releases, presentations, etc.).

4.2.2 Brochures, posters and presentations

A project brochure will be created and regularly updated, summarizing mission, goals and key results of the project.

Posters and presentations will be developed mainly for the use at scientific conferences, industry fairs, and relevant public events. They will be designed effectively to attract the specific audience and communicate the specific message of the project LiRichFCC.

4.2.3 Press Releases

The objective of press releases will be to achieve broad visibility of major project developments and achievements. We are planning press releases for important achievements during the course of the project which will be focused on the completion of a major milestone rather than general project progress.

4.3 Dissemination to the scientific community

4.3.1 Publications

The publications of papers in scientific and technical journals will be encouraged as way of international knowledge sharing. Therefore, we have identified journals of interest for the dissemination of activities and results of the LiRichFCC project. Potential journals for publishing papers include: ACS Nano, Advanced Energy Materials, Nano Letters, Nanoscale, Journal of Power Sources, Journal of Physical Chemistry C, Journal of the Electrochemical Society, and ACS Materials and Interfaces, ACS Energy Letters, Chemical Science, Physical Chemistry Chemical Physics.



4.3.2 Scientific Events

The LiRichFCC project will organize and/or take part at international events:

Table 1: (Foreseen) participation at conferences and workshops

Event	Event description	Impact	Audience	attendants	Involvement
Conferences	AABC meeting, Mainz, 2017	international	Scientific community, Industry	> 1,000	Invited talk
	MRS Spring meeting Phoenix, 2017	international	Scientific community, Industry	> 1,000	Invited talk
	IBA meeting Nara, 2017	international	Scientific community, Industry	> 500	Invited talk
	232 nd & 233 rd meetings of The Electrochemical Society (ECS) 2017-18	international	Scientific community, Industry	> 1,000	Talk, poster
	256 th ACS Meeting 2018	international	Scientific community, Industry	> 5,000	Talk, poster
	EMRS meeting 2018	international	Scientific community, Industry	> 1,000	Talk, poster
	IMLB, Kyoto	international	Scientific community, Industry	> 2,000	Talk, poster
	LiBD, Arcachon	international	Scientific community, Industry	> 300	Talk, poster
	ISE	international	Scientific community, Industry	> 1,000	Talk, poster
Workshop	LiRichFCC workshop Oct. 2018	international	Scientific community, Industry	> 150	organization

4.3.3 Academic theses and teaching

The LiRichFCC project will provide materials for use in academia as part of university lectures, seminars, student's thesis and other materials for higher education.

Table 2: Expected output of PhD and Master theses

Academia	Work related to WP	LiRichFCC partner
Master Thesis	1, 3	KIT
PhD Thesis	1, 2, 3, and 4	KIT
PhD Thesis	TBD	UU



4.4 Dissemination to the industry

While some of the measures outlined in Section 4.2 and Section 4.3 (website, scientific conferences) will also contribute to dissemination of LiRichFCC results to stakeholders from industry, more specific and proactive measures are planned to ensure that broad industry awareness and support can be achieved including:

- Industry liaisons (targeted specific dissemination towards and collaboration with key industrial partners)
- Participation in industry/technology fairs

4.5 Dissemination to policy makers, NGOs, and the general public

Policy makers and representatives of NGOs will be made aware of LiRichFCC press releases and brochures and will be invited to participate at dedicated LiRichFCC workshops and bilateral meetings. Targeted NGOs include industry associations, standardization committees (IEC & ISO), and environmental agencies.

Activities targeted at the general public include press releases, radio/television interviews mentioning LiRichFCC, use of social media channels (Facebook, Twitter, LinkedIn, ...) of the consortium members, public lecturing at universities and high schools, as well as participation in “open house” events of consortium members.

5 DISSEMINATION RULES

Subsection 3 of the LiRichFCC Grant Agreement (GA) defines the rights and obligations related to project results. For dissemination of project results, the following general rules apply:

- Results must be disclosed to the public by appropriate means (other than those resulting from protecting or exploiting the results).
- Each partner must ensure open access to all peer-reviewed scientific publications.
- Open access to research data must be provided.
- The EU emblem must be used on all dissemination materials.
- Appropriate legal disclaimers (see below) must be used on all documents

5.1 Dissemination of Results, Open Access, Visibility of EU Funding (Article 29 of GA)

Obligation to disseminate results: Unless it goes against their legitimate interests, each beneficiary must – as soon as possible – ‘disseminate’ its results by disclosing them to the public by appropriate means (other than those resulting from protecting or exploiting the results), including in scientific publications (in any medium). However, obligations to protect results (Article 27) remain unchanged.

Open access to scientific publications: Each beneficiary must ensure open access (free of charge online access for any user) to all peer-reviewed scientific publications relating to its results. In particular, it must deposit a copy of the published version or final peer-reviewed manuscript accepted for publication in a repository for scientific publications as soon as possible and latest on publication.



Open access to research data: Digital research data generated in the action must be deposited in a research data repository and be made available to access free of charge. At the same time, however, obligations to protect results remain unchanged. Details about procedures on open access to research data will be elaborated in the Data Management Plan.

Obligation and right to use EU emblem: The dissemination of project results (in any form, including electronic), all information and communication materials produced (such as event programmes, cover pages of project reports, website, flyers and posters etc.) must contain the following text and emblem:



The emblems can be downloaded from:

<http://europa.eu/about-eu/basic-information/symbols/flag/>

In addition to the label, partners will also have to display the following legal disclaimer on any written information produced for the project or event:

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 711792.

All dissemination activities of the project LiRichFCC shall be presented on the project website. Therefore, the coordinator shall collect every 6 months all information of all forms of dissemination activities from project partners and publish them on the project website.

5.2 Protection of Results and Visibility of EU Funding (Article 27 of GA)

Each partner must examine the possibility of protecting its results and must adequately protect them – for an appropriate period and with appropriate territorial coverage – if:

- the results can reasonably be expected to be commercially or industrially exploited and
- protecting them is possible, reasonable and justified (given the circumstances).

Applications for protection of results (including patent applications) filed by or on behalf of a partner must include the following:

The project leading to this application has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 711792.



5.3 Exploitation of Results (Article 28 of GA)

Each beneficiary must – up to four years after the period set out in Article 3 – take measures aiming to ensure ‘exploitation’ of its results (either directly or indirectly, in particular through transfer or licensing; see Article 30) by:

- using them in further research activities (outside the action),
- developing, creating or marketing a product or process,
- creating and providing a service, or
- using them in standardisation activities.

If results are incorporated in a standard, the concerned partner must ask the standardisation body to include the following statement in (information related to) the standard:

Results incorporated in this standard received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 711792.

6 LIST OF ABBREVIATIONS AND ACRONYMS

ALISTORE	FP6 Network of Excellence on Batteries and Battery Materials
CI	Corporate Identity
EERA	European Energy Research Alliance
EMIRI	Energy Materials Industrial Research Initiative
EU	European Union
GA	Grant Agreement
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
LiRichFCC	project acronym
NGO	Non-Government Organization
R&D	Research and Development

