

CHARGE – Dissemination Action Plan

CHARGE – Cost-effective Green Hydrogen using AC:DC operated durable SOECs

Revision	Date	Description of change	Prepared by	Reviewed by
0	2026-02-06	Initial draft – V0	MC	MLT, SM, QF
1.0	2026-03-03	V1	MC	
2.0	2026-03-09	V2-Final draft	MC	

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Executive Summary

Deliverable D6.1 – Dissemination Action Plan defines the framework for scientific dissemination and publication activities within the CHARGE project over its full duration (Month 1–36). In line with the approved project application, D6.1 focuses exclusively on the coordination, quality assurance and documentation of scientific outputs arising from the technical work packages. DTU, as Task Leader of WT6.1 Scientific dissemination, is responsible for coordinating all scientific dissemination activities across the consortium and ensuring their alignment with the project objectives and funding requirements. Each technical partner (DTU, FZJ, VERMES, GUT, COAT-IT and DynElectro) contributes to scientific publications and conference contributions based on their respective research and development results, while DTU oversees the overall process. The Dissemination Action Plan establishes the procedures for identifying appropriate target journals and scientific conferences (e.g. ECS, EFCF, other relevant international conferences), defines internal review and coordination mechanisms, and ensures compliance with open-access requirements and acknowledgement obligations. All scientific contributions generated within the project are centrally documented and reported on an annual basis. D6.1 is conceived as a living document, which may be updated during the project to reflect the evolution of scientific results and dissemination opportunities. The scope of this deliverable is strictly limited to scientific dissemination and publication planning. Digital communication activities, stakeholder engagement, exploitation planning and IP management are addressed in separate WP6 deliverables (D6.2–D6.5).

1. Introduction and Objectives

Scientific dissemination is a core element of the CHARGE project, ensuring that the knowledge and insights generated through the technical work packages are shared with the scientific community in a structured, high-quality and compliant manner. As defined in the approved project application, scientific dissemination within CHARGE focuses on peer-reviewed publications and scientific conference contributions arising from the project's research and development activities. D6.1 therefore serves as the reference document defining the framework and procedures for scientific dissemination across the consortium in combination with the already established procedures as described in the project CA (D1.1). DTU acts as Task Leader for WT6.1 and is responsible for coordinating and overseeing all scientific dissemination activities throughout the project duration (Month 1–36). Each technical partner (DTU, FZJ, VERMES, GUT, COAT-IT and DynElectro) contributes to scientific outputs based on their respective research results, while DTU ensures overall coherence, quality assurance and alignment with the project objectives as defined in the approved proposal.

The main objectives of Deliverable D6.1 are to:

- provide a clear and consistent framework for scientific dissemination and publication within the CHARGE project;
- support high-quality peer-reviewed scientific publications and conference contributions based on the project's technical results;
- define target journals and scientific conferences relevant to the project's research domains;
- establish coordination and internal review procedures to ensure scientific quality and alignment with project objectives;
- ensure compliance with open-access requirements and appropriate acknowledgement of project funding;
- enable central documentation and annual reporting of all scientific dissemination activities.

Through these objectives, D6.1 supports the effective dissemination of CHARGE's scientific results while ensuring that all activities are conducted in a coordinated, transparent and compliant manner within the CETP project framework.

2. Scope and Positioning within WP6

Deliverable D6.1 defines the scope, principles and procedures for scientific dissemination and scientific publication within the CHARGE project, as specified in the approved project application. Its scope is strictly limited to peer-reviewed journal publications and scientific conference contributions arising from the project's research and development activities. D6.1 establishes a project-wide framework for the coordination and quality assurance of scientific dissemination. It covers the identification of relevant target journals and scientific conferences, the definition of internal coordination and review procedures for scientific publications, compliance with applicable open-access requirements and funding acknowledgement rules, as well as the central documentation and

annual reporting of scientific dissemination outputs. While each technical partner remains responsible for generating scientific results and authoring publications based on their respective work, D6.1 provides a common structure to ensure consistency, transparency and alignment with project objectives at consortium level.

Within WP6, D6.1 is positioned as the reference document for scientific dissemination governance. It does not include the execution of communication activities, stakeholder engagement, exploitation planning or intellectual property management. These aspects are addressed through separate and dedicated WP6 deliverables, namely the Communication kit (D6.2), the Stakeholder report (D6.3), the Exploitation strategy (D6.4) and the IP management handbook (D6.5). D6.1 ensures alignment with these deliverables where relevant, but does not define or duplicate their content. By clearly delineating its scope and position within WP6, D6.1 supports a focused and coherent approach to scientific dissemination, enabling high-quality and compliant publication of CHARGE's scientific results throughout the project duration.

3. Scientific Dissemination Strategy

The scientific dissemination strategy of the CHARGE project is designed to support the effective publication of high-quality scientific results generated across the technical work packages. The strategy focuses on peer-reviewed scientific outputs and contributions to relevant scientific conferences, with the aim of ensuring scientific excellence, coherence at consortium level and appropriate visibility within the scientific community.

Scientific dissemination activities will primarily target **the academic research community** and **the applied research and technology development community** active in electrochemistry, materials science, solid oxide technologies and related energy conversion and storage fields. It is recognized that scientific dissemination plays a role in attracting partners for future scientific or commercial projects. Dissemination efforts will be aligned with the maturity of the underlying results, ensuring that scientific publications are based on sufficiently validated data and contribute meaningful insights to the relevant research domains. A balanced approach between different types of scientific outputs will be pursued. **Peer-reviewed journal articles** are considered the primary dissemination channel for mature and comprehensive scientific results, while **conference papers, presentations and posters** provide an important platform for timely exchange of emerging findings, feedback from the scientific community and interaction with relevant research groups. **Doctoral and Master's theses, Bachelor/Master and Doctoral theses**, where relevant, will also contribute to the dissemination of scientific knowledge generated within the project.

Scientific dissemination will reflect the multi-level nature of the CHARGE project, encompassing results at material, component and system level. Where appropriate, dissemination activities will highlight the links between fundamental understanding and applied development, thereby supporting a coherent presentation of the project's scientific contributions across different research scales. To ensure consistency and quality across scientific outputs, dissemination activities will follow agreed project-level principles, including scientific rigor, transparency and proper attribution of

contributions. Dissemination activities will be coordinated across partners to avoid unnecessary duplication and to support a coherent representation of the project’s scientific achievements over time.

4. Target Journals and Conferences

Scientific dissemination within the CHARGE project will be carried out through peer-reviewed scientific journals and international scientific conferences that are relevant to the project’s research domains. The selection of dissemination venues aims to ensure scientific quality, relevance to the target scientific communities and appropriate visibility of the project’s results. Target journals will primarily cover the fields of **electrochemistry, materials science and energy systems**, in line with the scientific scope of the CHARGE project. Preference will be given to well-established, peer-reviewed journals with a clear readership in the relevant scientific communities. Open-access publishing options will be considered in accordance with applicable requirements and funding conditions.

Table 1. Indicative target journals.

Journal name
Journal of Power Sources
Journal of the Electrochemical Society
International Journal of Hydrogen Energy
Journal of Materials Chemistry A
Applied Energy
Electrochimica Acta
ACS Applied Materials & Interfaces
ACS Applied Energy Materials
Journal of Energy Chemistry
Nature Energy

Scientific conferences and events are selected as dissemination venues for the presentation and discussion of project results within relevant scientific communities. Target conferences will be chosen based on their scientific relevance, visibility within the research community and the quality of their review processes. Indicative examples include international conferences focusing on electrochemistry, fuel cells and hydrogen technologies (e.g. ECS, EFCF and other hydrogen- and fuel-cell-focused conferences).

Table 2. Indicative target conferences and scientific events

Conference & event
European SOFC & SOE Forum (EFCF), Switzerland, 2026/2028/...
International Symposium on Solid Oxide Fuel Cells (SOFC-XX), USA/Japan/Europe, 2027/2029/...

International Conference on Solid State Ionics (SSI), 2026/2028/...
ECS Meeting (Spring & Fall), USA
ICACC (International Conference and Expo on Advanced Ceramics and Composites), USA
Chinese Solid Oxide Cell Forum
European Materials Research Society (E-MRS) Spring Meeting (Strasbourg, France) and Fall Meeting (Warsaw, Poland), annual
Progress in Solid Oxide Cells and Systems (annual workshop at DLR, Stuttgart)
Fundamentals and Developments of Fuel Cell and Electrolysers

In addition to major international scientific conferences, dissemination of CHARGE project results may also take place at selected national and regional scientific conferences and workshops. Such venues provide an important platform for engagement with national research communities, knowledge exchange within specific scientific domains, and the involvement and training of early-career researchers. Participation in national-level scientific events will complement dissemination at large international conferences and will be aligned with the maturity and relevance of the scientific results.

The lists of target journals and conferences presented above are indicative rather than exhaustive and may be updated during the project to reflect the evolution of scientific results and dissemination opportunities. The selection of specific venues for individual publications and conference contributions will depend on the scientific content, maturity of results and intended audience.

Scientific dissemination activities within the CHARGE project are not geographically limited to Europe. In line with the global nature of the scientific research community in electrochemistry and solid oxide technologies, project results will be disseminated at leading international conferences and through journals with worldwide readership. This includes scientific events and venues hosted outside Europe, such as in North America and Asia, where relevant and appropriate. Dissemination at international venues supports global scientific exchange, benchmarking against international state of the art and increased visibility of the project's scientific contributions.

5. Publication Workflow and Internal Review Process

Scientific publications and conference contributions arising from the CHARGE project will follow a **common, project-wide coordination and internal review process** to ensure scientific quality, consistency and alignment with project objectives. This process applies to peer-reviewed journal articles and scientific conference contributions generated by the technical partners. Each partner remains responsible for the preparation and authorship of publications based on their own results. The internal review process is intended to support coordination across the consortium, enable early identification of potential overlaps or concerns, and ensure appropriate acknowledgement of the

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project and funding sources. The process is designed to be **lightweight and proportionate**, avoiding unnecessary delays while ensuring transparency.

The publication workflow and internal review process described in this deliverable is implemented **in line with the dissemination and publication provisions defined in the Consortium Agreement**. In particular, it supports the required prior notification of planned publications, enables partners to review proposed dissemination activities, and facilitates the identification of potential concerns related to intellectual property, confidentiality or legitimate academic and commercial interests. The procedures defined in this deliverable do not modify or override the rights and obligations set out in the Consortium Agreement, but provide a practical framework for their consistent application at project level. The internal review process does not replace or supersede any rules related to intellectual property, confidentiality or access rights, which are addressed in the IP management handbook (D6.5). Where relevant, alignment with these rules will be ensured through the coordination process described below.

Table 3. Publication workflow and internal review steps

Step	Description	Responsible party	Indicative timeline
1	Preparation of draft manuscript or conference contribution	Lead author (partner)	
2	Notification of planned publication to dissemination coordinator (DTU)	Lead author	Prior to submission
3	Circulation for internal review and comments	Dissemination coordinator (DTU)	Review period as defined in the Consortium Agreement
4	Consolidation of comments and finalization of manuscript	Lead author	After review
5	Submission to journal or conference	Lead author	
6	Registration of publication in central dissemination log	Dissemination coordinator (DTU)	After submission / acceptance

The timelines indicated above are indicative and may be adapted depending on the type of dissemination activity (journal article or conference contribution) and the maturity of the results. The objective of the process is to support timely publication while maintaining a coordinated and transparent approach across the consortium.

Pre-print dissemination: where appropriate, scientific manuscripts arising from the CHARGE project may be disseminated as pre-prints prior to formal peer-reviewed publication, using established pre-print servers (e.g. domain-relevant repositories). The use of pre-prints is considered an optional dissemination route and does not replace submission to peer-reviewed journals.

The decision to release a pre-print will be taken by the lead author in coordination with the dissemination coordinator and in line with the provisions of the Consortium Agreement and the IP management framework (D6.5). In particular, pre-print dissemination shall only take place after completion of the required internal notification and review procedures, and where it does not compromise intellectual property protection, confidentiality obligations or legitimate academic and commercial interests of the consortium partners.

Acknowledgement

All scientific publications and conference contributions arising from the CHARGE project shall include an appropriate **acknowledgement of project funding and support**, in line with the applicable funding requirements. The following standard acknowledgement text shall be used as a reference and adapted as required for specific dissemination formats:

This project is supported under the Clean Energy Transition Partnership (CETPartnership, 2024 call, project no. CETP-2024-00202). This project is also co-funded by the following national programs:

- *Denmark – EUDP (project no. 640256-550283)*
- *Germany – BMWF (grant no. 03EI3134A and 03EI3134B)*
- *Poland – The National Centre for Research and Development (project no. CETP/CHARGE/0007/2024).*

Visibility requirements shall be applied consistently across scientific dissemination activities, ensuring that the contribution of the project and its funding sources is clearly identifiable without affecting the scientific integrity or independence of the publication. Where required, standard funding acknowledgement statements and visual identifiers shall be used in accordance with the applicable guidelines. The responsibility for including correct acknowledgements and visibility elements rests with the **lead author** of each publication, with support from the **dissemination coordinator** where needed. Compliance with acknowledgement and visibility requirements will be verified as part of the internal coordination process prior to submission.

6. Open Access and Compliance

Scientific publications arising from the CHARGE project will be made available in accordance with **applicable open-access requirements** defined by the funding programmes and relevant national regulations. The project supports open and transparent dissemination of scientific knowledge while ensuring consistency with intellectual property, confidentiality and consortium obligations. Open-access publication may be achieved through **gold open access** or **green open access** routes, depending on the publication venue and funding conditions. Where green open access is applied, the accepted manuscript will be deposited in an appropriate repository in line with the applicable requirements and embargo rules. Compliance with open-access obligations will be ensured through coordination between the lead authors and the dissemination coordinator. Authors remain responsible for selecting suitable publication venues and applying the appropriate open-access

route, while the dissemination coordinator provides guidance and supports consistency across the consortium. Open-access implementation and compliance will be aligned with the publication and dissemination provisions defined in the **Consortium Agreement** and with the intellectual property framework described in **D6.5 (IP Management Handbook)**. Open-access dissemination does not alter the obligations related to the protection of intellectual property, confidential information or the legitimate academic and commercial interests of the consortium partners. These obligations apply equally to all scientific publications, irrespective of the chosen publication route. Where **publication delays** are required in order to protect intellectual property or confidential information, such delays shall be handled **in accordance with the provisions defined in the Consortium Agreement and D6.5**. The open-access implementation described in this section does not alter or override these provisions. Information on open-access publications will be recorded as part of the central dissemination documentation and reported in accordance with project reporting requirements.

Research data and supporting materials

Scientific publications arising from the CHARGE project may be accompanied, where appropriate, by underlying research data, metadata or supplementary materials supporting the published results. Decisions on data storage, accessibility and reuse will follow the principles defined in the project's data management and IP framework, ensuring compliance with applicable funding requirements while protecting confidential information and intellectual property.

Where data are made openly available, they may be deposited in trusted institutional, national or domain-specific repositories, in line with FAIR principles (Findable, Accessible, Interoperable, Reusable). The selection of repositories and the level of data accessibility will be determined on a case-by-case basis by the data-generating partner, in coordination with the dissemination coordinator and in accordance with the Consortium Agreement and D6.5.

Data sharing activities shall remain proportionate and aligned with the scientific objectives of dissemination, and shall not impose mandatory data release obligations beyond those required by funding bodies or agreed within the consortium.

7. Documentation, Monitoring and Reporting

All scientific dissemination activities arising from the CHARGE project will be **centrally documented** to ensure transparency, traceability and consistency with project reporting requirements. Documentation will cover peer-reviewed journal publications, scientific conference contributions and, where relevant, Bachelor/Master and Doctoral theses. A central dissemination log will be maintained by the dissemination coordinator (DTU), capturing key information on scientific outputs, including publication type, title, authorship, dissemination venue and status. Consortium partners are responsible for providing the necessary information to support accurate and timely documentation of their scientific dissemination activities. Monitoring of scientific dissemination will be conducted on a **project-wide basis** and will focus on tracking the progress and output of scientific publications rather than quantitative performance indicators. Monitoring activities are intended to

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support coordination and reporting, not to evaluate or rank individual partners. Information documented through the dissemination log will be used to support **periodic project reporting** and annual summaries of scientific dissemination activities, in line with the requirements of the funding programs. Reporting will provide an overview of scientific outputs generated during the reporting period and will be aligned with the overall project reporting structure. Documentation, monitoring and reporting activities under this section are designed to be proportionate and efficient, ensuring that scientific dissemination is appropriately recorded and reported without introducing unnecessary administrative burden for consortium partners.

In addition to internal documentation and formal reporting, a publicly accessible overview of scientific dissemination outputs generated within the CHARGE project will be maintained through the project website. This overview may include references to peer-reviewed publications, conference papers, posters and presentations arising from the project, with the aim of improving transparency and visibility of scientific results for external stakeholders.

The project website will function as an indexing and signposting tool, providing links or references to already published or accepted scientific outputs, rather than as a primary dissemination or publication channel. The selection, timing and presentation of scientific outputs on the website will follow the communication and visibility framework defined in Deliverable D6.2 and remain subject to the internal coordination and compliance procedures described in this deliverable.

8. Risks and Mitigation Measures

Scientific dissemination activities within the CHARGE project are associated with a limited number of operational and compliance-related risks. These risks are considered manageable and are addressed through proportionate mitigation measures embedded in the dissemination framework defined in this deliverable and in related project procedures. The table below summarizes the main risks identified for scientific dissemination, together with their likelihood, potential impact and corresponding mitigation measures.

Table 4. Risks and mitigation measures related to scientific dissemination

Risk	Likelihood	Impact	Mitigation
Delay of publications due to IP or confidentiality checks	Medium	Medium	Early notification of planned publications and coordination in line with the Consortium Agreement and D6.5
Overlap between scientific dissemination and communication activities	Low	Medium	Clear scope definition and separation of scientific dissemination (D6.1) from communication activities (D6.2)
Non-compliance with open-access requirements	Low	High	Central coordination, guidance to authors and verification of

			compliance prior to submission
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The mitigation measures listed above are integrated into the publication workflow, internal coordination procedures and compliance framework described in this deliverable. Overall, the risks associated with scientific dissemination are considered **low to moderate** and do not pose a significant threat to the successful dissemination of the project’s scientific results.

9. Updating Mechanism and Living Document Approach

Deliverable D6.1 is intended to function as a **living document** over the duration of the CHARGE project. While this deliverable establishes the initial framework for scientific dissemination, it is recognized that dissemination practices and external conditions may evolve during the project lifetime. Updates to D6.1 may be initiated where relevant to ensure continued alignment with project needs and applicable requirements. Such update triggers may include, but are not limited to, changes in the consortium composition (e.g. the addition of new partners), the identification of new relevant scientific journals or conferences, or changes in open-access, dissemination or funding policies. Any updates to this deliverable will be coordinated by the dissemination coordinator (DTU) and implemented in a **controlled and proportionate manner**. Updates are intended to clarify, refine or extend the dissemination framework where necessary, without altering the core scope, responsibilities or principles defined in the approved project application. Where applicable, updates will be communicated to the consortium and reflected in project documentation and reporting. The living document approach ensures that D6.1 remains a relevant and effective reference for scientific dissemination throughout the project duration, while maintaining consistency with the Consortium Agreement and related project deliverables.

10. Conclusions

This deliverable defines the framework for **scientific dissemination governance** within the CHARGE project. D6.1 clarifies the scope, roles and procedures for scientific publications and conference contributions, ensuring a coordinated, transparent and compliant approach across the consortium. By clearly delineating responsibilities, aligning with the Consortium Agreement and the IP management framework, and embedding proportionate coordination and review mechanisms, D6.1 provides a stable reference for scientific dissemination throughout the project duration. The dissemination framework established in this deliverable supports the **high-quality publication of scientific results** generated by the CHARGE project. By promoting timely, open and well-coordinated scientific outputs, D6.1 contributes to scientific excellence and enhances the visibility and impact of the project’s research within the relevant scientific communities. Overall, the approach defined in this deliverable ensures that scientific dissemination effectively supports the project’s objectives while respecting intellectual property, confidentiality and funding requirements.