



Preliminary Communication, Dissemination and Exploitation Plan

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1. Executive Summary

The Preliminary Communication, Dissemination and Exploitation Plan outlines the main activities and actions that will be taken throughout the project greenSPEED. The document establishes the key elements such as strategy and target groups of the project, as well as the specific elements that represent and reflect greenSPEED. This deliverable also includes specific measures in terms of use of results within and after the project execution. All this will support a high-quality project implementation and ensure the sustainability of the project and its results.

Keywords: Dissemination, Communication, Exploitation, Clustering Activities

2. Introduction

The scope of this deliverable is to outline the strategy of the greenSPEED project to engage relevant stakeholders and describe the dissemination, communication and exploitation strategy that will be implemented throughout this project. This document is a guide for the consortium. The document is divided into 5 chapters that include the executive summary, introduction, dissemination and communication plan, exploitation plan and the conclusion. This deliverable contributes to the achievement of all project objectives.

The dissemination and communication plan includes objectives, target audience, dissemination activities and a provision of a list of planned or performed dissemination activities by the consortium. All activities will be documented in the dissemination and communication plan and implemented at different levels throughout the duration of the project.

The exploitation plan describes the methodology, exploitation activities, engagement with stakeholders, and IPR management.

The dissemination, communication and exploitation plan will be regularly reviewed and updated based on the project's evolution and the new knowledge acquired. If necessary, corrective actions will be taken in consultation with the project consortium. All dissemination, communication and exploitation activities will be documented by the project partners and regularly monitored by the WP Leader (VIF).

2.1 greenSPEED in a Nutshell

The market for electromobility is growing steadily, series production of battery electric vehicles (BEVs) is in full swing, and OEMs are introducing BEVs in their product portfolio. Unfortunately, the lithium-ion cell technology that powers these vehicles is still not supplied by the European industry. Moreover, while lithium-ion technology is the path to greener and more sustainable mobility and other mobile applications, the cell manufacturing process is still very energy-consuming and uses environmentally harmful substances.

greenSPEED addresses two main drawbacks of current battery cell production techniques a) the high energy consumption of the individual production steps; and b) the introduction of new production processes that do not require organic casting solvents. Both, in combination with the increase in energy density, will lead to a significant reduction in the cost of lithium-ion cells. The greenSPEED project provides solutions for new sustainable electrode and cell manufacturing processes with reduced energy consumption, lower carbon footprint and zero emissions of Volatile Organic Compounds (VOCs). greenSPEED aims to secure Europe's leadership in the production of batteries with a lower carbon footprint by improving production processes and establishing them in Europe.

2.2 Objectives

This document includes the description of the project's dissemination, communication and exploitation strategy and action plan. The implementation of the activities will be continuously monitored by the WP Leader (VIF). Two additional deliverables will be produced (D7.5 in M18 and D7.7 in M42), updating and improving this initial dissemination, communication and exploitation plan.

The main objective of the dissemination and communication activities is to **increase the visibility** of greenSPEED on selected target audiences and groups at local, national, and international level. Another key objective is to **facilitate the realisation** of the impacts.

The main objective of the exploitation plan is to **multiply the impact of the proposed solutions** and prepare the **transition to industrial and commercial uptake** to reach the expected results and impact.

The dissemination, communication and exploitation plan also contributes to:

- **Raising awareness** on the achievements of the European cooperations, which increase the quality and the excellence of scientific collaborations and contributes to solving societal challenges.
- Showing how the results are essential to **improving our everyday lives** by creating greener solutions to battery-related challenges.
- **Increasing the visibility of the outcomes** of European funded projects in the field of research and development and support EU policies.
- **Educating** the target groups and **promoting the acceptance and adoption** of green solutions.
- Fostering the **transfer of knowledge** between industry and research.

In addition, this document also includes a specific description of the set of activities that will be implemented to reach the project objectives as well as the specific dissemination, communication, and exploitation objectives.

Due to confidentiality and protection of Intellectual Property Rights (IPR), it is not possible to publish all results. However, the partners will share as many results as possible without violating the partners' legitimate interests.

3. Dissemination and Communication Plan

3.1 Strategy and Impact

The main goal of the dissemination and communication strategy is to organise, monitor and increase the visibility of the activities performed throughout the project, as well as to promote the project results with the relevant target groups. An effective dissemination and communication strategy is an essential part of the greenSPEED project, and the activities related to it were already considered during the proposal phase. Within the scope of this deliverable, these are now further refined. The objectives of the dissemination and communication activities are:

- To raise awareness and increase visibility about the project, its expected results and progress within defined target audiences using effective and adequate communication means and tools.
- To exchange experience and find synergies with other projects and initiatives in the field to join efforts, maximise potential and expand the impact of the project.
- To disseminate the fundamental knowledge, the methodologies and technologies developed during the project, always respecting the interest of the partners in terms of confidentiality and IPR.
- To establish the way for a successful exploitation of the project outcomes by engaging with relevant stakeholders in the field ensuring the sustainability of the project results outside of the project frame.

The dissemination and communication activities support the visibility of the project activities and results. They encourage the engagement with the identified target audiences, and ensure the impact of the project on three levels:

- **Scientific Level:** The consortium of greenSPEED involves partners with different fields of expertise and disciplines. This collaboration leads to the generation of global competitive IPR regarding of the European battery ecosystem in battery materials, electrode-and cell design, manufacturing, and re-use of production waste. By fostering diffusion of knowledge and open science, the greenSPEED partners can strengthen the human capital in R&I by training and recruitment of their researchers and developers. The research and project work within greenSPEED also leads to the creation of high-quality new knowledge. This knowledge will result in the incorporation of curricula and lectures on partners existent material, sharing the information with other scientists and researchers, thus ensuring the sustainability of the project results. The research on greenSPEED also enables the consortium to provide the public with new information. This not only helps them to learn more about batteries, BEVs and other related topics, but also strengthens society's trust in science and solutions which in turn also supports the open science practices.
- **Societal Level:** The greenSPEED results aim at contributing to the realisation of greener, sustainable, stable, and cost-efficient processability of material, electrode and cell production increasing the overall acceptance of electromobility. By contributing to a greener, cleaner, cheaper cell production process, greenSPEED is contributing in a long-term to an overall more sustainable mobility and the decarbonisation of road transportation. greenSPEED is dedicated to increase overall sustainability and improved Life Cycle Assessment (LCA) of each segment of the battery value chain. The project addresses current societal challenges connected to mobility, energy

efficiency and environment, by developing green effective solutions that will have an impact in mobility.

- **Economic level:** The greenSPEED results are expected to be adopted by segments of the battery industry. The industrial participants of the consortium intend to bring the solutions developed to the market. By participating in this project, the project partners will gain access to new knowledge enabling them access to new markets. The automotive requirements can leverage consumer/wearable cell production technology to automotive standards. The elimination of organic casting-solvents as slurry dispersing media leads to a decrease in costs associated to solvent recovery systems. This will accelerate the growth of green, innovative, competitive, and sustainable battery manufacturing industry in Europe as the dependency on non-EU countries is reduced. As demonstrated in the COVID19 crisis, disruptions in the global supply chain can have negative impacts on industries that depend on technology imports. Strengthening key European players in these global markets can reduce import dependency and improve the resilience of European green industries.

3.1.1 Target Group and Audience

The following target group and audiences were identified during the proposal phase, and they will be further defined in this document.

- **External Stakeholders:** This group includes all OEMs, TIER1 & TIER2 supplier, standardisation bodies as well as policy and decision makers. The external stakeholders will receive concrete relevant information on the outcomes of the project and will be invited to engage in a dialogue to discuss synergies and further cooperations. This target group will be reached through multiple activities such as (inter)national conferences, scientific publications, workshops, webinars, exhibitions as well as the other dissemination and communication channels established by the consortium, such as project website, newsletter, and social media. More detailed information on the different dissemination and communication activities are described in Chapter 3.2.
- **Scientific Community:** This target group includes research centres, tertiary education institutions and they will be reached via academic conferences, scientific publications, workshops, webinars, and other communication channels such as social media, project website and newsletter. More detailed information on the different dissemination and communication activities are described in Chapter 3.2. The scientific community will be reached to promote the scientific developments in compliance with the FAIR principle as well as promoting open science principles.
- **Related R&D Projects and Networks:** By including this target group, the consortium aims to engage with potential networks, projects, working groups and initiatives that work on fields-related projects. This target group will be reached through multiple activities such as national conferences, scientific publications, workshops, webinars, exhibitions as well as the other dissemination and communication channels established by the consortium, such as project website, newsletter, and social media. More detailed information on the different dissemination and communication activities are described in Chapter 3.2.
- **General Public:** Reaching this target group is important not only to increase the visibility of the project, but to raise awareness of the scientific advances developed through European cooperation projects and to close the gap between the scientific

community and general public. This target group will be reached via the project website, project videos, social media, and press releases. More detailed information on the different dissemination and communication activities are described in Chapter 3.2.

3.1.2 Key Messages

To implement a successful dissemination and communication strategy, it is essential to carefully select the right information (what), for the right target group (who), using the right channel (how) and using the right language/message. The section includes the arguments, reasons and facts that can convey the target audience the goals and results of greenSPEED. These key messages will be updated throughout the project lifespan, also considering the results and outcomes of the project.

The following key messages have been defined:

- greenSPEED will develop new solutions for a more sustainable electrode and cell manufacturing processes that reduces energy consumption and lowers the carbon footprint.
- greenSPEED will develop green and sustainable processes for electrode production.
- greenSPEED will create green, sustainable, stable, and cost-efficient material sets as well as production processes and techniques for lithium-ion cells.
- greenSPEED strengthens the competitiveness of the European battery industry by achieving European leadership in battery production with a lower carbon footprint.
- greenSPEED will implement the capabilities of machine learning, artificial intelligence, and digital twins in the cell production process to improve the understanding of and the control over different production steps.
- greenSPEED will combine the unique technologies of the European battery industry, organise R&D collaboration and prototype development, to demonstrate a high-performance low-footprint automotive battery.
- greenSPEED will overcome the need of a primer layer applied on the Aluminium current collector for the dry-processed cathode, which is an additional cost bearer and has a lower energy density.
- greenSPEED combines European industry and research for safe production of cost-efficient, European lithium-ion batteries.

The specificity of the content will be adjusted to the target audiences (scientific community vs. general public).

3.1.3 Internal Communication and Partner Contribution

A key element for the success of the greenSPEED project is to ensure effective internal dissemination and communication among the consortium partners. Because of the unique blend of leading expertise in their fields, the project partners have an impact on external associated industrial and scientific sectors. Moreover, they represent the interest of research institutes, SMEs and large industries covering the entire RTD chain with research and technology organisations, material and battery manufacturers and an OEM.

The dissemination and communication activities rely on their efforts to ensure that partners take advantage of available opportunities to present the project and its results. The partners

will be encouraged to share publicly available information with relevant stakeholders. To ensure internal communication, the consortium will rely on sharing the greenSPEED website, participating in and organising seminars and workshops and contributing/providing content and articles for the newsletters and publications. All partners will contribute to WP7 (Project Management, Dissemination and Exploitation) and have foreseen efforts for the respective activities.

The project partners will be informed about upcoming steps, ongoing work and existing or potential challenges. The WP Leader (VIF) will oversee the overall implementation of the dissemination and communication activities and encourage the participation of all project partners in these activities. Further details and instructions on the internal communication has been provided in the Quality Assurance and Risk Management Plan (D7.1) [1].

3.2 Dissemination Channels and Activities

3.2.1 Project Identity and Logo

A project identity has been created to improve and ensure the visibility and consistent appearance of greenSPEED. This identity will be used throughout the project for all dissemination and communication channels and has been outlined within D7.3 “Project Identity and Web Presence” [4]. The deliverable further includes the logos, colours, fonts etc. to be used within greenSPEED.

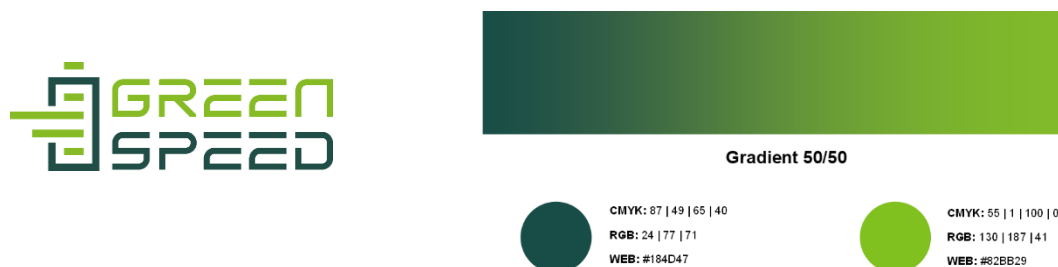


Figure 3-1: greenSPEED Logo and Main Colours

3.2.2 Printed Material and Templates

The project identity is also reflected in the greenSPEED printed material. The material is available for all partners on the greenSPEED SharePoint. In addition, the templates have been created ensuring that the documents are consistent with the project colours and fonts. The details are outlined in D7.3 [4]. Currently, roll-ups and flyers are being created and will be made available soon. These will then be used for the dissemination and communication activities.

3.2.3 Project Website

D7.3 also includes a detailed description of the greenSPEED website [4]. The website will be regularly updated as soon as public information is available (news messages, deliverables, publications etc.) as it is the central information point providing project material, contact details and much more. Whenever videos are available, they will be linked on the website. In addition, it is planned to include a section for “Partner Initiatives” linking not only the partner projects within the call (NoVOC, BatWoMan and GIGAGREEN) but also partners such as the LiPLANET Initiative or BEPA Association as there will be an ongoing cooperation and joint activities.

Link to the Website: www.greenspeed-project.eu

3.2.4 Project Videos

Currently, the consortium is preparing an explainer video of the project to present greenSPEED in more detail and make the objectives and content of the project more accessible to the general public. This is important to create awareness on the objectives and findings of greenSPEED and furthermore communicate information to the general public. Once the video is finalised, it will be uploaded to YouTube and shared via social media, newsletters etc. In addition, it will be linked on the website.

Throughout the project, short videos will be regularly created. The next chapter will provide an example. The partners can always share their video ideas and wishes with the WP leader.

For M41, a final video is planned. This video will include the outcomes and results of greenSPEED and illustrate the impact of the project.

3.2.5 Social Media

Meeting the requirements of the project identity, social media accounts for LinkedIn and YouTube have been created.

LinkedIn Account: <https://www.linkedin.com/company/greenspeed-eu-project/>

YouTube Account: https://www.youtube.com/channel/UCiBJCO_syQ4-AfuEW9G0YPw

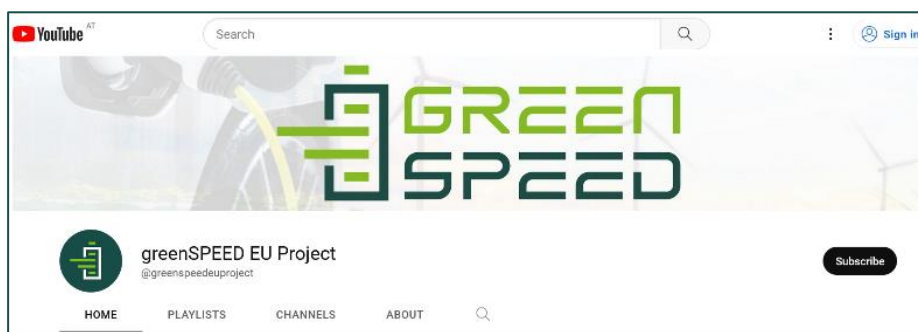
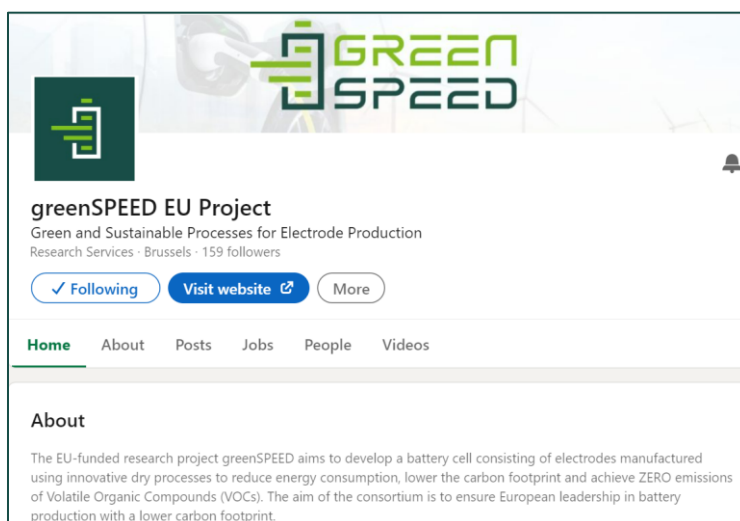


Figure 3-2: greenSPEED Social Media Accounts

The accounts are used to regularly share updates and relevant news, such as the BMW press release shared via LinkedIn (Figure 3-3) or the announcement that the website is available (Figure 3-4).

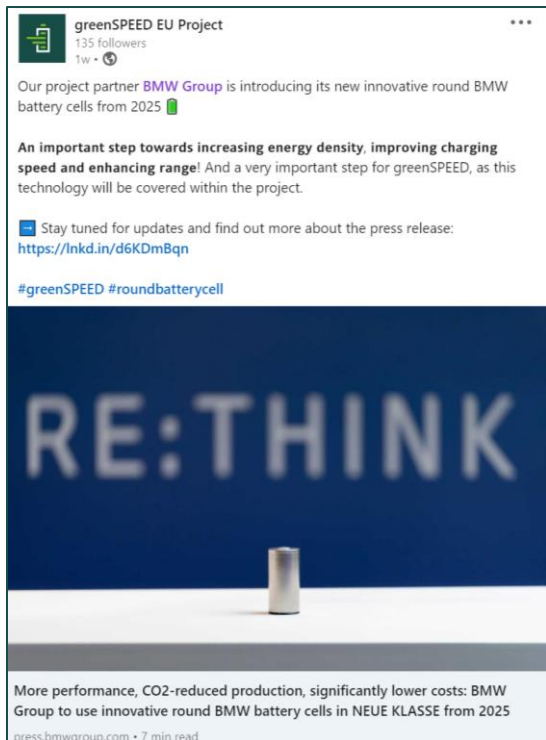


Figure 3-3: BMW Press Release shared via LinkedIn

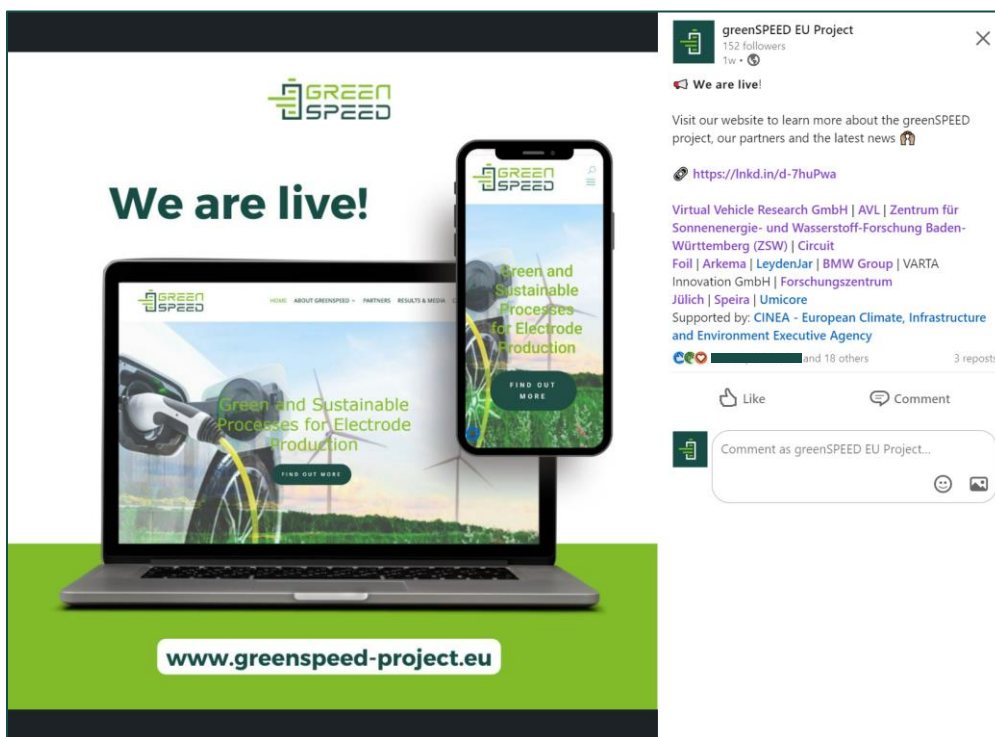


Figure 3-4: LinkedIn Posting about Website

Further, short videos and LinkedIn Carousel Postings will be created and shared. The aim is to make the content comprehensible. In addition, we aim to not only inform the visitors and followers of the greenSPEED LinkedIn page about the project but also to spark their interest in learning more about greenSPEED (“call to action”). A first example can be seen in Figure

3-5, where the project is presented in the form of a “Q&A Video” in which the most common questions are answered.

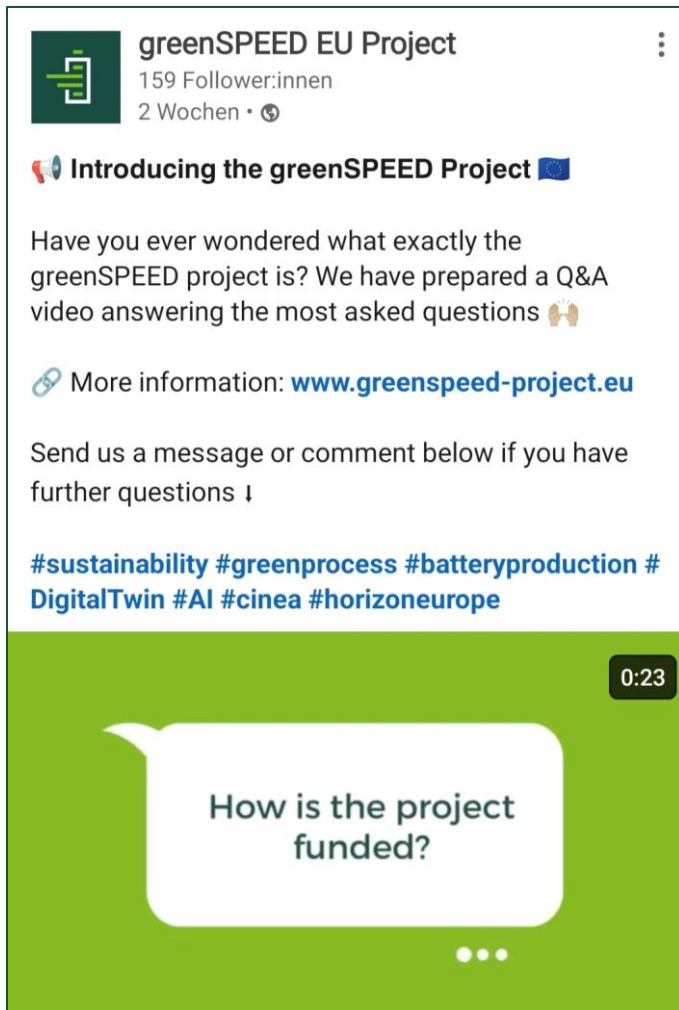


Figure 3-5: Video about the greenSPEED Project

Some examples of the questions and answers in the video are illustrated in the following.



Figure 3-6: Q&A Video Part 1



Figure 3-7: Q&A Video Part 2

3.2.6 Events and Conferences

Another important aspect of the dissemination and communication of greenSPEED is the participation in various events and conferences. This will not only ensure visibility of the project but also secure the knowledge transfer. The partners have been asked to identify relevant events and conferences. The list is provided in Table 3-1.

Table 3-1: Identified Events and Conferences for greenSPEED

Event/Conference	Date	City	Country
International Society of Electrochemistry (ISE)	19-22 March, 2023	Mar del Plata	Argentina
Advanced Automotive Battery Conferences (AABC)	19-22 June, 2023	Mainz	Germany
Advanced Battery Power/ Kraftwerk Batterie	March/April	Münster/Aachen, alternating	Germany
International Battery Production Conference (IBPC)	November	Braunschweig	Germany
Transport Research Arena (TRA)	15-18 April, 2024	Dublin	Ireland
Graz Battery Days/ Dresden Battery Days	September	Graz/Dresden alternating	Austria/Germany
The Battery Show Novi	12-14 Sept, 2023	Novi	USA
Battery Japan	15-17 March, 2023	Tokyo	Japan

3.2.7 Publications

Partners can disseminate the results through various channels such as scientific presentations at conferences or publications in (scientific) journals as long as they comply with the greenSPEED Grant Agreement (GA) [2] and Consortium Agreement (CA) [3]. As of now, it is

not possible to define a schedule for these publications. However, partners have identified some journals of interest (Table 3-2).

Table 3-2: Identified Journals for greenSPEED

Journal Name	Link
SAE	www.sae.org
MTZ	https://www.springerprofessional.de/mtz-motortechnische-zeitschrift
ATZ	https://www.springer.com/journal/35148
Journal of Power Sources	https://www.sciencedirect.com/journal/journal-of-power-sources
Journal of Energy Storage	https://www.sciencedirect.com/journal/journal-of-energy-storage
Journal of the Electrochemical Society	https://www.electrochem.org/publications/jes
Electrochimica Acta	https://www.sciencedirect.com/journal/electrochimica-acta
MDPI Batteries (Open Access)	https://www.mdpi.com/journal/batteries

3.2.8 Workshops/Webinars

The greenSPEED consortium will organise a series of workshops/webinars to help disseminate the greenSPEED results and ensure knowledge transfer. This will further be used to support the networking and cohesion activities between the projects and partnership initiatives. The webinar series is planned for the final project year to ensure that results can be shared with the target groups and stakeholders.

Partners are also encouraged to host/plan workshops in the course of greenSPEED. LJT for example plans a workshop in Spring 2023 for the consortium on the Dutch battery industry, together with the Dutch Battery Competence Center and will prepare a press release for the workshop.

3.2.9 Newsletter and Press Release

A periodic newsletter will be shared via the website and social media to inform the target groups of the current project status. Further, a press release at the end of year 1 will be shared to inform the general public of the first project year. In addition, the partners are welcome to prepare and share their own press releases (considering the greenSPEED Grant Agreement [2] and Consortium Agreement [3]). This has been done for example by Circuit Foil and Solus Advanced Materials (in Korean) and LeydenJar Technologies. The links are also available on the greenSPEED website (Figure 3-8).

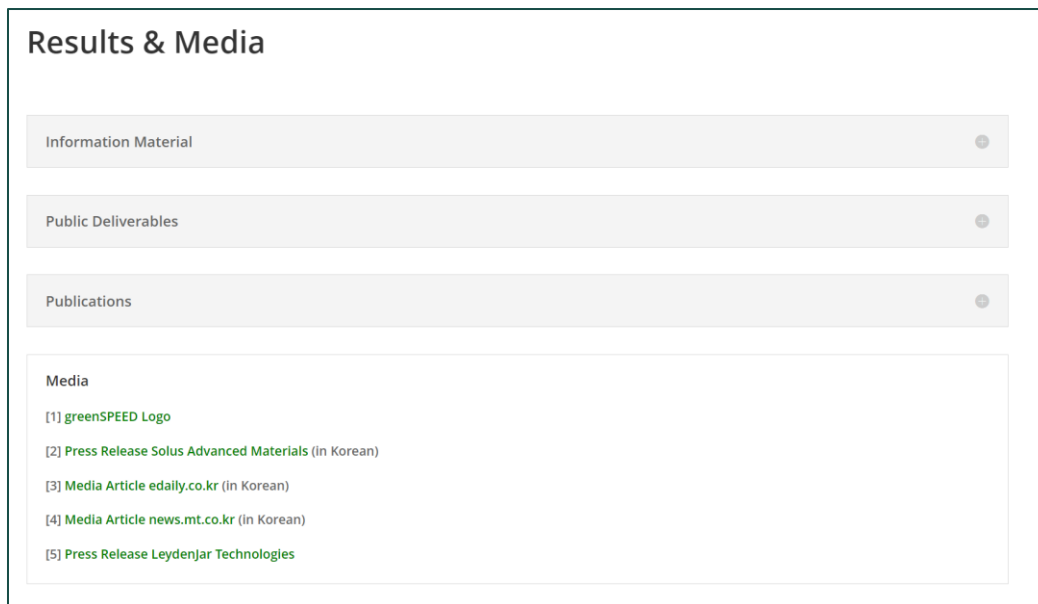


Figure 3-8: greenSPEED "Media" Section

Updates are also announced via a news message on the website (Figure 3-9).

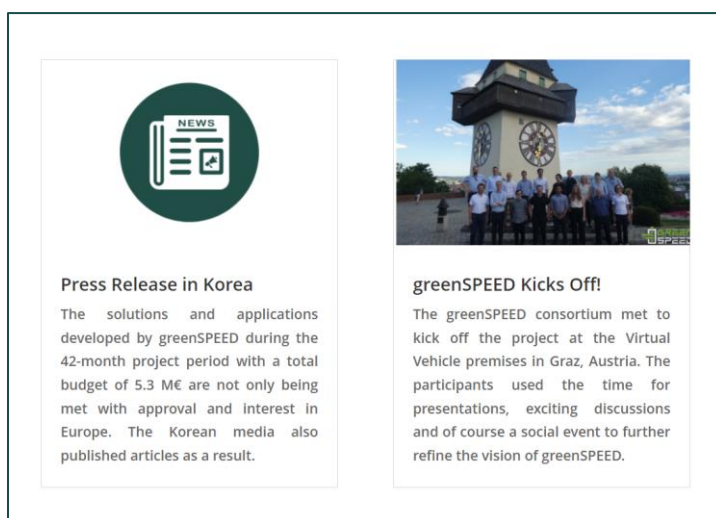


Figure 3-9: greenSPEED News Messages

3.2.10 Cohesion Activities

As part of the greenSPEED dissemination and communication plan, the partners will be in regular contact with the related partner projects and initiatives. This will allow projects and initiatives to combine their efforts and take up a strong position where it is possible to give more impact to the messages than individually. Furthermore, it will be possible to minimise the duplication of efforts for dissemination and communication activities. The cohesion activities also offer the opportunity to exchange knowledge and share information on similar challenges the projects are facing. Through the organisation of joint events, the networking with the stakeholders will be facilitated.

Synergies have already started, and first meetings have been scheduled to align on cohesion activities and future plans. Table 3-3 includes the partner projects of greenSPEED with a short introduction.

Table 3-3: Partner Projects

Project Name	Description	Website
NoVOC	NoVOC aims to address the implementation of an environmentally friendly, non-toxic lithium-ion battery production at pilot scale including battery cell components manufacturing, cell design, and cell assembly processes adopting both aqueous and dry electrode manufacturing processes, significantly decreasing cost and parallel environmental impact.	www.novoc.eu
BatWoMan	Europe's leadership position in sustainable battery production will be secured via new sustainable and cost-efficient lithium-ion battery cell production. This is the goal of the EU-funded BatWoMan project, paving the way towards carbon-neutral cell production.	www.batwoman.eu
GIGAGREEN	GIGAGREEN proposes a structured research plan to develop and scale up novel electrode and cell component manufacturing processes that follow a Design to Manufacture approach in line with Europe's strategic goal of becoming a global leader in the Li-ion battery value chain.	www.gigagreenproject.eu

Currently, the cluster activities are in preparation and a website will be established. As these activities are currently still in progress, concrete examples will be included in the Intermediate Dissemination, Communication and Exploitation Plan due in M18 (D7.5) and further details will be provided.

In addition, the greenSPEED partners are already part of various networks, initiatives, and standardisation bodies (Table 3-4). This participation will be used to enlarge the impact of the greenSPEED project.

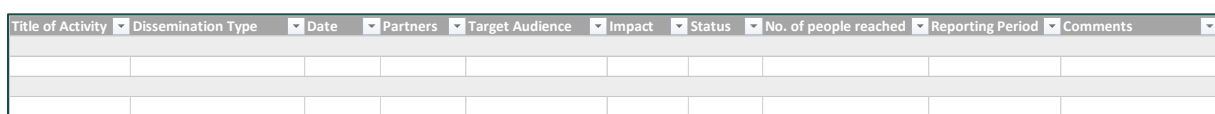
Table 3-4: Related Networks, Initiatives and Standardisation Bodies

Initiatives	Link	Participating Partner
ASAM	www.asam.net	VIF, AVL, BMW
EARPA	www.earpa.eu	VIF, AVL
EGVIAfor2Zero	www.2zeroemission.eu	VIF, AVL, BMW
IAMTS	www.iamts.org	VIF, AVL
BEPA	www.bepassociation.eu	AVL, BMW, ARK, FZJ, UMI
ERTRAC	www.ertrac.org	AVL, BMW
Batteries Europe	www.batterieseurope.eu	ARK
RECHARGE	www.rechargebatteries.org	ARK, UMI

LiPLANET	www.liplanet.eu	ZSW
ProZell	www.prozell-cluster.de	ZSW, FZJ
ACEA	www.acea.auto	BMW
EUCAR	www.eucar.be	BMW
EMIRI	www.emiri.eu	FZJ, UMI

3.3 Tracking and Monitoring of Dissemination and Communication Activities

For the monitoring and reporting of the dissemination and communication activities within greenSPEED, a list has been created in SharePoint. This list can be exported as an Excel file which simplifies the work with the tool. In Figure 3-10, the exported file and the respective columns are illustrated.



Title of Activity	Dissemination Type	Date	Partners	Target Audience	Impact	Status	No. of people reached	Reporting Period	Comments

Figure 3-10: Exported Excel File for Monitoring of D&C Activities

Whenever a dissemination or communication activities is planned or has been performed, the partners update the list with the details:

- **Title of Activity:** Clear description of the activity (such as press release, booth presentation at conference XY etc.)
- **Dissemination Type:** The partner can choose an option from the drop-down menu such as press release, workshop etc.
- **Date:** Date of the activity
- **Partners:** All partners who were involved are listed here.
- **Target Audience:** Here the target groups reached by this activity are identified.
- **Impact:** A description of the (expected) objectives of this activity (such as promotion of the project, raising awareness, increase visibility, inform the target groups etc.)
- **Status:** A drop-down menu is available to indicate whether the activity is planned or has already been carried out.
- **No. of people reached:** An accurate assessment or a rough estimate of the number of people reached. Depending on the activity, a more precise definition is possible (for example, using participant lists, tracking in social media, etc.).
- **Reporting Period:** Partners indicate the respective reporting period.
- **Comments:** Partners can include the link to the website/post/activity to ensure that the activities can be tracked.

Such SharePoint lists offer many advantages, making quality assurance and activity tracking much easier. For one, any changes can be tracked. The version history clearly indicates what has been changed, when and by whom. This makes it possible for an old version to be restored or to trace who updated a particular field in the list. Further, it is possible one receives a notification from SharePoint when changes are made. It is possible to set the title of the notification, the recipients of the notification, the type of notification (via e-mail, SMS), the time and also which changes one wants to be informed about (any changes, when an item is changed, when an item I created is changed, etc.).

4. Exploitation

This section includes the initial exploitation plans of the greenSPEED Consortium; thus the exploitation progress is in its earlier stages, and it will be further developed in later phases of the project and updated in the respective deliverables. The main aspects of this first draft plan included in the Description of Work of the greenSPEED project for the dissemination and exploitation of results is shown in the following.

The specific objective of the exploitation plan throughout its development stages is to describe the steps to ensure that the results developed in greenSPEED translate into concrete solutions and use in further research activities that have positive impact on the society during and after the project.

4.1 Methodology

The greenSPEED project works on highly innovative and competitive technology development by providing solutions for new sustainable electrode and cell manufacturing processes with reduced energy consumption, lower carbon footprint and ZERO emissions of Volatile Organic Compounds (VOCs). The results of the project will have long term impact by supporting Europe's leadership in the field of production of batteries with lower carbon footprint. The results of the project will generate long-term impact not only at scientific and industrial level but also at societal level, by addressing the current challenge connected to the production of batteries. The solutions provided within the greenSPEED project, however, are highly competitive and their complete disclosure would violate the project partners' legitimate interest in the future use of the results. Therefore, part of the results produced within the project will be confidential.

4.2 Exploitation Strategy

Involving the identified stakeholders of greenSPEED is essential for the market-uptake and adoption of the greenSPEED solutions as it further ensures the sustainability of the project results. The consortium sees high potential in the exploitation of the greenSPEED results. The exploitation strategy includes innovation through science, supplying unique know-how and technology, supporting standardisation, and assessing the feasibility of the latest advances through the consortium's research and business expertise. A first draft has been provided in the Grant Agreement [2].

The greenSPEED partners have been asked to provide details on the planned exploitation activities within their organisation. Due to the confidentiality and the commercial interests of the project consortium, it is not possible to provide an in-depth strategy outline. In a next step, a questionnaire will be sent to the partners to further refine the greenSPEED exploitation strategy (Figure 4-1). An update will be included in the Intermediate Dissemination, Communication and Exploitation Plan due in M18 (D7.5). This deliverable will also be public.

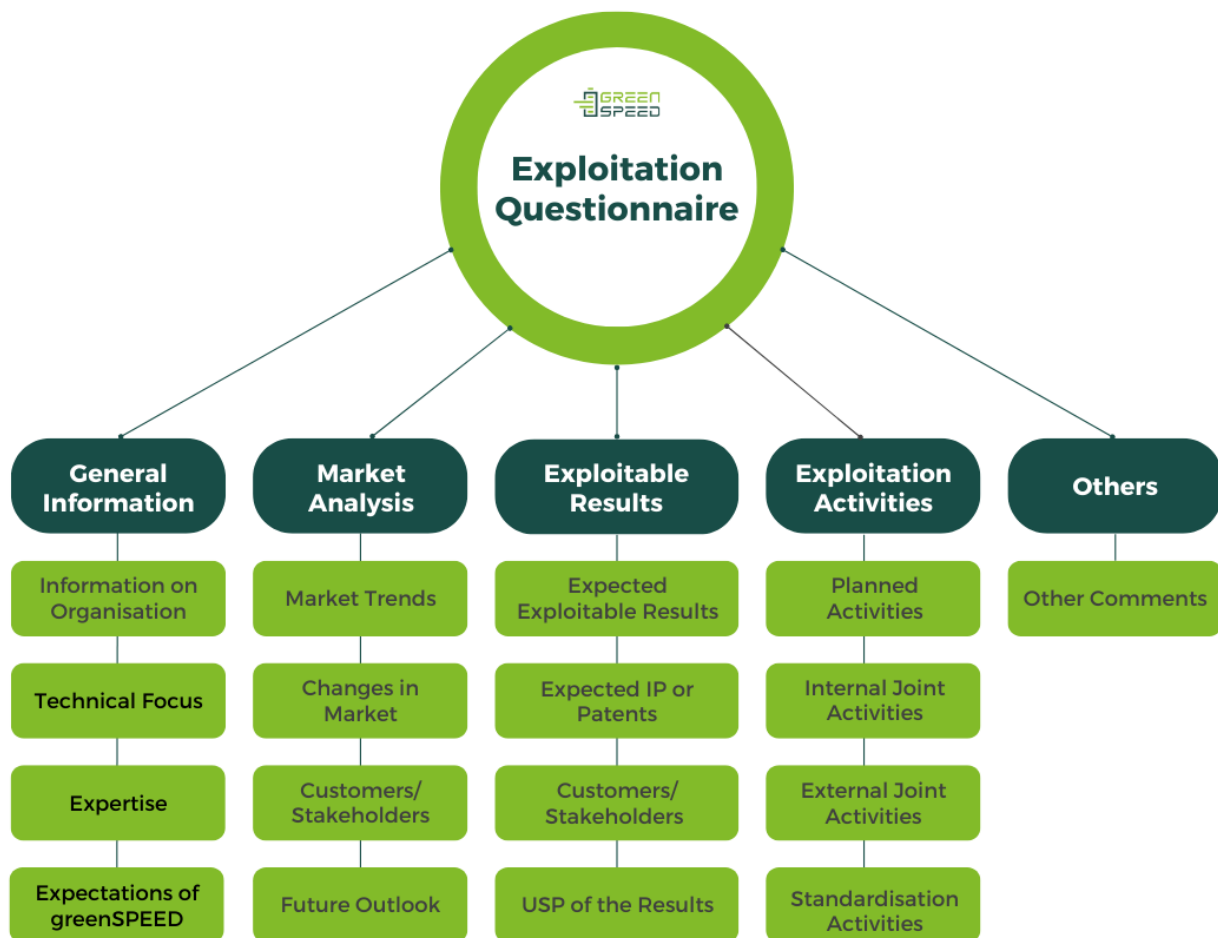


Figure 4-1: greenSPEED Exploitation Questionnaire

4.3 Intellectual Property Rights Management

The Intellectual Property Rights (IPR) are regulated by the Consortium Agreement (CA) [3] signed by all partners at the project start. The CA, based on DESCA Model Consortium Agreement for Horizon Europe, includes provisions related to IPR including ownership, transfer and dissemination of results, access rights, non-disclosure of information among other. Partners will refer to this document regarding all IPR related issues.

Due to the competitive industrial nature of the project, not all the data, results and knowledge generated by the project can be published without directly affecting the interest of the partners.

4.4 Exploitable Activities and Results

In this initial state of the exploitation plan, greenSPEED foresees innovation by providing unique knowledge and technology development. The project supports standardisation, including assessment of feasibility of the latest advances through the diverse expertise of the consortium. Furthermore, the industrial partners will analyse a possible production and market entrance of the results. The research partners will focus on the dissemination of the public results in reviewed journals and conferences

Each greenSPEED partner was asked about their expectations and exploitation already in the project preparation phase. In a first step, the partners were now asked to define their

exploitable results. As this is an initial plan, these results will be updated and monitored on a regular basis.

As greenSPEED has many results and data that are classified sensitive, it is not possible to present the results of the individual partners in this public deliverable, as otherwise there would be a violation of the GA [2] and CA [3][2]. Therefore, the table without the partner inputs is included in the following (Table 4-1).

Table 4-1: Draft Table on Exploitable Results of the Partners

No.	Exploitable Result	Sector of Application	Expected Timetable for Commercial/ Scientific Use	Patents/ Licenses etc.	Owner & Other Involved Partners

5. Conclusion

This preliminary Communication, Dissemination and Exploitation Plan builds the foundation for future activities. Further refined from the plans provided at the proposal stage, the greenSPEED consortium drafted this deliverable to ensure the visibility and sustainability of the project and its respective results. As this is a living document, it will be regularly updated, and the activities are monitored on a regular basis. For D7.5 (“Intermediate Dissemination, Communication and Exploitation Plan”) in M18, further updates and details will be provided. It is then also possible to report the performed activities until M18.

Because of greenSPEED’s competitive industrial nature, not all results generated within the project can be published without directly affecting the interest of the partners and violating the contracts [2] [3]. However, the partners are aware of the open science practices and plan to disseminate and communicate the results as open as possible. Specific approval processes have been established to adhere to the contractual obligations. These are specifically outlined in D7.1 “Quality Assurance and Risk Management Plan” [1], which serves as the Project Handbook and ensures the quality of the greenSPEED project.

6. Abbreviations

Term	Definition
BatWoMan	Carbon Neutral EU Battery Cell Production with Sustainable, Innovative Processes and 3D Electrode Design to Manufacture
BEPA	Batteries European Partnership Association
BEV(s)	Battery Electric Vehicle(s)
CA	Consortium Agreement
D&C	Dissemination and Communication
D&C&E	Dissemination, Communication and Exploitation
EU	European Union
EV(s)	Electric Vehicle(s)
GA	Grant Agreement
GIGAGREEN	Towards the sustainable giga-factory: developing green cell manufacturing processes
greenSPEED	Green and Sustainable Processes for Electrode Production
IPR	Intellectual Property Rights
LCA	Life Cycle Assessment
LIPLANET	Li-Ion Cell Pilot Lines Network
NoVOC	Eliminating VOC from battery manufacturing through dry or wet processing
OEM(s)	Original Equipment Manufacturer(s)
PU	Public
Q&A	Questions and Answers
R	Document, Report
R&D	Research and Development
R&I	Research and Innovation
RTD	Research and Technological Development
SMEs	Small and Medium-sized Enterprises
VOCs	Volatile Organic Compounds
WP	Work Package

7. References

- [1] greenSPEED Deliverable D7.1 “Quality Assurance and Risk Management Plan” v2.0, 2022-10-28
- [2] Grant Agreement Number 101069528 – greenSPEED, 2022-06-15
- [3] Consortium Agreement greenSPEED, Version [final 7.0], 2022-08-01
- [4] greenSPEED Deliverable D7.3 “Project Identity and Web Presence” v2.0, 2022-10-28