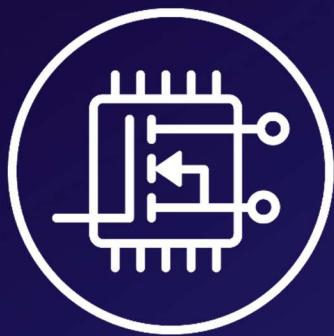




FLAGCHIP

FLAGSHIP SOLUTIONS IN POWER ELECTRONICS

D7.2 Dissemination and Communication Plan and Activities – Interim Version

Q-PLAN INTERNATIONAL

27/02/2026



Funded by
the European Union

Document Information

Issued by:	Q-PLAN INTERNATIONAL
Issue date:	27/02/2026
Due date:	28/02/2026
Work package leader:	Q-PLAN INTERNATIONAL
Dissemination level:	PU - Public

Document History

Version	Date	Modifications made by
1.1	05/02/2026	First version shared with partners for review
1.2	25/02/2026	Updated version based on partners' feedback
2.0	27/02/2026	Final submission-ready version

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The methodology of FLAGCHIP for dissemination and communication builds on know-how, tools and templates that were developed internally by Q-PLAN as well as on good practices from the literature. As in previous EU-funded projects, tailored modifications to the methodology were implemented for FLAGCHIP as well, in order to comply with the conditions of the Grant Agreement (GA) and the particularities of the project. Along these lines, this deliverable presents the adjusted methodology as it was further developed and applied in FLAGCHIP as well as presents the results from its application during the project.

Executive Summary

This document constitutes the interim version of the FLAGCHIP project's Dissemination and Communication Plan and Activities deliverable (DCP).

FLAGCHIP is a 42-month Research and Innovation Action funded by the European Climate, Infrastructure and Environment Executive Agency (CINEA) under the Horizon Europe Programme (2021-2027). FLAGCHIP will validate wide bandgap (WBG) and ultra-wide bandgap (UWBG) semiconductor technologies and their integration into more compact and cost-effective power modules, combining these developments with upgraded condition and health monitoring of power electronic components. FLAGCHIP's approaches will be demonstrated through AC/DC and DC/DC applications at two pilot sites; in France (DC/DC MVDC Converter) and Norway (AC/DC Offshore Wind Turbine and Substation Converter). As a result, FLAGCHIP will enhance the efficiency of Power Electronics components, facilitating the creation of a new generation of inverters, converters, and other power equipment for the energy sector.

This report, titled “D7.2 Dissemination and Communication Plan and Activities – Interim Version”, aims to depict the progress made in the strategy, plan and activities that were implemented under the FLAGCHIP project, with a view to maximising the project's visibility and successfully conveying its key messages and content to target audiences, identifying and employing the most suitable channels to spread them. Keeping that in mind, the deliverable outlines:

1. Dissemination Assets – Chapter two is devoted to the project-related information that is conveyed throughout the project.
2. Targeted Stakeholder Groups – Chapter three consists of the key stakeholder groups that serve as the main audiences for the project's dissemination and communication activities.
3. Channels and Tools – Chapter four includes all the channels and tools that are utilised by project partners in order to successfully implement the dissemination and communication activities.
4. Implementation plan – Chapter five provides a time frame to ensure that the timing of the dissemination and communication activities is appropriate, during the lifespan of the project and beyond.
5. Monitoring of the process – Chapter assess the progress made towards the Dissemination and Communication targets, enabling partners to refine efforts and actions over the course of the project.

By M3, the first Dissemination and Communication (D&C) framework had been established. From that point until M18, the project implemented actions based on this plan while continuously refining them to achieve stronger results. The strong and recognizable visual identity (logo, templates, and promotional materials) that was established early in the project supported the consistent messaging in the following months. The project website and four (4) social media accounts were launched and have been maintained with regular updates. Two (2) newsletters and 3 press releases were issued. Scientifically, the project has published one (1) conference article, while events have also played a key role, with partners attending five (5) international conferences, participating in three (3) external workshops and co-organizing three (3) workshops. Last but not least, collaboration with related

initiatives has also been a vital component of D&C. These synergies with relevant projects and initiatives foster collaboration, facilitate knowledge exchange and enable the adoption of best practices, all while amplifying C&D impact. Notably, nine (9) synergies with other projects of similar interest have been established, while special attention and concerted efforts were dedicated towards the active participation in the “Grids Projects” group, a group of “sister” projects related to hybrid grids, an initiative coordinated by the EU funded project [THEUS](#).

Building upon the foundations laid in the initial D&C strategy, the updated strategy reflects on the latest activities and developments carried out within the project. Compared to the initial version, the second version involves the following updates:

- Launch of two newsletters (M6 and M12). On M12, a LinkedIn newsletter was also launched additionally to the mail newsletter (via Mailchimp). Collectively, these have gained 226 subscribers, thereby broadening engagement by interested professionals.
- Publication of twenty two (22) website news items, broadcasting some of the project’s highlights during the first 18 months.
- One scientific publication in the proceedings of a conference, 31 online articles and 3 press releases announcing the FLAGCHIP project to the [Enlit](#) community and the audiences of [Mitsubishi Electric website](#) and [Compound Semiconductor](#).
- The attendance of the project’s partners in 5 international conferences to support outreach in research communities and relevant audiences.
- The establishment of nine synergies with relevant projects and initiatives and the participation in the “Grids Projects” group, led by THEUS.

As a result of these combined activities, FLAGCHIP has already reached more than 7,500 stakeholders across research and industry communities. The final version of the DCP, to be delivered at the end of the project in M42, will provide a complete overview of results and metrics, capturing the full scope of dissemination and communication activities carried out during the entire duration of the project.

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List of Terms and Definitions

Table 1. Terms and Definitions

Abbreviation	Definition
DCP	Dissemination and Communication Plan
D&C	Dissemination and Communication
KPIs	Key Performance Indicators
SMA	Social Media Accounts
SotA	State of the Art
PE	Power Electronics
C&HM	Condition and Health Monitoring
RES	Renewable Energy Sources

1. Introduction

1.1 Scope of Deliverable

This report, titled “D7.2 Dissemination and Communication Plan and Activities – Interim Version”, aims to reflect and report on the progress of the strategy, plan and activities that were implemented under the FLAGCHIP project, with the goal of maximising the project’s visibility, successfully conveying its key messages to target audiences, and communicating its content through the most suitable channels. Keeping that in mind, this deliverable outlines the approach to (i) effectively communicate the project and disseminate its results, (ii) guide the partners in designing, planning and implementing their individual dissemination activities and (iii) continuously monitor the efficiency and the timely planning of the actions. In this respect, the deliverable aims to:

- Describe the types of dissemination channels and tools utilised and the associated actions
- Define responsibilities among partners
- Summarise the internal monitoring, evaluation, and reporting of dissemination activities
- Provide an indicative work planning of promotion activities during the rest of the project

1.2 Structure of Deliverable

Taking the above into consideration, the deliverable is structured as follows:

- **Chapter 1 – Introduction:** Provides introductory information with respect to the DCP.
- **Chapter 2 – Dissemination assets:** Presents the main assets and information of the project during and beyond its span.
- **Chapter 3 – Targeted stakeholder groups:** Presents the key stakeholder groups that serve as the main audiences for the project’s dissemination and communication activities.
- **Chapter 4 – Channels and tools:** Encompasses all the channels and tools that are utilised for the dissemination and communication activities of the project, such as the project’s website, social media accounts (SMAs) etc.
- **Chapter 5 – Timeline and implementation plan:** Provides the timeframe for the communication and dissemination activities of the project partners.
- **Chapter 6 – Key Performance Indicators (KPIs) and monitoring:** Monitors the indicators to measure success in the dissemination and communication actions, enabling partners to refine efforts over the course of the project.
- **Chapter 7 – Conclusions:** Pertains to the main conclusions of the DCP and the way forward.

2. Dissemination Assets

The assets that follow have been and will continue to be disseminated by all partners with a view to maximising the project's impact and visibility. This information is conveyed in a meaningful way and well-tailored to each stakeholder group (these groups will be further described in Chapter 3).

- **Vision, objectives, strategic relevance, and key facts:** The vision, aim and strategic objectives of the project are widely disseminated along with all the conceptual aspects of the project, including our progress beyond the state of the art and FLAGCHIP's innovative characteristics.
- **News and achievements:** During the project, news, achievements, and results are published through scientific publications, press releases, on the project's website or partners' websites to inform stakeholders about the project.
- **Events held by the project or in which partners participate to present their results:** Events organised by the project, as well as those in which partners participated to present their results are widely disseminated to attract targeted stakeholder groups.
- **Key project results and assets:** Key project assets, as depicted in Table 2, are and will be disseminated as widely as possible in order to stimulate the interest of prospective end-customers and nurture the ground for their post-project rollout.

Table 2. FLAGCHIP's main assets/ results

#	Main Assets / Results
KER#1	WBG and UWBG devices TCAD and behavioural models to predict reliability
KER#2	New MOSFETs types
KER#3 & 4	Novel packages with integrated cooling and sensor in the power module
KER#5	Tj estimation based on TSEP
KER#6	Fiber Bragg Grating (FBG) sensors for Tj estimation
KER#7	Strategies and methodology for limp mode enabling
KER#8	RUL prediction model
KER#9	Power electronic digital twin for C&HM
KER#10	Costs Assessment, Cost-Benefit Analysis and Cost Models
KER#11	Wind farms maintenance optimization tool

KER#12	Techno-economic cost models for offshore wind farm maintenance
KER#13	Research data and scientific publications
KER#14	Lessons learnt and guidelines
KER#15	AC Power Cycling Results (Degradation)
KER#16	Innovative Test-bench (AC PCT with in-situ static parameters measurement (V _{th} , RDS_ON...) with specific hardware
KER#17	TSEP vs DSEP (Reliable CHM)
KER#18	The integrated FLAGCHIP power module

3. Targeted Stakeholder Groups

The key stakeholder groups targeted via dissemination and communication activities of FLAGCHIP are outlined in the following table:

Table 3. FLAGCHIP's main target groups

Stakeholder Type	Groups
Group 1 - Business	• Commercial/ Industrial entities that may serve as end-users/ adopters of FLAGCHIP's solutions: (i) manufacturers, (ii) system designers, (iii) RES systems' operation and maintenance actors, (iv) electricity (smart) grid operators, and (iii) technical and economic stakeholders / decisionmakers in leading PE, Solar and Wind energy businesses that can adopt our solutions (e.g., CEOs, CTOs, CIOs, etc.), starting from the end-users involved in the FLAGCHIP pilots. • Technology Providers who may develop their applications based on FLAGCHIP's solutions or businesses that may serve as partners/ collaborators (e.g., technology and s/w providers, and h/w manufacturers). • Networks and Associations such as WindEurope, EPE, ECPE, EREF, EUREC, EERA, etc.
Group 2 - Academia	• Academia, researchers, and experts focused on advancing the FLAGCHIP cross-cutting scientific fields (e.g., Condition and Health Monitoring, Wide Bandgap and Ultra-Wide Bandgap PE, Stress Steering, etc.). • Related EU-funded projects/initiatives (e.g., FOR2ENSICS, AdvanSiC, SiC4GRID, etc.), including Horizon Europe and other programmes.
Group 3 - Policy	• National and EU regulators and policymakers (e.g., industry committees, ministries and regional councils). • EU Institutions and Agencies (e.g., the EC, European Science Foundation, MEPs).
Group 4- Public and other	• General public, media outlets and open platforms and databases for sharing data, lessons learnt, best practices, etc.

4. Channels & Tools

The FLAGCHIP project uses a blend of online and offline communication channels and activities with a view to maximising the project's visibility to its stakeholders. These channels and activities are presented in the list as follows:

- Graphical identity (logo, branded templates for reports and presentations)
- Promotional material (leaflet, poster) and newsletters
- Project website
- Project social media accounts on LinkedIn, Facebook, X and YouTube and partners' social media accounts
- Project video
- Participation in external events and conferences
- Scientific and non-scientific publications, such as online articles and press releases
- FLAGCHIP's workshops and final conference
- Synergies with relevant initiatives

The dissemination and communication assets of the project are distributed through the above-mentioned channels and tools to all targeted groups on an ongoing basis. Q-PLAN has provided dedicated guidelines for the expected use of communication and dissemination channels to the consortium (available as annex in deliverable D7.1).

The following table lists key channels for dissemination to be used throughout the course of the project.

Table 4. FLAGCHIP's dissemination channels

Channel	Description	Groups*
Publications in scientific journals	FLAGCHIP's outputs, having research interest and impact, already led -and will continue to produce- high-quality publications disseminated to top relevant high ranked journals and conferences.	1,2
3rd party events & conferences	FLAGCHIP partners retain access and attend major PE and RES exhibitions and trade fairs to disseminate FLAGCHIP's outcomes.	1,2, 3
Final conference	The FLAGCHIP final conference organised by the project will promote the exploitation of its outcomes to all FLAGCHIP stakeholders.	1,2,3,4
Consortium networks and synergies	FLAGCHIP partners have access to key stakeholder networks and participate in networking activities to disseminate the project's outcomes.	1,2,3,4

Communication activities	FLAGCHIP's communication activities (video, newsletter, web portal, social media, press releases, etc.) effectively communicate and disseminate key project results	1,2,3,4
--------------------------	---	---------

*1= Technology providers, commercial/ industry stakeholders; 2=Academia & Researchers; 3=Governmental/policy stakeholders; 4=Other stakeholders.

In addition, Table 5 summarises a preliminary set of the key messages addressed towards each targeted stakeholder group of FLAGCHIP as well as the set of dissemination and communication tools of the project used to convey them.

Table 5: Key messages and tools used for FLAGCHIP's targeted stakeholder groups

Target Group	Tools and Channels	Key Messages
Commercial/ Industrial Adopters	FLAGCHIP events; Trade fairs & exhibitions; Synergies with other projects; Social media; Web portal.	Technical and cost efficiency gains; Cost models and replication potential; (U)WBG evolution, needs and challenges; PE market trends.
Technology Providers	Publications & conferences; trade fairs & exhibitions; FLAGCHIP events;	Opportunities to improve existing C&HM solutions and research practices; Novel approaches on Tj estimation; New digital twin and prediction models.
Academia & Researchers	Publications & conferences; Open platforms & repositories; Synergies with other projects.	Opportunities to improve research capacity; Improvements of the SotA in PE and C&HM solutions, outcomes for educating future professionals.
Policymakers & Regulators	FLAGCHIP events; External events; Personal contacts.	Socio-economic and environmental benefits of FLAGCHIP's solutions; regulatory and standardisation concerns that need to be addressed.
General public	Promotional material, video and newsletters; press releases; social media; web portal; trade fairs and exhibitions.	Economic and societal potential from novel PE technologies and improved C&HM solutions for RES; New EU-funded research on cutting edge semiconductors.

4.1 Graphical identity and promotional material

The design and creation of the project's graphical identity (i.e., logo, templates, etc.) was created to ensure consistency in the project communication and promotional material throughout its duration. The goal is to help make the project easily recognisable and memorable to its audience. All communication activities, such as newsletters, press releases, and articles, consistently adhere to the project's branding guidelines. This uniformity strengthens recognition, builds familiarity, and ultimately fosters trust and loyalty among stakeholders.

To ensure a consistent visual style across all outputs, branded templates for reports and presentations have been developed. These templates support alignment in both internal and external communications. In addition, a range of promotional materials, such as leaflets and posters has been created to effectively convey the project's key messages, attract attention, and stimulate engagement.

These promotional materials are primarily used at workshops and events attended by FLAGCHIP partners, while also contributing to the project's ongoing visibility and everyday promotion.

Keeping that in mind, the main promotional material of the FLAGCHIP project is described in the following sub-sections. Each partner is responsible for translations (if considered necessary) and printing the material according to its specific needs. Partners should always consult and request approval from the Dissemination Manager / T7.1 Leader Q-PLAN before producing any kind of promotional material.

4.1.1 Project Logo

The FLAGCHIP project logo was developed at the outset of the project (M1) to meet its visual and graphic requirements. During month 1 various logo options were presented to the project partners in order to allow them to express their preferences and select their preferred design. The selected logo of FLAGCHIP was adopted in agreement with the majority of partners. There are two versions of FLAGCHIP's logo which are presented on white and dark background below.



Figure 1: FLAGCHIP's Project Logo

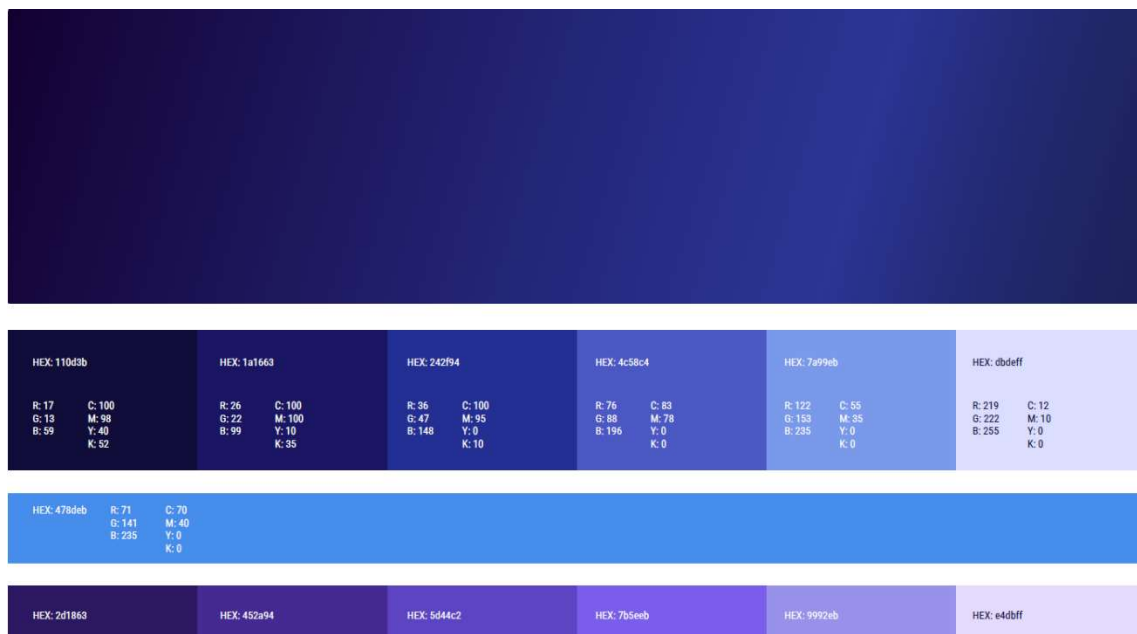


Figure 2: The colour palette of FLAGCHIP

The project's logo is comprised of a combined wordmark and a distinctive pictorial/ icon mark. The icon and text are integrated together to create an image.

The logo design for this project is primarily centred around a font-based approach, emphasizing the project's acronym. The name itself is catchy and memorable so, when combined with strong typography the logo helps create strong brand recognition. Furthermore, since the focus is on the project's acronym, a modern font was chosen in order to capture the essence of what the project does. The logo colours are used in all possible circumstances to ensure consistency and to reinforce the visual identity of FLAGCHIP.

In any communication material, deliverable, presentation, etc., produced within the scope of the FLAGCHIP project, the EU emblem and funding acknowledgement, as depicted in Figure 3, must be prominently displayed along with the following disclaimer:

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Figure 3: The EU emblem and funding acknowledgement

4.1.2 Project Leaflet and Poster

The project leaflet and poster illustrated in Figures 4, and 5 serve as pivotal components within the framework of communication activities, disseminating crucial project information encompassing its expected results, objectives, partners, and other pertinent details.

In addition to the overarching project leaflet and poster, additional promotional materials are developed to bolster FLAGCHIP outcomes throughout the project duration, in accordance with the needs of the respective partners (such as promotional slide decks to promote FLAGCHIP). This adaptive approach ensures responsiveness to the specific requirements articulated by individual partners, thereby enhancing the efficacy of communication initiatives associated with the project.

In a Nutshell

FLAGCHIP will validate wide band gap (WBG) and ultra wide band gap (UWBG) semiconductor technologies and their integration into more compact and cost-effective power modules, combining these developments with upgraded condition and health monitoring of power electronic components. FLAGCHIP's approaches will be demonstrated through AC/DC and DC/DC applications at two pilot sites in France and Norway. As a result, FLAGCHIP will enhance the efficiency of power electronics components, facilitating the creation of a new generation of inverters, converters, and other power equipment for the energy sector.



Project objectives

- Revolutionise current semiconductor technologies delving into innovative wide band gap and ultra-wide band gap power electronics.
- Develop the next-generation wide band-gap power modules with increased performance, compact packaging and sensor integration.
- Demonstrate on-the-ground performance of FLAGCHIP innovations in two different Renewable Energy System generation architectures.
- Advance the state-of-the-art in temperature measurement and degradation estimation for WBG semiconductors, specifically targeting SiC MOSFET devices.
- Enhance the resilience and operational efficiency of power electronic systems.

Who we are

	CIRCE - TECHNOLOGY CENTRE www.circe.es	Spain
	SINTEF ENERGI AS www.sintef.no	Norway
	SUPERGRID INSTITUTE www.supergrid-institute.com	France
	MITSUBISHI ELECTRIC R&D CENTRE EUROPE B.V. www.mitsubishielectric.com	Netherlands
	THE UNIVERSITY OF NOTTINGHAM www.nottingham.ac.uk	United Kingdom
	INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE LYON www.insa-lyon.fr	France
	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS www.cnrs.fr	France
	ECOLE CENTRALE DE LYON www.ec-lyon.fr	France
	HOCHSCHULE FÜR ANGEWANDTE WISSENSCHAFTEN KEMPTEN www.hs-kempten.de	Germany
	Q-PLAN INTERNATIONAL ADVISORS PC qplan-intl.gr	Greece
	CYPRUS UNIVERSITY OF TECHNOLOGY www.cut.ac.cy	Cyprus
	HITACHI ENERGY LTD www.hitachienergy.com	Switzerland
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FLAGCHIP

Flagship Solutions
in Power Electronics



Key expected results

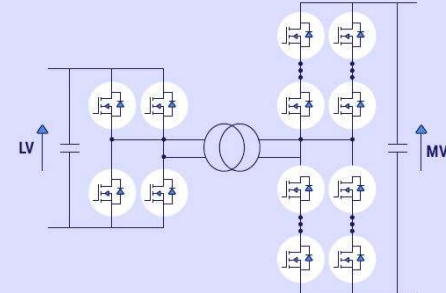
- Medium Voltage SiC MOSFET Chipset for 3.3kV and 6.5kV
- Novel packages with integrated cooling as well as sensors for condition and health monitoring
- TCAD and behavioural models for wide band gap and ultra wide band gap devices
- Estimation of the junction temperature based on Temperature Sensitive Electrical Parameters and on Fiber Bragg Grating
- Strategies and methodology for precise and timely enabling of the limp mode
- A model to predict the remaining useful life of the power module
- A digital twin of the power module for non-conventional condition and health monitoring
- Technoeconomic cost models for offshore wind farm maintenance

The FLAGCHIP pilots

FRANCE

SUPERGRID Bidirectional MV DC/DC converter

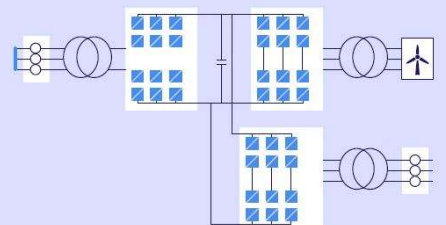
Demonstration in DC MVDC Converter for energy distribution architecture (Solar, Offshore Wind, Electric Vehicle, etc.)



NORWAY

SINTEF Bidirectional HVDC network

Demonstration in AC/DC Offshore Wind Turbine and Substation Converter architecture



Project Identity

Project Title:
Flagship advanced solutions for Condition and Health monitoring in Power electronics

Grant Agreement No: 101172794

Start: 1st September 2024

Duration: 42 Months

Budget: €3,989,562.75

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Figure 4: FLAGCHIP's leaflet



Figure 5: FLAGCHIP's poster

4.1.3 Templates

Branded templates have been created for the consortium partners to be able to produce their deliverables and presentations and are readily available to all consortium members. These templates ensure a consistent, professional appearance across all project materials, reinforcing brand identity and enhancing recognition among audiences.

The FLAGCHIP presentation templates incorporate the logo, brand colors, fonts, and brand elements from the project's visual identity in order to give slide presentations a consistent appearance and ensure uniformity. The following templates have been prepared for the FLAGCHIP project:

- FLAGCHIP presentation template (Figure 6).

- Project deliverables and reports template (Figure 7).



Figure 6: Presentation template cover



Figure 7: FLAGCHIP's deliverable template cover

4.2 FLAGCHIP's digital presence

4.2.1 FLAGCHIP's website

[FLAGCHIP's official website](#) is accessible online already by M4 (December 2024) catering to users on all devices without any limitations or restrictions. The project website is a key communication tool, enhancing both the visibility and the overall impact of the FLAGCHIP project. It serves as a central platform to present the project's progress and milestones to a wider audience, where users are able to access the portal seamlessly, fostering an inclusive and user-friendly experience.

The FLAGCHIP website functions as the primary online hub for public outreach. It has been carefully designed for ease of navigation and clarity, providing comprehensive information on the project's concept, objectives, the consortium as well as main developments and pilot activities. It also features regular updates on news and events attended. Figure 8 shows the website's homepage.

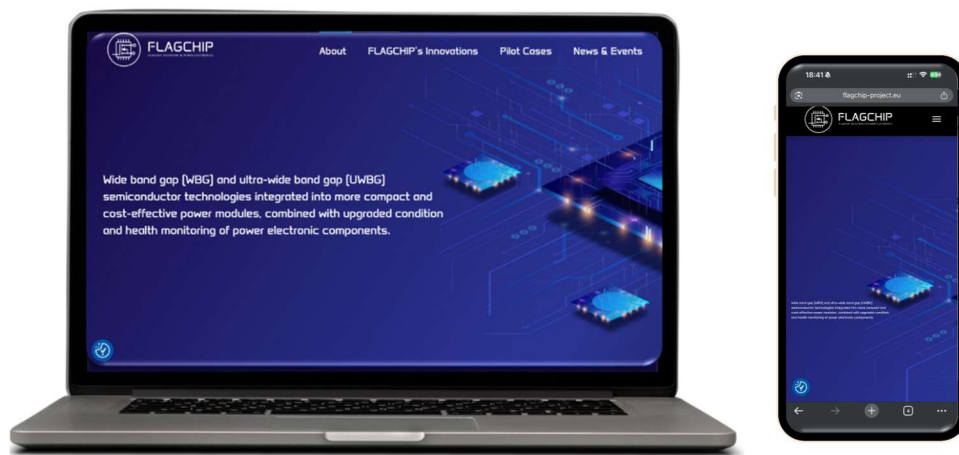


Figure 8: FLAGCHIP website

Q-PLAN is the partner responsible for the website's design, development, maintenance, and overall management. Special care has been taken to ensure the site is fully responsive and accessible across a wide range of devices, including mobile phones and tablets.

As the main gateway to all FLAGCHIP-related activities, the website hosts a wide array of resources, including:

- A detailed overview of the project's concept and objectives
- A detailed overview of the [project's innovations](#), where the Key Exploitable Results (KERs) are presented, along with a short description
- Information on the project consortium and pilots
- News about attended events and synergies with relevant initiatives
- Access to public deliverables, publications, newsletters and promo material
- Links to the project's social media channels and partner websites

The site also features a newsletter subscription option, allowing users and stakeholders to stay up to date with the latest project developments, while it also contains links to previous newsletters. Two newsletters have been released in the first period, while the 3rd newsletter is expected by the end of M18.

Content development is a collaborative effort, with all project partners expected to contribute by providing news, updates, and relevant material. In particular, The “[News](#)” section is refreshed regularly to reflect ongoing actions and achievements, having 22 news items already during the first period (M4-M18). As the project evolves, the website will be continuously updated with new publishable deliverables, promotional assets, and key developments.

To ensure the project stays on track, the website is monitored periodically to determine whether progress is sufficient or if additional efforts are needed. New users, total views, engaged sessions, and other visitor metrics are tracked using Google Analytics, to which the website has been registered since its launch. The data captured follow the provisions of the project’ [Privacy and Cookie Policy](#).

From the start of the project through the current period (September 2024 - January 2026), the website has attracted 3,500 new users, as illustrated in Figure 9.

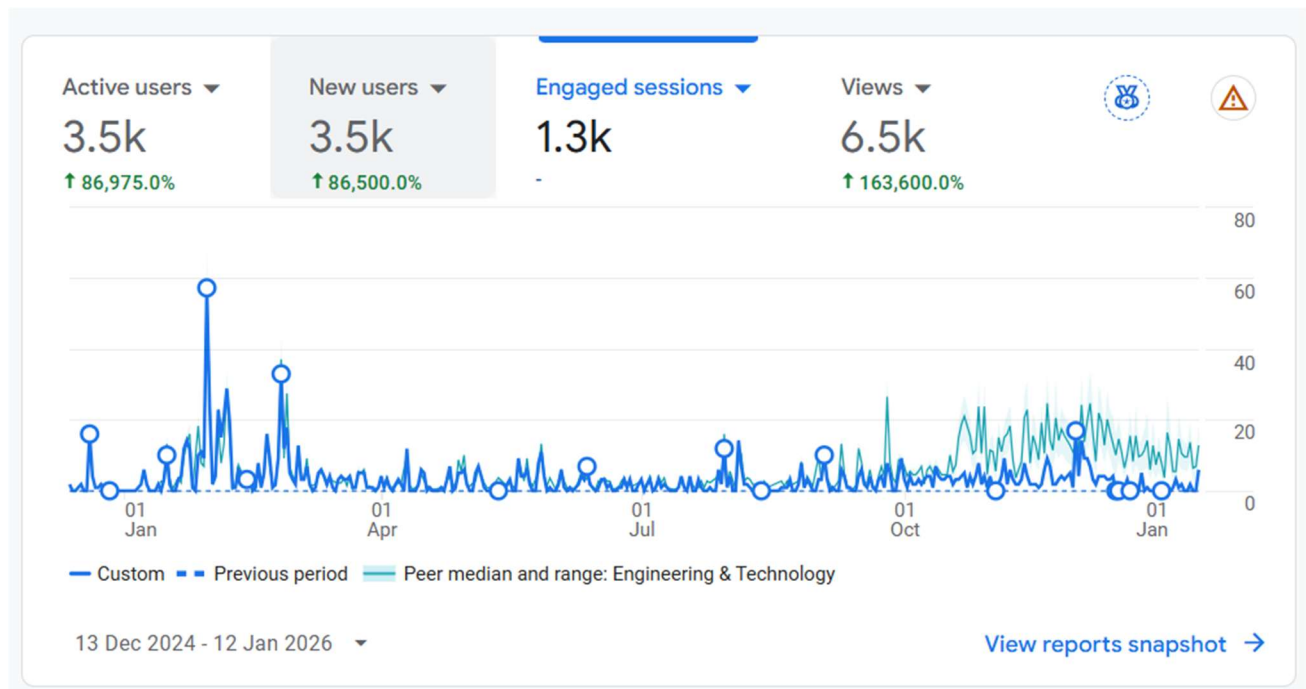


Figure 9: Google Analytics for FLAGCHIP website

Top pages/screens

PAGE TITLE AND SCREEN CLA...	VIEWS	ACTIVE USERS
Flagchip Project – Wide band ga...	2.3k	1.5k
News – Flagchip Project	464	262
Key Results – Flagchip Project	290	217
Consortium Partners – Flagchip ...	276	202
Newsletters – Flagchip Project	264	157
Concept and Objectives – Flagch...	229	162
SUPERGRID – Flagchip Project	200	153

Figure 10. Google Analytics for FLAGCHIP's website

Looking ahead, the FLAGCHIP website will continue to evolve as a dynamic communication tool, with regular updates on project results and new collaborations. Continuous monitoring of analytics will guide improvements, ensuring the website will function as one of the main tools for stakeholders outreach (where the goal is to exceed 10,000 by project completion).

4.2.2 Social Media Accounts

In today's society, the use of social media has become a necessary daily activity, therefore the project's social media accounts (SMAs) are among the main pillars of promoting project's news, events and activities. FLAGCHIP utilizes social media accounts on Facebook, LinkedIn, X and YouTube. The above-mentioned accounts were launched in M1 (September 2024). If any needs arise, other social media may be used in the future. Table 6 contains URL links to the existing social media accounts of FLAGCHIP.

Table 6. Social media accounts

Social media platform	Account name	URL
LinkedIn	FLAGCHIP Project	https://www.linkedin.com/company/flagchip-project/
X	FLAGCHIP Project	https://x.com/Flagchipproject
YouTube	FLAGCHIP Project	https://www.youtube.com/@FLAGCHIPproject
Facebook	FLAGCHIP EU Project	https://www.facebook.com/profile.php?id=61565428628434

The project's social media are continuously updated in English with news about the project's activities and results, events, scientific news, and updates from several organisations/ associations that promote semiconductor technologies and power electronics as well as news from related EU projects, etc. The frequency of social media posts depends on the availability of news about the activities and results of the project, keeping a baseline of 1-2 posts per week with news from the project or the broader power electronics community. **Currently, 68 posts with news have been made in FLAGCHIP's LinkedIn, Facebook and X accounts.**

In addition, hashtags are used on the project's posts to help stakeholders easily find them and encourage interaction. The hashtags used on the project's social media accounts are:

- #flagchip-project
- #HorizonEurope
- #PowerElectronics
- #Semiconductors

Q-PLAN is responsible for the administration of FLAGCHIP's social media accounts. Nevertheless, all partners are requested to follow the social media accounts and disseminate the posts through their own accounts and/or the social media of their organisation. FLAGCHIP partners have been highly engaged, often re-posting and commenting on updates communicated through FLAGCHIP's social media (Figure 11). To maximise the impact of FLAGCHIP's dissemination and communication efforts, continued and collective involvement from all partners remains essential.

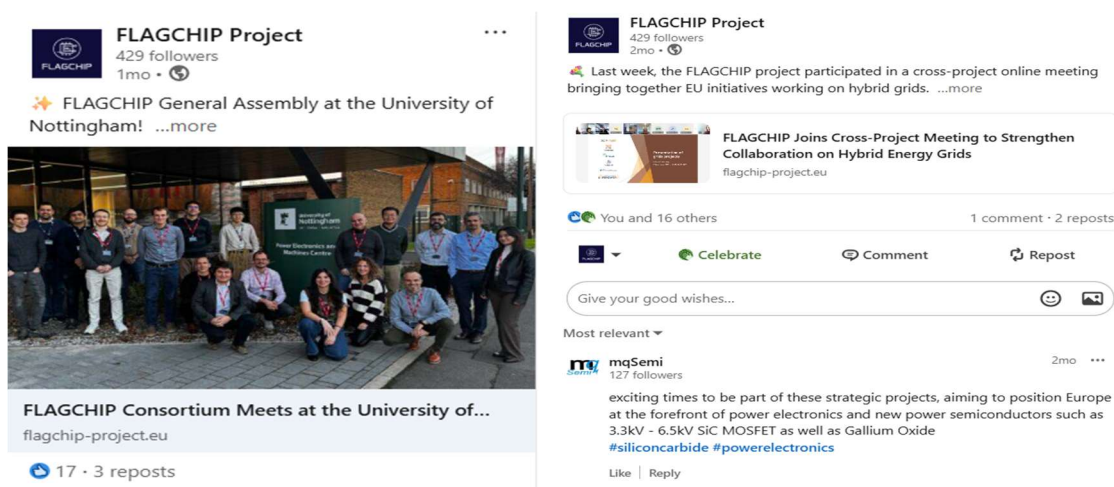


Figure 11: Partners' engagement through reposts and commenting in FLAGCHIP's social media

1.1.1.1 LinkedIn

LinkedIn constitutes a significant networking tool for professionals, offers a more institutional approach and has therefore been selected as the core social media channel. The project's LinkedIn page was set up in M1 (September 2024) and it focuses on presenting the project, its objectives and results.



Figure 12: FLAGCHIP's LinkedIn account

All partners are responsible for timely updating and sharing their input to ensure their activities are duly promoted. As shown in Figure 12, the LinkedIn page currently has 429 followers.

According to Figure 13, the visitors come from various industries, with the majority representing Appliances, Electrical and Electronics Manufacturing, Research Services, Insurance, and Renewable Energy Equipment manufacturing. These backgrounds closely align with those of the project's partners and the key stakeholders the project aims to engage.

Given that the primary target audience on LinkedIn is both the Electronics manufacturing and the academic and research community, the project will continue to follow and further finetune its D&C strategy to focus on evidence-based content, thought leadership, and the sharing of expert knowledge. It will keep sharing project updates and findings, academic insights, and event-related content in a compelling and accessible way.

In addition, the project will continue making use of online articles and press releases to boost media attention and spark online discussions. LinkedIn's networking features will also be actively used to connect with research communities, foster dialogue through comment threads and groups, and highlight contributions from academic collaborators. Through this approach, the project aims to further build visibility, foster trust, and strengthen engagement within the scholarly ecosystem.

Visitor demographics

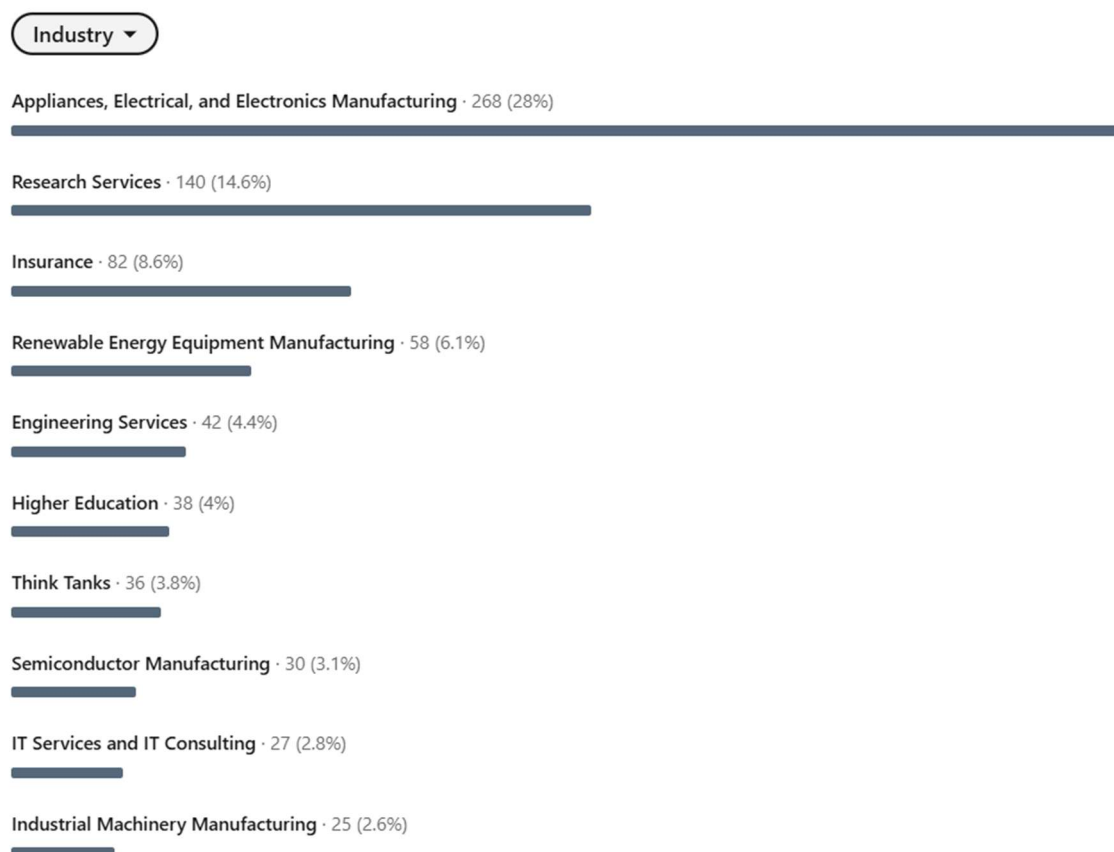


Figure 13: LinkedIn visitor demographics

1.1.1.2 X

An X account was also launched in M1 aiming to build engagement with stakeholders and other European projects through the exchange of quick, frequent messages. X is known for communicating via short messages. That helps project stakeholders understand, quickly and easily, what FLAGCHIP is and what it does. In addition, X can be used as a promotional tool for the project's events and workshops as it can create a buzz around the activity in a short period of time. As shown in Figure 14, the X page currently has 33 followers.



Figure 14: FLAGCHIP's X account

1.1.1.3 YouTube

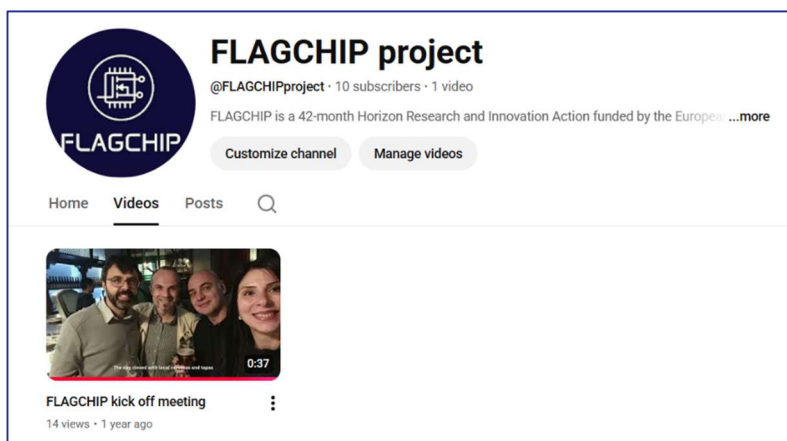


Figure 15: FLAGCHIP's YouTube account

The FLAGCHIP YouTube channel was established also in M1 (September 2024). This channel is chosen to consolidate project videos in a singular, easily accessible location. The primary objective behind creating the YouTube channel is to disseminate promotional videos, leveraging the platform to expose the project to a broader audience.

To date, the channel counts 10 subscribers and has one video from the Kick-off meeting that has received 14 views (Figure 15). In the forthcoming months, the release of the 1st promotional video of FLAGCHIP is expected to boost numbers significantly.

1.1.1.4 Facebook

Finally, a Facebook account was also created in M1 with the aim of building a strong community in various ways such as posting key project information, upcoming events and other useful, relevant and interesting links. Facebook provides a fast, free connection to significant number of stakeholders, so it gives the FLAGCHIP project an opportunity to share news and results.

Like all FLAGCHIP social media accounts, the project's Facebook page is regularly updated either with posts related to the project or other related projects and initiatives. As seen in Figure 16, the project's **Facebook page has 290 followers**.



Figure 16: FLAGCHIP's Facebook page

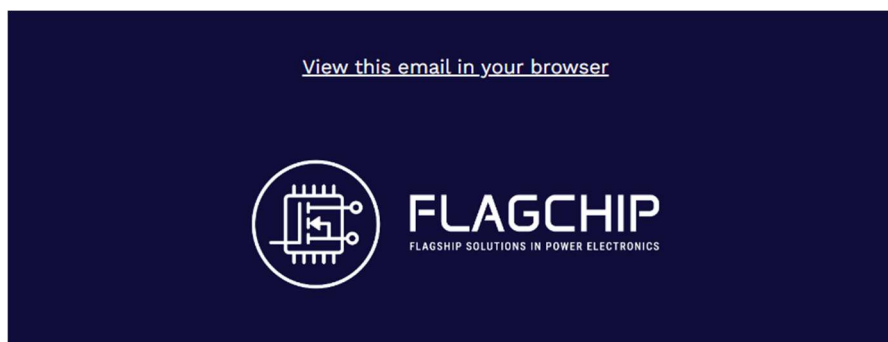
Moving forward, FLAGCHIP's social media strategy will focus on ensuring consistent and engaging updates across LinkedIn, Facebook, X, and YouTube, highlighting project milestones, events, and scientific results. The use of project hashtags will continue to enhance visibility, while tagging partners and relevant stakeholders will strengthen engagement. All partners will be encouraged to actively share, comment, and cross-promote content to expand the project's reach and impact.

4.2.3 Online newsletter

FLAGCHIP has committed to producing a total of seven (7) bi-annual newsletters, using MailChimp as the main distribution platform. Each issue highlights the results achieved, upcoming activities and events, news from similar initiatives and news in the relevant scientific fields from the preceding six months and is aimed at keeping stakeholders, followers, and interested parties well-informed about the project's progress.

The newsletters are shared with a targeted audience, including all individuals who have subscribed through the project's website. Everyone who is interested will be able to subscribe to the recipients' list by registering on the newsletter section of the project's website or unsubscribe, according to GDPR rules. After the email newsletter is released, each issue is also made publicly available in the "[Newsletters](#)" section of the project website.

At this stage, **two (2) online newsletters** were prepared and distributed through MailChimp: [M6](#) (February 2025) and [M12](#) (August 2025). In Figure 17, an image of the latest newsletter is provided:



FLAGCHIP's 2nd Newsletter just dropped!

FLAGCHIP's project team welcomes you to our mission to address critical challenges related to Condition and Health Monitoring of power electronic components!

How far has FLAGCHIP sailed in its first year?

Figure 17: FLAGCHIP's latest newsletter issue (August 2025)

In addition to MailChimp, the newsletter function of LinkedIn has been also exploited for the release of the 2nd newsletter of FLAGCHIP. The content of it is the same as the MailChimp newsletter, and the LinkedIn issue is distributed to all followers of FLAGCHIP in LinkedIn, giving them the opportunity to subscribe. The LinkedIn newsletter has achieved 167 subscribers, as shown in Figure 18.



Figure 18: FLAGCHIP's LinkedIn Newsletter issue (August 2025)

The newsletter issues are prepared by Q-PLAN, with the contribution of all partners regarding the content. The content of each issue is decided and agreed among the consortium members. Partners are also required to disseminate the newsletter issues through their own channels.

In parallel, FLAGCHIP collaborates with relevant initiatives to cross-promote latest achievements and results through the newsletters. For example, FLAGCHIP was incorporated in MoWiLife's (Newsletter recipients: 35), THEUS' (Newsletter recipients: 90) and INTERSCADA's (Newsletter recipients: 115) newsletters, thus extending outreach to additional audiences of interest.

Looking ahead, the project will continue releasing bi-annual newsletters until all seven planned issues are completed, with the upcoming editions scheduled for M18, M24, M30, M36 and M42. Each newsletter will provide stakeholders with clear updates on progress, results, collaborations and events. Q-PLAN will manage content and distribution with contributions from partners, while also implementing targeted promotion strategies to increase the number of subscribers through the website, social media, and partner channels. Ad-hoc editions may additionally be issued to share noteworthy developments.

4.2.4 Press releases, online articles and other publications

4.2.4.1 Press releases

Press releases play a vital role in the project's dissemination and communication strategy. Issued on an ad-hoc basis, they serve as a tool to announce the project and its objectives, highlight key achievements, and mainly to attract new stakeholders by harnessing the large audience bases of informative portals. These releases not only communicate essential updates but also reinforce the visibility of the project at both European and international levels. To date, 3 press releases have been published, as shown in Table 7.

Table 7. Press releases about FLAGCHIP up to M18.

N	Title	Description	Link
1	Mitsubishi joins Horizon Europe's FLAGCHIP project	Introduction of FLAGCHIP and role of MERCE at the Compound Semiconductor news portal	https://compoundsemiconductor.net/article/121021/Mitsubishi_joins_Horizon_Europeand_s_FLAGCHIP_project_?flagchip
2	FLAGCHIP	Announcement of FLAGCHIP at Enlit world website, which hosts a list of innovative initiatives, partnerships and technologies that are shaping the energy transition	https://www.enlit.world/projects/flagchip
3	Mitsubishi Electric Joins Horizon Europe's "FLAGCHIP" Project to Develop Technology for Monitoring Power Module Condition	Announcement of FLAGCHIP project and outline of MERCE's key developments	https://www.mitsubishielectric.com/en/pr/2025/0130-a/

A higher number of press releases is planned for the second period of the project, when a greater volume of concrete results and key outcomes will be available for dissemination. This timing follows a deliberate communication strategy aimed at maximising impact by promoting validated achievements to the most relevant audiences and stakeholders through targeted online magazines and specialised media outlets. A few indicative online magazines that are considered for the future press releases are:

- Bodo's Power Systems
- Power & Beyond
- Power Electronics Europe
- Power Electronics Technology
- Power Systems Design Europe

4.2.4.2 Online articles

Online articles constitute an important component of the project's dissemination and communication strategy. Published on FLAGCHIP's website, partners' websites as well as on the platforms of fellow (sister) projects, these articles contribute to maintaining continuous visibility of the project while offering stakeholders detailed and accessible information on its progress and impact.

Online articles support storytelling by presenting project developments, technical achievements, and collaboration outcomes in a narrative format that is easily shared and referenced. Through this approach, the project strengthens knowledge exchange within the research and innovation community and enhances engagement with relevant stakeholders at both national and European levels.

To date, four (4) articles have been published by FLAGCHIP partners' websites, five (5) articles were published by fellow projects featuring FLAGCHIP and its goals, and 22 articles were developed for the "News" section of the FLAGCHIP web portal, making a total of 31 online articles, surpassing by far the KPI of 4 online articles by the completion of the project. Table 8 presents the 31 online articles up to M18.

Table 8. Online articles up to M18

No	Title	Author	Link
1	Get to know FLAGCHIP! Our new project in the Power Electronics sector!	Q-PLAN	https://qplan-intl.gr/news/get-to-know-flagchip-our-new-project-in-the-power-electronics-sector/
2	FLAGCHIP had its kick-off meeting on	Q-PLAN	https://qplan-intl.gr/news/flagchip-had-its-kick-off-meeting-on-october-3rd-2024-in-spain/

	October 3 rd , 2024, in Spain		
3	Driving Innovation Together: Q-PLAN at the FLAGCHIP General Assembly	Q-PLAN	https://qplan-intl.gr/news/driving-innovation-together-q-plan-at-the-flagchip-general-assembly/
4	DCforEU, FLAGCHIP & HYNET: SuperGrid Institute a major contributor in 3 new international projects!	SUPERGRID	https://www.supergrid-institute.com/2024/12/05/dcforeu-flagchip-hynet-supergrid-institute-major-contributor-3-international-projects/
5	Presentation of FLAGCHIP	THEUS	https://www.theus-project.eu/related-projects/
6	Presentation of FLAGCHIP	MoWiLife	https://www.mowilife.eu/sisterprojects/
7	Presentation of FLAGCHIP	SAFEPOWER	The SAFEPOWER's Sister Projects SAFEPOWER
8	Presentation of FLAGCHIP	InterSCADA	https://interscada.eu/the-team/
9	Presentation of FLAGCHIP	For2enSiCs	Meet FLAGCHIP project! – for2ensics
10 - 31	FLAGCHIP updates	Q-PLAN	https://flagchip-project.eu/news/

Moving forward, press releases and online articles will remain a key instrument to communicate the FLAGCHIP solutions, project milestones, achievements, and upcoming activities to diverse audiences at national, European and international level. They will emphasize scientific results, collaboration outcomes, and opportunities for stakeholder engagement, ensuring the project's progress is widely visible. This approach will continue to reinforce the project's visibility, while creating a strong brand for the FLAGCHIP solutions.

4.2.4.3 Scientific Publications

During the project, at least 8 scientific publications are expected to be published in international journals and 4 in conferences. Publication in impactful peer-reviewed scientific journals is one of the project's key channels for scientific dissemination.

To date, one (1) scientific article has been published in the proceedings of the international conference ECCE Europe 2025. The publication is available in the [conference proceedings in IEEE Xplore](#) in the [research repository webpage of UoN](#) (author), in the section “[Articles and Papers](#)” of FLAGCHIP’s website, and in the FLAGCHIP [Zenodo account](#).

Additionally, two (2) conference publications are pending at the international conference [CIPS 2026](#).

A list of the project’s conference publications is provided in Table 9.

Table 9. Publications at international conferences

No	Title	Partner/ Year	Link
1	Investigation of On-chip Temperature Measurement in Power Cycling Using Fibre Bragg Grating Sensors	UoN / 2025	Investigation of On-Chip Temperature Measurement in Power Cycling Using Fibre Bragg Grating Sensors
2	Abstract Submitted at CIPS 2026: On-chip Temperature Measurement Using Fibre Bragg Grating Sensors With Thermal Network	UoN / 2026	N/A
3	Abstract Submitted at CIPS 2026: Comparative study of dielectric liquids for a 2.0 kV SiC-MOSFET power module with combined immersion an jet impingement cooling.	HKE / 2026	N/A

Figure 19 presents two images capturing key moments from UoN’s scientific publication showcased at ECCE Europe 2025 in Birmingham (UK) in September 2025.

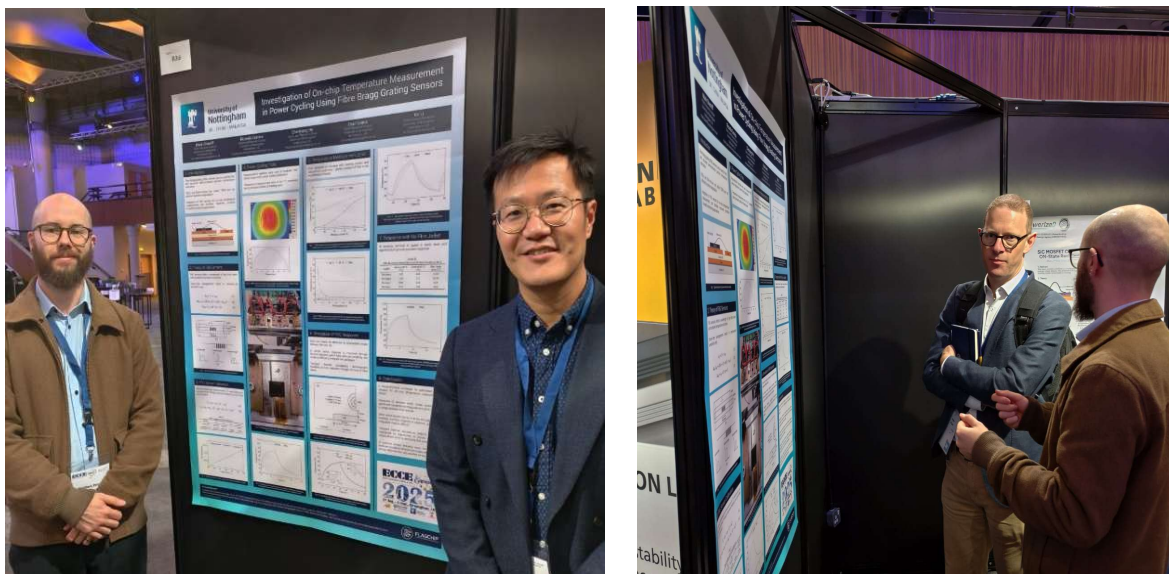


Figure 19. University of Nottingham (UoN) presenting their work at ECCE Europe 2025

The FLAGCHIP project remains committed to actively presenting its research findings and progress. The project's researchers will continue to attend high ranked scientific conferences, contributing to the project's visibility and recognition within the scientific community. This ongoing engagement is designed to broaden the project's reach and strengthen connections with key audiences, including researchers, academics, and other relevant stakeholders.

Moreover, Q-PLAN facilitates partners' publication activities by collecting and consolidating partners' intentions for future scientific outputs. To this end, a dedicated Excel template was circulated among the consortium, allowing partners to indicate their planned publications in a transparent manner. This common overview supports forward planning, fosters synergies and collaboration opportunities among partners, and enables the early identification and mitigation of potential overlaps or disputes.

In addition, with regards to scientific publications:

1. The beneficiaries must ensure open access to peer-reviewed scientific publications relating to their results.
2. All authors are responsible for identifying any publishing opportunities and for carrying out all necessary actions to ensure the publications of project news and results.
3. Each partner will make effort to produce publications of the highest quality, which not only reflects on the consortium's reputation but also on the FLAGCHIP project as a whole.
4. All publications must cite or/and refer to the EU contribution and project grant agreement number, as required in Article 17 of Grant Agreement No. 101172794.

The consortium will continue publishing in high-impact journals to further strengthen the project's scientific profile and ensure visibility within the research community. All publications will remain open-access, reinforcing the project's commitment to knowledge sharing and long-term scientific impact.

4.2.5 Animated Video

Videos help people understand a project more easily by showing rather than just telling. They can explain complex ideas in a simple way, using visuals, sound, and clear examples. Creating different types of videos, like short animation, recordings of events or workshops, and interviews with project partners, makes the project feel more real and relatable. These videos can show what the project is about, who is involved, and why it matters. They are also easy to share online, helping the project reach more people. Overall, videos are a strong way to communicate and spread the results, ideas, and impact of a project.

An animated video is planned to be prepared in the beginning of the second period of the project in order to enhance the project through visual storytelling where the animation will capture attention and the simplified key information and core concepts will be conveyed to the audience in an easy way. This promotional video, which is expected to last approximately 1 minute in length, is planned to be

produced by M21 (May 2026) to effectively reinforce the project’s communication activities. The preparation of the video is the responsibility of Q-PLAN.

The video will provide an overview of the project, including vital information, and serve as an engaging way to highlight the mission and vision of the project. This video, along other videos produced for communication reasons, will be uploaded to the [FLAGCHIP YouTube channel](#).

At a later stage, right after pilot implementation, a 2nd promotional video will be designed and released to showcase the FLAGCHIP solutions, thus creating strong hype for their post project rollout.

4.3 FLAGCHIP’s Events

4.3.1 (Co-)organized Workshops

FLAGCHIP places strong emphasis on maximising the outreach and impact of its results, while avoiding duplication of efforts and ensuring efficient use of resources. To achieve these objectives, the project actively pursues collaboration and synergies with related European and international initiatives, projects, and stakeholder networks. Through engagement with complementary actions, FLAGCHIP expands its access to relevant scientific, industrial, and policy-oriented audiences beyond the consortium. In this context, collaboration is operationalised through joint dissemination and knowledge-exchange activities, including the co-organisation of thematic workshops and sessions, which facilitate cross-fertilisation of ideas, promote best practices, and strengthen the broader research and innovation ecosystem in the project’s field.

In that context, FLAGCHIP has participated in the co-organization of 3 workshops:

1. FLAGCHIP has reached out to its two sister projects and organized an online workshop to get to know each other and align on synergies at the dissemination level. A follow up workshop is planned for the 2nd period focusing this time on technical cooperation.
2. FLAGCHIP invited the synergy projects HYPNET and InterSCADA to introduce their project and developments to the FLAGCHIP consortium, giving a platform for knowledge exchange and enabling the FLAGCHIP consortium to stay up to date with relevant research on the field.
3. FLAGCHIP participated in the co-organization of an online workshop along with other grid-related projects for the “Grids projects” group, where its consortium attended to identify areas for technical collaboration among the consortia of the other projects (more details in chapter 5).

The table below presents the co-organized workshops, when these took place and how many people participated.

Table 10. Co-organised workshops

Workshop Name	Date	# Participants
Sister projects	13.02.2025	5
HYPNET & InterSCADA	23.09.2025	18
Grid Projects	07.11.2025	54

As next steps, FLAGCHIP foresees the organisation of targeted workshops to further support the exploitation, scaling-up, and broader impact of its results. These include a workshop with key industrial and market actors to reflect on and further validate the project's emerging business models and economic viability assessments, as well as a workshop focused on the regulatory, standards, and policy landscape relevant to FLAGCHIP technologies, aimed at refining insights and recommendations for large-scale replication.

In addition, and depending on emerging opportunities, FLAGCHIP may explore the organisation of further workshops to encourage technical exchange and cooperation with sister projects, as well as potential collaborative sessions with organisations promoting female leadership in the energy sector, either jointly with relevant grid-focused initiatives or within the broader sister-project community. Together, these activities are expected to contribute to strengthening synergies, inclusiveness, and the overall impact of the project.

4.3.2 External Events

The project's goal is for partners to participate in several external conferences and events (>15) of great interest to the project's target stakeholders in order to keep in touch with them, exchange knowledge, and communicate the project value propositions and results. In addition, the targeted events, both scientific and business, will relate to the knowledge fields of the project, the sectors it covers as well as the interests of the project's primary stakeholders. The goal is to keep in touch with the latest advances in research and industry across Europe, share knowledge with respective communities, and establish contacts and interactions with key stakeholders, while at the same time communicating the results of the project. External events in which partners will participate include, among others exhibitions, scientific events and conferences.

To date, FLAGCHIP partners have been present and promoted the FLAGCHIP concept and objectives in eight (8) external events, including conferences, expeditions and workshops. A total of 210 promotional leaflets was distributed by the partners in the context of these events. A list of the external events that FLAGCHIP partners have attended is presented in Table 10 and a few photos are shown in Figure 20.

The Dissemination Manager, Q-PLAN, supports the FLAGCHIP partners in identifying opportunities for event participation, by mapping relevant events in partners' research/geographic area. The list of events is available to the partners through the project's SharePoint.

Table 11. Attended External Events

No	Event Name	Type of event	Attendant
1	Forward Green Expo 2025	Conference	Q-PLAN

2	IMB-CNM Talks: Energy Workshop II: Advancing Power Electronics for Efficiency	Online workshop	Q-PLAN
3	PCIM 2025	Conference	UoN, Hitachi Energy, SuperGrid Institute
4	TIGON's Finnish hybrid microgrid replication showcase	Workshop	CIRCE
5	ECCE Europe 2025	Conference	UoN
6	ESREF 2025	Conference	SuperGrid Institute
7	Ultra-High-Voltage Power Electronics - ECPE Hybrid workshop	Workshop	SuperGrid Institute, mqSemi, UoN
8	Enlit Europe 2025 – Energy Transition Event	Conference and Expedition	SuperGrid Institute



Figure 20. FLAGCHIP partners attending external events

4.3.3 The Final Conference

A final conference will be (co-)organised near the end of the project to spread the accumulated knowledge and present the final achievements to scientists, industry, policymakers and all other interested parties as well as to promote their uptake across Europe, and beyond.

To optimize the event's reach and impact, concerted efforts will be made to arrange it as a satellite event within the framework of a prominent international event.

5. Networking and Joint Activities with Relevant Initiatives

In order to reach a wider pool of stakeholders, FLAGCHIP is leveraging the consortium partners' extensive reach to establish synergies with key networks and initiatives. Through these collaborative efforts, FLAGCHIP seeks to not only promote its own goals, vision, and results, but also to reinforce the value of teamwork and collective progress.

The project encourages shared action over isolated efforts, and views synergy as a means to amplify impact and accelerate innovation. Q-PLAN, with the support of all partners, creates communication pathways with those projects for collaboration, knowledge exchange, and joint activities.

FLAGCHIP defines a synergy project as one that meets several of the following criteria:

- Co-organising joint activities such as events, workshops, or webinars;
- Participating in each other's events, including speaking engagements;
- Exchanging updates and disseminating information through each other's communication channels (e.g. website, newsletters, social media, etc.).

To date, FLAGCHIP has established synergies with nine (9) EU funded projects and Table 12 presents the corresponding activities.

Table 12. FLAGCHIP's synergies with other EU funded projects

Project Name	Logo	Activities implemented	Stakeholders reached
MoWiLife		Cross-promoting through social media and newsletter, online article on the website	LinkedIn followers: 130 Newsletter recipients: 35
SAFEPOWER		FLAGCHIP was presented on an online workshop about Advancing Power Electronics for Efficiency, organized by the sister project SAFEPOWER, cross-promoting through social media and newsletter, online article on the website	LinkedIn followers: 190

HYNET		Cross-promoting through social media and newsletter, featuring at the website as synergy, introductory workshop within FLAGCHIP's GA	LinkedIn followers: 234
THEUS		Cross-promoting through social media and newsletter, online article on the website	LinkedIn followers: 172 Newsletter recipients: 90
AdvanSiC		Cross-promoting through social media	LinkedIn followers: 453
InterSCADA		Cross-promoting through social media and newsletter, online article on the website, introductory workshop within FLAGCHIP's GA	LinkedIn followers: 250 Newsletter recipients: 115
For2enSiCs		Cross-promoting through social media, online article on the website	LinkedIn followers: 145
DC-POWER		Cross-promoting through social media	LinkedIn followers: 604
DAEDALOS		Cross-promoting through social media	LinkedIn followers: 186

In addition, FLAGCHIP has been participating in a group of projects on hybrid grids, an initiative from EU funding project THEUS. The group of projects meets every 2 months and its goal is to facilitate synergies and develop joint communication and dissemination activities, such as joint webinars, participation in events, communication campaigns (when relevant), and policy sessions in order to raise awareness around the participating projects, increase their visibility and reach out to a broader range of target groups, while also participating in the shaping of regulation.

FLAGCHIP, which is a member of this group since M10 (June 2025), has been very active within the group by enabling the invitation of our two sister projects (MoWiLife and SAFEPOWER), co-organising an online workshop with the other hybrid-grid projects, and by establishing many individual synergies (and cross-promoting activities) with projects of this group.

Moreover, the synergy list has been updated by Q-PLAN with the support of partners to map potential synergies and facilitate their efficient categorization (Annex I). Emphasizing collaborative activities is vital for unlocking the full potential of the FLAGCHIP project. In this respect, the consortium should remain vigilant, actively seeking new collaborations and joint actions to ensure the project's success.

FLAGCHIP will strengthen its synergies by expanding collaborations with sister projects and other projects and initiatives to co-organise joint activities and amplify dissemination efforts. The project will continue engaging in shared events, workshops, and cross-promotion channels to ensure collective visibility and impact.

5.1 EU dissemination channels

A tentative list of EU dissemination channels that may be utilised by FLAGCHIP throughout its duration is provided below:

- CORDIS is the EC primary source of results from projects funded by the EU's framework programs for R&I;
- Horizon Results Platform is a repository of Key Exploitable Results of EU-funded research and innovation projects;
- Open Research Europe is an open access publishing platform that beneficiaries can use to publish any research results coming from R&I funded programs, and it is in line with the EU's open science policy;
- Zenodo is a general-purpose open repository developed under the European OpenAIRE program and operated by CERN. It allows researchers to deposit research papers, data sets, research software, reports, and any other research related digital artefacts.

6. Timeline and implementation plan

			2024	2025					2026					2027					2028						
Activity	Responsible Partner	Related WP	1st Year										3rd Year					4th Year							
			November-December	January-February	March-April	May-June	July-August	September-October	November-December	January-February	March-April	May-June	July-August	September-October	November-December	January-February	March-April	May-June	July-August	September-October	November-December	January	February		
			Development of promotional material																						
Logo	Q-Plan	WP7																							
Templates (report, presentation and letterhead)		All WPs																							
Leaflet, poster, and infographic		WP7																							
Promotional video		WP7																							
			Website																						
Development and operation of project's website	Q-Plan	WP7																							
Publicity through project's website	All partners	All WPs																							
Publicity through partners' website	All partners	All WPs																							
			Social media networks																						
Creation of social media accounts	Q-Plan	WP7																							
Publicity through projects' social media	All partners	All WPs																							
Publicity through partners' social media	All partners	All WPs																							
Publicity through project YouTube channel	Q-Plan	WP7																							
			Digital presence																						
Recipients list creation and update	Q-Plan	WP7																							
E-newsletter	Q-Plan	WP7																							
			Publications																						
Non – scientific (press releases)	All partners	WP7																							
Scientific publications and conference papers	All partners	WP7																							
			External events																						
Exhibitions, business events, information days etc.	All partners	WP7																							
Scientific events, conferences etc.	All partners	WP7																							
			Project workshops																						
Workshops (technical, validation, synergies)	All partners	All WPs																							
			Final Conference																						
Final conference	Q-PLAN	All WPs																							
			Synergies with related projects/initiatives																						
Synergies with related projects/initiatives	Q-Plan, all partners	WP7																							

Figure 21. Dissemination and communication time plan

7. Key performance indicators and monitoring

To measure the success of FLAGCHIP's dissemination and communication strategy, the following KPIs are employed, and all dissemination activities are monitored with their results being compared to the KPIs so as to assess whether is on the right path or if increased efforts need to take place.

Table 13. Dissemination and Communication KPIs

Indicator	Target (impact)	M18
Stakeholders participated in project events	>100	77
External events/conferences attended	>15	8
Synergies with initiatives & networks	>10 joint actions	9
Publications in int. Journals/conferences	≥8 / ≥4	0 / 1
Stakeholders' outreach/engagement	10,000/500	7619 / 753
Followers on social media	>1,000	762
Views of the promotional video	>1,500	N/A
Number of newsletters released	7	2
Promo (e-)material distributed	>300	210
Online Articles / Press Releases	≥4 / ≥8	31 / 3

To meet target values, project partners are expected to continuously carry out publicity actions and report all publicity and communication outcomes regularly. Q-PLAN will be responsible for monitoring and evaluating FLAGCHIP dissemination activities.

Partners are required to provide details on all communication and dissemination actions through the FLAGCHIP "Dissemination and Communication Reporting", which is in the project's repository. Q-PLAN is responsible for notifying partners in advance when their input is needed to ensure timely and accurate reporting.

Moreover, any promotional material related to the project produced by a partner should be reviewed and approved by the WP7 leader, Q-PLAN. Each project partner should promptly contact Q-PLAN if they identify opportunities, problems, or risks during the planning or implementation of publicity actions.

8. Conclusions

This second version of the Dissemination and Communication Plan and Activities builds upon the foundation established in D7.1 and reflects the progress achieved during the first 18 months (M18) of the project. While D7.1 focused primarily on laying the groundwork, such as the project's identity, website, social media presence, and the promotional material, D7.2 demonstrates how these initial structures have been expanded and enriched with additional content, and outreach activities.

In terms of communication performance, the project is in a good track to achieve its targets. Social media engagement has grown substantially, with the combined channels now attracting over 762 followers, soon to surpass the planned KPI of 1,000. The project website has drawn 3,500 unique visitors, contributing noticeably to the target of 10,000 outreached stakeholders by M42. Moreover, FLAGCHIP has been promoted through 31 online articles, surpassing the initial KPI of 4, while more press releases are planned for the 2nd period of the project through which project achievements and high-level results of the project will be promoted to targeted audiences. Finally, the promotion of FLAGCHIP's goals has been also performed through partners' attendance in external events (8 events up to M18), while 210 items of promotional material have been distributed, reaching soon the KPI of 300.

Dissemination has also moved forward in the 1st period, with the project producing one (1) scientific publication in the proceedings of a conference, while two (2) more scientific publications in conference proceedings are pending (KPI target is 4). Publications in scientific journals are planned for the 2nd period, while a partner (HKE) is filing a patent application.

Another notable achievement is the consortium's active engagement with related initiatives. Synergies with nine (9) projects and initiatives have been established, fostering collaborations with SAFEPOWER, HYNET, THEUS and InterSCADA, and several other hybrid grid initiatives. These partnerships have broadened the project's network and amplified its visibility at the European level.

Overall, while D7.1 established the structures and tools for dissemination, D7.2 shows how these have been translated into concrete actions and measurable impact. Looking forward, the focus will be on consolidating these achievements, preparing for the large-scale dissemination of scientific and technical results, and ensuring sustainability of communication beyond the project's lifetime. The final version of this plan (D7.3), due at M42, will capture the full scope of these efforts.

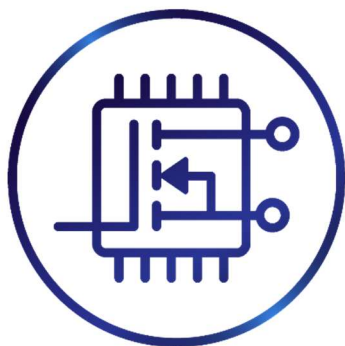
Annex I - Synergy List

No	Name of Initiative	When does it end?	Type of initiative (e.g. Horizon 2020 & Horizon Europe project, network, standardisation body, association, technology platform, etc)	Short description	Website	Responsible FLAGCHIP partner(s)
1	FOR2ENSICS	2026	Horizon	SUPERGRID is currently developing a bidirectional DC/DC converter (1.5kV/10kV 250kW) under FOR2ENSICS. Developed to (TRL 5) and available for other uses at the beginning of 2026.	https://for2ensics.imb-cnm.csic.es/	SUPERGRID, HITACHI
2	AdvanSiC	2025	Horizon	Minimise HV SiC device cost by advanced design structures and process optimisations. Immune and reliable environment to handle SiC fast transients. Optimising passives and cooling systems to reduce cost at the device and system levels.	https://advansic-euproject.eu/	UoN, MQSEMI
3	SiC4GRID	2026	Horizon	The project aims to optimize SiC based technology by focusing on cost and size reduction and low environmental impact of MVDC/HVDC converters. The project is driven by innovations in hardware, software, and IoT.	https://sic4grid.eu/	HITACHI
4	MoWiLife	2027	Horizon	Condition Monitoring and Wide Bandgap Power Electronics - Leading Innovations for the European Energy Sector	https://cordis.europa.eu/project/id/101172657	Q-PLAN
5	HYNET	2027	Horizon	Pan-European Interoperable AC-DC Hybrid Electricity Networks	https://cordis.europa.eu/project/id/101172757	SUPERGRID, CIRCE

6	InterSCADA	2027	Horizon	Interoperable, Scalable and seCure Ac-Dc modular Automation system	https://cordis.europa.eu/project/id/101173007	SINTEF, CIRCE
7	DAEDALOS	2028	Horizon	Development, integration, and demonstration of Advanced software tools in SCADA systems for combining Teslas and EDisons world to reALize high, medium and LOw voltage hybrid AC/DC gridS	https://cordis.europa.eu/project/id/101172829	Q-PLAN
8	Made in Europe (MIE)	2027	Horizon and EFFRA	The manufacturing partnership in Horizon Europe (2021 – 2027). The lead entity for the Made in Europe Partnership is the European Factories of the Future Research Association (EFFRA; www.effra.eu). EFFRA brings together companies from the entire manufacturing supply chain, including production technology providers and users of such machinery and equipment. On the academic and research side, all leading European research institutes, technical universities and other organisations are part of the community.	https://research-and-innovation.ec.europa.eu/system/files/2020-09/ec_rtd_he-partnership-made-in-europe.pdf	
9	MULTIMOLD	2027	Horizon	Film insert molding and in-mold decoration are standard processes in injection molding allowing to generate 3D shaped objects with seamlessly integrated graphics and high freedom in design. With the emerging functional printing of circuits and sensors, the field of in-mold electronics has extremely expanded covering several applications (i.e., Human Machine Interface in automotive and industries, condition monitoring and sensors in energy generation field, healthcare, etc.).	https://cordis.europa.eu/project/id/101138427 https://www.multimold.eu/	
10	ETIP SNET	no end date	EC	The European Technology and Innovation Platforms (ETIPs) were created to support the implementation of the SET Plan by bringing together EU countries, industry, and researchers in key areas. They promote the market uptake of key energy technologies by pooling funding, skills, and research facilities. European Technology & Innovation Platforms (ETIPs) have been created by the European Commission in the framework of the new Integrated Roadmap Strategic Energy Technology Plan (SET Plan) by bringing together a multitude of stakeholders and experts from the energy sector. The ETIP Smart Networks for Energy Transition (SNET) role is to guide Research, Development & Innovation (RD&I) to support Europe's energy transition.	https://smart-networks-energy-transition.ec.europa.eu/working-groups/ws3 https://smart-networks-energy-transition.ec.europa.eu/working-groups/ws1	
11	ETIP Wind	no end date	EC	The European Technology & Innovation Platform on Wind Energy (ETIPWind) was established in 2016 to inform Research & Innovation policy at European and national level.	https://etipwind.eu/ https://etipwind.eu/files/file/agendas/231205-ETIPWind-SRIA.pdf	
12	DC DYNAMIC	2028	Horizon		accelerating DC DYNAMIC cable technology for sustainable european electricity grid DC DYNAMIC Project Fact sheet HORIZON CORDIS European Commission	

13	THEUS	2027	Horizon	ETIPWind provides a public platform to wind energy stakeholders to identify common Research & Innovation (R&I) priorities and to foster breakthrough innovations in the sector.	https://cordis.europa.eu/project/id/101172877 https://www.theus-project.eu/related-projects/	CIRCE
14	CABLEGNOSIS	2027	Horizon		https://cordis.europa.eu/project/id/101172819	
15	EasyDC-FOS	2027	Horizon	Its recommendations highlight the pivotal role of wind energy in the clean energy transition. They inform policymakers on how to maintain Europe's global leadership in wind energy technology so that wind delivers on the EU's Climate and Energy objectives. As such, the platform is key in supporting the implementation of the Integrated SET-Plan.	https://cordis.europa.eu/project/id/101172806	
16	SAFEPOWER	2028	Horizon	SAFEPOWER first explores and investigates on essential digital, enabling, and emerging technologies to achieve a new generation of power converters for solar applications: i) capable of anticipating failures to prevent downtime using effective Condition and Health Monitoring (C&HM) solutions assisted by AI strategies, ii) based on more compactly-packaged, efficient, rugged and affordable Silicon Carbide (SiC) power MOSFETs, diodes and solid-state DC breakers with a more sustainable manufacturing, and iii) prospecting on Ga2O3-based emerging power devices (MESFETs, diodes and solid-state DC breakers) especially designed for this application.	https://cordis.europa.eu/project/id/101172840	
17	WindEurope		Association	We are the voice of wind energy in Europe. We engage the EU Institutions, Governments and other public authorities to try to ensure their ambitions, policies and regulations help drive the growth of wind. To ensure Governments in Europe support the expansion of wind energy and of the infrastructure needed for it – and that they support the strengthening of Europe's wind energy industry. To ensure economic actors and wider society support the expansion of wind and that wind serves their interests.	https://windeurope.org/about-us/mission/	HITACHI
18	InterOPERA	2027	Horizon	To unlock multi-vendor HVDC grids and foster the transition of the European energy sector at large scale, InterOPERA proposes a coordinated approach between a diverse, high-level group of industries at the forefront of RES development and grid management. 4 HVDC vendors, 8 TSOs, 2 wind turbine vendors and 3 wind park developers bring their industrial knowledge and practical abilities to make future HVDC systems mutually compatible and interoperable by design, and to improve the grid forming capabilities of offshore and onshore converters.	https://cordis.europa.eu/project/id/101095874	
19	ECPE	no end date	Network/Association	ECPE, the European Center for Power Electronics e.V., was founded in 2003 on the initiative of leading power electronics industries as an industry-driven research network. Its mission is to promote education, innovation, science, research, and technology transfer in the field of power electronics across Europe.	https://www.ecpe.org/network/objectives-mission/objectives/	HITACHI, MERCE, SUPERGRID, INSA

20	FASTLANE	2027	Horizon	FastLane targets a full, highly competitive and sustainable European value chain for Silicon Carbide (SiC) based power electronics. The goal is to provide a competitive technology excellence from engineered SiC substrates to novel devices, smart power modules and converters to broadened automotive and industrial applications.	https://cordis.europa.eu/project/id/101139788	
21	EREF	no end date	Federation	EREF is the European federation of national renewable energy associations from across EU Member States, representing all renewable energy sectors. EREF's role is to improve EU climate and energy legislation, with the objective to integrate higher RES shares into Europe's markets and systems.	https://eref-europe.org/	
22	EERA JP Wind	no end date	Joint program in association	EERA (European Energy Research Alliance) is a membership-based, non-profit association, constituting the largest low-carbon energy research community in Europe and a key player in the European Union's Strategic Energy Technology (SET) Plan. EERA coordinates its activities through 18 Joint Programmes (JP) that provide world-leading scientific expertise on three pillars: low-carbon technologies, materials, and systems' topics. The mission for EERA JP Wind is to provide strategic leadership for medium to long-term research and to support the European wind energy industry and societal stakeholders. The joint programme brings together the major public research organisations in Europe with substantial research and innovation efforts in wind energy.	https://www.eera-wind.eu/about-us/what-is-eera-jp-wind.html	SINTEF (member of EERA and program coordinators) / CIRCE (GA)
23	EUREC	no end date	Association	EUREC is the voice of renewable energy research in Europe, representing European Research Centres active in renewable energy.	https://eurec.be/about/	CIRCE (GA), CNRS (both members)
24	EFFRA	no end date	Association	The European Factories of the Future Research Association (EFFRA) is a non-for-profit, industry-driven association promoting the development of new and innovative production technologies. EFFRA has been representing the private side of the manufacturing partnership with the EU Commission. Named under Horizon 2020, Factories of the Future to become Made in Europe nowadays under Horizon Europe.	https://www.effra.eu/	SINTEF, INSA
25	MEASNET	no end date	Association/Network	MEASNET, International Network of Wind Energy Measurement Institutes, is a non-profit organisation for accredited technical service providers engaged in the field of wind energy.	https://www.measnet.com/	CIRCE (GA)
26	Power Electronic Conversion Technology Annex PECTA	no end date	Network	The Power Electronic Conversion Technology Platform (PECTA) is one of four Platforms (EDNA, EMSA, SSL and PECTA) within the IEA 4E TCP (Technology Collaboration Program of Energy Efficient End-Use Equipment). The overall goal of PECTA includes collecting and analysing information about new wide band gap (WBG) based power electronic devices, coordinating internationally acceptable approaches that promote WBG-based power electronics and developing greater understanding and action amongst governments and policy makers.	https://www.iea-4e.org/pecta/about/	HITACHI, MQSEMI
27	Friends of Sustainable Grids	no end date	Association	Friends of Sustainable Grids is an international Brussels-based non-profit association with a vision for the future that will transform the way we look at energy grid infrastructure. The association focuses on two main pillars: Connecting Sustainable Grids and Energy Education. A pan-European all around inclusive energy infrastructure will secure the supply of a sustainable energy mix for Europe, thereby fostering economic welfare for European citizens and creating highly qualified jobs.	https://supergrid.brussels/	SUPERGRID
28	ELyT Global	no end date	Network	ELyT Global is an International Research Network (IRN) between Tohoku University, in Sendai (Japan) and Université de Lyon, in Lyon (France). Its goal is to become a network of excellence in Engineering of Materials and Systems, with the aim of answering currently challenging societal stakes.	https://www.elyt-lab.com/en/content/elyt-global	INSA
29	EBN	no end date	Network	EBN (European Business and Innovation Centre Network) is a not-for-profit that serves a pan-European, global community of people that use innovative business as a driver for regional (economic) development.	https://ebn.eu/about-ebn/	Q-PLAN
30	HVDC-WISE	2026	Horizon	HVDC-Wise project explores concepts and proposes solutions to foster the development of large HVDC based transmission grid infrastructures, able to bring benefits in terms of resilience and reliability to the existing electrical system and capable of integrating the forthcoming large amount of renewable energy.	https://cordis.europa.eu/project/id/101075424 https://hvdc-wise.eu/project-description/	SUPERGRID
31	PROSECCO	2028	Horizon	The EU-funded PROSECCO project aims to advance HVDC grid maturity. It focuses on innovation in grid protection and congestion management, using a vendor-neutral, model-based approach. The project features four demonstrators across the EU, developing DC protection relays, power flow controllers, and cost-effectiveness tools.	https://cordis.europa.eu/project/id/101160687 https://energynville.be/en/project/prosecco/	
32	IEEE Women In Engineering	no end date	Association	Connecting, supporting, and inspiring females worldwide, and facilitating their recruitment and retention in STEM fields. IEEE WIE actively encourages participation from all individuals, regardless of gender or background.	IEEE Women In Engineering IEEE WIE	



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