Flexible Remanufacturing using AI and Advanced Robotics for Circular Value Chains in EU Industry

Grant agreement nº: 101138415

Call identifier: HORIZON-CL4-2023-TWIN-TRANSITION-01-04
Factory-level and value chain approaches for remanufacturing
(Made in Europe Partnership) (IA)

D7.1: Dissemination, Communication & Networking activities plan

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Version	Date	Comment
1.0	22-04-2024	Outline shared by EITM SE
2.0	07-06-2024	Draft version shared by EITM SE for internal review
3.0	26-06-2024	Final Version

Disclaimer

Executive Summary

This deliverable provides a comprehensive overview of the communication and dissemination strategies employed by RENÉE EU funded project. Communication, being a key aspect of project success, is approached systematically. The aim is to effectively disseminate information about the project updates, its contextual relevance, and outcomes to specialized stakeholders and the public. The presented dissemination and communication strategy is designed to enhance awareness about the project, its alignment with societal challenges, and the advantages of collaborative research and funding. Furthermore, these communication efforts synergistically support dissemination, exploitation, and networking activities. Similarly, in the context of a Research and Innovation Action, such as the project RENÉE, which receives funding through the European Framework Programme under grant agreement nº 101138415, the effective communication of findings and the management of Intellectual Property Rights (IPR) hold pivotal significance throughout and beyond the duration of the project. Dissemination serves as a crucial mechanism for sharing outcomes with prospective stakeholders, emphasizing the need to balance openness with safeguarding the potential for commercial utilization by project collaborators. Effective academic and industrial dissemination play a crucial role in European research and innovation funding. The aim is to convert the outcomes of publicly funded research and development endeavors, encompassing inventions, novel products and services, new insights, technology, and processes, as well as non-technological and social innovations, into tangible economic and societal advantages. This strategy seeks to optimize the project's overall impact on society.

The project consortium and each participant individually, is dedicated to transparently sharing project objectives, concepts, and findings with diverse audiences, including research communities, industry stakeholders, EU policymakers, and members of civil society. This commitment extends unless there is a conflict with legitimate interests and the obligation to protect and exploit the project results.

From the project's inception, the RENÉE consortium has carefully planned the dissemination and communication methods and protocols. This plan aims to comprehensively address all aspects, commencing from project design and identity, extending to key dissemination endeavors. These include active participation in pertinent conferences, workshops, and fairs, accompanied by the presentation of scientific publications, speeches, and posters, as well as fostering connections with other projects and research initiatives.

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Abbreviations List

AI	Artificial Intelligence
D&C	Dissemination & Communication
EU	European Union
GA	Grant Agreement
GEP	Gender Equality Plan
H&S	Health and Safety
IC	Impact Center
ICT	Information and communication technology
IP	Intellectual Property
IPR	Intellectual Property Rights
KPIs	Key Performance Indicators
PC	Project Coordinator
R&D	Research and Development
SE	South East
UI	Iser Interface
UX	User Experience
WP	Work Package

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1 Introduction

In projects funded by European Union's Horizon Europe research and innovation program, fulfilling Dissemination and Communication (D&C) obligations is not just a contractual duty but also a key aspect with several advantages. For instance, it amplifies research visibility, enhancing the participating partners' reputations, and fosters comprehension among stakeholders regarding the project's significance within its broader context. Moreover, it enables partners to refine their standing within the scientific community, derive economic benefits, and potentially attract end-users for project outcomes. Beyond immediate benefits, such activities contribute to strengthening Europe's research and innovation landscape while facilitating the dissemination of knowledge for further development by others. Regarding project outcomes, the participants have to decide their plan of D&C activities. Typically, partners are already aware of anticipated results and their subsequent utilization by different stakeholders, thereby necessitating thoughtful deliberation on exploitation and dissemination strategies.

In line with the guidelines outlined by the European Commission [1], RENÉE adopts the following definitions for the terms "dissemination", and "communication":

- **Dissemination** refers to the sharing of research findings with various potential stakeholders, including peers within the research domain, industry professionals, industrial associations, other relevant commercial entities, and policymakers. This sharing of research outcomes contributes to the advancement of scientific knowledge within the broader community.
- **Communication** refers to the obligation of project beneficiaries to actively promote the project and its outcomes by delivering focused information to diverse audiences, encompassing the media and the public, in a strategic and impactful manner, often involving interactive engagement. This involves aspects such as:
    - Fostering transnational collaboration within a European consortium, showcasing how collaborative efforts result in greater outcomes than individual endeavors.
    - Scientific excellence.
    - Contributing to enhancing competitiveness and addressing societal challenges.

This document is a public deliverable that provides updates on the D&C activities until the end of the RENÉE EU funded project (GA 101138415).

1.1 Scope of the deliverable

This deliverable D7.1 (Plan for Dissemination, Exploitation, and Communication), outlines the strategy for communication, dissemination, and exploitation strategy and activities that will take place in RENÉE EU funded project. Introduction (Section 2) describes the document's primary objective and its scope. This deliverable is designed as a dynamic framework subject to periodic updates to accommodate evolving needs and emerging developments throughout the project's progression. While situated within WP7, "Exploitation, Communication, and Dissemination," this document will actively align with outcomes from other work packages.

Section 3 summarizes the Dissemination and Communication (D&C) means and tools to achieve effective D&C actions. Given the interconnection between these activities, they are presented together. Nonetheless, provisions are made to address each aspect separately when necessary. The responsibility for executing communication and dissemination activities lies with project partners, while EITM SE will oversee and propose additional strategies to facilitate effective communication and dissemination efforts targeting pertinent stakeholders. Regarding dissemination, partners have committed to adhering to specific regulations outlined in the Grant Agreement and Consortium Agreement, encompassing obligations to disseminate results and protect intellectual property. Partners intending to disseminate results must seek prior approval at least 15 days before the planned activity.

The main objectives of the communication and dissemination activities include:

- To enhance project visibility by providing information regarding project objectives, expected impacts, and activities.
- To contribute to the efficient distribution of the project's outcomes.
- To establish cooperation and networking activities with the key stakeholders most pertinent to the project.

Section 4 of this deliverable, Dissemination and Communication Plan, outlines the strategies and methods intended for communication and dissemination activities. Following the establishment of the brand identity, the document elaborates on primary activities and metrics for both offline and online D&C activities. Collaboration with related projects through clustering activities is planned, with an additional aim to foster cooperation among these projects.

The remainder of the deliverable is structured as follows. Section 5 outlines the D&C opportunities and the suggested scientific conferences, manufacturing and industrial fairs and workshops as well as the scientific journals and manufacturing magazines to submit publications and articles acknowledging the project. Next, Section 6 presents the Individual D&C plan of each participant and Section 7 outlines guidelines by WP leader (EITM SE) relevant to dissemination activities monitoring. Section 8 summarizes guidelines by WP leader regarding communication activities in social media. Finally, networking activities and clustering events play an important role in fostering collaboration and knowledge exchange both at the national and EU levels (Section 9). These events serve as platforms for stakeholders to connect, share insights, and explore synergies with related projects. To ensure the effectiveness of our dissemination and communication efforts, templates by WP7 leader have been prepared to monitor actions and assess their impact. This monitoring allows us to refine our strategies, optimize resource allocation, and maximize outreach. Additionally, during the first six months of the project, visits to end users' facilities were organized. These visits are described in Section 10 and provide valuable opportunities to gather feedback, understand user needs, and tailor the developments and the solutions accordingly.

The plan described in this Deliverable (D7.1) will be enriched and upgraded as the project evolves.

1.2 Relation with other deliverables

This deliverable D7.1 is part of the activities to be developed and reported within WP7 “Dissemination, Exploitation, standardization, and networking activities”. D7.1 is also linked to the deliverables D7.3, D7.5, and D7.7 described within WP7. Additionally, this document sets the objectives and scope for the activities to be performed in the tasks of WP7. More specifically, results to be shared with interested stakeholders will be coming mainly from WP2 “Industrial pilots for remanufacturing”, WP3 “Circular value chains configuration toolbox”, WP5 “Robot skills & flexible production modules for remanufacturing” and WP6 “Upskilling & reskilling the workforce for remanufacturing”. Confidentiality issues and IPR will be assessed before publishing anything related to the results achieved in RENÉE.

1.3 Structure of deliverable

The deliverable D7.1 begins with necessary sections including document history, disclaimer, table of contents, list of figures, and list of tables. This is followed by an executive summary D&C (Section 1) and introduction detailing the scope, relation with other deliverables, and the structure of the document (Section 2). The main body of the deliverable includes D&C means, including project logo, website, social media, and communication materials. A comprehensive D&C plan is outlined, along with opportunities for engagement such as conferences and scientific publications. Individual dissemination plans for project partners are specified. Guidelines for dissemination procedure and communication activities, including social media use, are provided. Networking activities and clustering events with EU and national initiatives are discussed, followed by monitoring of dissemination and communication actions. Finally, the document concludes with key findings and an abbreviations list, with additional annexes and references for further information.

2 Dissemination & Communication Means

2.1 Project Logo

The project logo (Figure 1) serves as the primary method of dissemination and has significant importance in D&C activities as it serves as the principal identifier of the project. It incorporates the project's name along with its key components, namely the stage of design for remanufacturing, in terms of a disassembled industrial component like a gear. It is recommended that all dissemination materials incorporate the project logo whenever feasible. However, the use of the logo on photographic backgrounds should be avoided. Each partner is responsible for ensuring that the logo always maintains clarity and legibility.

Figure 1. RENÉE Logo

2.2 Project Website

The project website, established in the first month (M1) of the project, is now accessible to the public via the following link: https://renee-project.eu/ (Figure 2). The website is designed with a user-friendly interface and provides comprehensive information about the RENÉE project, including its concept, objectives, structure, and use cases that the final solution will be demonstrated. Moreover, the public web portal features details about the consortium, developed solutions, and various publicly available materials such as press releases, deliverables, publications, and more. Additionally, visitors can stay updated on project-related events and news. The website is strategically linked to major social media platforms (see Section 3.3) and several partner websites, facilitating the widespread dissemination of project activities, and extending outreach to potentially interested audiences beyond the project consortium.

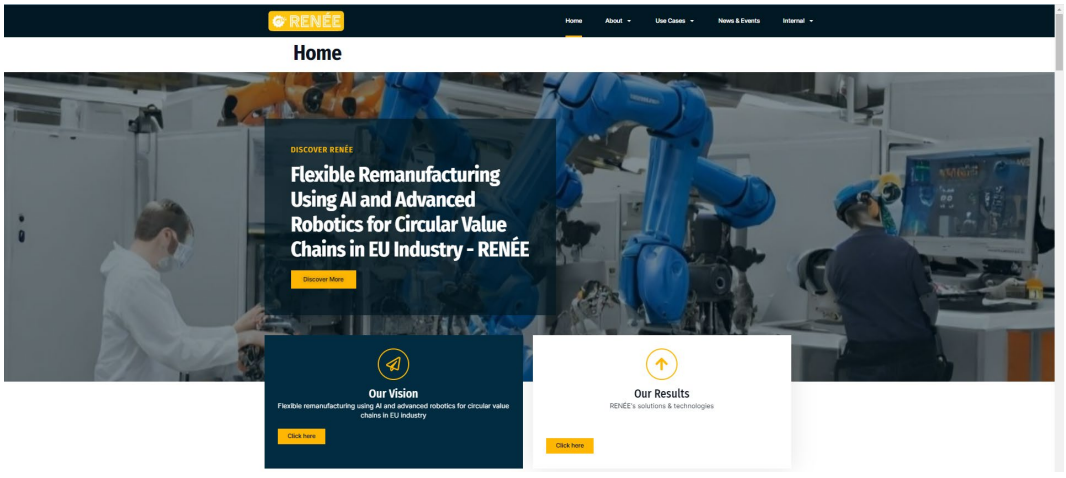

Figure 2. RENÉE website homepage

2.2.1 Website Sections

This deliverable provides a comprehensive breakdown of the various sections incorporated within the website. It includes key sections such as:

- **Home:** Serving as the digital front door, the Home section welcomes visitors and offers a snapshot of the website's essence and purpose. For example, in Figure 3 the description of RENÉE's remanufacturing workflow is presented.

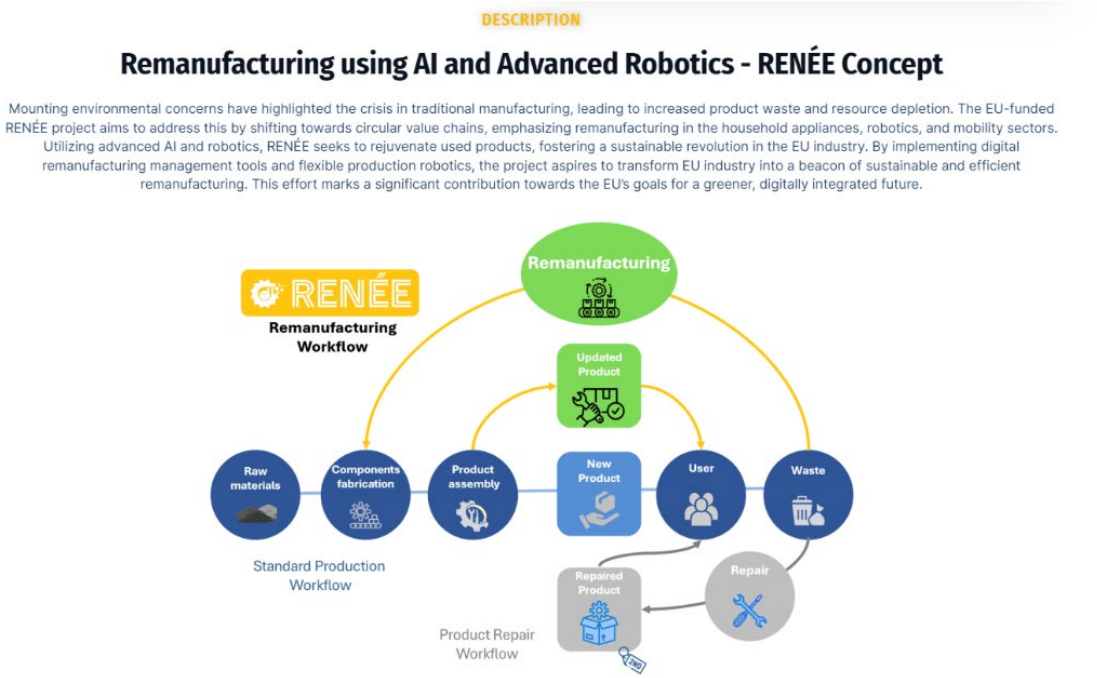

Figure 3. RENÉE's Home Page – Description

- **Project Factsheet:** The Project Factsheet section provides a concise overview of key information and essential details about the project's full name, Grant Agreement No, the Horizon Europe topic, the duration, the total budget, and the coordinator (Figure 4).

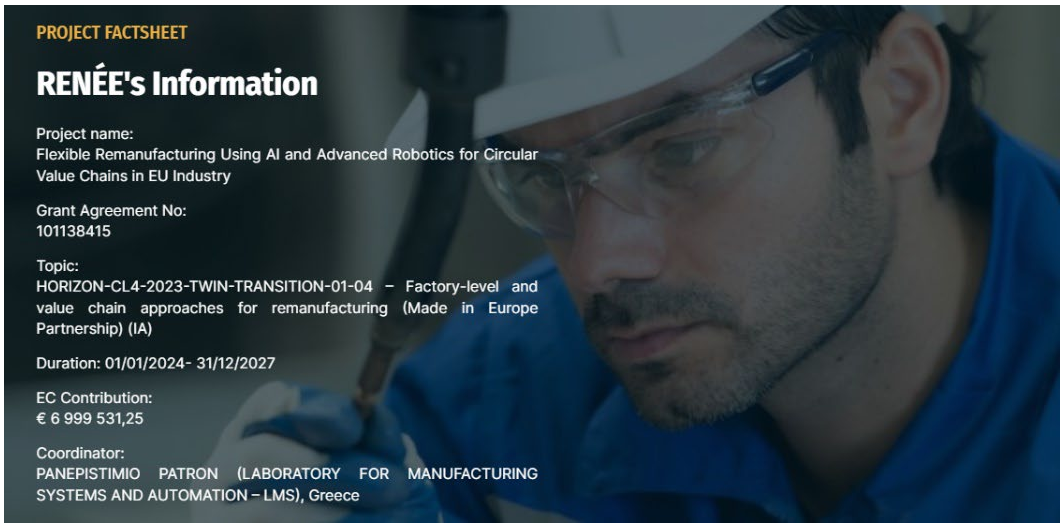

Figure 4. RENÉE's Factsheet

- **About:** This section includes key elements of the project, including its vision, objectives, consortium members, and the overall project structure (Figure 5). It provides to visitors a deeper understanding of the initiative's mission and its organizational framework.

Figure 5. Overall project structure.

- **Use Cases:** This section will include the practical applications and real-world scenarios where the project's solutions can be implemented. This section offers insights into the project's functionality and relevance within diverse contexts (Figure 6).

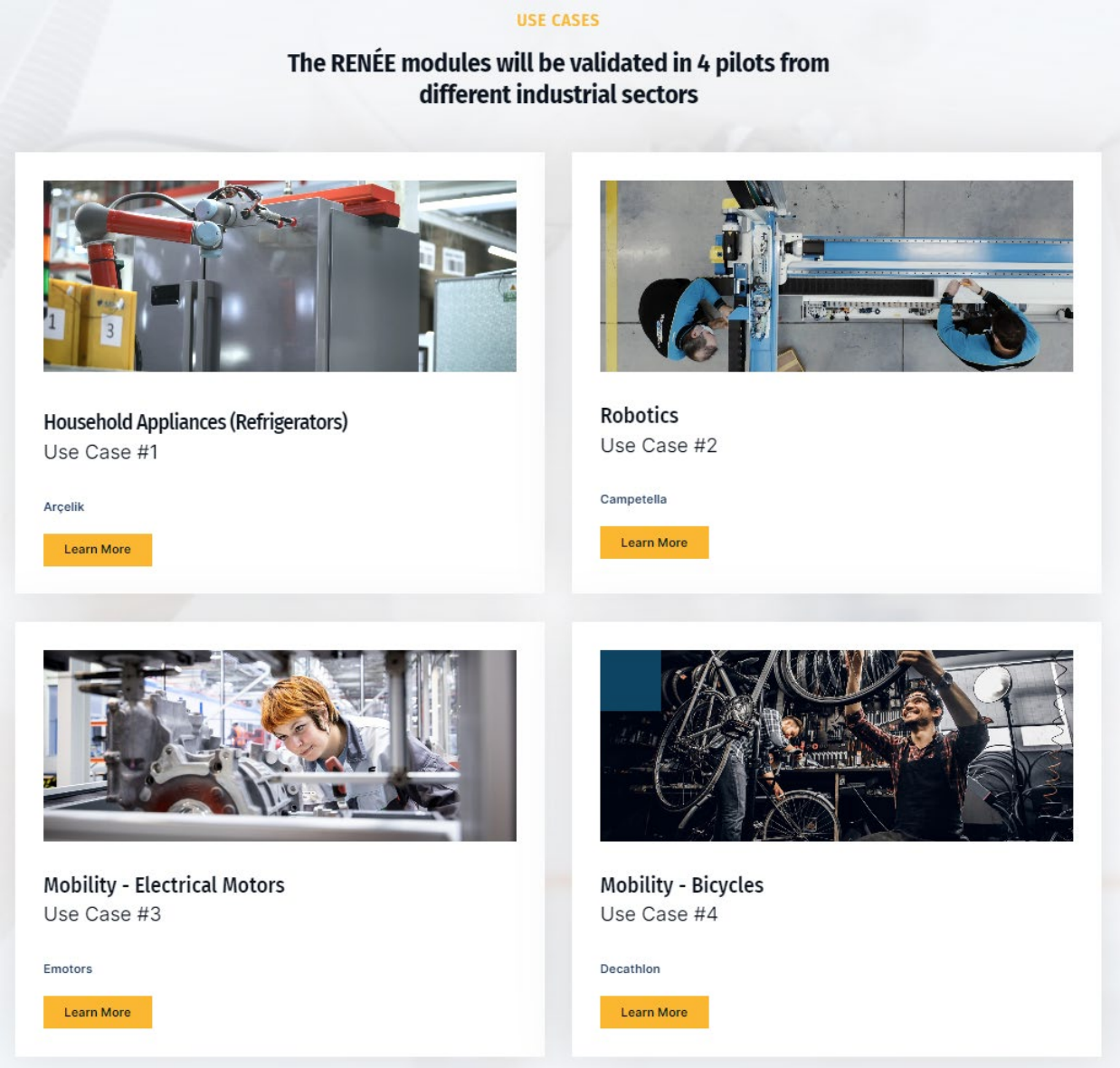

Figure 6. RENÉE's Factsheet

- **News:** Keeping stakeholders informed about the latest developments, this section serves as a dynamic platform for sharing project updates, announcements, and upcoming events. It fosters engagement and cultivates a sense of community among visitors (Figure 7).

LABORATORY FOR MANUFACTURING SYSTEMS AND AUTOMATION (LMS) DISSEMINATES RENÉE AT EUROPEAN ROBOTICS FORUM 2024

Christos Gkournelos, Project Coordinator from Laboratory for Manufacturing Systems and Automation introduced the EU funded project" Flexible Remanufacturing using AI and Advanced Robotics for circular value chains in EU Industry – RENÉE" at the European Robotics Forum (ERF 2024), hosted in Rimini (Italy) on March 12 and 13.

RENÉE EU Project shone in workshops on **Flexible Materials handling and Remanufacturing** (March 13) and the **REMANUFACTURING: Sustainable trade-off between nature and industry** (March 14), highlighting the critical balance remanufacturing strikes between environmental stewardship and industrial progress.

The meeting was attended by many visitors from industry and research. The focus was on "Classic" Workshops (WS), based on proposals by the community. New additions to the classical format included:

- Insight sessions: These sessions are designed as follow-ups to classical workshops, aiming to provide scientific depth to topics discussed.
- Industrial Scientific Sessions: ERF2024 introduced an industrial scientific track to enhance the scientific aspect of the event showcasing the latest scientific findings relevant to advanced industrial applications of modern robotics.

EIT MANUFACTURING CLC SOUTH DISSEMINATES RENÉE AT WORLD REMANUFACTURING SUMMIT 2024

During March 12-13, RENÉE EU funded project was disseminated as part of the World Remanufacturing Summit 2024 conference held in Milan (Italy).

The WRS 2024 focused on key topics including Digital Product Passport (DPP), Zero Defect Remanufacturing, Emerging Technologies, and AI.

The scope of the WRS 2024 was to bridge scientific and industrial communities, to encourage dialogue with public institutions and clusters and to promote circular business models through inclusive discussions.

EIT Manufacturing CLC South East, partner responsible for the Exploitation, Dissemination and Communication of the innovative results of **RENÉE** project, presented the project scope and objectives and participated to networking activities with relevant EU funded projects.

KICK-OFF MEETING

The official Kick-off Meeting (KoM) for RENÉE EU funded project was held on **January 23rd and 24th, 2024.**

The **Laboratory for Manufacturing Systems and Automation (LMS)**, the project coordinator, organized and hosted the KoM at the Conference and Culture Center of the University of Patras.

Oliver Loran, Project Officer at the European Commission, and representatives from all partners (29 on-site and 5 via MS Teams) participated in the KoM.

The consortium of RENÉE EU funded project consists of 16 partners from 9 countries. We are proud to introduce our consortium partners:

1. Laboratory for Manufacturing Systems and Automation (**LMS**)
2. Fundacion Tecnalia Research & Innovation (**TECNALIA**)
3. Commissariat à l'énergie atomique et aux énergies alternatives (**CEA**)
4. Teknologisk Institut (**DTI**)
5. Fondazione Istituto Italiano Di Tecnologia (**IIT**)
6. Technische Universiteit Eindhoven (**TU/e**)
7. INESC TEC – Instituto De Engenharlade Sistemas E Computadores, Tecnologia E Ciencia (**INESC**)
8. Teaching Factory Competence Center (**TF-CC**)
9. COMAU SPA (**COMAU**)
10. Netcompany-Intrasoft SA (**INTRA**)
11. EIT Manufacturing South East (**EIT-M SE**)
12. STAM SRL (**STAM**)
13. Nidec PSA EMotors (**EMOTORS**)
14. Campetella Robotic Center SRL (**CRC**)
15. Decathlon Produzione Italia SRL (**DEC**), and
16. ARCELIK A.S. (**ARCELIK**).

The meeting was opened by **Dr. Sotiris Makris**, Head of Robotics, Automation and Virtual Reality in Manufacturing at LMS, and chaired by **Mr. Christos Gkournelos**, responsible for the coordination of the RENÉE project.

The first day of the KoM mainly focused on giving an **overview of the project and planning** (WP1). Each Work Package (WP) of the project was then presented by its respective leader, with a focus on **industrial pilots** and **use cases for remanufacturing** (WP2). On the second day, presentations covered topics such as **circular value chains optimization toolbox** (WP3), **digital infrastructure for remanufacturing management** (WP4), **robot skills, and flexible production modules** (WP5), as well as **upskilling** and **reskilling** initiatives for the workforce to improve efficiency and sustainability in remanufacturing processes (WP6). Finally, WP7 summarized the **Dissemination, Exploitation,** and **Networking activities** planned for the project.

During discussion, critical points were addressed to ensure a thorough understanding of the project's scope and **technical requirements.** This included **defining four industrial use cases** in detail, promoting **collaboration** between end users and technology providers, and discussing the selection of **technologies** and **interoperability standards** essential for seamless integration throughout the project's lifecycle.

A highlight of the event was a visit to **LMS premises**, where partners had the opportunity to see and try pilot cases developed in previous research projects, such as Human-Robot Collaboration (HRC), Process Quality Monitoring, Hybrid Manufacturing Processes, and Virtual Reality (VR). Additionally, partners **virtually** connected with TF-CC facilities and experienced a **hybrid demo**.

Finally, at the end of the meeting, a list of conclusions, action items, and next steps were presented by the project coordinator.

The first KoM was very constructive and well-organized. After those two content-rich days, all participants left, being inspired, informed, and full of motivation to achieve the objectives of the project.

Figure 7. RENÉE's News Page

- **Portal for Internal Communication:** Designed exclusively for project partners, this section offers privileged access to resources, collaboration tools, and pertinent information. It facilitates seamless communication and collaboration among stakeholders, enhancing project efficiency (Figure 8).

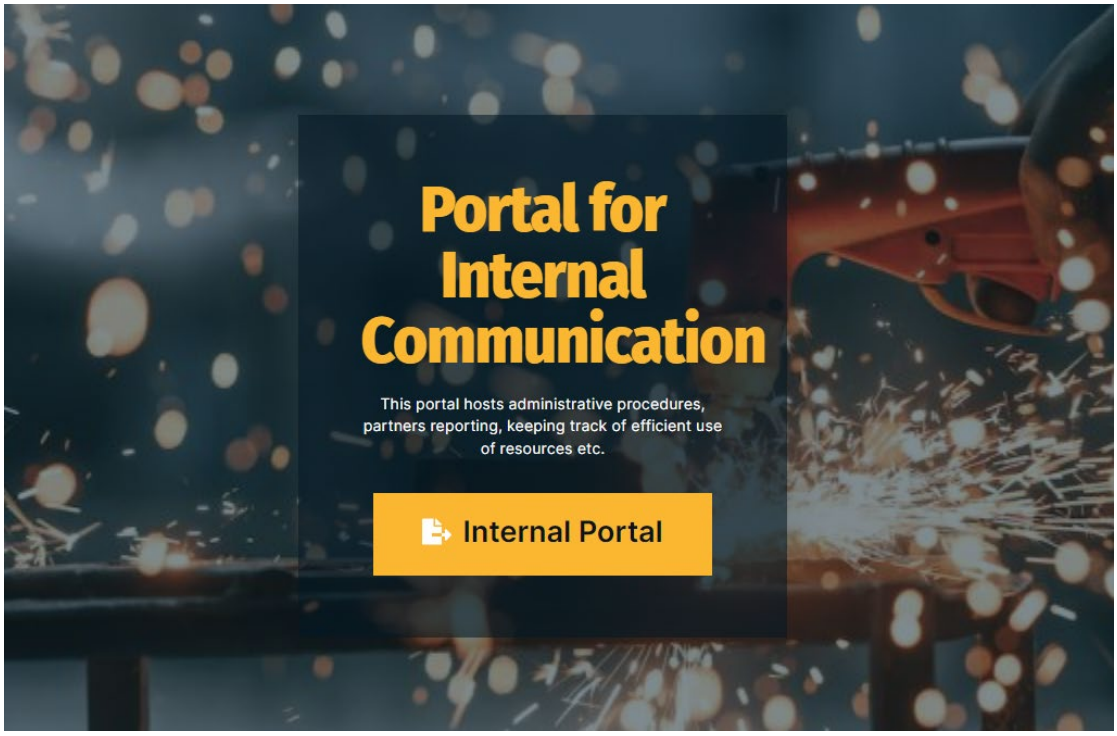

Figure 8. RENÉE's Portal for Internal Communication

- **Contact Us:** This section provides visitors with channels to connect with the project team, seek assistance, or express inquiries. It ensures accessibility and fosters a conducive environment for communication (Figure 9).

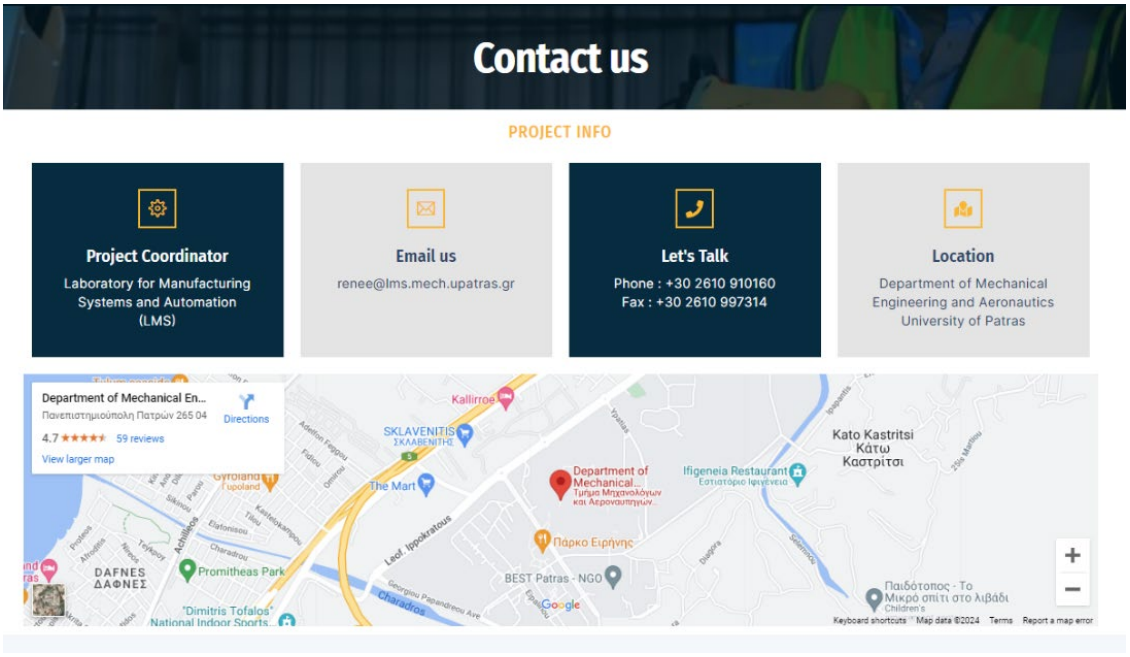

Figure 9. RENÉE's Portal for Internal Communication

2.2.2 Purpose and Objectives

The project website has been designed to achieve the following purpose and objectives:

- Introduce RENÉE to External Stakeholders: The website serves as a platform to present RENÉE to external parties, offering a clear overview of its innovative solutions and overarching mission.
- Detailed Project Objectives and Structure: The website outlines the main objectives and structure of the project.
- Highlight Consortium Partners: Recognizing the collaborative effort behind RENÉE, the website showcases the diverse partners involved in the project's consortium, emphasizing their contributions to project success.
- Facilitate Stakeholder Engagement: To encourage interaction, the website includes links to various communication channels such as LinkedIn, allowing stakeholders to stay connected and informed.
- Provide Updates and Document Access: Acting as a central hub of information, the website offers timely updates on project progress and allows visitors to easily access and download public documents and deliverables.

2.2.3 Features and Functionality

One interesting feature of the project website is its seamless integration with LinkedIn, enabling near real-time dissemination of project updates. Through the installed plug-in, the administrator can directly link LinkedIn posts to the website, facilitating immediate sharing of project actions and developments with a broader audience. This feature enhances visibility and engagement, ensuring stakeholders stay informed and connected with the project's latest activities effortlessly.

Another important feature of the project website is its interactive "Use Cases" section. Visitors can explore practical applications of the project's solutions through engaging multimedia presentations and case studies. This experience allows stakeholders to identify the real-world impact of the project and fosters a deeper understanding of its potential across various contexts.

2.2.4 Design and User Experience (UX)

The project website, built with WordPress, boasts a user-friendly UX/UI design customized for seamless navigation and accessibility. Its intuitive layout ensures visitors can effortlessly explore content and engage with key features. With clear menus and responsive design, users can access information across devices with ease. The streamlined interface of the project website prioritizes user experience, offering quick load times and visually appealing aesthetics. Through WordPress's versatile platform, the website delivers a professional online presence, enhancing engagement and leaving a nice impression on visitors.

2.3 Project Social Media

RENÉE has established profiles on major social networks to engage with a broad spectrum of project stakeholders. This initiative aims to maximize outreach and ensure accessibility to diverse audiences invested in the project. RENÉE's social media presence has been established on:

- LinkedIn: widespread in professional communities.
- Facebook: widespread among final users
- X (Twitter): ease of use, ability to reach multipliers
- YouTube: will be used to upload project conceptual videos, demos and end user introduction videos

Table 1 lists the URLs of the RENEE's instances on the social media platforms, and shows which partner is responsible for operating them.

Table 1. RENÉE's means of D&C with corresponding URL and responsible partner

Means of D&C	URL	Responsible
Website	https://renee-project.eu/	EIT M SE
LinkedIn	https://www.linkedin.com/company/ren%C3%A9eeuproject/?viewAsMember=true	EIT M SE
Facebook	https://www.facebook.com/profile.php?id=61556142621965	EIT M SE
X (Twitter)	https://twitter.com/i/flow/login?redirect_after_login=%2FReneeProject24	EIT M SE
YouTube	https://www.youtube.com/channel/UCVI5WIkwVmMe6pPMii8eepw	EIT M SE
Zenodo	https://zenodo.org/communities/renee-eu/records?q=&l=list&p=1&s=10&sort=newest	LMS

2.3.1 LinkedIn

RENÉE's LinkedIn profile (Figure 10) page can be found at the following link.

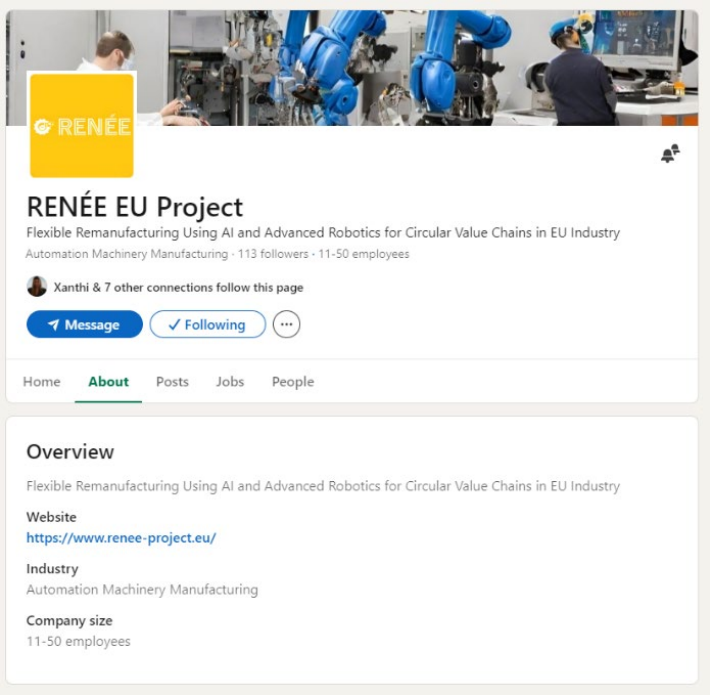

Figure 10. RENÉE LinkedIn profile page

2.3.2 Facebook

RENÉE's Facebook profile (Figure 11) page can be found at the following link.

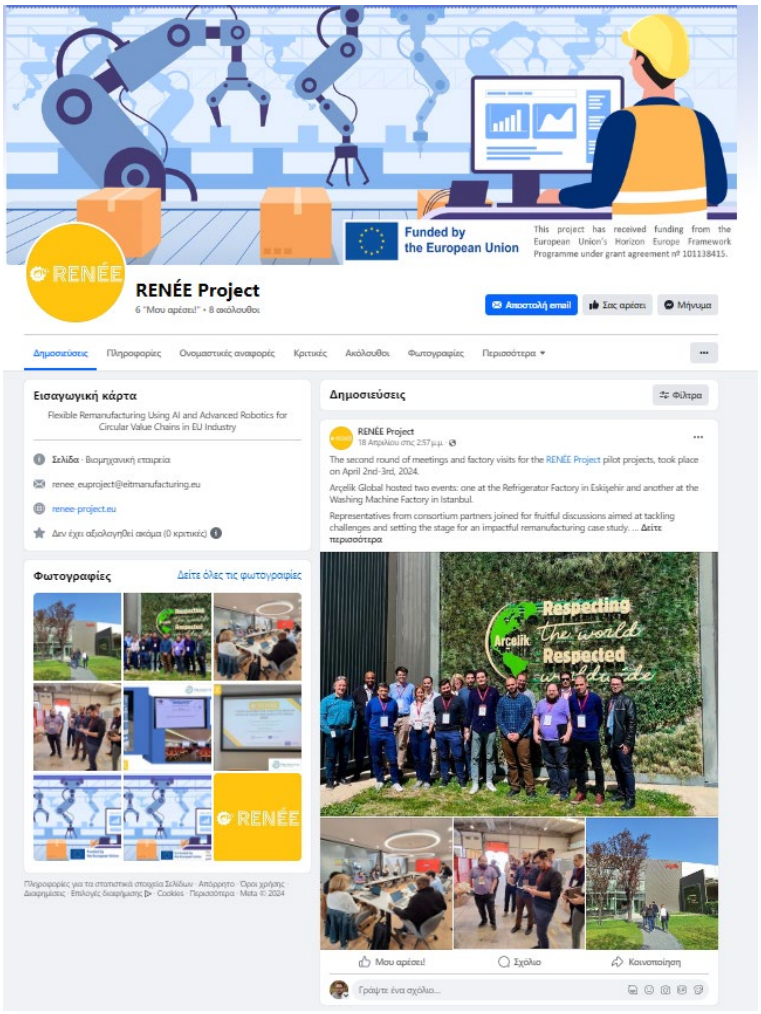

Figure 11. RENÉE Facebook profile page

2.3.3 YouTube

RENÉE's YouTube profile (Figure 12) page can be found at the following link.

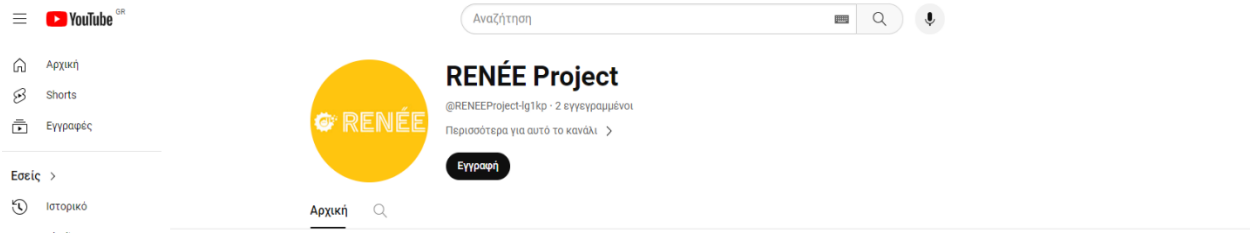

Figure 12. RENÉE YouTube profile page

2.3.4 X (Twitter)

RENÉE's X profile (Figure 13) page can be found at the following link.

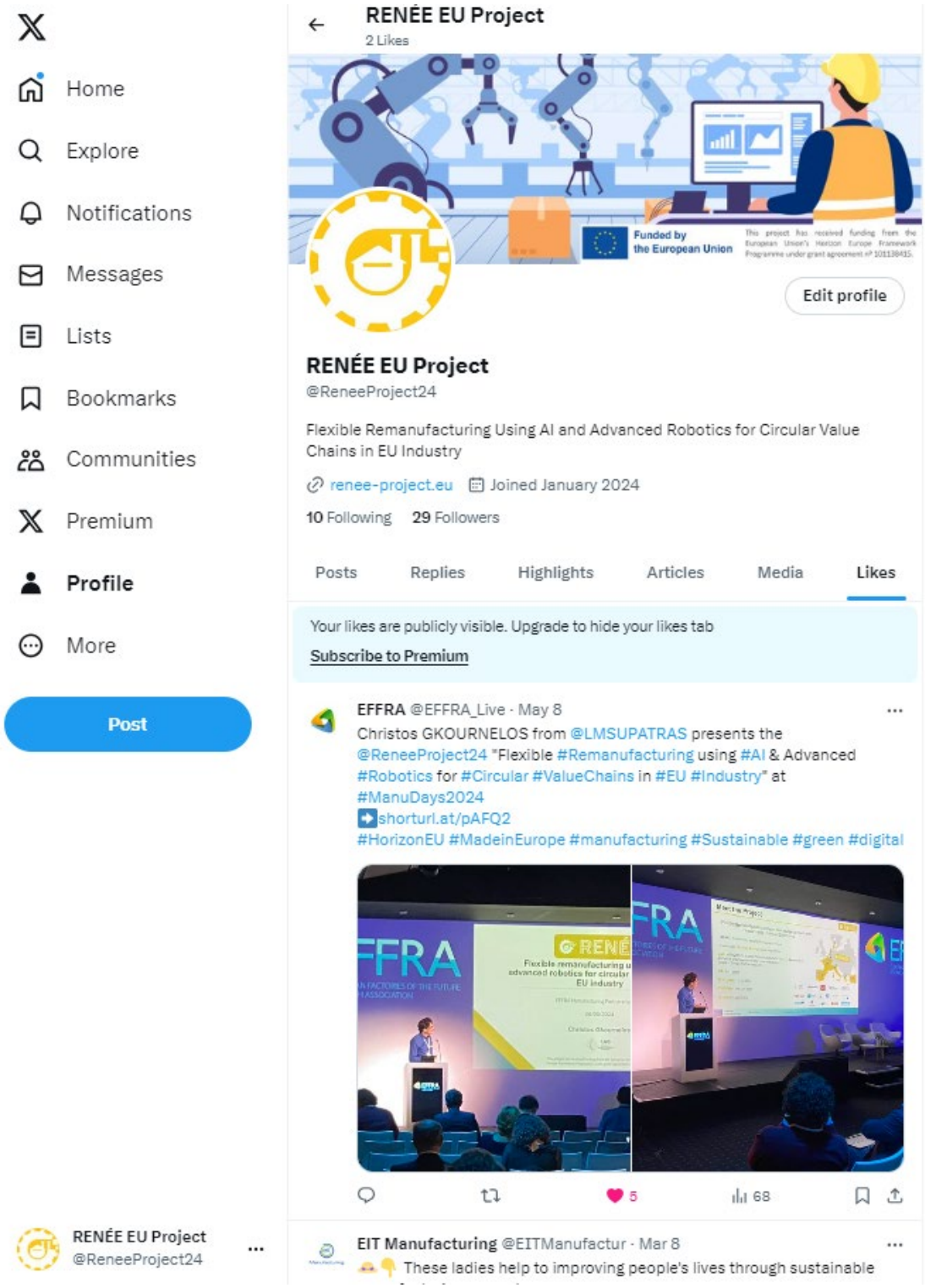

Figure 13. RENÉE X profile page

2.4 Dissemination & Communication Material

2.4.1 Project Press Releases

The newsletter issues will be produced and published to the project portal and the social networks, reporting, and advertising the developments and activities the project had within each of the 12-months period.

2.4.2 Project News on Website

This section serves as a dynamic hub for disseminating timely updates and announcements regarding the project's progress and milestones. Here, visitors can stay informed about the latest developments through a feed of news articles, press releases, and project-related updates. This section provides a centralized platform for stakeholders to access pertinent information, enhancing transparency and engagement within the project community. Whether highlighting achievements, sharing insights, or announcing upcoming events, the "Project News on Website" section aims to keep stakeholders updated on significant developments, enhancing communication and collaboration throughout the project lifecycle.

2.5 Templates

These templates provide standardized formats for essential documents and reports, ensuring clarity and uniformity in project communications. From presentation templates, to brochures, and to meeting reports, RENÉE's templates facilitate smooth collaboration and help streamline workflow processes.

2.5.1 Presentation

The project coordinator (LMS) created a presentation template, which has been distributed to partners for various purposes, such as internal meetings and external dissemination events. This template includes the project logo and adheres to a standardized format (refer to Figure 14).

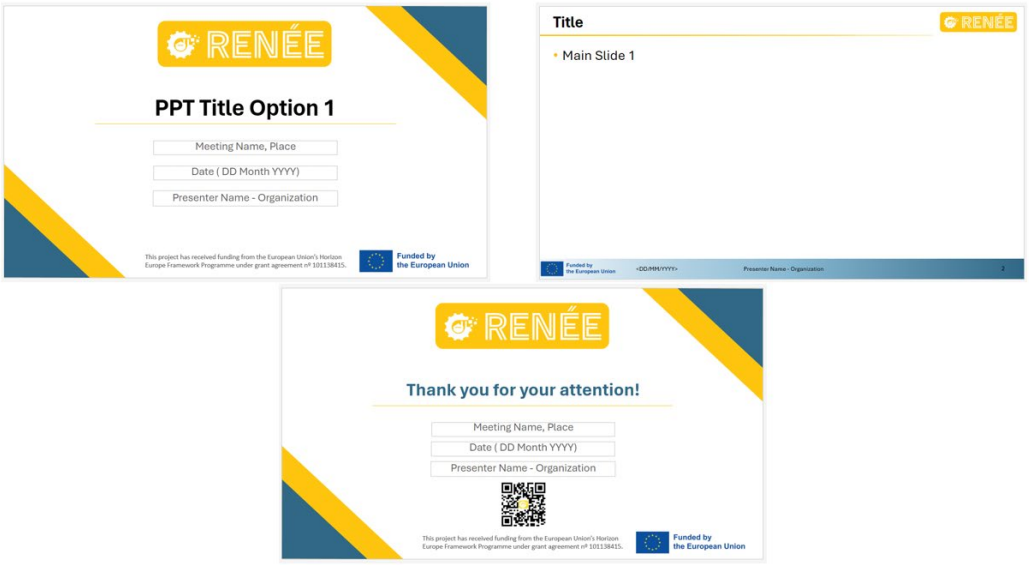

Figure 14. RENÉE presentation template cover, main and final slide

2.5.2 Minutes of Meeting

The project coordinator (LMS) has created a word template, which has been distributed to partners for monitoring meeting participants, notes, and next steps. This template includes the project logo and adheres to a standardized format (refer to Figure 15).

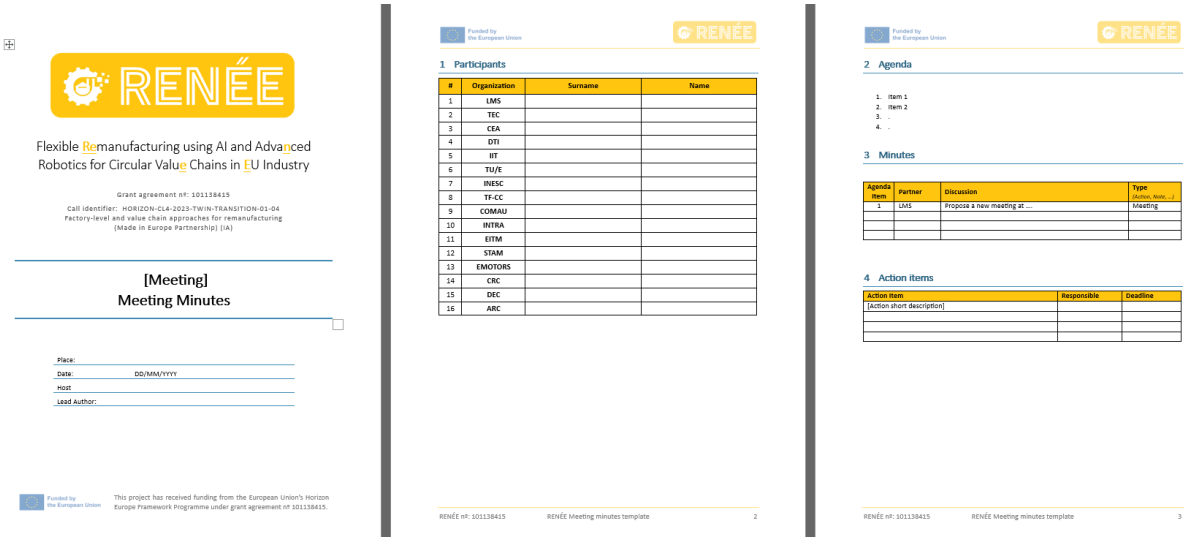

Figure 15. RENÉE Meeting Minutes template

2.5.3 Rollup Banner

The dissemination, communication, and exploitation leader (EITM SE) in collaboration with the project coordinator (LMS) created the first version of the rollup banner (Figure 16), which has been distributed to partners for disseminating the RENÉE project to manufacturing events, industrial fairs, conferences, workshops, and any other kind of scientific event that each partner can promote and disseminate the project.

Figure 16. RENÉE Rollup Banner – version 1

2.5.4 Poster

Similarly, a poster (see Figure 17) has been created by EITM SE and LMS depicting the key objectives, developments, and pilot cases of the project. This document is RENÉE's public material and will be regularly used by consortium partners in all the dissemination activities such as participation in fairs, conferences etc.

Figure 17. RENÉE Poster – version 1

2.5.5 Brochure

In addition to this, a flyer brochure (see Figure 18) has been created by EITM SE and LMS depicting the key objectives, developments, and pilot cases of the project. This document is RENÉE's public material and will be regularly used by consortium partners in all the dissemination activities such as participation in fairs, conferences etc.

Figure 18. RENÉE Brochure – version 1

2.6 Project Videos

During the last period of the project, a final video will be created for each pilot case. The main part of this video will be recorded at the partners' premises where the project's physical pilots will be set up and demonstrated. In this video, the main developments will be demonstrated and explained with narration and on-screen callout messages, while the steps of each scenario will run. The aim of these final videos is to present tangible outcomes from the project, demonstrating in most technologies a proof of concept that can be used in two big industrial sectors. The focus will be given to creating videos that can address all types of audiences, both industrial and academic as well as people that are not actively involved in the robotics and/or manufacturing communities or coming from different research fields.

3 Dissemination & Communication Plan

3.1 Dissemination Strategy

The RENÉE Consortium is dedicated to achieving several key dissemination and communication objectives to maximize the impact of its work. Primarily, it aims to effectively promote the project and its results to diverse target groups and audiences at both national and European levels. This involves establishing robust links and liaisons with international organizations, such as "The International Academy for Production Engineering" (CIRP) and European Institute of Innovation and Technology (EIT) and engaging other interested stakeholders to ensure wider dissemination of the project's findings. Additionally, the Consortium seeks to create synergies with other relevant projects and initiatives, fostering a collaborative environment that enhances overall outcomes. Another crucial objective is to validate the project's results by obtaining feedback from expert groups, scientists, and interested user communities, ensuring that the outcomes are not only credible but also beneficial to the wider scientific and user communities. The dissemination strategy of the RENÉE is divided into four distinct phases, each targeting specific objectives and audiences (Figure 19). The first phase, **Awareness**, spans from months 1 to 6 (M01-M06) and involves partners such as EIT-M SE, LMS, TF-CC, INTRA, and INESC TEC. During this phase, the focus is on introducing the project through the RENÉE website, social media, press releases, project workshops, brochures, posters, and partners' websites. The second phase, **Promotion**, runs from months 7 to 18 (M07-M18) and includes a broader group of partners. This phase aims to disseminate technical articles, event news, scientific articles, and presentations at conferences, seminars, EU exhibitions, and other events, supported by newsletters, flyers, and posters. The third phase, **Action**, from months 19 to 36 (M19-M36), is more practical, featuring visual material from demonstrators, demos tailored to industrial requirements, and workshops in end-user facilities. Lastly, the **Outlook Beyond** phase occurs post-project and involves technology providers, system integrators, and end users. This final phase focuses on continued engagement through the RENÉE website, demo videos and articles, partners' sites, newsletters, and representation in industrial fairs and academic events, ensuring the project's long-term impact and sustainability.

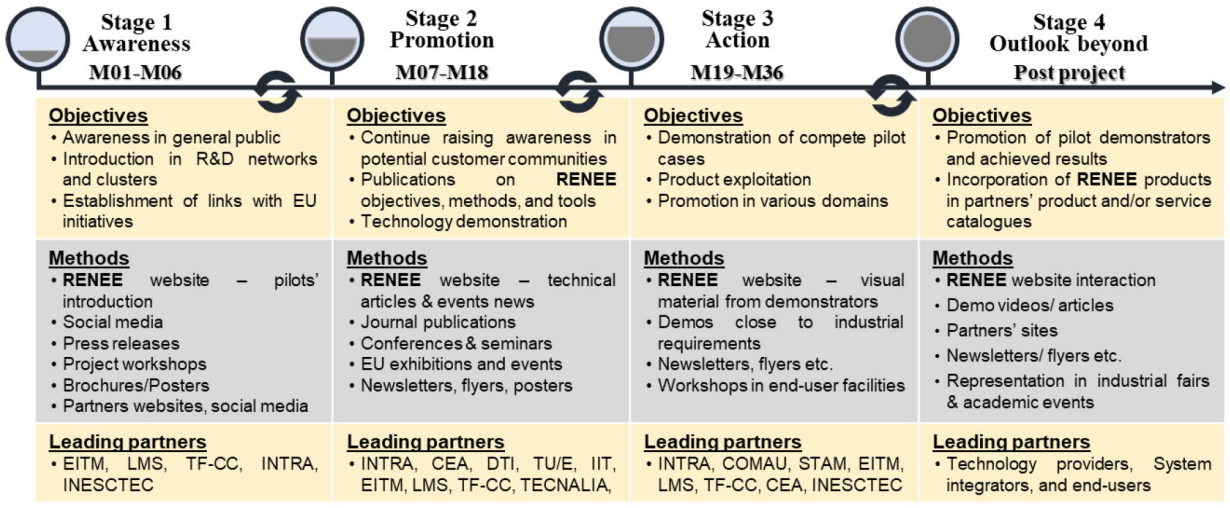

Figure 19. RENÉE's dissemination strategy

RENÉE Consortium's dissemination strategy is tailored to the specific roles and strengths of the partner types (Academia, R&D, End User, Technology provider and Robot Provider) as described in Table 2.

R&D and academic organizations: the focus is on engaging both EU and international scientific and industrial communities to enhance awareness about the project, particularly in the field of remanufacturing. This involves generating new research lines, developing training programs and educational materials, and actively involving research groups and communication departments in dissemination activities.

End users: the strategy aims to bridge the gap between science, practice, and society by organizing targeted stakeholder workshops to facilitate public acceptance and presenting improved products to engage stakeholders. This approach helps end users extend their client portfolio, strengthen existing links, and enrich their product and service catalogues with RENÉE's project results.

Technology providers: will leverage their extensive networks to maximize dissemination impact through meetings, workshops, and conferences, thus establishing valuable contacts across diverse thematic areas of RENÉE.

Robot provider: will focus on presenting improved products to engage specific stakeholders and end users, extending their client portfolio, and strengthening existing relationships to ensure widespread adoption and impact of the project's innovations.

Table 2. Proposed Dissemination strategy per Partner

Type of Partner	Dissemination Strategy
R&D / Academic Organization	• Engaging the EU (and also international) scientific and industrial communities to raise awareness about the project and contribute to knowledge generation and sharing in the state-of-the-art term of "Remanufacturing" • Generating new research lines and training programmes and education material • Involvement of research groups and communication departments in dissemination activities
End User	• Bridging the gap between science, practice and society by organising targeted stakeholder workshops to bring together stakeholders, industry, policy makers and citizens to facilitate public acceptance • Dissemination actions will be based on the presentation of improved products (in quality, economic, environmental and social terms) to engage specific stakeholders and end users • Extend their client portfolio and strengthen links with the already existing ones • Enrich their product & service catalogues with RENÉE's project results

Type of Partner	Dissemination Strategy
Technology Provider	• Engage their network of contacts to maximise their dissemination impact by using their wide partners network, benefiting from their experience/expertise in meetings, workshops, and conferences to establish contact and bound relations with target groups of the wide range of themes of RENÉE
Robot Provider	• Dissemination actions will be based on the presentation of improved products (in quality, economic, environmental and social terms) to engage specific stakeholders and end users • Extend their client portfolio and strengthen links with the already existing ones

3.2 EU Regulation for D&C Activities

In compliance with the EU requirements on dissemination of results, as set in Grant Agreement number 101138415, Article 17, any dissemination of results (in any form, including electronic), must display the EU emblem with appropriate prominence and include the following text as presented in Figure 20.

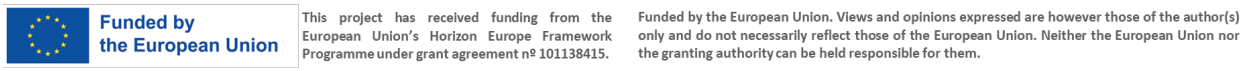

Figure 20. EU requirements on dissemination of results

3.3 Communication Activities and KPIs

RENÉE's project communication activities are designed with a strong industrial orientation, focusing on both dissemination and exploitation strategies. The primary goals are to attract the attention of stakeholders, including professionals, academics, and the public, and to gather feedback on the project's modules and key exploitable results to ensure alignment with market demands. The communication channels of RENÉE are crucial for gathering input on technical challenges from real industrial environments and identifying the needs for digital upskilling and reskilling of the workforce. Networking with relevant activities supported by the Digital Europe Programme, as well as clusters and communities addressing remanufacturing, will enhance the project's relevance to broader European needs and contribute to regulatory frameworks and future standardization. RENÉE's dissemination strategy provides a framework for spreading the project's concepts, ideas, and outcomes, ensuring a clear understanding of the new tools implemented. Activities will commence at the project's start, led by EITM SE with contributions from all partners. The dissemination and communication plan, due by month six (M6), outlines the roles, responsibilities, and conditions for knowledge dissemination, including confidentiality, intellectual property rights (IPR), and publication protocols. This plan will be continuously refined to align activities with key performance indicators (KPIs), with progress reports at M18, M36, and a final report at M48, detailing achievements and future outlooks.

As a result, RENÉE employs a detailed communication strategy to promote its objectives, disseminate information, and engage stakeholders. The key communication activities and their corresponding Key Performance Indicators (KPIs) are summarized in Table 3 and are listed as follows:

RENÉE Website:

- **Objective:** To promote the project by displaying key messages, objectives, technical articles, and visual materials on demonstrators and business results.
- **KPI:** Achieve an average of 20 users per month in the first year and 40 users per month by the project's end.

Social Media:

- **Objective:** To reach a broad target audience and establish two-way communication channels, enabling the direct diffusion of project news and information.
- **KPI:** Aggregate 400 followers across all social media profiles.

Dissemination Material:

- **Objective:** To provide gender-compliant and accessible visualization of project information and results through brochures, posters, and videos. The materials should be concise and easy to digest, including newsletters and web-based news outlets.
- **KPI:** Produce and distribute 5 videos, 5 brochures, 3 posters (at months 1, 18, and 36), and issue 6-monthly newsletters.

Participation at Relevant Events:

- **Objective:** To promote the project and notify potential stakeholders across Europe through relevant events.
- **KPI:** Participate in at least 6 events targeting EU audiences and conduct at least 3 workshops or sessions.

Publications (Technical and Non-Technical):

- **Objective:** To produce various materials to address different audiences, such as readers of scientific publications, technical documents, and other media.
- **KPI:** Publish 12 technical articles and 5 scientific papers.

These activities are designed to ensure broad dissemination, stakeholder engagement, and effective communication of the project's results and objectives.

Table 3. Communication Activities and KPIs

Communication Activities/Channels	Objective	KPI
RENÉE website	General promotion of the project thought website displaying key messages, project objective, technical articles, and visual material on demonstrators and business results.	20 average users per month in Year 1 40 average users per month by Project
Social media	Reaching a broad target audience and establishing two-ways communication channels. Enabling direct diffusion of project news/information.	400 followers aggregating all its social media profile
Dissemination Material	Gender compliant and accessible visualization of project information and results via brochures, posters, and videos. Concise and easy-to-digest newsletters, web-based news outlets.	5 videos 5 brochures 3 Posters (M1, M18, M36) 6-monthly newsletters
Participation at relevant events	General promotion of the project and notification of activities to potential users across Europe	At least 6 events in EU audience At least 3 workshops/ sessions
Publications (technical and nontechnical)	Variety of material to address the audiences of RENÉE e.g. readers of scientific publications, articles, technical documents, and other media.	12 technical articles 5 scientific papers.

3.4 Target Audience

The RENÉE Consortium's dissemination and communication strategy targets a diverse range of audiences to ensure the project's results are effectively disseminated and utilized as summarized in Table 4. The primary audiences include industries such as robotics, household equipment, bicycles, and electromobility, which involve stakeholders, end users, material providers, and industry associations. These groups are targeted for the commercial exploitation of project results and clustering via WP7. The ICT industry, including technology providers and associations, is another key audience, with aims to introduce new services in remanufacturing and enhance interoperability of ICT tools. The scientific audience, encompassing researchers at universities, R&D centers, and scientific societies, is engaged to enhance scientific knowledge and promote cooperation. Citizens and civil society are targeted to raise general awareness and social acceptance of the project's outcomes. Policymakers and funding bodies at local, national, and EU levels are provided with strong evidence to support new policies and initiatives in remanufacturing. Lastly, media, journalists, and other groups at the European level are included to improve the perception of the remanufacturing

industry and ensure wide dissemination of the project's results. Each audience receives tailored key messages, including main results, improved performance indicators, and available materials for communication purposes.

Table 4. Target Audience, Aim and Key Messages of RENÉE's D&C activities

Target Audience	Aim	Key Messages
Industries (Robotics, Household equipment, Bicycles, Electromobility) • Stakeholders and end users • Material providers • Industry associations and representatives	Final users of RENÉE's result Commercial exploitation Project involvement Clustering via WP7	Main results and experience from pilots Improved performance, social and environmental indicators Economic, investment & cost analysis
ICT Industry • Technology providers • Associations and representatives	New range of services in Remanufacturing Commercial exploitation Open and flexible methodologies for interoperability of ICT tools	Main results and experience reports from the pilots Available materials/services and knowledge generated
Scientific Audience • Researchers at universities • R&D centres • Scientific Societies/federations/ academies	Enhanced scientific knowledge R&D cooperation and promotion Clustering via WP7	Increase data available for research Main results shared in relevant EU projects
Citizens and civil society	General awareness Social acceptance	Community Engagement Strategies Social Awareness plan Local engagement plan
Policy makers and funding bodies (Government, Regulatory agencies) at **local, national and EU level**	Provide strong evidence to establish new policies, initiatives, and roadmaps for remanufacturing	Improved performance, Health & Safety (H&S), social and environmental indicators Raise awareness
Media, journalists, and other groups at European level	General awareness Improved perception of the remanufacturing industry	Improved performance, H&S, social and environmental indicators Available materials/services for communication purposes

3.5 Templates for D&C activities

Creating templates for dissemination and communication activities by the WP7 leader is essential to ensure consistency, clarity, and efficiency in delivering the project's key messages and visual identity across all channels and materials as well as to better list and monitor each D&C activity done by the partners. As such, the following templates/tables have been shared by EITM SE to all partners through the Internal Portal to list and briefly describe the D&C actions:

- Form for articles in scientific journals (Figure 21)
- Form for articles in industrial magazines (Figure 22)
- Form for participation to scientific conferences (Figure 23)
- Form for events, fairs & workshops (Figure 24)

To be filled before the Submission					To be filled after the Publication									
Partner leading the publication	Partner coleading the publication (if any)	Other partners involved	Type of document (Review / Case Study)	Type of Audience	Title of Publication	Publishing Platform	Indexed Publication?	If indexed, indicate the database	Impact Factor	DOI - Digital Object Identifier System	Number of Pages	Number of Authors	Abstract (Please copy & paste)	Link to Publication

Figure 21. Template form for articles in scientific journals

To be filled before the Submission						To be filled after the Publication					
Name of Magazine	Lead. Partner	Type	Country	Tentative Title of Planned Submission	Type of audience	Title of Article	Publication Date	No of Pages	Authors	Abstract	Link to the Article

Figure 22. Template form for articles in industrial magazines

To be filled before the Conference							To be filled only if the Conference has been attended					
Name of the Conference	Partner	Country	City	Start Date	End Date	Type of Audience	Title of Article	Presentation or Poster	Theme	Authors	Presenter	Number of Attendees (Estimation)

Figure 23. Template form for participation to scientific conferences

To be filled before the Event/Fair/Workshop							To be filled only if the Event/Fair/Workshop has been attended			
Name of the Conference	Partner	Country	City	Start Date	End Date	Type of Audience	Type of Participation (Booth, Stand, Poster)	Presentation	Presenter	Number of Attendees (Estimation)

Figure 24. Template form for events, fairs & workshops

4 Dissemination & Communication Opportunities

4.1 Conferences, Workshops, and Industrial Exhibitions

A cohesive visual identity and dissemination and communication plan has been established, incorporating a website (targeting approximately 1500 visitors), social media engagement (aiming for 400+ followers), newsletters, project videos, webinars, workshops, over 15 peer-reviewed research articles, conference presentations, press releases, and participation in industrial events and fairs. As such and despite the increasing prevalence of digital media, personal interactions, meetings, and discussions remain essential for sharing and exchanging professional experiences, as well as staying informed about developments from various organizations and research projects. Conferences, exhibitions, summits, fairs, and congresses offer excellent opportunities for experts to meet, share knowledge, and engage in valuable networking. EITM SE is responsible for coordinating attendance and presentations at relevant scientific and industrial conferences and congresses. Presentations will also be made available on the project's internal portal. Any RENÉE material that has not been explicitly declared "public" must be approved by the partners before being presented. The presentation of RENÉE topics at an event or conference requires prior approval from project management and consortium members. The provided list (Table 5) outlines a series of proposed events, fairs, and conferences relevant to the RENÉE project from 2024 to 2027. It includes key scientific and industrial gatherings where RENÉE will be represented through various forms of participation such as technical presentations, papers, booths, and panel discussions. These events span prominent venues worldwide, including CIRP Winter Meetings, European Robotics Forums, World Remanufacturing Summits, IEEE Conferences, and Hannover Messe. The objective is to disseminate project results, engage with stakeholders, network with projects under the same cluster, and gather feedback. The list will be continuously updated by EITM SE in collaboration with the partners to ensure comprehensive coverage and representation throughout the project's duration.

Table 5. List of relevant conferences, fairs, events and exhibitions for 2024-2027

Event	Date	Place	Link	Participant	Type of Event	Type of Participation
CIRP Winter Meetings	21-23 February 2024	Paris, France	Link	LMS	CIRP Meeting	Technical Presentation
European Robotics Forum 2024 (ERF2024) - Hybrid Production Systems Cluster	13-15 March 2024	Rimini, Italy	Link	LMS	Workshop/Forum	Presentation & Panel Discussion
World Remanufacturing Summit	12-13 March 2024	Milan, Italy	Link	EITM SE	Event	Presentation
1st Automation & Robotics Exhibition 2024	12-14 April 2024	Athens, Greece	Link	LMS, TF-CC, EITM SE	Exhibition	Booth
Manufacturing Partnership Days 2024 (EFFRA)	7-8 May 2024	Brussels, Italy	Link	LMS, EITM SE	Event	Booth & Presentation
Flexible Automation and Intelligent Manufacturing (FAIM)	23-26 June 2024	Taichung, Taiwan	Link	INESC	Conference	Paper & Presentation
CIRP General Assembly 2025	18-24 August 2024	Thessaloniki, Greece	TBA	LMS (TBC), EITM (TBC)	CIRP Meeting	Technical Presentation
2nd European Symposium on Artificial Intelligence in Manufacturing	16-October 2024	Athens, Greece	Link	TF-CC (Organizer)	Conference	Presentation/ Paper
IEEE International Conference on Intelligent Robots and Systems (IROS 2025)	19 – 25 October 2025	Hangzhou, China	TBA	TBA	TBA	TBA
CIRP Winter Meetings	TBA	Paris, France	TBA	LMS (TBC)	CIRP Meeting	Technical Presentation
European Robotics Forum 2025 (ERF2025)	TBA	Stuttgart, Germany	TBA	TBA	Workshop/Forum	TBA

Funded by the European Union

This project has received funding from the European Union's Horizon Europe Framework Programme under grant agreement nº 101138415.

Event	Date	Place	Link	Participant	Type of Event	Type of Participation
Hannover Messe 2025	31 March - 04 April 2025	Hannover, Germany	TBA	TBA	Exhibition	TBA
35th CIRP Design Conference	02-04 April 2025	Patras, Greece	TBA	LMS (Organizer)	Scientific Conference	Paper
32nd CIRP Conference on Life Cycle Engineering	07-09 April 2025	Manchester, UK	TBA	TBA	Scientific Conference	Paper
International Conference on Remanufacturing (*ICoR 2025)*	08-10 April 2025	Amsterdam, NL	Link	TBA	Scientific Conference	Paper
IEEE International Conference on Robotics and Automation (IEEE ICRA 2025)	17-23 May 2024	Atlanta, USA	Link	TBA	Scientific Conference	Paper
58th Conference on Manufacturing Systems (CMS 2025)	TBA	Twente, Netherlands	TBA	TBA	Scientific Conference	Paper
Automatica 2025	24-27 June 2024	Munich, Germany	Link	TBA	Fair	TBA
CIRP General Assembly 2025	17-23 August 2024	Stockholm, Sweden	TBA	LMS (TBC)	CIRP Meeting	Technical Presentation
International Conference on Industry 4.0 and Smart Manufacturing (ISM 2025)	TBA	TBA	TBA	TBA	Scientific Conference	Paper
Robotics: Science and Systems 2025	TBA	TBA	TBA	TBA	TBA	TBA
CIRP Winter Meetings	TBA	Paris, France	TBA	LMS (TBC)	CIRP Meeting	Technical Presentation
European Robotics Forum 2026 (ERF2026)	TBA	TBA	TBA	TBA	Workshop/Forum	TBA
33rd CIRP Conference on Life Cycle Engineering - LCE 2026	11-13 March 2026	Kamakura, Japan	TBA	TBA	Scientific Conference	Paper

Event	Date	Place	Link	Participant	Type of Event	Type of Participation
Hannover Messe 2026	20-24 April 2026	Hannover, Germany	TBA	TBA	Exhibition	TBA
11th CIRP Conference on Assembly Technologies and Systems - CATS 2026	28-30 April 2026	Hong Kong, China	TBA	TBA	Scientific Conference	Paper
IEEE International Conference on Robotics and Automation (IEEE ICRA 2026)	TBA	Vienna, Austria	TBA	TBA	Scientific Conference	Paper
Automatica 2025	TBA	Munich, Germany	TBA	TBA	Fair	TBA
Robotics: Science and Systems 2026	TBA	TBA	TBA	TBA	TBA	TBA
CIRP General Assembly 2026	23-29 August 2026	Turin, Italy	TBA	LMS (TBC)	CIRP Meeting	TBA
59th CIRP Conference on Manufacturing Systems - CIRP CMS 2026	15-17 September 2026	Austin, Texas, USA	TBA	TBA	Scientific Conference	Paper
International Conference on Industry 4.0 and Smart Manufacturing (ISM 2026)	TBA	TBA	TBA	TBA	Scientific Conference	Paper
CIRP Winter Meetings	TBA	Paris, France	TBA	LMS (TBC)	CIRP Meeting	Technical Presentation
European Robotics Forum 2026 (ERF2027)	TBA	TBA	TBA	TBA	Workshop/Forum	TBA
Hannover Messe 2027	TBA	Hannover, Germany	TBA	TBA	Exhibition	TBA
Automatica 2025	24-27 June 2024	Munich, Germany	Link	TBA	Fair	TBA

Event	Date	Place	Link	Participant	Type of Event	Type of Participation
IEEE International Conference on Robotics and Automation (IEEE ICRA 2027)	TBA	Seoul, South Korea	TBA	TBA	Scientific Conference	Paper
CIRP General Assembly 2027	22-28 August 2027	Dalian, China	TBA	LMS (TBC)	CIRP Meeting	TBA

4.2 Scientific Journal articles

Scientific journals serve as an efficient medium for conveying research accomplishments to a targeted audience. The significant scientific and technological findings derived from RENÉE will be disseminated through publication in prominent scientific journals. More specifically, the technical and academic partners will create at least seventeen (17) scientific papers, bringing additional benefits like greater transparency in the research process, better opportunities for new scientific collaborations, and increased efficiency in research. RENÉE will embrace the H2020 open access policy by facilitating the OpenAIRE infrastructure for peer-reviewed articles published by the consortium and repositories enabling the share and preservation of any developed output. The project's findings will be disseminated both internationally and in international journals. For scientific research publications and experimental data that will be generated and potentially used for testing, validation, and advancing research, a “gold” open access policy is planned. Several consortium partners are engaged in these activities and contribute to Open Access event repositories such as Robotics & Automation Magazine, Proceedings of IEEE, and Elsevier’s Procedia CIRP. Additionally, RENÉE will adopt a “green” open access policy (self-archiving) for its data. An ongoing record of the journals selected for submission will be maintained throughout the project's duration and listed in Table 6.

Table 6. List of proposed scientific journals for article submission

Journals	Publishing Institution	Link
Robotics and Computer Integrated Manufacturing	Elsevier	Link
Engineering Applications of Artificial Intelligence	Elsevier	Link
Robotics and Autonomous Systems	Elsevier	Link
Artificial Intelligence	Elsevier	Link
Circular Economy and Sustainability	Springer	Link
Journal of Remanufacturing	Springer	Link
CIRP Annals – Manufacturing Technology	CIRP, The International Academy for Production Engineering	Link
International Journal of Production Research	Taylor & Francis	Link
International Journal of Computer Integrated Manufacturing	Taylor & Francis	Link
IEEE Transactions on Robotics	IEEE	Link
IEEE Robotics & Automation Magazine	IEEE	Link
IEEE Transactions on Automation Science and Engineering	IEEE	Link
Proceedings of the IEEE	IEEE	Link
The International Journal of Robotics Research	Sage	Link
Journal of Field Robotics	Wiley	Link

Funded by the European Union

This project has received funding from the European Union’s Horizon Europe Framework Programme under grant agreement nº 101138415.

4.3 Industrial Magazine articles

Similarly, EITM SE has compiled a comprehensive list for the submission of articles to manufacturing magazines, outlining the key publications where the project's research outcomes will be shared. This list will be continuously updated by EITM SE throughout the duration of the project, ensuring that the latest findings and insights are effectively communicated to the manufacturing community (Table 7).

Table 7. List of identified magazines for dissemination & communication articles

Name of Magazine	Link
Manufacturing	Link
Sustainability Magazine	Link
ReMaTecNews	Link
EngineBuilder	Link
TheManufacturer	Link
IndustryOutlook	Link

4.4 Final event

The final public event will be organized by LMS at the end of the project. This event will be open to the public and will demonstrate the achievements obtained within RENÉE. During this event, the final exploitable results of the project will be demonstrated both in terms of individual technologies and integrated demonstrators. The integrated demonstrators for robotics, household appliances, bicycles and electromobility pilot cases will be demonstrated. Depending on the project development's maturity and available resources, the final demonstration event will be carried out at one of the end user premises (ARCELIK, CAMPETELLA, DECATHLON, EMOTORS).

5 Individual Dissemination & Communication Plan

5.1 LMS

LMS will prioritize presenting project developments at international conferences and forums to showcase the results. Dissemination efforts will benefit from connections with the International Academy for Production Engineering (CIRP), where Prof. Chryssolouris and LMS researchers are members. The emphasis will be on publishing papers about the application of remanufacturing and AI in circular value chains in industrial cases. Additionally, at least 6 technical papers will be prepared for specialized journals and relevant scientific conferences, referencing the project's work.

5.2 TECNALIA

TECNALIA will prioritize presenting the project's progress at international conferences and forums to showcase the results. Publication of at least two scientific papers is projected. Additionally, they plan to prepare at least two technical papers for specialized journals, partially or fully referencing the project work. TECNALIA will further disseminate the work conducted in the THOMAS project during visits to associated companies.

5.3 CEA

CEA's dissemination and communication plan includes several concrete actions to effectively share research outcomes and engage stakeholders. We will submit papers to high-impact journals and present them at major conferences like IEEE and ACM. Regular in-house seminars and an annual themed workshop will be organized in order to disseminate the project results and. CEA is regularly participating to Industry Days as well as in innovation expos. This opportunity will be taken to present our results. Finally, we will leverage social media and maintain an updated internal website with public presentations and video content to reach a broader audience. These actions will enhance our visibility and foster collaboration while maximizing our research impact.

5.4 DTI

The Danish Technological Center will adopt different online and offline strategies to communicate the findings and outcomes of the Renée project to engage with relevant academic and industry stakeholders within remanufacturing and, more broadly, the circular economy. Social media channels, especially LinkedIn, will be used to share success stories, engage with followers, and promote project-related events and resources. Several articles will be released through DTI's website to communicate regular updates about the project, and DTI will pursue as well, through the duration of the project, media outreach through press releases and interviews with local and national news outlets to reach a broader audience. Finally, the project results will be showcased at relevant national and European conferences and fairs.

5.5 IIT

IIT will disseminate project outcomes via international conferences and scientific journals, ensuring broad visibility. They will engage in industry collaborations and conduct workshops to demonstrate

innovations. Online platforms and social media will be leveraged for broader outreach, while targeted newsletters will keep stakeholders updated on project developments and milestones.

5.6 TU/e

The Eindhoven University of Technology (TU/e) will use different communication strategies to disseminate the progress and results of the RENEE project. First, the scientific community will be informed through articles on employee centered work redesign and employee-robot collaboration in relevant scientific journals and through presentations at relevant scientific conferences. Second, we aim to engage a broader audience via social media such as LinkedIn, and via meetings of industry networks that we are related to. Finally, we will reach out to the TU/e communications team that can assist us in writing press releases that may result in newspaper articles or interviews in professional magazines.

5.7 INESC

INESC TEC will disseminate and communicate project outcomes through presentations at international conferences, publishing articles in specialized journals, and engaging in industry events. Additionally, they will leverage social media, newsletters, and their website to reach a broader audience, ensuring wide visibility and impact of their research and innovations.

5.8 TF-CC

The Teaching Factory Competence Center (TF-CC) will implement a comprehensive dissemination and communication plan. This will include presenting project results at international conferences and forums, publishing at least five technical papers in specialized journals, and developing PhD theses on relevant topics. Additionally, TF-CC will host at least two webinars and workshops on its premises to engage with industry stakeholders and transfer knowledge effectively.

5.9 COMAU

COMAU has various channels for communications, starting with corporate website where there is dedicated portal for R&D Robotics EU funded Projects (https://www.comau.com/en/about-us/funded-projects/robotics/). COMAU can disseminate through major social networks where it's present: LinkedIn, Facebook, X, Instagram, YouTube. COMAU is present at the major Fairs and attends Professional Specific Conferences where presents products and R&D Project targets and achievements, such as European Robotics Forum, Automatica, Automate, SPS. The company have also a global footprint, so through its subsidiaries can promote R&D Projects locally. Moreover, we will participate in the writing of scientific papers highlighting specific results obtained during the projects.

5.10 INTRA

Netcompany-Intrasoft (INTRA) and its commitment to sustainability and innovation can be a powerful promotional tool in spreading awareness about the RENÉE project. NCI, to achieve this, will perform various dissemination and communication activities online and offline to contribute to achieving the specified KPIs while leveraging various channels for promotion. This includes showcasing advancements in high-impact industry events as well as promoting the RENÉE project

and its progress, developments, and outcomes through INTRA's social media channels, including LinkedIn. To draw the attention of a wider audience, the INTRA team will share engaging content about the RENEE project, including project updates, insights, and announcements of upcoming events. Additionally, NCI will publish blog posts and press releases to boost the project's exposure within relevant industries and media. These articles will showcase key achievements, technological advancements, and success stories, sparking further interest and participation. In the context of standardization, INTRA will communicate the project's findings and aim to disseminate project results via reports, workshops, and conferences specifically targeting the identified standardization stakeholders. Compelling presentations with real-world examples from the RENEE pilot projects (electronics, robotics, mobility sectors) can effectively advocate for the adoption of the project's recommendations into new or updated standards. Netcompany-Intrasoft will act as a bridge between the project and standardization bodies, that hold influence over regulations and norms in AI, robotics, and circular economies and foster collaboration to incorporate project findings into existing standards or develop entirely new ones. Moreover, can collaborate with the consortium to establish clear protocols for verifying and validating the project's findings and assist in crafting a verification plan that utilizes pilot projects and data analysis to validate the proposed standardization approaches. This will not only solidify the project's results but also provide compelling evidence for their wider adoption, ultimately leading to advancements in efficiency, interoperability, and innovation within the field.

5.11 EITM SE

The Individual Dissemination & Communication plan of EITM SE is multifaceted, encompassing various strategies to effectively share project outcomes within the European industrial and academic communities. Through T7.1, actions will be undertaken to promote dissemination via seminars, workshops, and publications in relevant scientific and professional journals and conferences, such as those related to RENÉE research. Participation in key industry events like the CIRP General Assembly, World Remanufacturing Summit, and Hannover Messe, alongside the distribution of newsletters and press releases, will elevate public awareness of RENÉE's scope and achievements. Additionally, a focus on gender balance ensures that produced materials are inclusive, with dedicated workshops aimed at increasing awareness and acceptance of EIT Manufacturing technologies among female stakeholders. This action will be mainly done in collaboration with TF-CC. In T7.2, collaboration with relevant national and European initiatives, such as the Hybrid Production Systems cluster and projects like CIRPASS and Data Space 4.0, will strengthen networking efforts, fostering knowledge exchange and mutual support. Through proactive engagement with initiatives like the European Remanufacturing Network, EIT Manufacturing aims to cultivate strong partnerships that enhance its impact and reach. Additionally, at least one (1) collaborative technical paper with some of the project partners will be prepared. Finally, Additionally, key highlights and updates will be disseminated through EIT Manufacturing's official LinkedIn account, ensuring wide visibility and engagement across professional networks.

5.12 STAM

STAM will leverage its thirty years of experience in the sector of research projects to carry out dissemination programs for the achievements of RENEE. The company will leverage its capability of

managing effective dissemination campaigns through social media, websites, newsletters, and other digital platforms, thus reaching a wide audience, and increasing the visibility and impact of the Renee project's results. Additionally, STAM's long-standing tradition of participating in technical-scientific conferences and industry fairs offers an opportunity to share innovations and best practices with experts, researchers, and professionals.

Furthermore, STAM has numerous connections with many companies across Europe, representing a significant opportunity to facilitate the dissemination of the RENÉE project's results within the industrial sector, as well as in the academic and scientific contexts.

5.13 EMOTORS

EMOTORS will disseminate the remanufacturing of electrical motors case study through industry conferences, technical journals, and social media. Possible D&C actions include the organization of a workshop at the factory premises, and engagement with stakeholders via newsletters and targeted outreach to highlight the project’s innovations and impact on sustainability and efficiency in motor remanufacturing.

5.14 CRC

CRC will showcase the remanufacturing of industrial robots through targeted presentations at industry conferences, detailed case studies in technical magazines, and engaging multimedia content. They will leverage their strong communication department to ensure broad dissemination, utilizing social media, webinars, and direct outreach to key industry stakeholders.

5.15 DEC

Decathlon strategically utilizes its organizational framework and communication platforms to develop a comprehensive communication plan aimed at informing, raising awareness, and fostering curiosity regarding the themes addressed by the RENÉE project. This initiative prioritizes internal communication by integrating project updates into internal newsletters and disseminating contents across internal social media channels. Furthermore, Decathlon engages in external communication by actively participating in industry events, notably the 2024 edition of European Robotics Forum in Rimini, and strategically disseminating information through the LinkedIn profiles of the project managers involved.

5.16 ARCELIK

ARCELIK will use its strong communication department to disseminate the remanufacturing of refrigerators case study. This will include publishing results in industrial magazines, presenting at international fairs, and hosting workshops. Additionally, ARCELIK will share findings through social media channels and company newsletters to reach a broad audience of stakeholders.

6 Guidelines for Dissemination Procedure

The participation of RENÉE project partners in relevant events must be approved beforehand by the Project Coordinator (PC). Both the consortium and the PC reserve the right to object to presentations that do not align with the goals of RENÉE or disclose confidential information. Any dissemination of intellectual property, results, or documents marked as “restricted” requires written approval from the respective owner, while material marked as "confidential" must not be presented under any circumstances. Dissemination events include exhibition stands, workshops, press releases, public presentations, publications in scientific journals, conference presentations, participation in non-project events, newsletters, social media publications, and special sessions organization, among others.

The process for submitting a dissemination activity is outlined with the following steps:

1. Partners interested in conducting a dissemination activity should submit their proposal to the RENÉE PC at least two weeks before the intended submission date.
2. The PC distributes the material to consortium partners.
    a. Partners must provide feedback to the PC within five working days. Any objections regarding content, information disclosure, or intellectual property rights must be raised within this timeframe. The PC then communicates the decision (approval/modification/rejection) to the relevant partner(s).
    b. If conflicts arise or additional material is required, the PC requests modifications or additions from the partner and follows the previous procedure.
    c. If other partners wish to present or release previously approved material, no additional approval is necessary, but the remaining steps of the procedure are followed for informational purposes.
    d. If there are no objections within a week from the consortium, the PC notifies the authors to proceed with the dissemination activity.
    e. If the PC receives no response from the consortium after five working days, it is assumed that the proposal has been approved.
3. The PC or any partner may reject proposed dissemination activities if they do not meet the acceptance criteria. In case of conflict, it is the responsibility of the PC to facilitate consensus.

Upon completion of an approved dissemination activity, the involved partner(s) are responsible for providing a copy of the final material and storing it in the internal RENÉE repository.

7 Networking Activities – Clustering Events

To enhance collaboration and maximize the impact of our project, we have prioritized networking activities and participation in clustering events. Our goal is to engage with relevant stakeholders, share knowledge, and establish synergies with other projects within the same or similar call/topic.

The following actions outline our approach to achieving these objectives:

Actions to Achieve Networking and Clustering

Participation in Key Events:

- **European Robotics Forum 2024:** LMS (Coordinator), TF-CC and DEC have actively participated in this forum, introducing the project, and establishing connections with other robotics experts and projects.
- **World Remanufacturing Summit 2024**: Attendance at this summit by EITM SE (Exploitation, Dissemination & Communication Leader) has enabled us to present our work on sustainable manufacturing processes, fostering relationships with industry leaders and researchers focused on remanufacturing.
- **EFFRA Manufacturing Days 2024:** By participating in this event (LMS, and EITM SE), we have engaged with the manufacturing community, discussed our project's contributions, and explored potential collaborations with other EFFRA-funded projects.

Clustering Activities:

- **Engagement with Similar Projects:** We have initiated clustering activities with other projects funded under the same topic, aiming to share best practices, align objectives, and co-develop solutions to common challenges. These collaborations enhance the collective impact of our work and drive innovation within the industry.

Workshops and Joint Sessions:

- **Organizing Workshops:** We plan to organize workshops that bring together researchers, industry professionals, and other stakeholders to discuss advancements, challenges, and opportunities in the field of robotics and remanufacturing.
- **Joint Sessions with Other Projects:** We will host joint sessions at major conferences and forums to present combined findings and promote integrated approaches to addressing industry needs.

Dissemination and Communication:

- **Online Platforms and social media:** Leveraging online platforms and social media, we will disseminate information about our networking activities and clustering events, reaching a broader audience and encouraging further engagement.

By actively participating in these events and clustering activities, RENEE aims to strengthen its network, foster collaboration, and enhance the overall impact of our research and innovation efforts within the robotics and manufacturing sectors.

More details on the performed dissemination activities of the project are provided in Annex 1 of this deliverable. The upcoming activities will be documented in D8.3 that will be delivered on M18 of the project.

8 Dissemination & Communication Actions Monitoring

8.1 Scientific Publications

This section will include and be continuously updated, a comprehensive list of scientific articles submitted to peer-reviewed journals that acknowledge the contributions and support of the RENÉE project. These articles will detail the research findings, methodologies, and innovations developed throughout the project, ensuring wide dissemination and recognition within the scientific community.

8.2 Events

This section will include a comprehensive list detailing consortium members' participation in scientific conferences, industry events, trade fairs, and workshops. It will highlight the progress and achievements, the project developments, networking with key stakeholders, and exploration of collaboration opportunities. This list will serve as a record of our efforts to disseminate knowledge, establish partnerships, and enhance the visibility and impact of our project within the scientific and industrial communities.

8.2.1 Participation in Scientific Conferences

The following partners have participated to Scientific Conferences up to M6:

- **LMS**
  - *Reference: Konstantinou C., Antonarakos D., Angelakis P., Gkournelos C., Michalos G., Makris S*., Leveraging Generative AI Prompt Programming for Human-Robot Collaborative Assembly. (2024)., 34th CIRP Design Conference – Procedia CIRP (Accepted – To be presented)*
- **INESC**
  - *Reference: Branco M. I., Almeida A.H., Soares A.L., Baptista A.J., Multidimensional evaluation of production systems design based on Design-for-eXcellence methodologies, 33rd Flexible Automation and Intelligent Manufacturing Conference (FAIM 2024) (Accepted – To be presented)*

8.2.2 Participation in events, trade fairs and workshops

The following partners have participated to events, trade fairs, or workshops up to M6:

- **LMS**: LMS (Project coordinator) has participated until M6 to:
  - World Remanufacturing Summit 2024, Milan, Italy, 12-13 March 2024
  - European Robotics Forum 2024, Rimini, Italy, 13-15 March 2024
    - Organized and chaired the "Flexible materials handling and remanufacturing – 11th HPS" workshop.
    - Co-organized the "Circular Production & Remanufacturing for Sustainable Industries" workshop.
  - Automation & Robotics Expo 2024, Athens, Greece, 12- 14 April 2024
  - The Manufacturing Partnership Days 2024, Brussels, Belgium, 7-8 May 2024
- **IIT:** Academic partner has participated until M6 to:

    - European Robotics Forum 2024, Rimini, Italy, 13-15 March 2024
        - Organized and chaired the "Circular Production & Remanufacturing for Sustainable Industries" workshop.
- **CRC:** End User has participated until M6 to:
    - European Robotics Forum 2024, Rimini, Italy, 13-15 March 2024
- **DEC:** End User has participated until M6 to:
    - European Robotics Forum 2024, Rimini, Italy, 13-15 March 2024
- **INESC:** R&D has participated until M6 to:
    - European Robotics Forum 2024, Rimini, Italy, 13-15 March 2024
- **EITM IC SE:** WP7 Leader has participated until M6 to:
    - World Remanufacturing Summit 2024, Milan, Italy, 12-13 March 2024
    - Innovation Crete 5.0, Crete, Greece, 28-29 March 2024
    - Automation & Robotics Expo 2024, Athens, Greece, 12- 14 April 2024
    - The Manufacturing Partnership Days 2024, Brussels, Belgium, 7-8 May 2024
    - EIT Manufacturing IC South East - Advisory Board Meetings Presentation:
        - February 2024
        - May 2024

8.3 Other channels & tools

RENÉE's communication and dissemination plan will take advantage of the following EU dissemination channels that could be used during the project:

8.3.1 EU dissemination channels

Horizon Magazine (Communication)

- The latest news and features about thought-provoking science and innovative research projects funded by the EU

Horizon Dashboard (Dissemination)

- An intuitive and interactive knowledge platform where you can extract statistics and data on EU research and innovation programmes – sorted by topics, countries, organisations, sectors, as well as individual projects and beneficiaries

Innovation Radar (Dissemination)

- A data-driven method focused on the identification of high-potential innovations and the key innovators behind them in EU-funded research and innovation projects

Horizon Standardization Booster (Dissemination)

- An initiative that supports European research and innovation projects to utilize results through standardisation, supporting them to contribute to the creation of new standards or the revision of existing standards.

Horizon Results Booster (Dissemination)

    - A free-of-charge platform to benefit from one of these services:

1. Portfolio dissemination & exploitation strategy
2. Business plan development
3. Go-to-market support

Horizon Results Platform (Dissemination & Exploitation)

- A public platform that hosts and promotes research results, thereby widening exploitation opportunities. It helps to bridge the gap between research results and generating value for economy and society. You can create your own page to showcase your results, find collaboration opportunities and get inspired by the results of others.

- **CORDIS (Communication, Dissemination)**
  - Multilingual articles and publications that highlight research results, based on an open repository of EU project information. RENÉE's project description has already been uploaded to CORDIS-EU research results and can be found at the following link:
    - **RENÉE CORDIS**
- **Open Research Europe Platform (Dissemination)**
  - A platform that makes it easy for beneficiaries of European research and innovation projects to comply with the open access terms of their funding and offers researchers a publishing venue to share their results and insights rapidly.
- **Research and Innovation Success Stories (Communication, Dissemination)**
  - A collection of the most recent success stories from EU-funded research & innovation.

8.3.2 Ensuring the development of the Gender Management Plan (under WP6, WP7)

RENÉE activities will be conducted with a strong emphasis on gender balance, ensuring that all produced materials are inclusive and gender sensitive. RENÉE inherently promotes gender equality on the shop floor through its advanced technologies, aiming to create a safe and inclusive production environment for all workers, regardless of gender, age, or physical condition. By leveraging robots for intensive tasks traditionally assigned to male operators, RENÉE reduces ergonomic risks and makes more jobs accessible to women. In developing solutions and training platforms, RENÉE will address the differing requirements and expectations of all genders. Human studies and participatory design will ensure diverse representation and inclusivity, enhancing usability and preventing gender bias. Visual materials will use gender-neutral language and balanced representation, aligning with the Gender Equality Plan (GEP) to support work-life balance and empower women. This comprehensive approach aligns with the EC's directives on gender discrimination and promotes equal participation in R&D activities (EC Council Directive 2004/113/EC).

Additionally, a dedicated workshop in collaboration with TF-CC will be organized aiming aimed at increasing awareness and acceptance of RENÉE technologies among the female workforce and

stakeholders. This workshop will focus on promoting gender diversity in the field, encouraging more women to engage with and benefit from our technological advancements.

9 Conclusions

The deliverable D7.1 describing the dissemination & communication plan serves as both a deliverable and a guide for all RENEE partners, outlining the dissemination activities they will undertake throughout the project. A key component is the project website, which will feature extensive information and regularly updated materials. At the project's conclusion, a video will be produced showcasing RENEE's results, aimed at reaching both the public and technical experts. Publications in scientific journals and conferences, articles in manufacturing magazines and press releases will target a wide range of stakeholders.

RENEE's findings will be presented at various international conferences, workshops, and exhibitions, promoting the project and its outcomes. The dissemination process is designed to produce clear and effective materials that are satisfactory to all partners. Additionally, collaboration with other initiatives will be essential for broadening the project's reach beyond sector-specific audiences.

All RENEE dissemination activities will be documented in the follow-up deliverable D8.3 (M18), “Deliverable D7.3 – Dissemination, Communication & Networking activities - 1st version”.

Annex I

This annex includes the project's dissemination activities report.

Photo	
Event/Activity	World Remanufacturing Summit 2024
Date	March 13, 2024
Location	Milan, Italy
Description	Presented RENEE project advancements and networked with robotics experts Category: Innovation Projects – Technical Session 6
Partner	EITM IC SE (Greece) Dr. Nikos Panopoulos - RENEE EIT Manufacturing (Greece) "Flexible Remanufacturing Using AI and Advanced Robotics for Circular Value Chains"
Target Audience	Robotics professionals, researchers
Key Outcomes	Established new partnerships, received feedback on project developments.

Photo	
Event/Activity	European Robotics Forum 2024
Date	March 14, 2024
Location	Rimini, Italy
Description	Presented RENEE project advancements and networked with robotics experts
Partner	LMS Greece) Mr. Christos Gkournelos
Target Audience	Robotics professionals, researchers
Key Outcomes	Established new partnerships, received feedback on project developments.

Photo	
Event/Activity	Innovate Crete 5.0
Date	March 29, 2024
Location	Heraklion, Greece
Description	Presented RENEE project advancements under the framework of circular economy and innovation in Greek ecosystem
Partner	EITM IC SE (Greece) Dr. Nikos Panopoulos
Target Audience	Start-ups, Professors, Entrepreneurs, Industry professionals, Researchers
Key Outcomes	Established new partnerships, received feedback on project developments.

Photo	
Event/Activity	1st Automation & Robotics Expo 2024
Date	April, 12 -14, 2024
Location	Athens, Greece
Description	RENÉE's general video, roll-up banner and brochures in EIT Manufacturing's Booth
Partner	EITM IC SE (Greece) LMS (Greece) TF-CC (Greece)
Target Audience	Start-ups, Professors, Entrepreneurs, Industry professionals, Researchers
Key Outcomes	Established new partnerships, received feedback on project developments.

Photo	 
Event/Activity	The Manufacturing Partnership Days 2024
Date	May, 7-8, 2024
Location	Brussels, Belgium
Description	RENÉE Presentation RENÉE's general video, roll-up banner, brochures
Partner	Mr. Christos Gkournelos – LMS (Greece) Dr. Nikos Panopoulos - EIT Manufacturing (Greece
Target Audience	EU Commissioners, Professors, Entrepreneurs, Industry professionals, Researchers
Key Outcomes	Established new partnerships, received feedback on project developments.

References

[1] Dissemination and exploitation, European Research Executive Agency , Available at: https://rea.ec.europa.eu/dissemination-and-exploitation_en