

Community Building Report

Deliverable D5.4

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Executive Summary

This report (D5.4) compiles all community building activities carried out during the first 18 months (M1–M18) of the DILAPRO project. It reflects the coordinated effort of all consortium partners to establish a strong, engaged, and informed LASER community around DILAPRO's core innovations. Building on the foundation laid out in Deliverable D5.1, this report documents the implementation of the initial strategy and outlines the next steps that will sustain and expand this community throughout the remainder of the project.

A central aim of the DILAPRO community building strategy is to maximise the project's visibility, outreach, and long-term impact within the LASER community by leveraging the strengths and networks of each partner. The consortium brings together multidisciplinary expertise spanning research, industry, and standardisation, and this diversity has been key in fostering a shared ecosystem among laser technology stakeholders. Activities have included participation in strategic events and fairs, engagement with related EU projects and initiatives, and structured knowledge exchange within and beyond the consortium, specifically targeting engagement with the broader LASER community.

The actions detailed in this Deliverable are aligned with the project's overarching goals in digital twin integration, certification methodologies, and advanced laser materials processing. Looking ahead, the strategy will continue to evolve, ensuring that DILAPRO remains a reference point within the European innovation landscape and continues to contribute to a robust and collaborative LASER community.

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1. Introduction

Deliverable 5.1, the DILAPRO Community Building Strategy, laid the groundwork for establishing an engaged and sustainable ecosystem around the project. This foundational strategy detailed key actions undertaken to mobilise relevant networks and associations, ensure effective knowledge transfer, participate in external events, and foster collaboration with other EU-funded initiatives. Stakeholder involvement was prioritised through targeted engagement activities, significantly supported by the project's website and social media presence. A shared dynamic Excel file was used to coordinate and update participation in events, helping partners align their efforts and make informed decisions.

The active engagement of the LASER community is paramount for DILAPRO. This community provides invaluable feedback on DILAPRO's core innovations and serves as a crucial source for identifying and validating external use cases, ensuring the project's developments are robust, relevant, and directly address industry needs. This two-way interaction is fundamental to maximizing DILAPRO's impact and fostering broader adoption of its solutions.

All aspects of DILAPRO's community building activities directly contribute to strengthening and expanding this vital LASER community. For instance, through workshops and events, participants are encouraged to opt-in for newsletters, creating a direct channel for ongoing engagement and knowledge dissemination. Similarly, our participation in key events and collaborations with other EU projects ensure broader visibility of DILAPRO's results and facilitate a more connected and informed laser technology landscape. These integrated efforts collectively enhance the community's access to cutting-edge research and best practices.

These actions collectively ensured that DILAPRO developments were aligned with community needs, strengthened the project's visibility, and enhanced its long-term impact across key European innovation platforms. This strategy serves as the conceptual blueprint, informing the comprehensive D5.2 - Plan for Dissemination, Exploitation, and Communication (DEC Plan) and subsequently, the specific actions and results documented in D5.3 - Dissemination and Communication Report.

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2. Networks and associations

The actions outlined in Deliverable 5.1 – Community Building Strategy – are progressing according to the initial plan and will remain active throughout the duration of the DILAPRO project. These efforts are key to ensuring broad visibility, stakeholder involvement, and long-term impact for DILAPRO's technological developments, particularly in the areas of DILAFACT and DILACERT.

The project partners in DILAPRO are highly experienced and proactive actors across both academic and industrial landscapes. From the outset, they have committed to leveraging this expertise to effectively mobilise relevant networks and associations. The strategy capitalises on the existing membership and trusted relationships of partners in renowned European and international platforms. At the same time, it encourages the evaluation and engagement with new and emerging stakeholders.

The involvement of DILAPRO partners in such networks is being reviewed on a regular basis, as defined in the three-stage plan outlined in Deliverable 5.1. The findings of these reviews are being continuously recorded in the Community Building Strategy file, hosted on the project's TEAMS environment. Progress and opportunities are discussed within Dissemination and Exploitation coordination meetings (under WP5 and WP10), ensuring integration across all levels of project communication and stakeholder engagement.

Preferential contacts between project partners and associations—such as EFFRA, EuroAM, CECIMO, ISO, and IIW—are already in place and will continue to be strategically reinforced. The approach remains twofold: to build upon these established relationships while also identifying and pursuing new collaborative opportunities.

By mobilising networks and associations as per the strategic approach set out in D5.1 and D5.2, DILAPRO continues to create valuable opportunities for the dissemination and exploitation of its results. These engagements will remain a priority in the second half of the project (M19-36), contributing to the consolidation of a robust community around the novel technologies developed within the DILAPRO ecosystem.

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3. External Events & Fairs

As outlined in Deliverable 5.1, participation in external events and technology-related fairs was identified as a key pillar for building a robust and engaged community around the DILAPRO project. This strategy aims to ensure broad visibility, encourage knowledge exchange.

During the first reporting period, the proposed actions have been duly implemented and are progressing in line with the outlined plan. DILAPRO partners have actively monitored and mapped relevant events taking place throughout the project's duration, with a particular focus on highly strategic gatherings. Several of these events have already included DILAPRO representation, and further participations are scheduled, as can be seen in **Erro! A origem da referência não foi encontrada.**.

Table 1 - Overview of Events with DILAPRO Participation (M1–M18).

Event Type	Name	Date	Location	Participating Partner	How
Fair	360 TECH INDUSTRY – Feira Internacional da Indústria 4.0/5.0, Robótica, Automação e Compósitos	27-28 May 2024	Porto (PT)	EWF	Partners booth (5000 visitors)
	EXPOMETAL 2024	7-9 November 2024	Batalha (PT)	EWF	Partners booth (17000 visitors)
	Formnext 2024	14 November 2024	Frankfurt (DE)	EWF, Qualified AM, CRM, DCU, Fieldmade	Partners booth (34000 visitors)
	9th AM Forum Berlin	17-18 March	Berlin (DE)	Qualified AM	Partners booth (800 visitors)
	RAPID + TCT 2025	8-10 April 2025	Detroit (USA)	Qualified AM	Partners booth (15000 visitors)
	Rapid.Tech 3D 2025	13-15 May 2025	Erfurt (DE)	Qualified AM	Partners booth
Conference/Meetings	Additive Manufacturing Village 2024	13-17 May 2024	Tournai (BE)	EWF, Qualified AM, CRM, DTI, Fieldmade	Several presentations (400 participants)
	General Assembly of European Welding Association	4 June 2024	Barcelona (ES)	EWF	Project presentation (More than 100 participants)
	4th International Conference on Key Enabling Technologies (KEYTECH)	1-2 September 2024	Dublin (IR)	DTI, DCU	Presentation (More than 100 participants)
	44th Risø International Symposium on Materials Science	1-6 September 2024	Roskilde (DK)	DTU	Presentation (More than 100 participants)

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	ASMET, Austrian Society for Metallurgy and Materials	17-19 September 2024	Aachen (DE)	DTI	Poster (More than 100 participants)
	INOV.AM - Innovation in Additive Manufacturing Conference	27 November 2024	Braga (PT)	EWF	Presentation (More than 100 participants)
	European Welding Association event	23 January 2025	Lisbon (PT)	EWF	Project presentation (More than 100 participants)
	JG73 - Digital Product Definition and Data Management meeting	14 March 2025	Texas (USA)	EWF, Qualified AM	Project presentation (More than 100 participants)
	3rd European Military Additive Manufacturing Symposium	8-9 April 2025	Bonn (DE)	Qualified AM, DTI	Project presentation (More than 400 participants)
Workshop	Data-Driven Certification of Laser Processes – Enabling the Future of Additive Manufacturing in ILAS 2025 – 9th Industrial Laser Applications Symposium	26 March 2025	Kenilworth (UK)	EWF, DTI, Qualified AM, DCU	25 participants in the workshop
	AM Designer Workshop: Standardization and Innovation Integration	10 October 2024	Online	EWF	More than 20 participants in the workshop

In accordance with the guidelines set in the Community Building Strategy (D5.1), all partners have been encouraged to continuously share information on upcoming fairs and conferences of relevance to the project's themes. This dynamic mapping effort is maintained collaboratively through the dedicated “Community Building Strategy” file on DILAPRO TEAMS, which is regularly updated and discussed during Dissemination and Exploitation meetings (WP5 and WP10).

4. Knowledge Transfer Activities

In alignment with the strategy defined in Deliverable 5.1, the DILAPRO consortium has initiated actions aimed at enhancing internal knowledge transfer and capacity building. These measures are designed to address both the technical and organizational needs of the partners, ensuring that project objectives are met with efficiency and consistency. While primarily an internal consortium activity, this concerted knowledge sharing significantly elevates DILAPRO's collective expertise and mastery in specific project-related topics. This deepened internal capability is fundamental to developing more robust solutions, articulating clearer value propositions, and

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ultimately, establishing more effective strategies for engaging and expanding the DILAPRO LASER community.

To further foster transparency and collaboration in the transfer of technology, all partners have demonstrated openness in sharing relevant information. In line with the original plan, informal and voluntary technical workshops are being organised periodically. The consortium is currently ahead of our target of hosting at least three workshops per year, with multiple sessions already conducted and additional ones scheduled. This proactive approach was taken to facilitate a higher volume of information sharing and increase the success of our cooperation during the initial phase of the project. Fewer knowledge-sharing sessions are anticipated to be required in the upcoming period. These workshops serve as a platform for partners to present their work, discuss applied technologies, and exchange practical expertise. Formats have included both online and face-to-face participation, based on the nature and scope of each workshop, ensuring inclusivity and broad engagement.

To facilitate the planning and monitoring of these activities, structured tables—developed as part of the Community Building Strategy—are being used and updated regularly. These tools have proven effective in tracking progress, ensuring balanced contributions across the consortium, and supporting informed decisions on future capacity-building actions.

The knowledge transfer efforts are progressing in accordance with the roadmap established (see Table 2), and the consortium remains committed to sustaining these collaborative practices throughout the duration of the project.

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Table 2 - Internal Training Sessions

Partner	Date	Time (h)	Location	Training activity subject	Description of workshop	Number of internal participants
DTI	24/9/24	3	Online	LCA	Life Cycle Analysis workshop (Introduction to LCA + workshop on Lifecycle Inventory Analysis)	11
DCU	29/10/24	1h30	Online	Machine learning + laser texturing	Knowledge sharing - Laser Surface Processing + In-situ AM monitoring by high-speed Infrared pyrometry	14
DTU	25/6/24	3	Liege (Physical project meeting)	Digital twins	Introduction to Digital Twins	21
Pepite	3/9/2024	1	Online	DataMaestro and DILAFACT development	Advanced Analytics and AI to improve sustainability, resilience and profitability of manufacturing industry	17
Qualified AM	13/3/24	1	Online	Certification processes	Certification within Additive Manufacturing	21
IMDEA	4/24/2024	1	Online	Physical Simulation Tool	Physical simulation	16
AMIQUAM	4/12/2024	1	Online	Eddy current sensor	Enhancing Monitoring in LPBF Processes using Electromagnetic Sensors	15

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5. Clustering Activities

Clustering and co-organizing events under the EU umbrella is a strategy to strengthen the community around the DILAPRO project. A review of potential projects within the same call topic as DILAPRO's has been completed, as well as mapping of related initiatives. Several projects have been identified at in the beginning of the project. This network will be expanded to include other on-going projects. As a result, the review process will be on-going and closely monitored throughout the project's duration. This process will be the responsibility of all the partners involved, with coordination from EWF.

Similar to the other activities in the community-building strategies, these potential collaborations are continuously detailed in the "Community Building Strategy" file shared on the DILAPRO project TEAMS. The clustering strategy should include: the name and an acronym of the project, a brief description, an indication of its coordinator, whether there are any DILAPRO participants in this consortium and their role.

The list of projects identified so far is presented in Table 3 (more details on each project are available on the consortium common repository). In the first half of the DILAPRO project, several meetings dedicated to the distribution of tasks regarding the partner responsible for creating links with similar European projects, were scheduled. Preference was given to partners who already are involved in the projects identified (such as EWF, DTU, and Prima Additive). A standard presentation was developed for this activity (see Figure 1), where each liaison will present the DILAPRO project and the potential benefits of similar projects becoming part of the LASER community.



Figure 1 - General project presentation.

Table 3 - Projects map for Clustering Initiatives.

Project Acronym	Project Title	Project Coordinator	DILAPRO Partners Involved	Type of Funding	Status
GlobalAM	Enabling Laser Powder Bed Fusion for Large Scale Production of Multi-Material Components	ROBERT BOSCH	DTU + PRIMA	TT-01-02-2023	clustering
FLASH	Flexible Laser-based manufacturing through precision photon distribution	PRIMA ADDITIVE	PRIMA + EWF	TT-01-02-2023	clustering
Multimold	Multi-functional In-Mold Electronics	JOANNEUM RESEARCH	DTU	TT-01-02-2023	clustering
Wavetailor	Modular laser sources for sustainable production of short personalized production series	JOANNEUM RESEARCH	NA	TT-01-02-2023	clustering
Biostruct	Manufacturing process for bio-based fibre-reinforced composite parts for structural applications	PROFACTOR	NA	TT-01-02-2023	A meeting was held but it was concluded that there was no common ground.
Alabama	Adaptive Laser Beam for additive manufacturing	SINTEF	NA	TT-01-02-2023	clustering
Wise	Multi-scale multi-process machine for high value-added products with disruptive functionalities	PRIMA ADDITIVE	PRIMA	TT-01-02-2023	clustering
LaserWay	Extremely High-Speed Laser Processes For Sustainable And Flexible Manufacturing	IDEKO S COOP	NA	TT-01-02-2023	clustering
Holistep	Sub-wavelength holographic lithography stepper for integrated circuit production	FRAUNHOFER	NA	TT-01-02-2023	no common ground
OPERATIC	Boosting the adoption of UltrashortPulsed Laser large scale structuring with an agile, dexterous and efficient manufacturing platform	AIMEN	EWF	TT-01-03-2021	clustering
FABULOUS	FABrication of 3D metasurfaces to enable the next generation of high efficiency optical products	AIMEN	NA	TT-01-02-2022	clustering
GEAR-UP	Green Engineering, Analysis, & Reskilling for Unbounded Production	SINTEF	NA	TT-01-05-2023	clustering

In parallel with the direct contacts established with individual EU-funded projects as part of the clustering and community-building strategy, DILAPRO is also an active member of the **LIMES cluster** (Laser Innovation for Manufacturing Eco-Sustainability). This cluster brings together a

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group of European research and innovation projects that are jointly advancing sustainable, laser-based manufacturing technologies (see Figure 2).

The collaboration within LIMES enhances DILAPRO's ability to engage in broader knowledge exchange and amplify its impact across related initiatives. The LIMES cluster focuses on the following strategic pillars:

- **Eco-Conscious Laser Technology**: Developing cutting-edge solutions that reduce environmental impact without compromising performance in laser-based manufacturing.
- **Collaborative Workshops and Networking**: Organising joint workshops, demonstrations, and events to promote innovation, knowledge-sharing, and synergies across projects and stakeholders.
- **Diverse and Interdisciplinary Expertise**: Combining know-how from adaptive robotics, artificial intelligence, digital twins, and high-precision laser applications to foster greener and more intelligent manufacturing solutions.

Through its participation in the LIMES cluster, DILAPRO strengthens its position within the European laser innovation ecosystem, contributes to joint dissemination activities, and aligns its technological objectives with EU sustainability goals.



Figure 2 – LIMES Cluster logo alongside the current member projects. DILAPRO is part of this European cluster focused on sustainable innovation in laser-based technologies, fostering collaboration, knowledge exchange, and eco-conscious manufacturing solutions.

As per the information shared in Deliverable 5.1 and 5.2, one of the crucial activities is organizing interactive workshops. These workshops serve the purpose of building collaborations with EU

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R&I projects that are focused on similar domains. The main aim of such workshops is to encourage the exchange of knowledge and ideas, which can lead to better outcomes and advancements in the field.

As part of the community-building and clustering strategy, the first presential DILAPRO workshop was successfully held during the ILAS 2025 conference on 26 March 2025, with 25 participants. and its broader project dissemination through parallel sessions and social networking significantly boosted DILAPRO's overall reach. While measuring the full extent of such activities can be challenging, a notable increase in LinkedIn metrics observed after the workshop date strongly indicates this amplified reach (see Figure 3). This event provided a prominent platform to present the DILAPRO project and engage with key stakeholders in the LASER community. The workshop marked a significant milestone in enhancing DILAPRO's visibility and fostering technical exchange. Further details on this event and workshop outcomes can be found in the ILAS 2025 Book of Abstracts.

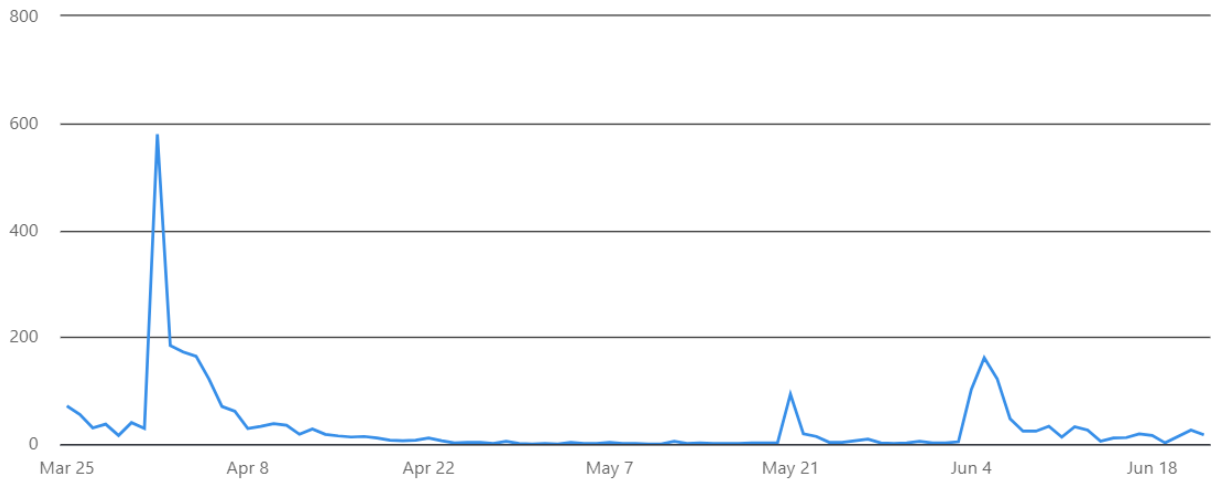


Figure 3 - LinkedIn metrics from March to June 2025 – members reached.

During the M1-18 period, preparations also began for the second DILAPRO workshop, which will be held at the NoLaMP 2025 conference (https://dtu.events/nolamp20/conference), an event dedicated to Laser Materials Processing. These workshops are crucial for significantly boosting DILAPRO's visibility within the LASER community. By engaging directly with specialists and researchers at targeted events like NoLaMP 2025, the project can effectively disseminate its advancements, attract new stakeholders, and expand the reach and engagement of the broader LASER community.

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5.1 Project roadmap update

In line with DILAPRO's dynamic community building and clustering strategy, we've successfully initiated and progressed the following actions from our project roadmap, many of which are continuous initiatives:

1-Mapping of Projects under the Same Call

All relevant projects funded under the same Horizon Europe call as DILAPRO were identified and analysed. This mapping provided a comprehensive overview of potential synergies and areas for collaboration.

2- Mapping of Other Relevant R&I Initiatives

Additional research and innovation initiatives aligned with DILAPRO's technological and thematic objectives were also mapped, expanding the scope of strategic engagement beyond the initial cluster.

3-Development of Standard Engagement Material

Standardised communication materials (flyers, roll-up and, videos, press release) were prepared, including a DILAPRO project overview and key benefits of joining the DILAPRO community. A generic presentation of the project has been prepared, which is available to all partners and can easily be altered to suit the typology of the meeting. These tools have been instrumental in outreach efforts.

4-Internal Allocation of Responsibilities

Engagement responsibilities were clearly assigned within the consortium, ensuring that each identified initiative had a designated point of contact for efficient follow-up. The project coordinator is always involved in the development of these activities.

5-Scheduling of Meetings with Coordinators

Meetings with the coordinators of the mapped initiatives were scheduled and held, allowing for the exchange of ideas, alignment of objectives, and the establishment of initial collaborative pathways.

6-Formalisation of Project Integration

DILAPRO's integration into the broader community of related projects has been formalised. Collaborative intentions were documented and joint activities proposed where appropriate. All the agreements made were published as news on the project's website and social networks.

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7-On-going Engagement and Communication

DILAPRO remains actively engaged with the identified initiatives through continued participation in shared activities and regular communication of project updates, outcomes, and opportunities. Dissemination has been supported via the project's digital channels, as outlined in earlier deliverables.

These actions collectively strengthen DILAPRO's visibility, support knowledge exchange, and enhance the long-term sustainability of its results through collaboration with aligned European initiatives.

6. LASER Community

As part of the community-building efforts foreseen in DILAPRO's dissemination and exploitation strategy, the Laser Community was launched and is being actively developed as an open platform to bring together stakeholders, researchers, industry players and policymakers involved in advanced laser technologies, digital certification and twin-based manufacturing.

This initiative aims to foster collaboration and knowledge sharing across Europe and beyond, serving both as a knowledge hub and a forum for exchange, aligned with DILAPRO's vision of supporting a new digital ecosystem for laser materials processing.

6.1 Platform Objectives and Features

The LASER Community is designed to:

- Promote the exchange of knowledge and best practices in laser-based advanced manufacturing.
- Showcase the latest updates and results from the DILAPRO project and its partners.
- Support the engagement with external projects and stakeholders with aligned interests.
- Strengthen the European leadership in laser materials processing and certification.

The platform is accessible via the official project website dilapro.eu/laser-community and includes curated content, event promotion, and access to the DILAPRO newsletter (see Figure 4 and Figure 5).

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Join the DILAPRO Laser Community:

Welcome to the future of manufacturing! The DILAPRO project invites you to join our Laser Community—a dynamic hub for innovation, collaboration, and advancement in laser-based manufacturing technologies.

Figure 4 - Laser Community page on DILAPRO's website.

How to Join our Laser Community:

Becoming a member of the DILAPRO Laser Community is easy and open to all professionals and enthusiasts in the field. Simply sign up to be part of our vibrant community. Join us in our mission to transform additive manufacturing with laser technology. Together, we can achieve remarkable advancements and drive the industry forward.

Subscribe to our newsletter and be the first to know about the latest advancements, news, and events in the world of language technologies and digital humanities. Join our community to:

- Receive updates on cutting-edge research and innovations.
- Get invitations to webinars, workshops, and conferences.
- Stay informed about funding opportunities and collaborations.
- Gain access to exclusive content and resources.

Sign up now to stay connected and inspired!
You can unsubscribe at any time.

Subscribe Newsletter

Figure 5 - Information available on the DILAPRO website on how to join the community.

6.2 Newsletter and Engagement

To increase outreach and promote active participation, DILAPRO developed a dedicated newsletter which shares updates on project progress, upcoming workshops, partner testimonials, and results. The subscription form is made easily accessible via the Laser Community page, encouraging users to join the network.

In addition to the website form, the newsletter subscription is also actively promoted via LinkedIn, leveraging the platform's professional network capabilities. The analytics indicate that engagement through LinkedIn has proven to be more effective, with a growing number of stakeholders subscribing or interacting with content directly through the social platform. As of this reporting period, the DILAPRO LinkedIn page has reached 358 followers, while 147 stakeholders have subscribed to the project's newsletter (see Figure 6). This reinforces the need for cross-platform communication and targeted promotion via social media to broaden the impact of DILAPRO's dissemination actions.

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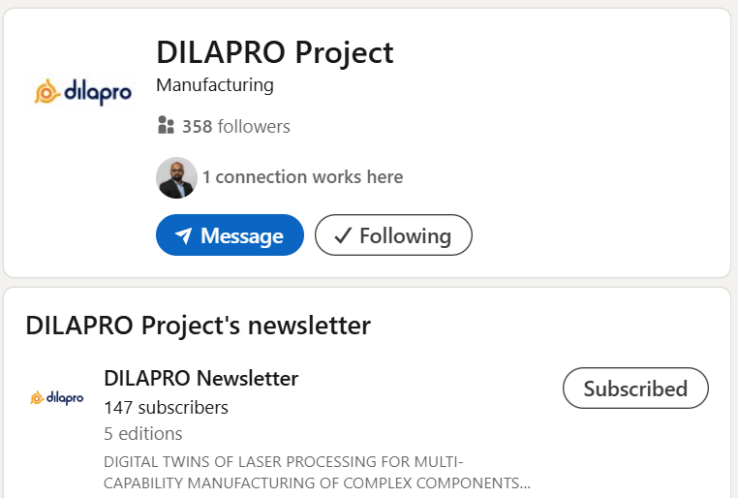


Figure 6 - DILAPRO LinkedIn metrics (followers and subscribers).

6.3 Challenges

Building an engaged and active laser community presents unique challenges, particularly in transitioning members from passive recipients of information to active, contributing participants. Despite successful efforts in information dissemination and increasing project visibility, a key hurdle lies in fostering a two-way communication flow and encouraging the sharing of insights and potential use cases from the community itself.

Currently, DILAPRO's platform and outreach efforts primarily facilitate one-way communication, where information flows from the project consortium to the community. To mitigate this and cultivate a more dynamic, interactive environment, future strategies will focus on implementing mechanisms that actively solicit engagement. This includes dedicated interactive sessions, feedback channels, and collaborative initiatives designed to empower community members to share their expertise and contribute directly to DILAPRO's development and application. The aim is to transform passive observers into valuable collaborators, leveraging their collective knowledge to enrich the project's outcomes and expand its real-world impact.

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6.4 Next Steps for the next 18 months:

To foster a more dynamic and engaged Laser Community, DILAPRO will implement several key strategies. These steps are designed not only to broaden our reach but also to deepen interaction and ensure the community's insights actively shape the project's direction.

- Expand Content Offerings on the LASER Community Platform: DILAPRO will enrich its online platform with a wider variety of valuable content. This includes developing concise technical briefs that highlight specific project innovations and their practical applications and producing engaging video interviews with project partners to showcase the expertise behind DILAPRO. The aim is to provide diverse, accessible formats that cater to different learning preferences, thereby making complex technical information more digestible and appealing, encouraging deeper engagement and knowledge transfer within the community.
- Continue Leveraging LinkedIn for Targeted Engagement: LinkedIn will remain a primary channel for DILAPRO's outreach due to its professional network and targeting capabilities. We will refine our strategy to create more interactive posts, including polls, questions, and discussions, specifically designed to drive traffic back to our project platforms and increase subscriptions to our newsletter. The goal is to move beyond passive information sharing and actively invite dialogue, transforming followers into active participants.
- Increase the Visibility of Subscription Options: To grow our engaged community, DILAPRO will ensure that subscription options for newsletters and updates are prominently displayed across all public-facing dissemination materials and at every event. This proactive approach will simplify the process for interested individuals to join our mailing lists, allowing for consistent communication and direct delivery of project news, event invitations, and valuable content, thereby expanding our core community of interested stakeholders.
- Integrate Insights from the LASER Community into Future Activities: A critical next step is to move beyond soliciting feedback to actively integrating community insights into DILAPRO's strategic planning. This will be achieved through several mechanisms:
    - Dedicated Feedback Channels: Establishing clear, easily accessible channels (e.g., specific survey modules, dedicated email addresses, or interactive forum sections) where community members can submit ideas, suggest use cases, and provide input on emerging trends.
    - Thematic Workshops/Webinars: Organizing specialized online workshops or webinars where community members are invited to present their challenges or ideas related to DILAPRO's focus areas (e.g., digital twin integration, certification methodologies), leading to collaborative problem-solving sessions.

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- Direct Engagement with Advisory Boards: Inviting active community members or representatives to participate in ad-hoc discussions or even potential future advisory groups, offering direct influence on project direction and dissemination strategies.
- "Community Spotlight" Features: Highlighting specific contributions or successful applications shared by community members to incentivize further participation and demonstrate the value of their input.

This structured approach ensures that future clustering and networking activities are not just about DILAPRO presenting its work, but are genuinely shaped by stakeholder expectations and the evolving interests of the broader laser community, fostering a truly collaborative ecosystem.

Conclusion

This Deliverable D5.4 consolidates the efforts undertaken during the first 18 months (M1–M18) of the DILAPRO project to build and sustain a community around advanced laser-based manufacturing technology. Through the coordinated actions of all partners, significant progress has been made in implementing the community-building strategy outlined in D5.1, effectively reinforcing DILAPRO's visibility, stakeholder engagement, and impact across Europe.

The creation of the Laser Community platform has proven to be a key milestone, serving as an open forum for collaboration, information sharing, and cross-sector exchange. Combined with regular participation in strategic events, technical workshops, clustering initiatives, and external training sessions, this initiative has significantly contributed to community consolidation.

A notable outcome has been the increasing impact of social media—particularly LinkedIn—in outreach and engagement. As of M18, the DILAPRO LinkedIn page has grown to 358 followers, and 147 stakeholders have subscribed to the newsletter, with subscription options promoted both via the website and LinkedIn. This underscores the importance of maintaining a strong digital presence and leveraging cross-platform synergies.

Looking ahead, the project will continue to expand the Laser Community content, strengthen clustering links with related EU-funded projects, and deepen engagement through digital channels. These efforts will ensure that DILAPRO not only achieves its technical and scientific goals but also leaves a lasting mark on the European innovation landscape through a strong and interconnected laser processing ecosystem.

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