

14.3 First Dissemination and Communication Report (P1)

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Abstract	This document reports the dissemination activities that took place in the first period of the project (M1-M24).
Keywords	dissemination, communication, events, engagement

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Nature of the deliverable:	R	
Dissemination Level		
PU	Public, fully open, e.g. web (Deliverables flagged as public will be automatically published in CORDIS project’s page)	✓
SEN	Sensitive, limited under the conditions of the Grant Agreement	
Classified R-UE/ EU-R	EU RESTRICTED under the Commission Decision No2015/ 444	
Classified C-UE/ EU-C	EU CONFIDENTIAL under the Commission Decision No2015/ 444	
Classified S-UE/ EU-S	EU SECRET under the Commission Decision No2015/ 444	

* R: Document, report (excluding the periodic and final reports)

DEM: Demonstrator, pilot, prototype, plan designs

DEC: Websites, patents filing, press & media actions, videos, etc.

DATA: Data sets, microdata, etc.

DMP: Data management plan

ETHICS: Deliverables related to ethics issues.

SECURITY: Deliverables related to security issues

OTHER: Software, technical diagram, algorithms, models, etc.



EXECUTIVE SUMMARY

During the first reporting period (M01–M24), QPIC1550 developed and implemented a clear strategy, establishing a strong basis for communication and dissemination. Through a combination of digital tools, promotional materials, and active participation in events, the consortium successfully raised awareness of quantum photonic integrated circuits at 1550 nm and engaged diverse stakeholders across academia, industry, and policy.

Key achievements include the launch of the project website, which exceeded visitor and pageview targets, the establishment of a coherent brand identity, and the creation of active social media channels, with LinkedIn emerging as the most effective platform for professional engagement. Dissemination outputs also comprised four peer-reviewed publications, two newsletters, and the project's first promotional video.

While most KPIs have been met or surpassed, some areas still require improvement, particularly press outreach and newsletter frequency. These gaps will be addressed in the next reporting period through targeted actions and enhanced collaboration with related initiatives.

In summary, the project's communication and dissemination activities have created momentum that will be leveraged for global outreach and sustainable impact. Future efforts will focus on supporting the widespread adoption and deployment of QPIC1550's technologies.

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1 INTRODUCTION

1.1 PURPOSE OF THE DOCUMENT

This deliverable, D14.3 – First Dissemination and Communication Report (P1), presents a comprehensive overview of the communication and dissemination activities undertaken during the initial reporting period of the QPIC1550 project (M1–M24). It outlines the actions implemented, the materials produced, the channels leveraged, and the events attended, all aimed at maximising the project’s visibility, outreach, and overall impact among its target audiences.

The report evaluates the effectiveness of these communication and dissemination activities against the objectives defined for Work Packages 14 and 15, as detailed in deliverable D14.1 – Dissemination & Communication Strategy and Plan. It highlights the main communication and dissemination outcomes, including web and social media analytics, scientific and dissemination outputs, and stakeholder engagement activities.

1.2 STRUCTURE OF THE DOCUMENT

This deliverable is organised into the following main sections:

Section 1 (Introduction) outlines the purpose of the report and its alignment with the dissemination and communication strategy.

Section 2 (Dissemination and Promotion Activities) details the objectives, online tools, offline activities, and stakeholder engagement actions undertaken during the reporting period.

Section 3 (Impact Assessment) evaluates progress against defined KPIs, highlighting successes and identifying areas for improvement. It also provides recommendations and planned actions to strengthen dissemination and communication efforts during the second phase of the project

Section 4 (Conclusion) summarises the activities’ effectiveness and reflects on lessons learned to guide future work.

2 DISSEMINATION AND PROMOTION ACTIVITIES

2.1 OBJECTIVES

As stated in the initial Deliverable 14.1, dissemination, communication, and exploitation activities are crucial for the success of QPIC1550. The consortium is dedicated to maintaining close coordination with the EC and other pivotal initiatives within related domains such as the Quantum Technologies Flagship programme and other relevant photonics and quantum communication projects. In this context, QPIC1550 aims to progressively and systematically engage and mobilise a community comprising major players in the quantum photonic field, including innovators, key stakeholders, standardisation bodies, and relevant technological projects.

For its communication and dissemination ambitions, the project seeks to:

- Provide input on the development of QPIC1550 systems.
- Disseminate, share, exchange, and communicate to relevant communities on how to use, understand, and integrate the project results and associated knowledge.
- Design and implement processes that engage key stakeholders to validate the solution design and functionality.

To fulfil these different objectives, QPIC1550's strategic approach for impactful dissemination and communication encompasses a blend of digital and traditional channels, event participation, collaboration with related research projects and engagement with key stakeholders and EU research initiatives. This plan can easily be structured and visualised (in the figure below) into three defined phases; this document covers the first and second phases.



Figure 1: The QPIC1550 Communication & Dissemination phases

In summary, the three communication and dissemination phases of the project are defined as follows:

- Phase 1 (M1–8) establishes the foundation by launching the website and social media, creating initial communication materials, and presenting the project's objectives at events and workshops.

- Phase 2 (M9–24) focuses on community building, sharing early results through presentations, videos, newsletters, and demonstrator projects, while strengthening stakeholder engagement via targeted events and collaborations.
- Phase 3 (M 25–48) expands to global outreach, publishing scientific outputs, participating in international exhibitions, organizing workshops, and hosting a final promotional event to ensure widespread adoption and lasting impact of QPIC1550’s technologies.

2.2 ONLINE TOOLS AND ACTIVITIES

2.2.1 Brand Identity and Visual Guidelines

One of the first tasks performed under WP14 was the development of the project's brand identity, encompassing a unique logo, colour palette, typography and templates for deliverables and presentations. For this purpose, a comprehensive "Brand Guidelines" document has been distributed to all consortium partners. This document ensures adherence to the visual identity, enhancing the project's professional appearance and ensuring consistency in public engagements. Full details on the brand and visual guidelines were provided in the deliverable 14.1.

2.2.2 Website

The QPIC1550 project’s online presence is centred around its website: www.qpic1550-project.eu. It serves as the primary hub for all project-related information, updates and resources. The website offers five main sections to navigate: About, News, Events, Resources, and Contact.

In the reporting period, the website was visited 2,836 times, which generated 6,714 pageviews, of which 5,005 were unique, highlighting a regular influx of new users. Visitors spent an average of 1 minute and 44 seconds on the site, well above the one-minute target.

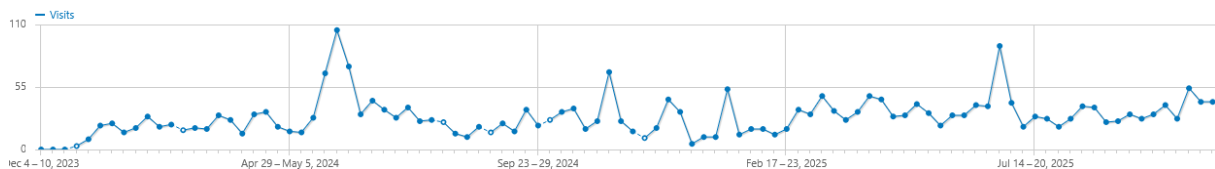


Figure 2: QPIC1550 website - Traffic overview M01-M23

The homepage and consortium section are the most visited landing pages. This suggests genuine interest in the project itself, as it addresses a specific target audience, as well as some curiosity about the consortium membership. However, QPIC1550 should continue to update the website, and especially the news section, highlighting project results and findings to maintain such an interest during the lifespan of the project.

Pages

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PAGE URL	UNIQUE PAGEVIEWS
/index	1,783
consortium	902
about	380
press-releases	218
latest-news	186
deliverables	139
/publications	120
event	105
events-qpic1550	86
presentations	74
newsletter	71
qpic1550-publication-in-nature-journal	63
/latest-news	58
videos	58
contact	44
/about	37
qpic1550-project-launches-to-pioneer-the-use-of-photonics-at-quantum-level	36
two-days-of-innovation-and-collaboration-for-the-qpic1550-partners-in-florence	35
/promotional-materials	31

Figure 3: QPIC1550 pageviews list

In terms of traffic sources:

- 62,3% of visits (1,767 entries) were direct, demonstrating the effectiveness of QPIC’s outreach campaigns and communications strategy in building direct awareness and recall of the website.

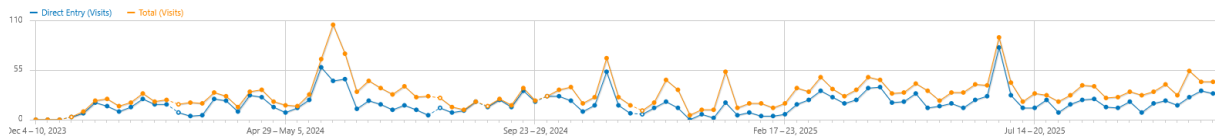


Figure 4: QPIC1550 website - Direct visits overview M01-M23

- 19,5% of visits (552 entries) were referred via search engines, indicating strong performance in terms of search engine optimisation (SEO) and discoverability for relevant queries.
- and 9,1% we (257 entries) were from social networks, mainly LinkedIn, highlighting the strategic choice to use this social media network over X.

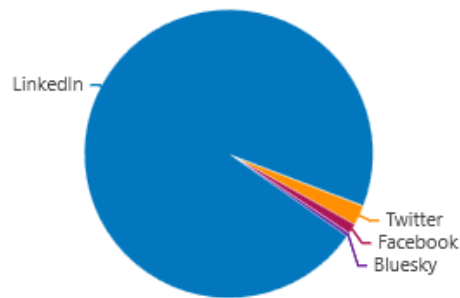


Figure 5: QPIC1550 - Social networks acquisition traffic M01-M23

2.2.3 News items and press releases

The QPIC1550 consortium has been sharing project updates, achievements, and insights through news items disseminated via the project website and promoted further via social media, newsletters and press releases, ensuring stakeholders stay informed of the project's progress, achievements and participation in events and ensuring visibility and engagement from the target audiences.

From M01 to M24, the project published over 30 news items on various relevant subjects (<https://qpic1550-project.eu/latest-news/>), ranging from updates on the work conducted and technological advancements, papers published by the consortium and events attended by project partners.

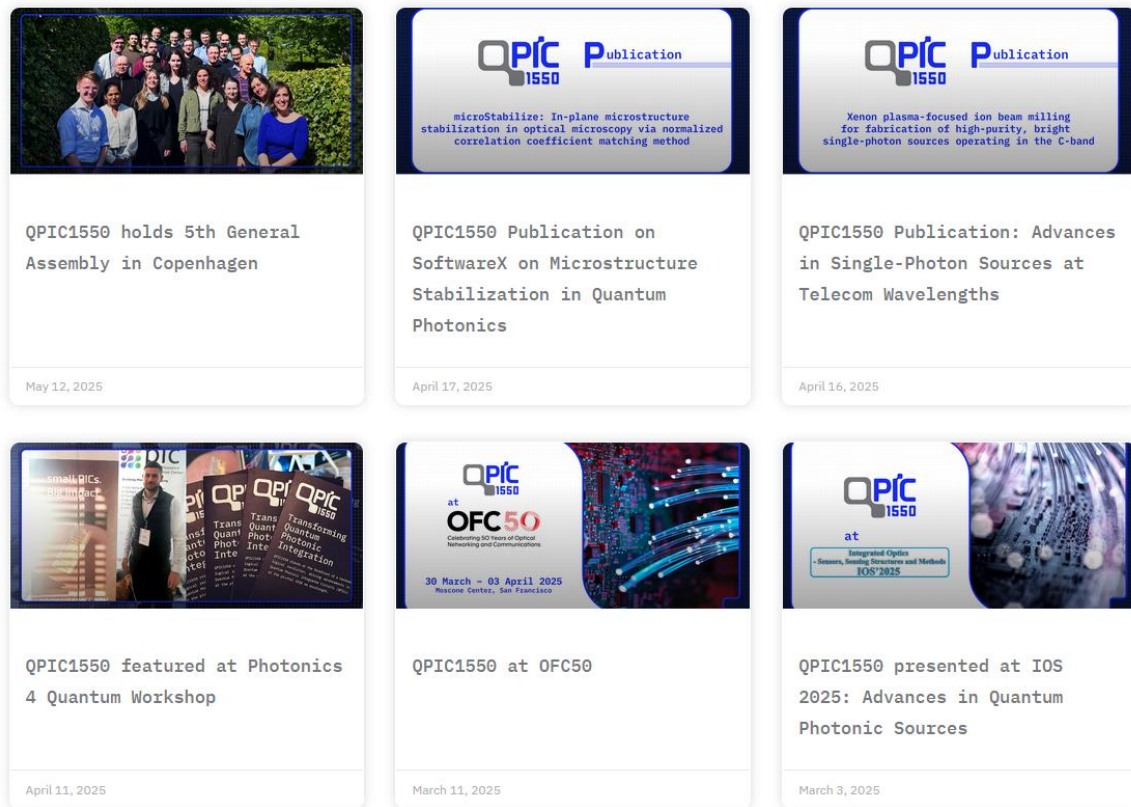


Figure 6: The news section of the QPIC1550 website

Additionally, one press release (<https://qpic1550-project.eu/press-releases/>) has been published, the one marking the start of the project. It was sent to 97 journalists and media contacts.

2.2.4 Social media platforms

During the two first years of the project’s lifespan, QPIC1550 has leveraged social media platforms such as LinkedIn, YouTube, and X/Twitter to engage with a wider audience. These channels facilitated information flow on edge computing challenges and solutions, showcased QPIC1550's contributions to the field and connected the project with the different communities interested in its outcomes. All the information was shared with the aim to promote project outputs and activities, as well as engage with a broader audience, and foster community discussions around project themes. Below is an overview of all social media channels used by QPIC1550.

2.2.4.1 LinkedIn

QPIC1550’s LinkedIn account was established at the very beginning of the project to supplement the website and drive traffic to it. The profile allowed the consortium to promote the project to a broader audience, including businesses, universities, SMEs and research centers. To encourage exchanges, the project partners’ LinkedIn pages are being mentioned and tagged accordingly. By M23, QPIC has 560 followers.

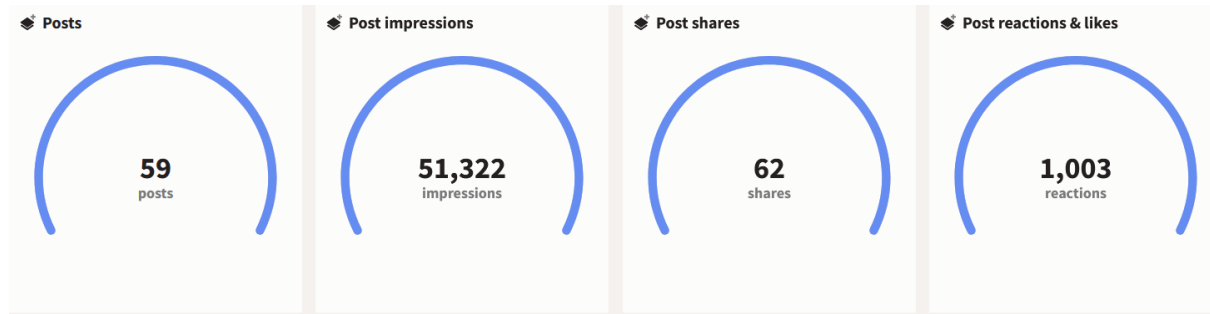


Figure 7 - QPIC1550 LinkedIn account performance highlights M01-M23

2.2.4.2 X/Twitter

The QPIC1550 X (formerly known as Twitter) account has been active as well since December 2023 to promote the project and share relevant news and events. It was established to help the consortium to establish meaningful connections with an active and relevant audience, including academics, researchers, developers and the general public. However, as some other European research projects did, and in Europe in general, the project moved away from X. There was no post on this social media channel since June 2025, and consequently audience and engagement declined. This platform is now only used for monitoring some actors from the field.

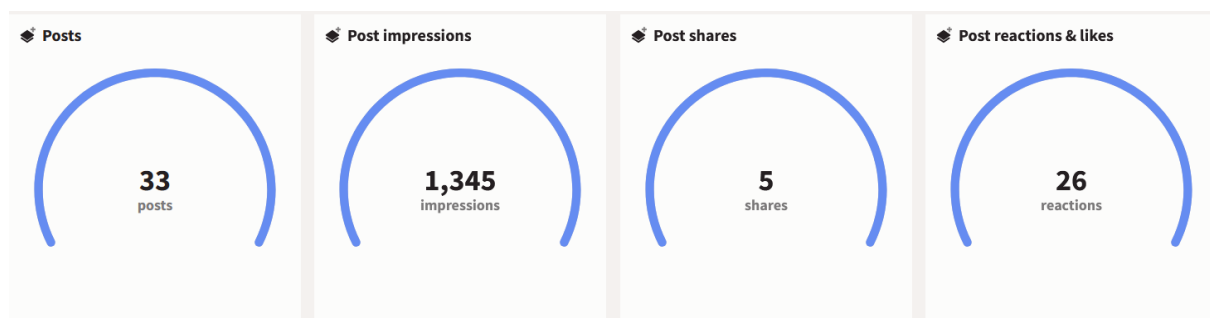


Figure 8 - QPIC1550 Twitter account performance highlights M01-M23

2.2.4.3 YouTube and videos

QPIC1550 launched its YouTube channel in May 2024, releasing its first video *Meet QPIC1550: The Future of Integrated Quantum Photonics at 1550nm*, in June 2025 - *Meet QPIC1550: The Future of Integrated Quantum Photonics at 1550nm* (<https://youtu.be/Ya0O2lhRsDQ?si=g8tl1218lhMa0X-T>). The video, featuring voices from the consortium, introduces the project's goals, expected results, and impact. By M23, it had gathered over 340 views on YouTube.

Shorter clips shared across social media achieved broader reach, with 1,828 views on LinkedIn and 86 on Twitter, confirming LinkedIn as the most effective platform for engaging the professional community. These results highlight the value of producing more short-form, and cross-promotion with consortium partners to maximise visibility and impact.

2.2.5 Newsletters

Two newsletters of the project have been sent, providing curated content on project developments and outputs, and upcoming events. The newsletters have been distributed to a growing list of subscribers interested in QPIC's activities.

The design of each newsletter was aligned with the QPIC1550 brand identity and fully responsive to ensure its full readability on any device. All consortium members provided relevant information to ensure that the content of the newsletter was engaging, accurate, and timely. All issued newsletters have been uploaded on the QPIC1550 website, under the dedicated newsletter section (<https://qpic1550-project.eu/newsletter/>).

A mailing list based on subscription has been created, giving the possibility to share the newsletter via a mass mailing functionality. Interested parties can subscribe to the newsletter directly on the project website. Since the beginning of the project, two newsletters, presented below in Figure xx, have been issued and distributed to up to 45 direct subscribers. Once published, the newsletters were also promoted on the project social media channels so that they could reach a broader audience.

Figure 9: The two QPIC1550 newsletters

2.2.6 Publications and e-publications

For the QPIC1550 project, disseminating research findings and developments through publications and e-publications is a cornerstone of the communication and engagement strategy. All scientific outputs from QPIC1550 are committed to OA policies to ensure broad distribution and accessibility.

To date, four papers developed as part of the QPIC1550 project have been published, all peer-reviewed. Another publication by POLIMI is expected to be published in the coming weeks.

Table 1: List of publications

Title	Authors	Journal	Date
Near-critical Stranski-Krastanov growth of InAs/InP quantum dots	Y. Berdnikov, P. Holewa, S. Kadkhodazadeh et al.	Sci Rep	October 2024
Xenon plasma-focused ion beam milling for fabrication of high-purity, bright single-photon sources operating in the C-band	M. Jaworski, P. Mrowiński et al.	Optics Express	October 2024
MicroStabilize: In-plane microstructure stabilization in optical microscopy via normalized correlation coefficient matching method	M. G. Mikulicz	SoftwareX	February 2025
Solid-state single-photon sources operating in the telecom wavelength range	P. Holewa, A. Reiserer, T. Heindel, S. Sanguinetti, A.Huck, and E. Semenova	Nanophotonics	May 2025

2.3 OFFLINE ACTIVITIES

2.3.1 Promotional Materials

As planned, the QPIC1550 project has developed a series of promotional materials aligned with its brand identity to effectively disseminate the project's objectives and achievements.

A brochure was created to communicate the project’s scope and key objectives, as well as a roll-up banner to provide concise information about the project at a glance. Both materials are downloadable on the website under the dedicated landing page (<https://qpic1550-project.eu/promotional->

materials), and available to the partners to support their presence at conferences and other events to capture the attention of potential collaborators and users.

Join us in shaping the future of quantum technology. Explore the innovations of QPIC1550 today!

WANT TO LEARN MORE? VISIT THE WEBSITE

info@qpic1550-project.eu

@QPIC1550 @QPIC1550
 qpic-1550 qpic1550-project.eu

CONSORTIUM

QPIC1550 brings together some of Europe's most prestigious research institutes and tech companies. This consortium combines expertise in quantum technologies, photonics and integrated circuits to deliver cutting-edge solutions for a quantum-secure future.

A DYNAMIC NETWORK OF NINE PARTNERS

QPIC 1550

Transforming Quantum Photonic Integration

QPIC1550 stands at the forefront of a technological revolution, driving advancements in Quantum Photonic Integrated Circuits (QPICs) at the pivotal 1550 nm wavelength.

Funded by the European Union

Figure 10: QPIC1550 project brochure

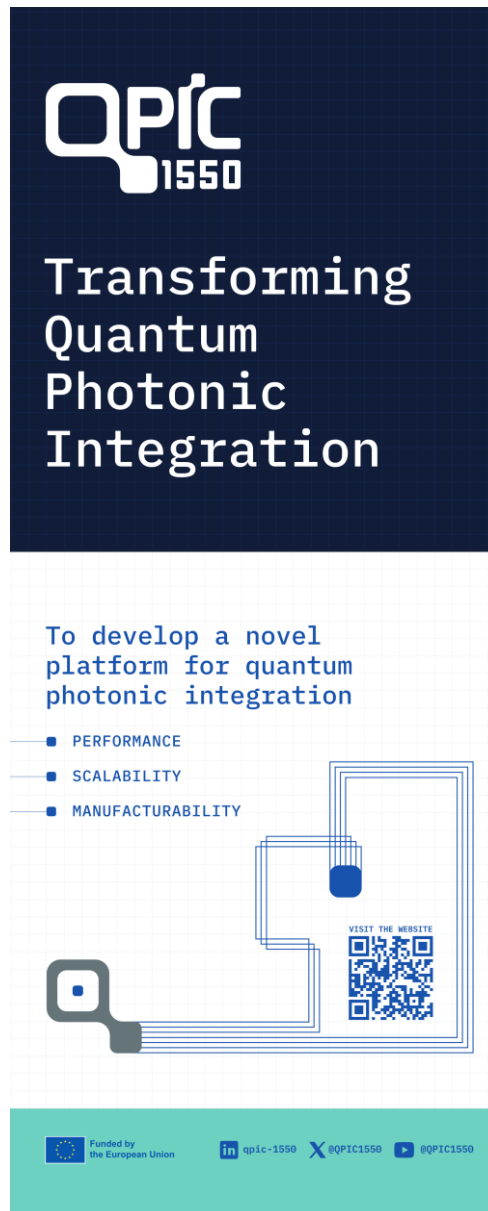


Figure 11: QPIC1550 project's introductory roll up

2.3.2 Events

Events play a crucial role in the dissemination and networking strategies of the QPIC1550 project. Participation in both industry and academic events is essential for enhancing visibility, fostering collaborations and showcasing the project's advancements and outcomes to diverse audiences.

In this regard, the QPIC1550 consortium has actively participated in a variety of events that align with the project's technical focus and strategic dissemination goals: **a total of 27 events were attended by the consortium members**, ranging from conferences to scientific events and training workshops. These events were crucial not only to meet and initiate future collaborations with related initiatives, but to engage with the industry for sustainable impact. Some of the events attended by the consortium have been listed below.

12th International Conference on Quantum Dots (QD2024) – March 18-22, 2024; Munich, Germany

Consortium partner DTU delivered a talk, titled “Heterogeneous on-chip Integration of QD-based quantum photonic devices operating in the telecom C-band,” at a leading event focused on quantum dot technology. It highlighted the latest progress in integrating quantum dot (QD)-based photonic devices with on-chip systems, specifically targeting operation in the telecom C-band.

<https://qpic1550-project.eu/dtu-presents-advancements-at-qd2024-conference/>

Optical Fibre Conference (OFC) 2024 – March 27, 2024; San Diego, United States of America

During this international conference, consortium partners from QTI delivered a talk about "Photonic Integrated Circuits for Quantum Communication" to share first updates and insights from the project with research community.

<https://qpic1550-project.eu/qti-at-ofc-2024/>

Culture Night 2024 – October 11, 2024; Copenhagen, Denmark

Consortium partner DTU participated in the annual Culture Night in Copenhagen, a major science outreach event aimed at bringing cutting-edge research to the public. DTU’s basic quantum research group hosted a showcase featuring live Quantum Key Demonstrators, providing visitors with a unique opportunity to explore the fundamentals of quantum research. The event was an occasion to engage with a new audience, eager to learn how quantum technology impacts everyday life.

<https://qpic1550-project.eu/dtu-at-culture-night-2024-in-copenhagen/>

Single Photon Workshop 2024 (SPW2024) - November 18-22, 2024; Edinburgh, Scotland

At this international event, dedicated to single-photon technologies, Politecnico di Milano (POLIMI), represented by Simona Sorrentino, showcased a poster titled “From front-side to back-side illumination of InGaAs/InP SPADs for photon detection efficiency enhancement.” This poster detailed some of the recent progress from the project to an audience gathering academics, researchers, and policymakers.

<https://qpic1550-project.eu/politecnico-di-milano-poster-session-at-single-photon-workshop-2024/>

13th Optoelectronics and Photonics Winter School on Artificial Intelligence for Telecom (AIT 2025) – January 19-25, 2025; Monte Bondone, Italy

During the AIT 2025, Prof. Adonis Bogris from the University of West Attica (UWA) presented a talk that underscored the role of photonic technologies in computing and highlighted contributions from QPIC1550 and several European projects. The Winter School gathers PhD students and young

researchers from around the world for an immersive week of lectures delivered by international experts.

<https://qpic1550-project.eu/qpic1550-partner-uwa-in-ait-2025/>

Integrated Optics – Sensors, Sensing Structures and Methods (IOS 2025) – February 24-28, 2025; Szczyrk, Poland

Marcin Syperek, from Wrocław University of Science and Technology (PWR) presented the latest developments from the QPIC1550 project, during a session dedicated to Application of Optoelectronic and Photonic Systems, with a presentation titled “Deterministic fabrication of cavity-coupled quantum dot single-photon source for quantum photonic applications.” The IOS conference gathered experts from around the world to discuss the latest technological and scientific advances in optoelectronics and photonics.

<https://qpic1550-project.eu/qpic1550-presented-at-ios-2025-advances-in-quantum-photonic-sources/>

International Conference on Numerical Simulation of Optoelectronic Devices (NUSO) 2025 – September 18, 2025; Łódź, Poland

At NUSOD 2025, Davide Orlandelli, PhD student from POLIMI, shared the latest project advancements and the promising performance. For this presentation, he won the Best Student Presentation Award. This conference gathered academic researchers, device engineers, and software developers to discuss the advancement and the practical use of numerical methods in photonics and electronics.

<https://www.nusod.net/lodz-2025/program-lodz-2025/>

2.3.3 Collaboration with related initiatives

The project’s consortium is committed to establishing and fostering synergies with related projects and initiatives, leveraging existing networks to maximise the impact of its research and technological developments. Its integration with strategic initiatives such as EuroQCI and the Quantum Flagship Initiative exemplifies alignment with broader EU research and innovation objectives.

QPIC1550 contributes to EuroQCI’s goals by advancing quantum communication technologies through the development of quantum photonic integrated circuits. Many consortium members are already engaged in EuroQCI activities, facilitating direct technology transfer and integration. In parallel, the project also supports the Quantum Flagship Initiative’s ambition to position Europe at the forefront of quantum technologies by delivering scalable and high-performance photonic devices.

Alongside these high-level alignments, several collaborations are already taking shape:

- Through the EuroTech Postdoc Award, hosted by DTU with TU/e as co-host, early synergies laid important groundwork for QPIC1550 and initiated bottom-up research collaboration.

- A close collaboration is also underway between QPIC1550, through TU/e, and the EIC Pathfinder project QuGANTIC, focusing on the heterogeneous integration of InP-based devices on SiN-based ultra-low-loss waveguides, with joint progress on processing, bonding, and phase modulator design.
- Within the Dutch National Growth Fund PhotonDelta, TU/e envisions collaboration with the Dutch quantum industry on InP-based SPADs, with a second phase of funding starting in January 2026, where learnings from QPIC1550 will be leveraged.

These collaborations, at different stages of maturity, illustrate how QPIC1550 is already involved in a dynamic ecosystem of cooperation. They provide a strong basis for future collaborative outreach activities and reinforce the project's role as both contributor to and beneficiary of Europe's quantum and photonics landscape.

3 IMPACT ASSESSMENTS

3.1 PROGRESS TRACKING AGAINST KPIS

The communication and dissemination strategy for the QPIC1550 project has been monitored since its inception. A set of Key Performance Indicators (KPIs) was defined in D14.1 to guide and evaluate the effectiveness of key activities and ensure alignment with the project's strategic objectives. The below table summarises the progress made against these KPIs as of M23.

Overall, the project has met or exceeded the majority of its performance indicators. The website has significantly outperformed expectations, attracting over 2,800 unique visitors and generating more than 6,700 page views, well above the respective targets of 1,000 and 1,500. The geographic reach, with visitors from 64 countries, demonstrates strong international visibility beyond the European Research Area, where all consortium members are based.

Social media engagement presents a mixed outcome. The volume of posts (92) across LinkedIn and X (formerly Twitter) has exceeded the target, reflecting consistent activity. LinkedIn has shown particularly strong performance, reaching 560 followers against a target of 150. In contrast, Twitter engagement remained low (21 followers), which aligns with the consortium's strategic decision to phase out activity on the platform—a trend observed across European research initiatives. The strong uptake on LinkedIn suggests that the project has successfully identified and reached its audiences.

Newsletter dissemination is an area requiring improvement. Only two newsletters have been issued to date, falling short of the target of three. The mailing list currently includes 45 subscribers, below the expected threshold of 80.

Press outreach has also underperformed, with only one press release distributed and 97 journalists contacted, compared to a target of 200.

Scientific dissemination has exceeded expectations, with four peer-reviewed publications delivered to date. Promotional video efforts have also met and surpassed viewership goals, contributing positively to the project's visibility.

In summary, while the communication and dissemination activities are on track and performing well against most KPIs, targeted improvements are required to address specific gaps. These improvements—outlined in the following section—will support the project's communication efforts and ensure those efforts remain effective through to the end of the project.

Table 2: Progress tracking against KPIs

Measure	Indicator	Target at M24	Achieved at M23
Website	Number of website visitors	>1000	2,836
	Number of total page views	>1,500	6,714
	Average session duration	>00:01:00	00:01:44
	Countries reached	>15	64
Promotional materials	Number of brochures and flyers produced	2	2
Social media	Followers	Twitter: >150	21
		LinkedIn: >150	560
	Posts	>60	92
Press releases	Number of press releases distributed	>2	1
	Number of journalists contacted	200	97
Newsletters and Mailing list	Number of newsletters sent	3	2
	Number of subscribers in project mailing list	>80	45
Promotional videos	Number of videos	1	1
	Number of views	100	340
Scientific publications and White papers	Number of papers published	3	4
Participation at external events	Number of events attended to disseminate the project	20	29
Liaison with related projects	Number of projects liaised with	4	1

3.2 NEXT STEPS

Looking ahead to Phase 3 (M25–48), QPIC1550 will consolidate its ongoing dissemination and communication activities to continue raising awareness and promoting project results. The website, which is at the centre of the dissemination and communication strategy, will remain the primary medium for showcasing outputs, outcomes, and impact, ensuring transparency and accessibility for stakeholders worldwide. By maintaining a steady stream of digital content, QPIC1550 will further leverage its LinkedIn community and strengthen engagement through regular newsletters.

Consortium members will sustain their already high level of participation in international events and exhibitions, using these platforms to present project findings to global audiences and foster new collaborations.

In parallel, activities will focus more on supporting widespread adoption and ensuring lasting impact beyond the project's duration. Planned actions include:

- **Further development and distribution of promotional materials** to reinforce visibility and outreach.
- **Organisation of workshops and exploitation activities** to engage stakeholders directly, explore adoption pathways, and maximise outreach in collaboration with related European initiatives.
- **Hosting a final promotional event** to present consolidated project results to stakeholders, ensuring broad dissemination and acknowledgement of QPIC1550's achievements.

As originally outlined in the communication and dissemination strategy (14.1), each activity builds on the previous one, ensuring a constant progression from awareness to community engagement and global outreach. This structured approach enables QPIC1550 to maximise visibility, strengthen stakeholder involvement, and favour the adoption of its outcomes across multiple sectors.

4 CONCLUSION

The first dissemination and communication report demonstrates that QPIC1550 has successfully established its visibility and outreach strategy, achieving strong performance across most indicators. The project has built a recognisable brand, launched an effective online presence, and engaged stakeholders through publications, events, and social media.

While certain targets — notably press outreach and newsletter distribution — remain below expectations, the consortium recognises that more regular content production will naturally enable a higher frequency of newsletters and, in turn, broaden the subscriber base over time. Regarding media engagement, the project will remain prudent in the immediate term, while preparing to leverage the key outputs when they can deliver maximum impact.

In conclusion, the consortium's efforts during M1–M24 have created a solid foundation for impactful dissemination and communication. These achievements will be leveraged in the next phases to broaden international visibility, strengthen industry engagement, and ensure that QPIC1550's innovations in quantum photonics reach and benefit the widest possible audience.