D14.1 Dissemination & Communication Strategy and Plan

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Abstract	This deliverable defines and describes the dissemination and communication strategy and set of activities that will be pursued by the QPIC1550 partners to guarantee broad and effective visibility, promotion and up-take of the project's work and outcomes.
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* 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.

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EXECUTIVE SUMMARY

The QPIC1550 project, funded under the EU's HE programme, aims to fundamentally enhance QPICs by integrating single-photon sources and detectors with advanced photonics on a single chip at the pivotal 1550 nm wavelength. This initiative seeks to catalyse advancements in quantum computing, secure communications, and high-precision sensing, which are critical for the development of the Quantum Internet.

WP14 of QPIC1550, dedicated to "Dissemination, Communication and Engagement", covers essential activities designed to efficiently communicate the project outcomes and engage both the scientific community and the public. This includes maintaining a dynamic web presence, using a mix of modern communication tools (e.g. videos, social media) and implementing extensive dissemination activities to promote the project's innovative technologies and their potential applications.

This document represents Deliverable D14.1, the Dissemination and Communication Strategy and Plan, scheduled for M06 of the project timeline. It lays out the foundational strategies for promoting QPIC1550's ground-breaking approaches and expected impacts on future quantum technologies. The strategy highlights the development of a comprehensive project website as a central information hub, the use of social media platforms to foster community engagement, and aligns dissemination efforts with significant European quantum initiatives.

The goals of WP14, which will run in the first period of the project M01-M24, are to boost the visibility of QPIC1550, to build a network of stakeholders from various sectors including academia, industry, and policy-making, and to ensure effective dissemination of research outputs and technological breakthroughs. The project website will serve as a crucial resource, offering:

- An overview of the QPIC1550 project's objectives and milestones.
- Regular updates and news showcasing project progress and achievements.
- A repository of publications, technical papers, and presentations produced by the project.
- Announcements of upcoming workshops, conferences, and other events.
- Interactive platforms to facilitate collaboration and dialogue among project stakeholders.

With the objective of positioning QPIC1550 as a leading initiative within the EU's quantum technology development efforts, this strategy focuses on creating synergies with related projects and leveraging extensive networks to extend its reach and enhance its impact. The strategy will be continuously refined, guided by ongoing feedback from the consortium members, industry stakeholders, and the broader quantum technology community.

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ABBREVIATIONS

ADRA AI, Data and Robotics Association

EC European Commission

ETSI European Telecommunications Standards Institute

HE Horizon Europe

ICT Information and Communication Technology

KPI Key Performance Indicator

M Month

OA Open Access

QPIC Quantum Photonic Integrated Circuit

WP Work Package

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1 INTRODUCTION

1.1 PURPOSE OF THE DOCUMENT

This document, crafted within Work Package 14 (Dissemination, Communication, and Engagement) of the QPIC1550 project, defines the comprehensive strategy for communication, dissemination, and engagement. It specifies the extensive activities designed to ensure the project's visibility, impact, and the widespread adoption of its outcomes. The plan delineates a structured approach to various outreach activities that will be executed throughout the project's lifespan by consortium members, aimed at achieving the following objectives:

Visibility and Awareness: Enhance the visibility of the project and raise awareness about its ground-breaking quantum photonic integrated circuits and their potential applications in various sectors.

Stakeholder Engagement: Engage a diverse spectrum of stakeholders, including industry partners, academic institutions, policymakers, and the quantum technology community, to foster collaboration and support.

Adoption of Technologies: Facilitate the broad adoption of developed quantum photonic technologies, demonstrating their benefits and applications in secure communications, quantum computing, and sensing.

Scientific and Technical Contribution: Contribute significantly to the fields of photonics and quantum technologies, influencing future research directions and technological standards.

Collaboration and Liaisons: Establish and maintain robust collaborations with related initiatives and projects within the European Union’s Horizon Europe framework to leverage synergies and enhance project outcomes.

Training and Demonstrations: Organize specialized training sessions and demonstration events to showcase the capabilities of the QPIC1550 technologies, aiming to educate stakeholders and promote practical applications.

This strategy serves as a roadmap for disseminating the innovative results of the QPIC1550 project, ensuring that the advancements in quantum photonic technologies reach and influence the appropriate audiences and sectors.

1.2 STRUCTURE OF THE DOCUMENT

The structure of this deliverable is organised as follows:

- Section 1 introduces the QPIC1550 project, outlining its vision, mission, and the context of quantum photonic technology in which the project operates.

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- Section 2 details the project's dissemination and promotion strategy, including the objectives, target audiences, and outlines the communication plans of individual consortium members.

- Section 3 elaborates on the strategic approach to communication, dissemination, and community-building, describing the diverse tools and activities planned in detail.

- Section 4 is devoted to fostering liaisons and collaborative efforts with other relevant quantum technology initiatives and projects.

- Section 5 outlines the indicators for measuring the impact of the project's dissemination and communication efforts.

- Section 6 concludes the document with a summary of the strategic approach and expected outcomes, emphasising the project's role in advancing quantum technologies.

1.3 BACKGROUND AND TECHNOLOGICAL CHALLENGES 1.3

The field of quantum photonic technologies is rapidly advancing, driven by the need for highly secure communication systems, powerful quantum computing platforms, and precise quantum sensing techniques. Traditional optical and electronic technologies are increasingly insufficient to meet the demands of next-generation quantum applications. The QPIC1550 project addresses these challenges by developing QPICs at the 1550nm wavelength, optimised for high performance and compatibility with existing telecommunications infrastructure.

These integrated circuits aim to enable on-chip generation, manipulation, and detection of single photons, facilitating a breakthrough in quantum technology scalability and manufacturability. By leveraging a consortium composed of Europe's leading academic and industry partners, QPIC1550 is set to establish new standards in the field, enhance EU's competitiveness, and contribute significantly to global advancements in quantum technologies. The project uniquely combines innovative quantum dot technologies and silicon nitride photonics to tackle the integration challenges that are critical for real-world quantum applications such as secure quantum communications, distributed quantum computing and ultra-precise quantum metrology.

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2 QPIC1550 DISSEMINATION & PROMOTION STRATEGY

2.1 COMMUNICATIONS OBJECTIVES

Dissemination, communication, and exploitation activities are crucial for the success of QPIC1550 and are intricately woven into various work packages to ensure a unified strategy that significantly impacts the global quantum technology landscape. 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. 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.

A series of dedicated outreach and communication activities will ensure that the following general project objectives are met, following the strategic roadmap detailed in subsequent sections:

- **Development of a unique brand identity:** This will enhance promotional and marketing efforts, ensuring that QPIC1550 is distinct and memorable within the scientific community and industry.
- **Awareness raising:** The goal is to increase the visibility of QPIC1550's innovative results and their potential applications to ensure widespread recognition and adoption within the quantum technology sectors.
- **Stakeholder engagement:** The aim is to reach, stimulate, and engage a broad spectrum of relevant stakeholders to ensure that the project's results are effectively showcased, leading to validation, improvement, and potential adoption of the developed technologies.
- **Facilitation of Sustainability and Exploitation:** By promoting the adoption of innovative solutions based on the QPIC1550 technologies and concepts, the project supports the long-term impact of its scientific and technological advances.

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- **Support of engagement strategies:** The aim is to provide visibility and resonance within the European ecosystem and beyond, fostering significant contributions to quantum technology development and standardisation bodies.

- **Community development and knowledge exchange:** A critical objective involves expanding the project's community by fostering interactions with other EU-funded initiatives and related projects, and facilitate dialogue and knowledge exchange.

To implement the communication and dissemination activities, a matrix (Table 1) will define how tools and channels will be used to communicate the project's outputs (push) and identify means to facilitate synergies (interactive), and make the best use of project outcomes. The communication team will source information (pull) from various activities and deliverables to enhance visibility through social media, workshops, and other platforms.

Table 1: Matrix of Active Communication and Dissemination of Key Content

Activity	Pull	Interactive	Push
Workshops	Participation	Knowledge Exchange	Visibility
Events	Attendance	Engagement	Promotional Activities
Publications	Reader Engagement	Author Interactions	Spread of Findings
Videos	Viewership	Feedback	Broad Distribution
Trainings	Enrolments	Interactive Learning	Skill Development
Social Media	Followers	Posts & Interactions	Content Sharing
Website	Visits	User Feedback	Updates

This framework establishes a comprehensive strategy to ensure effective communication and dissemination of the project's outcomes. The implementation of these activities is designed to maximise the project's visibility and impact, fostering a transformative change in how geospatial data is used and managed globally.

2.2 UNIQUE SELLING POINTS (USPS) OF QPIC1550

As part of the strategic approach to disseminate and communicate the QPIC1550 project's innovations and research outcomes, it's crucial to underline the USPs that distinguish this project within the competitive landscape of quantum photonics. These USPs not only reflect the innovative aspects of the project but also serve as key messages that underscore the project's value and alignment with industry and research advancements. Here is an initial list of USPs that set QPIC1550 apart:

1. **Integrated Single-Photon Capabilities in the C-band:** QPIC1550 pioneers the integration of single-photon generation and detection on a single chip operating in the C-band (1530nm to

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1565nm), aligning perfectly with the standard telecom wavelength. This integration facilitates direct incorporation into existing fiber-optic networks, significantly easing the adoption and implementation of quantum technologies in real-world telecommunications.

2. **Dual Use in Quantum Computing and Communications:** The project's technology is uniquely designed to support both quantum computing and quantum communications, demonstrating dual functionality that enhances its applicability and market potential. This dual-focus allows users to leverage the same device for multiple quantum applications, maximising cost-efficiency and technological utility.

3. **Scalability and High Performance:** The development approach of QPIC1550 focuses on scalability and manufacturability from the outset, intending to transition smoothly from research to pilot line production. The project aligns with existing industry trends in photonic integrated circuit manufacturing, ensuring that the technology can be scaled up for widespread deployment.

4. **Strong Consortium with Industry-Leading Expertise:** The QPIC1550 consortium comprises leading academic institutions and industry partners, including pioneers in the photonic and quantum sectors. This strong partnership ensures that the project is grounded in cutting-edge research while remaining focused on commercialization and practical application.

5. **Commitment to Open Science and Community Building:** QPIC1550 is dedicated to promoting open science principles. By making research findings and technologies available through open access platforms and engaging with the broader scientific community, the project aims to foster innovation and collaboration in the quantum technology field.

6. **Strategic Advisory Board:** The project benefits from the guidance of an Advisory Board (see section 4.2.1) consisting of key experts in the industry, enhancing its strategic direction and ensuring alignment with market needs and technological advancements.

Throughout the project the list of USPs will be continuously updated to accurately represent the evolving progress and advantages of the QPIC1550 solution.

2.3 TARGET AUDIENCES AND KEY MESSAGES

Effective communication and dissemination are essential to maximising the impact of the QPIC1550 project and successfully connecting with the different target groups that the project aims to involve. It is, therefore, crucial to create and implement tailored communication and dissemination mechanisms and tools throughout all stages of the project's rollout. To enhance our communication and dissemination strategy, specific activities for distinct groups will be executed. These tailored efforts aim to convey a precise message to each target audience, ensuring an accurate translation of the QPIC1550 mission and objectives. This approach is designed to create and strengthen engagement with various stakeholders more effectively. Here is a detailed table (Table 2) for the target groups, specific

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targets, and the channels that will be used in the QPIC1550 project based on the needs and outcomes that have been identified:

Table 2: Target Audiences Identified for QPIC1550

Target audience	Expected Results	Communication Channels
End-users (Government & military organisations, Financial institutions, Healthcare organisations, Energy & utility companies, Telecom companies)	Highly-cited publications.	Website, social media, press releases, promotional materials at events, videos, scientific publications, targeted demos.
Academia and Industry	Publication of scientific papers on scalable remote quantum computing; Trainings; Demonstrators.	High impact industry conferences, academic workshops, white papers, technical webinars, participation in EU project portfolios. Targeted demos for industries like aerospace and defence, publications, conferences, outreach events.
Policymakers	Insights for policy recommendations.	Website updates, white papers, newsletters, press releases, scientific publications.
Standardisation Bodies (e.g., ETSI, CEN, CENELEC, ITU-T SG16, IETF, GSMA-IG)	QPIC's compliance with standardisation bodies; Contributions to standards related to quantum technologies and photonic integration.	Engagement in standardisation meetings, workshops, publication of standards-related outputs.
Related Projects and Initiatives (e.g. EuroQCI, Quantum Flagship, EURAMET EMN-Q)	Collaborative efforts & knowledge exchange framework to maximise the individual efforts and boost their impacts.	Joint events, knowledge exchange meetings, publications and webinars, coordinated social media efforts.
General Public and Media	Increase awareness about the security and capabilities of quantum technologies through QPIC1550 advancements. Demonstrate the benefits from end-to-end quantum-secured communication.	Website, press releases, social media campaigns, videos, e-newsletters highlighting project milestones and benefits. Public demonstrations at outreach events

This table organises the communication strategy of the QPIC1550 project by aligning specific needs with target groups and choosing the most effective channels for reaching those groups

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in order to maximise the impact and dissemination of the QPIC1550 project outcomes. The choice of channels reflects the project's intent to engage effectively with different sectors, promoting a broad understanding and adoption of its results.

The following table of key messages for each target audience (Table 3) complements this by providing concise, targeted communication points designed to effectively convey the significance and impact of the QPIC1550 project to each identified group. This dual approach guarantees a cohesive and impactful communication and dissemination effort, maximizing the reach and influence of the project across various sectors and communities.

Table 3: Preliminary Key Messages for Each Target Audience

Target Group	Key Messages
End-users (Governments, Military, Financial, Healthcare, Energy, Telecom)	QPIC1550 enhances secure communications through advanced quantum photonic technology, providing high-performance, low-cost, and compact solutions tailored for QKD systems.
Academia and Industry	Join us in pioneering the next generation of quantum technologies with QPIC1550's open platform that promises high scalability and seamless integration into existing industry processes. QPIC1550 is setting the stage for the Quantum Internet by enabling synchronised quantum nodes across various applications, enhancing security and efficiency in quantum communications. Explore the forefront of scalable remote quantum computing with QPIC1550's cutting-edge integration techniques, fostering significant advancements in quantum connectivity and processing.
Policymakers	QPIC1550 supports policy development by providing critical insights into the secure, scalable implementation of quantum technologies across Europe and beyond.
Standardisation Bodies	Contribute to shaping the future standards of quantum technologies with QPIC1550's innovations in quantum photonic integration and single-photon capabilities.
Related Projects and Initiatives	Enhance collaborative efforts in quantum technologies through QPIC1550's strategic partnerships with key EU initiatives and projects, driving collective progress and innovation.

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General Public and Media	Discover how QPIC1550 is revolutionising quantum technology, making advanced quantum communication and computing accessible and secure for everyone.

This table provides clear and targeted messages that can be communicated across various platforms and media to effectively reach each group, highlighting the benefits and objectives of the QPIC1550 project.

2.4 PRIMARY DISSEMINATION AND PROMOTION CHANNELS

QPIC1550 will leverage a diverse array of dissemination and promotion channels to effectively communicate the project's objectives, developments, and achievements, ensuring extensive visibility and impact. These channels are carefully selected to meet the varied needs of our target audiences, enabling both widespread outreach and detailed engagement.

Online Channels:

- **Project Website:** As the primary information repository, the project website will host comprehensive details about QPIC1550, including its objectives, ongoing activities, technological breakthroughs, and outcomes. The website is designed to be user-friendly and accessible to all stakeholders.

- **Social Media Platforms:** QPIC1550 will use popular platforms like LinkedIn, X (formerly Twitter) and YouTube to engage a broad audience. These channels will be pivotal for regular updates, sharing achievements, distributing video content, and facilitating interactive discussions to maintain community involvement.

- **Newsletters:** Periodic newsletters will provide subscribers with updates on project milestones, highlight significant events, and feature deep dives into technological advancements and innovations achieved by the project.

- **Webinars and Virtual Workshops:** To disseminate knowledge and foster community engagement, QPIC1550 will host webinars and virtual conferences. These online events will target both general audiences and specialised groups, tailored to the specific content and audience interests.

Offline Channels:

- **Scientific Conferences and Workshops:** The project will actively participate in and organise various scientific and industry-specific conferences and workshops. These events will serve as platforms for presenting QPIC1550's research results, facilitating expert interactions, and encouraging potential collaborations.

- **Demonstration events and Training sessions:** Practical demonstrations and training sessions will showcase the applications and benefits of the project's quantum photonic technologies. Targeted at industry professionals, policymakers, and researchers, these

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events will demonstrate the real-world implications and advantages of QPIC1550's innovations.

- **Printed Materials:** At various events, printed materials such as brochures, flyers, and posters will provide stakeholders and attendees with a tangible summary of the project, its objectives, and its technological outputs.

- **Collaboration with Related Initiatives:** QPIC1550 will connect with other EU-funded projects and quantum technology initiatives to enhance dissemination efforts and exploit synergistic results. This will include participating in shared events, co-hosting workshops, and engaging in joint promotional activities to maximise the reach and impact of all involved projects.

- **Industry Engagement:** Through the extensive networks of consortium members, QPIC1550 will reach key industry stakeholders to ensure that the project's developments align with market demands and readiness for deployment. This will facilitate the transition from research to market, ensuring that QPIC1550's outcomes have a lasting impact on the quantum technology sector.

The integration of these diverse dissemination and promotion channels into a unified strategy ensures comprehensive coverage, allowing stakeholders from various sectors to stay informed, engage with the project and leverage its findings and technologies.

2.5 COMMUNICATIONS AND DISSEMINATION PHASES

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 into three defined phases:

Figure 1: The QPIC1550 Communication & Dissemination Phases

Phase 1 - Awareness Creation and Communication Foundation (M01-M08):

In the initial phase, the QPIC1550 project focuses on establishing the foundational elements of its dissemination, communication and engagement strategy. This phase is crucial for refining target groups, selecting relevant communication tools, and informing all stakeholders about the project's objectives and scope. Key activities include:

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- Development and launch of the QPIC1550 website and social media channels.
- Creation of the initial Communication, Dissemination and Exploitation strategy.
- Design and distribution of introductory project materials, such as flyers and presentations.
- Initial participation in major events to present the QPIC1550 objectives and scope.
- Hosting initial workshops and releasing the project's kick-off press release.

Phase 2 - Community Building and Initial Results Dissemination (M09-M24):

This phase aims to engage with key stakeholders actively, disseminate initial project results, and lay a solid foundation for ongoing dissemination and policy-making efforts. Activities planned for this phase include:

- Presenting initial project results through a variety of formats, including a slide-based presentation and awareness-raising videos.
- Enhancing engagement on social media platforms to raise awareness and promote project activities.
- Distributing newsletters and participating in targeted events to promote QPIC1550's early findings and innovations.
- Promotion of initial demonstrator projects and use cases.
- Organising webinars and workshops in collaboration with related European initiatives.

Phase 3 - Global Outreach and Sustainable Impact (M25-M48):

The final phase focuses on supporting the widespread adoption and deployment of QPIC1550's technologies and ensuring a lasting impact beyond the project's duration. This phase includes:

- Further development and distribution of promotional materials and scientific publications.
- Continued updates to the QPIC1550 website with open access publications of project results.
- Active participation in selected international events and exhibitions.
- Organisation of additional workshops and exploitation activities aimed at maximising project outreach.
- Hosting a final promotional event to present the project results to its stakeholders.

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- Extended engagement with relevant initiatives to promote key project results and assess impacts.

Each phase is designed to build upon the previous, ensuring a smooth transition from foundational awareness to deep community engagement and then to global outreach and lasting impact. This structured approach allows QPIC1550 to maximise its visibility, engage stakeholders effectively, and promote the adoption of its outcomes across various sectors.

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3 DISSEMINATION ACTIVITIES

3.1 ONLINE TOOLS AND CHANNELS

3.1.1 Brand Identity and Visual Guidelines

Brand identity is crucial for QPIC1550 as it visually embodies the project's commitment to pioneering quantum photonic technologies, ensuring that all communications are instantly recognizable and coherent across different platforms and media. The QPIC1550 brand identity includes:

- **Colour Palette:** The colour scheme is chosen to reflect the innovative and high-tech nature of quantum technologies, combining deep blues, lighter blues and greys to signify the project's scientific focus.

Figure 2: The colour palette of QPIC1550

- **Logo and Iconography:** The project logo integrates elements that symbolise quantum mechanics and photonic circuits, blending abstract representations of photons and waves to signify the integration of these technologies at the quantum level.

Figure 3: The logo of QPIC1550

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Typography: The primary typeface chosen for the QPIC1550 project is IBM Plex Mono. This typeface is intended for use primarily on headers, titles, sub-titles, and quotes across both online platforms and printed materials such as brochures, flyers, and stickers.

In addition to IBM Plex Mono, the secondary typeface selected for the QPIC1550 project is Calibri. As a standard font, Calibri is suitable for use in office templates exclusively.

This typographic approach ensures a consistent and professional visual identity for InDiCo-Global across various communication channels and materials.

Figure 4: The fonts used in QPIC1550's visual identity

- **Templates:** Standardised templates for deliverables, presentations have been developed and shared with all the project partners to maintain a consistent look and feel throughout the project channels.

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Figure 5: The QPIC1550 Deliverable & Presentation templates' cover pages

A comprehensive "Brand Guidelines" document (see Annex I) has been prepared and 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.

3.1.2 Landing Page and Website

The QPIC1550 project's online presence is centred around its comprehensive website (www.qpic1550-project.eu), which serves as the primary hub for all project-related information, updates and resources. The website includes the sections:

- **Home/About**: Introduces the project and its objectives, with a detailed description of the technologies being developed and the potential impacts. This section also contains the Mission, as well as Vision & Strategy sections, which outline the project's forward-looking perspective and strategic approach to integrating quantum photonic technologies within existing and new applications.

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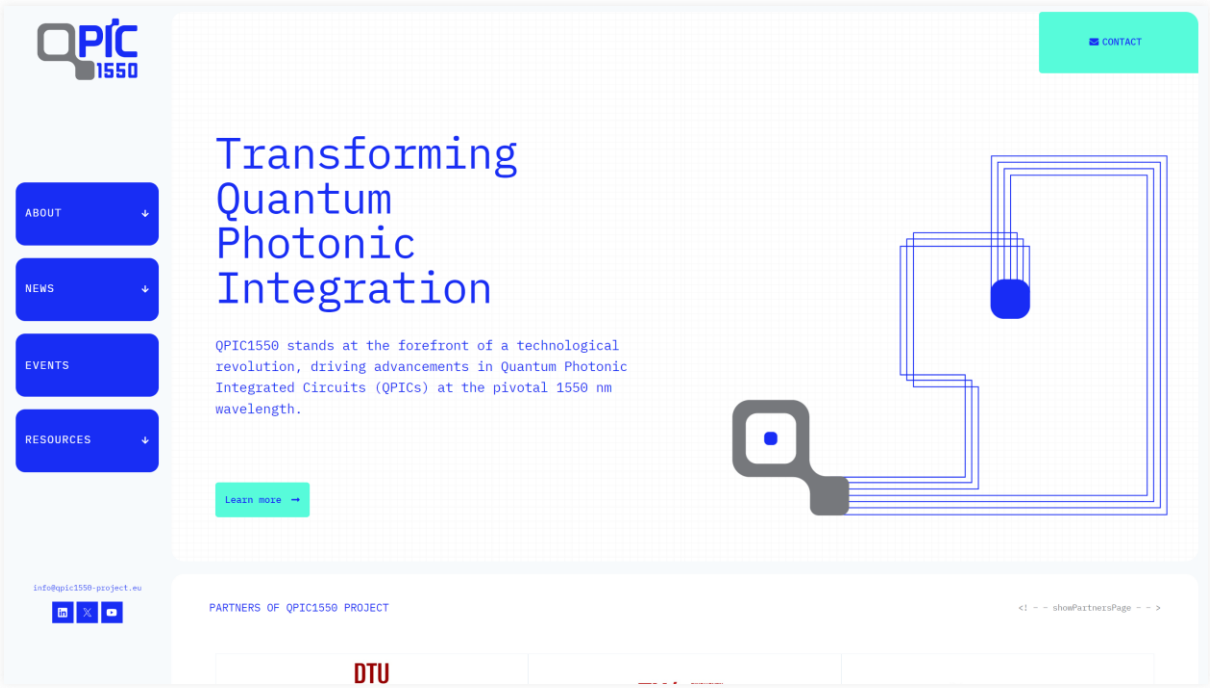
Figure 6: The landing page of the QPIC1550 website



- **News:** Regular updates on project progress, news articles, press releases and highlights from recent activities.
- **Events:** All the upcoming and past events will be featured in this section.
- **Resources:** A repository for accessing public deliverables, research publications, promotional materials, and open-source software developed within the project.
- **Contact Form:** Enables visitors to easily connect with the project team for further information or collaboration opportunities.

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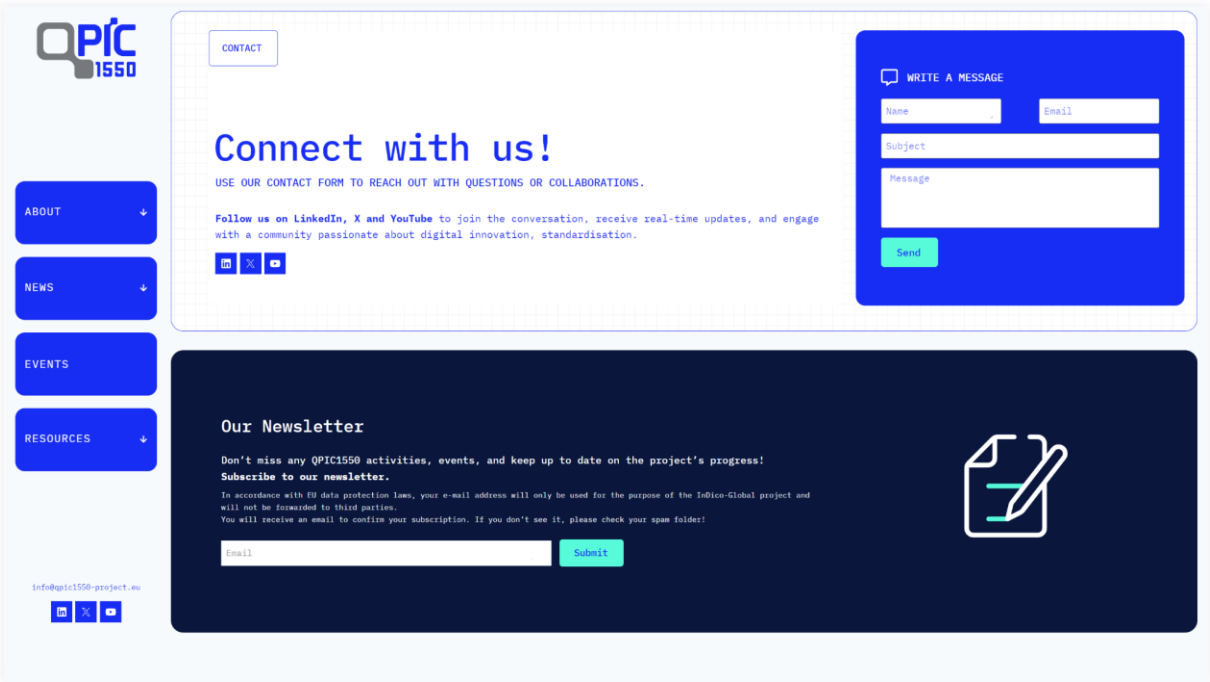
Figure 7: The contact form on the QPIC1550 website



The website is designed with a responsive layout to ensure an optimal viewing experience across all devices, facilitating engagement with a global audience.

At the end of the project a "QPIC1550 Innovations" extra webpage will be also added to showcase the USPs and the outputs of the QPIC1550 solution.

3.1.3 Social Media

QPIC1550 will use a range of social media platforms to engage a broad audience and foster discussions on quantum technologies and photonic integration. The project will be maintaining a dynamic presence on platforms such as Twitter, LinkedIn and YouTube, promoting project activities and encouraging interaction with its target audiences.

Here is a brief overview of the social media channels QPIC1550 will be using:

Twitter/X: For real-time updates, sharing news articles, announcing events and fostering quick interactions. The project will be using specific hashtags to tag relevant posts and engage with the quantum technology community.

LinkedIn: Targets a professional audience, sharing in-depth articles, success stories and event highlights, facilitating networking and collaboration with industry and academic leaders.

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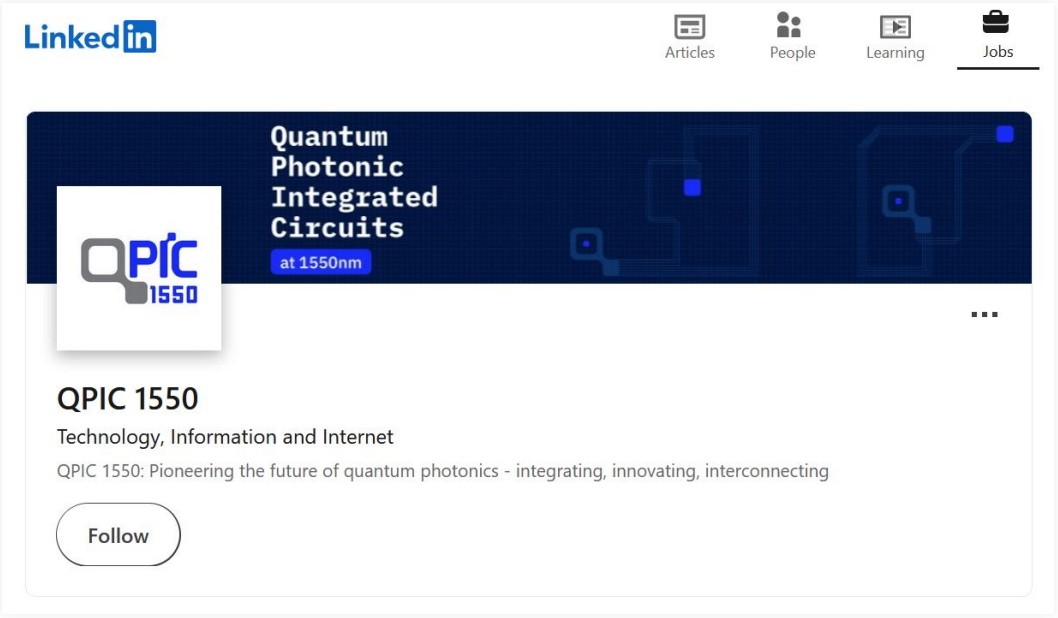
Figure 8: Twitter/X & LinkedIn profile pages



YouTube: Hosts educational and informative videos about the project's objectives and advancements, as well as recordings from webinars and workshops, helping to build a knowledgeable community.

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Figure 9: The QPIC1550 YouTube channel

These platforms will be actively managed to promote the project's research and findings and stimulate global engagement and interaction with interested stakeholders.

To maximise outreach and ensure consistent messaging, QPIC1550 will be amplifying project content through the partners' social media channels and digital outlets, ensuring broader dissemination of information.

3.1.4 Newsletter/Newsflashes

QPIC1550 will be communicating regular updates through newsletters, ensuring stakeholders are kept informed about the project's developments. Newsletters will be issued around every eight months, featuring key milestones, detailed articles on project achievements, updates on ongoing activities, important announcements and a curated list of upcoming events and workshops.

As the project is in its initial stages, the first issue of the newsletter is anticipated to be released in the eighth month following the project's commencement. This initial release will set the tone for subsequent editions and will include essential information about the project's objectives and early developments.

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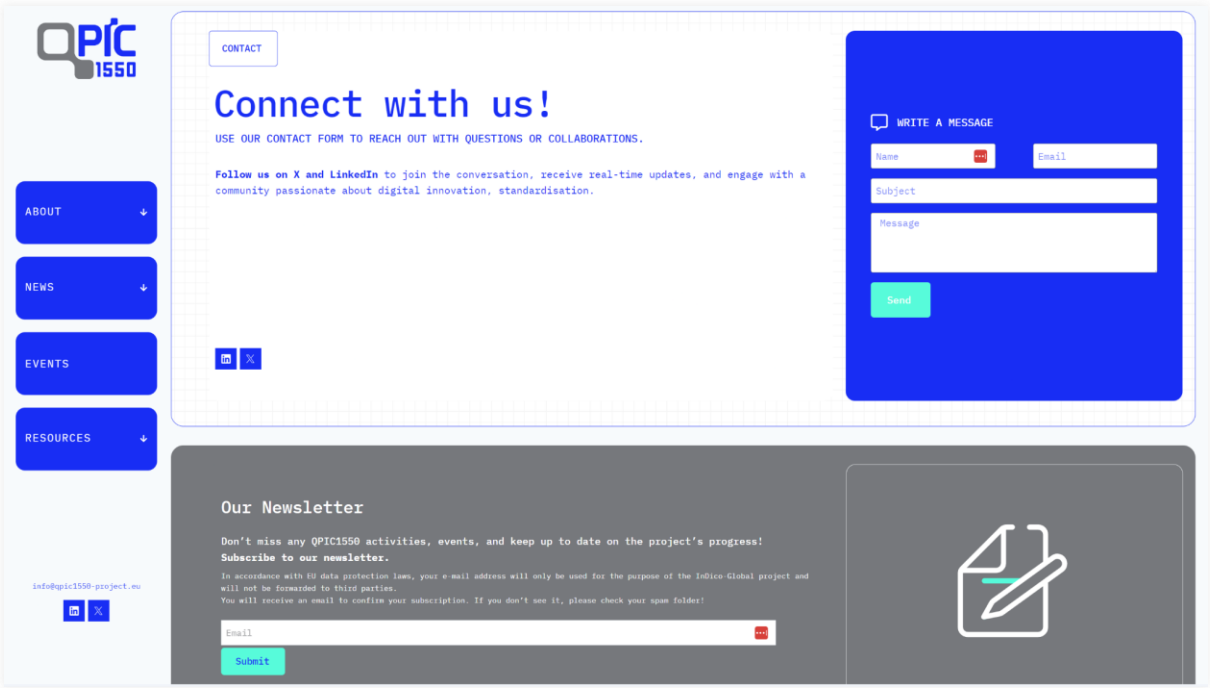
Figure 10: The QPIC1550 newsletter subscription form on the project's website



Anticipating the project's evolving needs, the communication strategy may adapt over time to include more frequent newsflashes, especially when significant developments or immediate announcements need to be shared swiftly with the community.

3.1.5 Press Releases

Press releases will be strategically issued throughout the project to highlight significant milestones and achievements. These will be distributed through various media channels to reach a broad audience, including industry stakeholders, academia and the public.

Approximately two major press releases are planned for the first 24 months of the project, with additional three warranted to announce significant project developments by the project's completion.

To ensure extensive dissemination and impact, press releases will be distributed through national and international media channels.

All press releases will be made available on the QPIC1550 project's website for easy access to all interested parties.

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Figure 11: The 1st press release of QPIC1550

PRESS RELEASE

January 2024

QPIC1550 PROJECT LAUNCHES TO PIONEER THE USE OF PHOTONICS AT QUANTUM LEVEL

In 2021, the quantum computing market generated $458 million in revenue and is expected to grow further at an impressive annual rate of 31.2%. This robust growth means that, by the year 2030, the quantum computing industry is projected to exceed a remarkable $5.274 billion in revenue. This rapid expansion reflects the increasing interest and investment in quantum computing technologies, marking it as a rapidly evolving and highly promising sector.

In this fast-evolving landscape, leading European researchers announce the launch of QPIC1550, a new HORIZON Europe Research and Innovation project. QPIC1550 is the first initiative at a global scale that seeks to demonstrate a purely single photon integrated platform in the wavelength of preference (1550nm) in optical communications.

Quantum Photonic Integrated Circuits (QPICs) are advanced sophisticated circuits that integrate quantum technology with photonics on a single chip, enabling the manipulation of light particles at a quantum level for applications in computing, communication and sensing. The QPIC1550 approach paves the way for using photons in both communication and processing across geographically distant locations, thus reinforcing the bedrock of distributed quantum computing and quantum sensing, fundamental elements for the realisation of the Quantum Internet.

"Our goal is to redefine the capabilities of quantum photonics. By demonstrating the versatility of the QPIC platform across various applications, we aim to chart a new course for quantum technology", stated Marco Menchetti, coordinator of the QPIC1550 project.

The development of advanced Quantum Photonic Integrated Circuits (QPICs) operating at the telecom wavelength of 1550nm is important for several key reasons:

1. **Compatibility with existing telecom infrastructure:** The choice of 1550nm as the operating wavelength is crucial because it aligns with the standard wavelength used in current optical fiber telecommunications. This compatibility means that these advanced QPICs can be integrated into existing fiber-optic networks, facilitating easier and more cost-effective implementation of quantum technologies in real-world scenarios.
2. **Enhanced performance in quantum computing:** QPICs represent a significant advancement in quantum computing. By integrating various quantum components on a single chip, they can process information at the quantum level more efficiently and with greater precision. This leads to potentially faster and more powerful quantum computers.

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3. **Improvement in quantum communication security:** Quantum communication promises unprecedented security. Operating at a telecom wavelength, QPICs can enhance the security of data transmission over long distances, making eavesdropping virtually impossible due to the principles of quantum mechanics.
4. **Facilitating quantum metrology and sensing:** QPICs can significantly improve the precision and accuracy of measurements at a quantum level, which is essential in fields like quantum metrology and sensing. This has wide-ranging implications for scientific research and practical applications in various industries.
5. **Paving the way for the Quantum Internet:** The development of these circuits is a step towards realising the Quantum Internet, which would harness quantum properties for communication and computing. This would revolutionise how information is transmitted and processed, offering speeds and security that are not achievable with current technologies.

ABOUT QPIC1550

QPIC1550 is a 4-year (2023-2027) Research & Innovation project funded by the European Commission's Horizon Europe programme. The QPIC1550 consortium is comprised of 9 esteemed institutions and organisations from 7 European countries: QTI SRL (coordinator), Technische Universiteit Eindhoven, Politecnico di Milano, Danmarks Tekniske Universitet, University of West Attica, Martel Innovate BV, LIGENTEC France SAS, Wrocław University of Technology (Politechnika Wrocławska) and University College Cork. This cross-country network leverages the expertise of its partners in photonics, quantum technologies, and integrated circuits to drive this pioneering initiative forward.

For more information about the QPIC1550 project:

- Email | info@qpic1550.eu
- X (ex-Twitter) | @QPIC1550
- LinkedIn | QPIC 1550

LIGENTEC · Wrocław University of Science and Technology · QTI · MARTEL Innovate · Tyndall National Institute · Πανεπιστήμιο Δυτικής Αττικής · POLITECNICO MILANO 1863

Funded by the European Union

The QPIC1550 project has received funding from the European Union's Horizon Europe Research and Innovation Actions under Grant Agreement No 101135785.

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3.1.6 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. Consistent with the HE guidelines, all scientific outputs from QPIC1550 are committed to OA policies to ensure broad distribution and accessibility.

All peer-reviewed publications resulting from QPIC1550 will be available under an OA licence, enhancing the visibility and impact of the research by facilitating the sharing of knowledge with both the scientific community and the broader public. Publications will be deposited in OpenAIRE-compliant repositories such as Zenodo or the Open Research Europe platform, ensuring that all outputs are readily accessible and align with the EC's directives on scientific publishing.

To maximise scientific impact, the consortium will be targeting high-impact journals and prestigious conferences relevant to quantum technologies, photonic integration and related fields. When deciding for a journal/conference for publication, the consortium will take into consideration the reputation and quality as well as the open-access status of the publication. A target list of journals and portals that the consortium will aim to publish in is:

- Optica
- Optics Express

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- Optics letters
- Journal of Lightwave Technology
- Nature Photonics
- Nature Communications
- Photonics Research
- ACS Photonics
- Quantum Science and Technology
- IEEE Journal of Selected Topics in Quantum Electronics
- IEEE Photonics Journal
- IEEE Transactions on Electron Devices
- Quantum Science and Technology
- Physical Review A
- Scientific Reports
- The European Physical Journal D

These efforts ensure that QPIC1550's research is prominently featured in discussions that shape the future of quantum and photonic technologies, contributing significantly to the field's evolution and application.

3.1.7 Videos

The creation of engaging video content is a central component of the dissemination and engagement strategy. These videos will visually demonstrate the technology, feature interviews with project experts and explain the project's impact on quantum computing and secure communications.

Distribution channels for these videos will include QPIC1550's official website, its YouTube channel and the project's social media platforms. The consortium partners will also ensure widespread dissemination through their channels and maximise exposure to their networks. This broad distribution strategy will target not only the scientific and engineering communities but also policymakers, industry stakeholders and the general public.

The videos will be used for campaigning during key times throughout the project's timeline—such as prior to major conferences, following significant achievements, or in conjunction with public engagement events. This timing will ensure that the videos will not only inform but also

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excite and engage a global audience about the innovations and capabilities of the QPIC1550 project.

3.2 OFFLINE TOOLS AND CHANNELS

3.2.1 Promotional Materials

The QPIC1550 project will develop a series of promotional materials aligned with its brand identity to effectively disseminate the project's objectives and achievements. These materials will be designed to be consistent and professional, enhancing visibility and engagement at various offline and online venues. The following materials will be produced throughout the project's duration:

Promotional flyer & brochure

Detailed flyers and brochures will be created to communicate the project's scope and key objectives. These will be available digitally on the QPIC1550 website and distributed in print at scientific conferences, industry events and workshops. The content will be tailored to appeal to different target audiences, including industry stakeholders, academia and potential end-users in secure communications and quantum computing fields.

Roll-up Banner

The roll-up banner will feature the project's branding and provide concise information about the project at a glance. It will be used at project-related events such as consortium meetings, public presentations and demonstrations, serving as an effective visual tool to attract attention.

Posters

Posters will be custom-designed for display at key scientific and industry events, highlighting the project's innovations and their implications for advancing quantum technologies. These will be prepared in standard sizes like A0 and will include compelling visuals and key information to engage the scientific community and industry experts. Posters may also be localised into different languages to maximise their impact at international conferences.

Customizable Materials

To support the diverse needs of the project partners, customizable templates for posters and flyers will be provided. These templates will allow for easy adjustments, such as the addition of partner logos, specific results and contact details, enabling partners to quickly prepare tailored materials for different events without extensive design efforts.

All promotional materials will include the QPIC1550 logo and an acknowledgment of EU funding to adhere to EU dissemination guidelines. They will also feature quick-reference elements like the project website URL and social media handles to guide interested individuals to more comprehensive online resources.

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These materials will be designed not only to promote the project but also to engage a broad spectrum of stakeholders, enhancing QPIC1550's visibility and impact across the quantum technology sector.

3.2.2 Events

Events play a crucial role in the dissemination and networking strategies of the QPIC1550 project. Participation in both industry and academic events will be essential for enhancing visibility, fostering collaborations and showcasing the project's advancements and outcomes to a diverse audience. This engagement will help convey the project's impact and innovations in quantum photonic integrated circuits to stakeholders in secure communications, quantum computing, and related fields.

The QPIC1550 consortium is committed to actively participating in key industry and academic events to ensure effective dissemination and exploitation of the project results. This approach will not only facilitate direct interaction with potential users and stakeholders but will also help in gathering feedback and fostering partnerships essential for the project's success.

The QPIC1550 consortium plans to participate in a variety of events that align with the project's technical focus and strategic dissemination goals. These events are chosen to target audiences crucial for the project's success, including researchers, industry professionals and potential end-users in the fields of quantum technologies and photonics. Below is a list of planned events where QPIC1550 aims to either attend or have a presence:

Table 4: Relevant events for QPIC1550

No	Event Name	Date	Location
1	SPIE Photonics West 2024	30 January-1 February 2024	San Francisco, California
2	OFC Conference	24-28 March 2024	San Diego, USA
3	Photonics Partnership Annual Meeting 2024	14-15 May 2024	Brussels, Belgium
4	Optics and Photonics Days (OPD) 2024	28-30 May	Helsinki, Finland
5	The International Spad Sensor Workshop (ISSW) 2024	3-6 June 2024	Trento, Italy
6	Quantum Meets 2024	11-13 June	Amsterdam, Netherlands
7	SPIE Optics + Photonics 2024	18-22 August 2024	San Diego, USA
8	Frontiers in Optics + Laser Science (FiO LS) 2024	23-26 September	Denver, Colorado, USA

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9	European Conference on Optical Communication (ECOC)	22-26 September 2024	Frankfurt, Germany
10	SPIE Photonex 2024	30-31 October 2024	Manchester, UK
11	Single Photon Workshop (SPW) 2024	18-22 November 2024	Edinburgh, Scotland
12	European Quantum Technologies Conference (EQTC)	18-20 November 2024	Lisbon, Portugal
13	Conference on Lasers and Electro-Optics (CLEO) Conference	4-9 May 2025	California, USA

Once QPIC1550's research produces findings, those will be presented at current or future editions of these key conferences to ensure widespread dissemination and engagement with the scientific community and industry stakeholders. These events will serve not only as a diverse platform for promoting the project's advances but also as crucial networking platforms, bringing together experts from academia, industry and the public sector.

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4 PLAN OF ACTIVITIES M1 – M48

4.1 WORKSHOPS & EVENTS PLANNED

In addition to attending these significant industry events, QPIC1550 plans to organise workshops and webinars to directly engage with the project's specific stakeholder groups. These events will focus on detailed presentations of the project's results, demonstrations of technology and discussions on potential applications and impact. The strategy encompasses both webinars and in-person events tailored to different audience segments within the quantum photonics community and related sectors.

In Table 5 is a list of the planned schedule of workshops and events for the QPIC1550 project:

Table 5: The QPIC1550 planned events

Event Type	Focus	Expected Date	Location
Webinars	Disseminate ongoing results and technological developments within the project	Quarterly, starting from M6	Online
Workshops	Engage with academic and industrial stakeholders, present detailed project results and gather feedback	Annually, aligned with major industry events	Varies annually; at major international conferences
Public demonstration and technical session	Mid-project demonstration of preliminary results and technology proofs-of-concept	M24	Hosted at a significant EU ICT fair or quantum photonics event
Final showcase event	Final presentation of the project results, showcasing the QPIC1550 solutions to an expert audience	M48	Major European city, potentially in conjunction with a large EU technology or innovation event
Demonstrations	Reach a global audience, particularly targeting potential end-users and international research communities	As needed throughout the project, particularly in the second half (M24-M48)	Online & at public events

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Networking and demonstrations	Integrate demonstrations of the QPIC1550 technology within broader EU ICT and innovation networking events	Throughout the project lifecycle, with specific focus post-M30	Various EU locations based on event schedules

This table outlines the structured approach to engage different audience segments, ensuring comprehensive dissemination and impactful communication of the QPIC1550 project's advancements.

In addition to the events that the partners are either going to participate in or organise, newsletters and promotional campaigns will be designed to promote the project, to make the first project key results openly accessible, to disseminate findings and to ensure visibility. As mentioned in 2.4 a series of promo materials will be developed and distributed in all suitable occasions to frame the communication efforts.

4.2 SYNERGIES WITH RELATED PROJECTS AND INITIATIVES

The project's consortium is committed to establishing and fostering synergies with related projects and initiatives, to leverage existing networks and maximise the impact of its research and technological developments. The project's integration with strategic initiatives such as EuroQCI, the Quantum Flagship Initiative, Photonics21 and the Graphene Flagship exemplifies its alignment with broader EU research and innovation objectives.

QPIC1550 enhances the EuroQCI's goals by improving quantum communication technologies through the development of QPICs, specifically designed for secure communications. Many consortium members are already actively contributing to the EuroQCI, facilitating direct technology transfer and integration. Similarly, the project supports the Quantum Flagship Initiative's aim to position Europe at the forefront of the quantum technology sector by advancing scalable and high-performance quantum photonic devices.

Collaboration with Photonics21 will allow QPIC1550 to contribute to Europe's strategic direction in photonics, particularly in advancing quantum and digital technologies. Through active participation in Photonics21 events and working groups, the project will ensure its outcomes are integrated into the broader photonics industry. Additionally, by working with the Graphene Flagship on integrating graphene and other two-dimensional materials into photonic circuits, QPIC1550 aims to revolutionise the optoelectronic properties of QPICs, enhancing their performance for quantum applications.

The project will also engage with initiatives focused on the next frontiers in communication technologies and artificial intelligence, such as other RIAs under the same call and projects tackling similar topics and projects on 6G, as well as collaborations with the ADRA. These engagements will allow QPIC1550 to ensure compatibility with and enhancement of emerging technologies, particularly 6G. Additionally, some partners are key players in the European networks ePIXfab and JePPIX, bringing together the EU integrated photonics industry. The

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project will make sure to disseminate advancements through their newsletters, roadmaps and other publications.

Planned collaborative activities will include organising and participating in joint workshops and conferences with these initiatives, promoting cross-project learning and potential collaborations. The project also plans to use shared research facilities and platforms to test and scale its quantum technologies and to engage with standardisation bodies such as CEN, CENELEC and ETSI, which are key for the adoption of new quantum technologies across Europe.

Finally, the consortium will engage with the Horizon Results Booster to boost the exploitation potential of QPIC1550 research results and disseminate effectively.

Through these synergistic activities, QPIC1550 not only enhances its own research outcomes but also contributes to a cohesive and integrated European research ecosystem in quantum and photonic technologies. The project is designed to both benefit from and contribute to the broader objectives of these initiatives, ensuring that its developments are aligned with the strategic directions of the EU and the global quantum technology landscape.

4.2.1 Collaboration with the Advisory Board

In enhancing the synergy efforts outlined above, an Advisory Board of esteemed experts is strategically formed to bolster the expertise of the nine consortium partners. This board includes Dr. Luc Augustin, CTO of SMART Photonics; Professor Nikolaj Zinner, a professor at Aarhus University specialising in theoretical physics with a focus on quantum phenomena in solid-state and nanoscale systems, and co-founder of Kvantify, a software company aimed at building solutions that address the most difficult computational challenges for real-life use cases; and Dr. Eng. Antonio Manzalini, Senior Manager at the Innovation Department of TIM.

Their diverse backgrounds and ties to significant industry and academic entities will provide valuable insights and strategic guidance, which are pivotal for advancing the project's objectives. This collaboration will not only enrich the project's resource pool but also enhance its capability to establish meaningful connections with key stakeholders in the quantum photonics landscape. Through regular interactions and consultations with the Advisory Board, the consortium will seek to leverage these relationships to maximise the project’s reach and impact, promoting integration with related initiatives and projects across Europe.

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5 IMPACT ASSESSMENTS

5.1 QUANTITATIVE INDICATORS

The effectiveness of the QPIC1550 Dissemination and Communication Plan will be continuously evaluated throughout the project lifecycle. This will ensure that the project maintains visibility and reaches its target audience effectively. To accomplish this, a series of KPIs have been established. These KPIs will measure the outreach and impact of the project's dissemination activities.

Table 6: QPIC1550 Communication and Dissemination KPIs

Activity	Expected Impact	Related KPI	Results M24	Results M48	Total Target
Website	Main online information hub, communication of project results, news, events. Generated awareness on project	Number of website visitors	>1000	>1000	2,000
		Number of total page views	>1,500	>3000	4,500
		Average session duration	>00:01:00	>00:01:00	00:01:00
		Countries reached	>15	>25	40
Promotional Materials	Facilitate reach to broader audiences	Number of brochures and flyers produced	2	2	4
Social Media	Increasing visibility to stakeholders active in social media, raising awareness and redirecting to website	Number of followers	Twitter: >150	Twitter: >250	400
			LinkedIn: >50	LinkedIn: >100	150
		Number of posts	>60	>80	140
Press Releases	Communication of project news, events and results	Number of journalists contacted	200	200	400
		Number of press releases distributed	At least 2	At least 3	At least 5

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Newsletters and Mailing List	Communication of main project news, events and results in and understandable manner to the project's subscribers	Number of subscribers in project mailing list	>80	>120	200
		Number of newsletters sent	3	3	6
Promotional Videos	Communication of the project's activities and USPs in a captivating and engaging manner	Number of videos	1	2	3
		Number of views	100	300	400
Scientific Publications and White Papers	Scientific validation of project's approach and findings, sharing of knowledge	Number of papers published	3	7	10
Participation at External Events	Validation of project's approach and finding, dissemination of the project and its activities	Number of events attended to disseminate the project	20	20	40
Final Event	Final demonstration and exhibition of the project findings to a large audience	Number of participants	NA	80	80
Liaison with Related Projects	Establish synergies, information exchange and cooperation	Number of projects liaised with	4	6	10

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5.2 QUALITATIVE INDICATORS

Beyond quantifiable metrics, QPIC1550 will employ qualitative indicators to assess the broader impact of its dissemination efforts. These indicators will help measure the level of engagement and interaction within the project's community and the effectiveness of communication strategies.

Media presence serves as a key qualitative indicator, with the project's dissemination team focusing on securing extensive coverage in diverse media outlets. This exposure will aim to enhance public and scientific community awareness about QPIC1550's advancements and milestones.

The project will also emphasise active community management across social media platforms. The goal is to cultivate a well-informed and actively engaged online community. This engagement will be evidenced through discussions, feedback and the sharing of project-related content. Additionally, the growth and activity levels on the project's newsletter subscription list will offer insights into the project's reach and the public's interest in QPIC1550's ongoing activities and results.

These qualitative indicators are vital for understanding the effectiveness of the communication efforts and for making necessary adjustments to maximise the impact of the project within both the scientific community and the broader public.

5.3 PLANNED DELIVERABLES

Table 7 below lists the planned deliverables for the communication and dissemination work package of QPIC1550.

Table 7: The Communication and Dissemination Deliverables

No	Deliverable Name	Lead Partner	Dissemination Level	Delivery Date
D.14.1	Dissemination & Communication Strategy and Plan	MARTEL	PU	M06
D.14.2	Initial Exploitation and Sustainability Plan	QTI SRL	PU	M12
D.14.3	First Dissemination and Communication Report	MARTEL	PU	M24
D.15.1	Update of the Dissemination & Communication Strategy and Plan	MARTEL	PU	M26

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D.15.2	Final Dissemination and Communication Report	MARTEL	PU	M48
D.15.3	Final Exploitation and Sustainability Plan	QTI SRL	PU	M48

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6 CONCLUSIONS

This document delineates the comprehensive Dissemination and Communication Strategy and Plan for the QPIC1550 project, detailing a wide array of activities designed to maximise visibility and impact of the project's innovations. By establishing this strategy at the project's outset, QPIC1550 aims to optimise the impact of communication, dissemination, and stakeholder engagement activities throughout the project's duration.

Since the commencement of QPIC1550, the consortium has initiated several key promotional and communicative activities, which include:

- Developing and launching the QPIC1550 visual identity to reflect the project's innovative and scientific nature.
- Creating and enhancing the project's official website.
- Building and maintaining a dynamic presence on social media platforms such as Twitter, LinkedIn and potentially YouTube.
- Disseminating the initial press release to announce the project's launch.
- Planning and preparing for participation in significant industry events, including ICT fairs and quantum technologies conferences.

The overarching goal of this plan is to ensure that all outreach activities are conducted according to guidelines and within the planned timeframe, maintaining consistency and high standards across all messages, and encouraging all consortium members to actively promote the project.

As the project progresses, activities under WP14, dedicated to dissemination and communication, will intensify. QPIC1550 has established a monitoring and evaluation framework to assess the progress and impact of the implemented strategy. The forthcoming Deliverable D14.3 First Communication and Dissemination, due at M24, will provide detailed insights into the effectiveness of the strategy and the impact of activities undertaken so far. This will guide subsequent efforts to ensure the project achieves its intended outreach and impact.

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7 ANNEX 1 – QPIC1550 PROJECT BRAND GUIDELINES

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Brand book & Guidelines

May 2024

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The Logo

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The Logo

The QPIC155 logo has been designed in one format. It combines the inital of the words “Quantum Photonic Integrated Circuits” with the 1550nm wavelength. The letter “Q” represents at the same time a main part of a circuit. **Should be used always in its full version.**

Reversed version & colourways

On dark backgrounds and image backgrounds, the reversed version of the logo may be used. The logo can also be used on colored backgrounds.

Positive

Negative

Variations

Logo colour palette

	C: 85	**R:** 24	#182cf5	
	M: 62	**G:** 44		
	Y: 0	**B:** 245		
	K: 0			
	C: 58	**R:** 86	#56fbdb	
	M: 0	**G:** 251		
	Y: 32	**B:** 219		
	K: 0			
	C: 55.3	**R:** 119	#77797C	
	M: 45.5	**G:** 121		
	Y: 43.5	**B:** 124		
	K: 9.8			
	C: 2.33	**R:** 246	#f6fafd	
	M: 0.25	**G:** 250		
	Y: 0.03	**B:** 253		
	K: 0			

Logo misuse

There are guidelines for the use of the QPIC1550 logo, available in several formats on the website. Please do not alter these logos in any way. The most common examples of misuse involve incorrect scaling or incorrect colour selection. Here are some examples of what not to do.

Resolution
Always use the correct resolution.

Colour
Never change the colour settings on the main logo.

Distortion
Never stretch, warp or expand the logo to fit to a space or platform.

Type
Never replace the logo with another typeface.

Perspective
Never use a perpective of the logo.

Proportion
Never scale or adjust the elements within the logo.

Pattern
Never place the logo over a busy pattern.

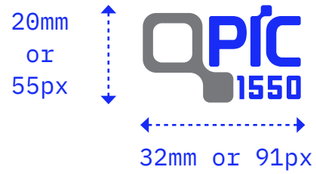
Photography
Never place the logo over a busy photograph.

Clear space & Minimum sizing

Whenever you use the logo, it should be surrounded with clear space to ensure its visibility and impact. No graphic elements of any kind should invade this zone.

The logo is designed to retain clarity down to a minimum width of 32mm or 91px and 20mm or 55px height.The logo should never be reproduced smaller than this.

To work out the clearspace take the full height and half weight of earth symbol of the logo.



The logo should never be used when it comes to small sizes.

Typography

Primary typeface 9
Secondary typeface 11

Aa Aa

PRIMARY typeface

IBM Plex Mono Regular
IBM Plex Mono Semibold

AaBbCcDdEeFfGgHhIiJjKkLlMmn
OoPpQqRrSsTtUuVvWwXxYyZz
1234567890+;%@?!&€*

AaBbCcDdEeFfGgHhIiJjKkLlMmn
OoPpQqRrSsTtUuVvWwXxYyZz
1234567890+;%@?!&€*

How to use the Primary Typeface

The primary typeface for QPIC1550 is IBM Plex Mono. It should be used mainly on headers, titles, sub-titles, and quotes. Could be used online and on printed materials such as brochures, flyers and stickers.

IBM Plex Mono Regular

AaBbCcDdEeFfGgHhIiJjKkLlMmn
OoPpQqRrSsTtUuVvWwXxYyZz
1234567890+;%@?!&€*

IBM Plex Mono Semibold

AaBbCcDdEeFfGgHhIiJjKkLlMmn
OoPpQqRrSsTtUuVvWwXxYyZz
1234567890+;%@?!&€*

Transforming Quantum
Photonic Integration

Example of primary typeface usage.

Aa Aa

SECONDARY typeface

Calibri Regular
Calibri Bold

AaBbCcDdEeFfGgHhIiJjKkLlMmn
OoPpQqRrSsTtUuVvWwXxYyZz
1234567890+;%@?!&€*

AaBbCcDdEeFfGgHhIiJjKkLlMmn
OoPpQqRrSsTtUuVvWwXxYyZz
1234567890+;%@?!&€*

How to use the Secondary Typeface

The secondary typeface for QPIC1550 is Calibri.
Since it’s a standard font it can and should be used only in office templates.

Calibri Regular

AaBbCcDdEeFfGgHhIiJjKkLlMmn
OoPpQqRrSsTtUuVvWwXxYyZz
1234567890+;%@?!&€*

Calibri Bold

AaBbCcDdEeFfGgHhIiJjKkLlMmn
OoPpQqRrSsTtUuVvWwXxYyZz
1234567890+;%@?!&€*

D1.1: Project Handbook

Specifies the partner responsibilities, the communication / meeting / reporting requirements

Revision: v2.0

Work package	WP 1
Task	Task 1.1
Due date	28/02/2024
Submission date	28/02/2024
Deliverable lead	QTI
Version	1.0
Authors	Marco Menchetti (QTI)
Reviewers	Eva Hajdok (Martel NL), xy (DTU)
Abstract	The purpose of the deliverable Project Management Manual of the QPIC 1550 project defines the project organisation, roles, and responsibilities, itt describes how the project will execute its day-to-day activities from a quality perspective, and ensures that standards, processes, and procedures are defined so that their execution is continuously monitored and improved. This deliverable defines all the necessary mechanisms and structures for the management and administrative coordination of the project with emphasis on the governance, change management, communication plan, project calendar, stages, milestones, and reporting roles and responsibilities for all the partners is also made.
Keywords	Project Management Plan, change management, scope management, cost management, cost baseline, schedule baseline, schedule management, effort, budget, indicators, guidance, administration

Example of secondary typeface on a doc file.

Colours

Main colour palette 14

Main Colour Palette

QPIC1550 uses 2 colours on the logo and more colour as supplementary for other instances.

Main colours palette

C: 55.3 **R:** 119 #77797C
M: 45.5 **G:** 121
Y: 43.5 **B:** 124
K: 9.8

C: 850 **R:** 24 #182cf5
M: 62 **G:** 44
Y: 0 **B:** 245
K: 0

Supplementary colours

C: 58 **R:** 86 #56fbdb
M: 0 **G:** 251
Y: 32 **B:** 219
K: 0

C: 2.33 **R:** 246 #f6fafd
M: 0.25 **G:** 250
Y: 0.03 **B:** 253
K: 0

C: 100 **R:** 11 #0B173C
M: 92 **G:** 23
Y: 42 **B:** 60
K: 55

EC recognition statement

EC recognition statement for PROJECTS

Following the guidelines from EC, all the projects should use the EC recognition statement. Please see the example below and complete it with your project name and Grant Agreement number.

Horizontal

The QPIC 1550 project received funding from the European Union’s Horizon Europe Research and Innovation Programme under Grant Agreement No 101135785. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union. Neither the European Union nor the granting authority can be held responsible for them.

Vertical

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Thank you!

For any questions regarding the QPIC1550 graphic assets and the uses you would like to make of them, do not hesitate to contact Christos Tselebis at Martel Innovate: **christos.tselebis@martel-innovate.com**

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