NEXASPHERE:

NEXGEN 3D NETWORKS SPIN HARMONIES ACROSS 6G, AI, AND UNIFIED TN/NTN

D7.1: Project website, dissemination, standardization plan and communications strategy

D 7.1: Project website, dissemination, standardization plan and communications strategy

WP	WP7
Responsible Partner	SPI
Version	1.0
Editor(s)	Achraf Zarrouk (SPI)
Author(s)	Achraf Zarrouk (SPI), Nikolaos Zombakis (BELL), Tomaso de Cola (DLR), Hanna-Liisa Tiri (MAG)
Reviewer(s)	Roberto Riggio (CNIT), Kimmo Kaario (MAG), Babak Mafakheri (SPI)
Delivery Type	R
Dissemination Level	PU
Due date of Deliverable	31-07-2025
Submission date	30-07-2025

Version History

Version	Date	Author	Partner	Description
0.1	16-04-2025	Achraf Zarrouk	SPI	First draft
0.2	10-06-2025	Achraf Zarrouk Nikolaos Zombakis	SPI BELL	Partners contribution
0.3	07-07-2025	Tomaso de Cola Hanna-Liisa Tiri	DLR MAG	Partners contribution
0.4	14-07-2025	Babak Mafakheri	SPI	Further feedback
0.5	16-07-2025	Roberto Riggio Kimmo Kaario	CNIT MAG	Review
0.6	25-07-2025	Nikolaos Zombakis	BELL	Second draft
0.7	29-07-2025	Achraf Zarrouk	SPI	Revisions Implemented
1.0	30-07-2025	Babak Mafakheri	SPI	Final Version ready for submission

Table of Contents

List of Figures

List of Tables

Acronym	Full Form
3GPP	3rd Generation Partnership Project
6G-IA	6G Smart Networks and Services Industry Association
ADRA	Adventist Development and Relief Agency
AIX	Aircraft Interiors Expo
BELL	8Bells
CCSDS	Consultative Committee for Space Data Systems
CNAM	Conservatoire national des arts et métiers
CNIT	Consorzio Nazionale Interuniversitario per le Telecomunicazioni
DPIA	Data Protection Impact Assessment
DLR	Deutsches Zentrum für Luft- und Raumfahrt
EC	European Commission
ESA	European Space Agency
ETSI	European Telecommunications Standards Institute
EU	European Union
EuCNC	European Conference on Networks and Communications
GAIA-X	A European initiative dedicated to creating an interoperable data infrastructure
HPE	Hewlett Packard Enterprise
HSAT	Hellas Sat
IETF	Internet Engineering Task Force
Jira	(Project Management Tool)
KPIs	Key Performance Indicators
MAG	Magister Solutions Ltd
MIT	Massachusetts Institute of Technology
MPTCP	Multipath Transmission Control Protocol
NTNs	Non-Terrestrial Networks
OHB	OHB System AG
PCAP	Packet Capture File
PMT	Project Management Team
PoC	Proof of Concept
PU	Public (dissemination level)
QUIC	Quick UDP Internet Connections
RAN	Radio Access Network
RFC	Request for Comments
RIA	Research and Innovation Action
ROM	RomARS S.r.l
SA	Service and System Aspects (3GPP)
SAA	Seamless Air Alliance
SCN	Satellite Communication and Navigation (ETSI)

SME	Small and Medium-sized Enterprise
SNS JU	Smart Networks and Services Joint Undertaking
SNS OPS	Smart Networks and Services Operational Support
SPI	Safran Passenger Innovations GmbH
SRS	Software Radio Systems
TN	Terrestrial Networks
TRL	Technology Readiness Level
WG	Working Group
WP	Work Package
X	(formerly Twitter)

Executive Summary

This deliverable outlines the communication and dissemination strategy of the NexaSphere project and represents the first output of Work Package 7: Communication, Dissemination, Exploitation and Standardization. It presents the overall framework, strategic approach, and detailed planning for outreach activities carried out between Month 1 (M01) and Month 7 (M07), as well as the upcoming efforts in communication, dissemination, standardization, and impact assessment in support of the project's objectives.

The document highlights NexaSphere's commitment to engaging a broad range of stakeholders, including network operators, infrastructure providers, SMEs, standardization bodies, researchers, citizens, policymakers, and relevant initiatives related to unification of TN and NTN in 6G networks, through targeted dissemination, communication, liaisons, and community-building efforts.

Section 2 of this document details the Communication and Dissemination Strategy and Plan, which aims to ensure high visibility and awareness of NexaSphere by promoting its objectives, progress, and results while establishing a strong project identity to support outreach and marketing activities; as well as engage a critical mass of relevant stakeholders to showcase project outcomes, foster feedback, and encourage adoption, particularly across targeted vertical sectors.

Section 3 provides an overview of the standardization activities planned throughout the project, outlining the intended contributions of NexaSphere partners to various standardization bodies.

Section 4 and 5 introduces the tools and channels, including social media and other activities, used to execute communication strategies and reports on the progress to date.

Section 6 focuses on identifying synergies, liaison opportunities, and community-building actions that will strengthen the impact of NexaSphere. These efforts are closely aligned with the goals of the SNS JU, reinforcing its role in the transformation of European industry and services. The project also ensures active coordination with related SNS JU initiatives and other research and innovation programs.

Section 7 presents the performance metrics that will be used to evaluate communication and dissemination efforts, while Chapter 8 concludes with an overview of the next steps in implementing the strategy.

In addition to establishing a coherent communication framework, this deliverable serves as a practical reference for the project consortium, ensuring that all partners are aligned with the strategy and equipped to contribute effectively to the dissemination and outreach activities throughout the project's lifecycle.

1 Introduction

1.1 Purpose of the document

This deliverable is produced as part of Work Package 7 (WP7) "Communication, Dissemination, Exploitation and Standardization" and supports the initial implementation of NexaSphere's outreach, standardisation, and engagement strategy. It reflects the scope of activities described in the WP7 Work Package description, with input from contributors to Task 7.1 (Dissemination and Communication) and Task 7.2 (Standardisation Activities) and Task T7.3 (Liaisons at EU level, synergies, and strategic positions).

The purpose of this document is to provide a comprehensive overview and initial implementation of the projects:

- Website: serving as the central platform for publishing project updates, results, and public materials.
- Dissemination activities: including channels, audiences, and actions to promote project outcomes to relevant scientific, industrial, and public stakeholders.
- Standardization plan: outlining contributions to relevant bodies such as 3GPP and ETSI to support the development of Beyond 5G and 6G technologies.
- Liaisons at EU Level: focuses on monitoring and facilitating interactions between the NexaSphere project and the 6G-IA.
- Communications strategy: detailing key messaging, tools, and approaches to ensure visibility across social media, publications, events, and other public channels.

This deliverable also includes a mapping of main stakeholder groups and the definition of key performance indicators (KPIs) that will be used to monitor and evaluate the effectiveness of dissemination and communication activities.

1.2 Structure of the document

The sections of Deliverable D7.1 are structured as follows:

- Section 1 provides an introduction, including the purpose of the document, the context of Work Package 7, and an overview of the NexaSphere mission.
- Section 2 presents the communication and dissemination strategy and plan, detailing the objectives, approach, target stakeholders, and activities foreseen to ensure effective outreach and visibility.
- Section 3 represents the standardization plan, outlining the forums and working groups relevant to NexaSphere, the partners involved, and the project's intended contributions to advancing standardization in the context of 6G and terrestrial and non-terrestrial networks.
- Section 4 outlines the specific means and activities to be implemented, including brand identity, internal communication tools, the project website, social media channels, news updates, newsletters, press engagement, events, videos, promotional materials, and scientific publications.
- Section 5 presents the external-facing dissemination activities of NexaSphere, including press engagement, participation in events, video production, promotional materials, and scientific

publications, all aimed at increasing the project visibility and impact across divers stakeholder groups.

- Section 6 focuses on synergies and liaisons with other initiatives, including coordination with the SNS Joint Undertaking, SNS OPS, and other relevant EU and international projects.
- Section 7 introduces the impact assessment methodology, including key performance indicators to monitor and evaluate the effectiveness of communication, dissemination, and standardisation efforts.
- Section 8 concludes the document and outlines the next steps in the implementation of the WP7 activities.
- The appendix includes supporting materials, templates, or additional references as relevant to the deliverable.

1.3   NexaSphere mission

The goal of NexaSphere is to advance the scientific understanding of multi-path TN/NTN 3D networking by exploring the integration of radio and optical communication technologies within a unified framework. The project will investigate AI-aided network programmability and orchestration across an extended 3D edge-cloud continuum, including terrestrial and non-terrestrial segments. This research will also contribute to the foundations of Radio & Wireless-Optical Connectivity Continuum and provide new insights into network behavior in dynamic mobile environments. The scientific findings will be validated through hardware-in-the-loop simulations and early-stage prototypes, culminating in proof-of-concept demonstrations (TRL 4–5) to assess the applicability of the proposed architecture in mobile transportation sectors such as aeronautics, rail, and automotive.

2 Communication, dissemination strategy and plans

The communication and dissemination strategy of NexaSphere is structured to maximize the visibility, accessibility, and usability of the project's results. It follows a structured, multi-phase approach that ensures all stakeholder groups are addressed, communication channels are optimally leveraged, and dissemination activities are aligned with Horizon Europe standards.

The strategy builds on well-defined phases of activity and relies on both digital and physical tools and channels. These activities are coordinated under Work Package 7, Task 7.1, led by SPI.

2.1 Communication and dissemination objectives

The overarching objectives of NexaSphere's communication and dissemination (C&D) activities are:

- Create awareness among stakeholders in telecommunications, space, cybersecurity, and AI regarding the project's goals, activities, and outcomes.
- Disseminate key findings and innovations to relevant technical, scientific, policy, and industry audiences.
- Engage communities by leveraging partner networks, SNS JU projects, and thematic working groups.
- Promote uptake and reuse of project outputs by ensuring they are easily accessible and understandable.
- Support long-term sustainability and impact through continuous promotion and liaison with strategic ecosystems.

These objectives will be achieved through a coherent mix of digital presence, events, and publications, structured around project milestones. Sustainable communication and dissemination approach

- Digital-first communication: Preference for digital materials and virtual events.
- Low-emission engagement: Encouraging online participation.
- Responsible sourcing: Collaborating with suppliers who share sustainability values.
- Carbon awareness: Tracking and compensating emissions related to dissemination activities where possible.

2.2 Key Stakeholders

NexaSphere's communication and dissemination plan is built around a targeted engagement strategy for specific stakeholder groups as it can be seen in Table 1. Each group benefits from tailored messages and dedicated channels.

Table 1: Target Stakeholders and Communication Measures

Stakeholder Group	Benefits/Messages	Interaction Channels / Measures
Researchers, Academia	Use project results to advance scientific knowledge	Scientific publications, conferences, project website, workshops
R&I projects (SNS-JU, 6G-IA, etc.)	Collaboration, best practices, joint promotion	SNS-JU, 6G-IA events, joint publications, online presence
Industry (Telcos, ICT vendors)	Develop and validate 6G technologies	Showcases, videos, targeted events, newsletters
SMEs and Startups	Business opportunities and innovation	DIHs, SME clusters, online campaigns, social media
Policy Makers and Public Authorities	Informed decisions, regulatory alignment	Policy briefs, events, newsletters, press releases
International & EU Initiatives (ADRA, GAIA-X, etc.)	Exchange best practices and align visions	Webinars, conference participation, expert panels
Standards Bodies / Open Source Communities	Contribute to and benefit from standardisation	Technical groups, draft contributions, joint working sessions
Civil Society & Public	Awareness and trust in technology	Press/media, videos, public events

3 Standardization Plan

Key objectives for standardization work in NexaSphere is to identify gaps in existing standards and propose necessary clarifications or new working items, organize pre-standardization workshops to define roadmaps for emerging topics and to plan co-operation between NexaSphere partners, contribute directly to relevant standards by any partner based on project findings and use cases and promote recommendation to standardization bodies representing various stakeholders needs.

To initiate the standardization activities for NexaSphere, first achievements from relevant past NTN work and study items are studied and analyzed in Work Package 7, Task 7.2. E.g. in 3GPP, there are several study and work items to study starting from Release 14, which included the first studies about 5G use cases for the non-terrestrial networks ending to the latest finalized release, Release 19 which includes work item for the latest enhancements for 5G non-terrestrial networks.

Contributors of the standardization activities work to recognize the role of standards in the development of Beyond-5G and 6G network technologies e.g. 3GPP Release 20 work and study items related to the non-terrestrial networks for 5G and 6G. Focus is especially in 3D, multi-path and multi-connectivity systems for unified TN/NTN.

Relevant topics, study items, work items and other activities from relevant standardization forums are identified and followed. These forums are e.g. relevant working groups of 3GPP SA (System Architecture) and RAN (Radio Access Networks), SES (Satellite Earth Stations & Systems) SCN (Satellite Communication and Navigation) in ETSI, The NTN Forum hosted by ESA and IATF (the Internet Task Force).

In addition to 3GPP and ETSI working groups, partners have also other special interests of standardization forums to follow. The full list of activities is found in Table *2*.

Proposals based on project findings are conveyed for the above-mentioned forums and forums listed in the Table *2*, where appropriate. Feedback is collected from the forums relevant to the project activities and finally the achieved impacts are listed which are influenced by any project contributor.

Shortly, the contributions span multiple domains including 5G/6G architecture, Network management and AI-based orchestration, Transport protocol evolution, emerging technologies and new initiatives.

Table 2: Planned Standarization activities

SDOs/SSOs / Working Groups	Partners	Expected Contributions
ESA CCSDS, ESTOL	DLR	Contributions to CCSDS and ESTOL activities concerning the optical communication domain.
ETSI SES SCN	MAG, DLR	Input to the newly established work item on FSO technology for NTN systems (feeder and inter-satellite links).
3GPP SA1-2 & SA5	DLR, HSAT	Contributions to TN & NTN-related standardization, focusing on regenerative satellite use to enhance network convergence and service coverage.

3GPP RAN 1,2-4	SRS, ROM, MAG, HSAT	Contributions to NTN standardisation, particularly regarding regenerative satellites and multi-connectivity.
3GPP RAN2-3, SA1-2	DLR	As above; with a focus on regenerative satellite utilisation for improved network convergence and coverage.
Seamless Air Alliance (SAA)	SPI	Industry input on in-flight connectivity: requirements of airlines and passengers, trend identification, and assessment of solution viability.
IETF TCPM, QUIC	ROM, CNAM	Standardisation activities on transport protocols (e.g. Multipath TCP and MPQUIC); presentation of NTN use case, potential draft contributions.
MPTCP (RFC 8041/8684)	CNAM	Contribution of an NTN-specific use case within the NexaSphere context to the IETF MPTCP working group.
NTN Forum WG#1, WG#2, WG#3, WG#4	MAG	Align project activities with NTN Forum standardisation and vertical use case discussions, especially for NexaSphere.
NTN Forum WG#1 (Standards), WG#2 (Vertical Needs)	AER	Align project activities with NTN Forum, focusing on aviation-related verticals.
srsRAN 5G Core	HPE	following srsRAN activities with 5G Core focus

4 Means and Activities

This section describes the key communication and dissemination strategies that will be used throughout the NexaSphere project to ensure broad visibility, stakeholder engagement and effective knowledge transfer. The planned activities aim to promote the project objectives, highlight achievements and enhance collaboration both within the consortium and with external audiences.

A variety of channels and tools, from commercial promotion and online presence to events and publications, will be used to reach technical, academic, industrial and public stakeholders. The activities described below are designed to align with the project's dissemination and exploitation objectives, ensuring that the results are accessible, have an impact and are consistent with the EU guidelines on open science and innovation.

4.1 Brand identity

As a Research and Innovation Action (RIA) project funded by the European Commission, NexaSphere has established a clear and consistent brand identity from the outset to ensure strong visibility and recognition across all communication and dissemination activities. This applies both internally—among project partners—and externally—to stakeholders, policymakers, industry players, and the broader research community.

The perception and effectiveness of the project's brand are heavily influenced by its visual representation. NexaSphere's visual identity is built around a coherent and professional set of design elements, including the project logo, a defined colour palette, approved typography, and consistent graphic styles. These elements are applied uniformly across all communication channels—such as the website, newsletters, presentations, reports, posters, flyers, and social media content—to create a unified and easily recognisable visual presence.

A detailed **branding guidelines document** was developed early in the project and distributed to all partners. It defines the visual standards and correct usage of key brand elements, including:

- **Logo usage**: Multiple versions of the NexaSphere logo are provided to suit different backgrounds and use cases, ensuring optimal readability and visual consistency across various formats (e.g., digital, print, presentations).
- **Colour palette**: A predefined range of colours used in the logo forms the basis of the project's visual theme, with full specifications in CMYK, RGB, and HEX to support reproduction across media.
- **Typography**: A set of approved fonts is defined for use in all materials to ensure legibility and stylistic cohesion.

These visual guidelines are mandatory for all communication and dissemination outputs and are designed to ensure NexaSphere is presented with a strong, professional, and unified identity. By following these standards, the project maintains a consistent image footprint that enhances credibility, strengthens outreach efforts, and increases stakeholder engagement.

All branding guidelines, including detailed specifications such as logo variations, colour codes, font usage, and layout examples, are included in full in Appendix A of the Branding Guidelines.

4.1.1 Custom Illustrations

As shown in Figure 1, which presents the NexaSphere use cases, the project's future visual materials will be aligned with the brand identity described in Appendix A. These visual assets are incorporated into the project website, public presentations, and promotional materials. Additional illustrations are under development to support future storytelling and representation of use cases, architectural components, and results visuals present a consistent and professional image of the project, regardless of format or medium.
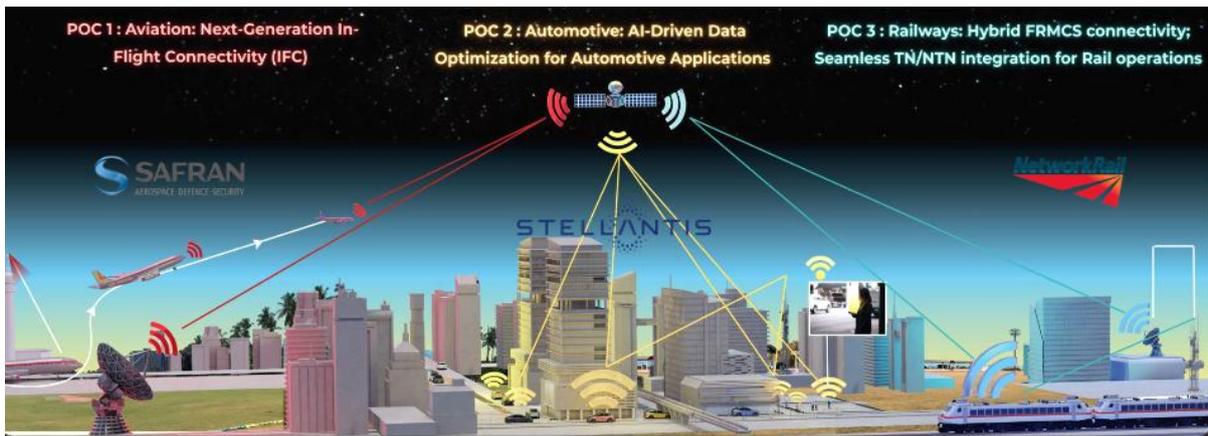
Figure 1: NexaSphere Use Cases

4.1.2 Templates

To facilitate consistency across all documentation, several branded templates have been developed and distributed to NexaSphere project partners:

- A **PowerPoint template** designed for both internal and external presentations and is shown in Figure *2*: . The slide deck has been used in various presentations and is available on the shared drive for all partners to use when showcasing NexaSphere at their events. The project introduction presentation using the template is available in Appendix B.

Figure 2: Presentation Template

- A **Word template**, applied across all formal deliverables and reports, including this document illustrated in Figure *3*.

Figure 3: Deliverable Template

These templates are essential tools to uphold NexaSphere's strong and unified brand identity, as outlined in the project's branding guidelines. They incorporate the approved visual elements — including the logo, colour palette, typography, and graphic styles, to ensure that every presentation, report, or communication reflects a coherent and professional image.

Importantly, the templates are not static. They will be continually reviewed and adjusted to align with the colours, typography, and style presented in appendix A of the branding subsection. This ongoing refinement ensures that all communication and dissemination materials consistently follow the latest visual standards, supporting a polished and unified brand appearance.

By using these templates consistently, all partners contribute to enhancing NexaSphere's visibility and credibility among stakeholders, policymakers, industry players, and the research community. Alongside the detailed branding guidelines, the templates play a central role in strengthening the project's outreach, ensuring recognisability, and reinforcing its reputation as a European Research and Innovation Action.

4.2 Internal communication tools

To support effective collaboration across all partners and ensure smooth coordination of activities, NexaSphere relies on a streamlined internal communication environment. The aim is to facilitate day-to-day operations, provide consistent access to relevant information, and support the overall project workflow.

4.2.1 Microsoft Teams

Microsoft Teams serves as the primary platform for virtual meetings and day-to-day communication shown in Figure 4. It hosts regular coordination calls, Work Package meetings, and ad hoc technical

sessions. Dedicated channels per Work Package allow focused exchanges, while the platform's chat and file-sharing features support responsive and transparent collaboration.

Meeting agendas, minutes, and shared documents are managed within the corresponding Teams spaces, helping ensure alignment and timely follow-up on actions.

Figure 4: A Snapshot of the NexaSphere Microsoft Teams

4.2.2 Microsoft SharePoint

All project documents, including deliverables, templates, dissemination materials, presentations, and reports, are stored and managed in a central SharePoint repository as shown also in Figure 5. This platform serves as the official internal knowledge base for the NexaSphere consortium and plays a key role in ensuring controlled access, version management, and real-time collaborative editing. Each partner has access credentials, ensuring that all consortium members can retrieve or update the necessary content at any point, in a secure and structured environment.

These tools form the backbone of NexaSphere's internal coordination, enabling partners to stay informed, connected, and aligned throughout the project lifecycle.

The SharePoint environment is structured into clearly organized folders, covering:

- Work Packages (WPs)
- Contacts
- Meetings
- Produced materials
- Proposal materials
- Consortium agreements
- Partner Contributions
- Templates

Each partner organization accesses SharePoint through its own Microsoft account, using institutional credentials that are authorized through external sharing. Access is granted at the partner level, meaning that team members from each organization can retrieve, edit, and upload content according to their project responsibilities.

- In addition to storing content, SharePoint includes planning and tracking tools that support the project's operational coordination: milestone and deliverable calendars display key deadlines and help partners stay aligned with the timeline.
- The Project Management Team (PMT) uses the platform to share updates, reminders, and planning tools.
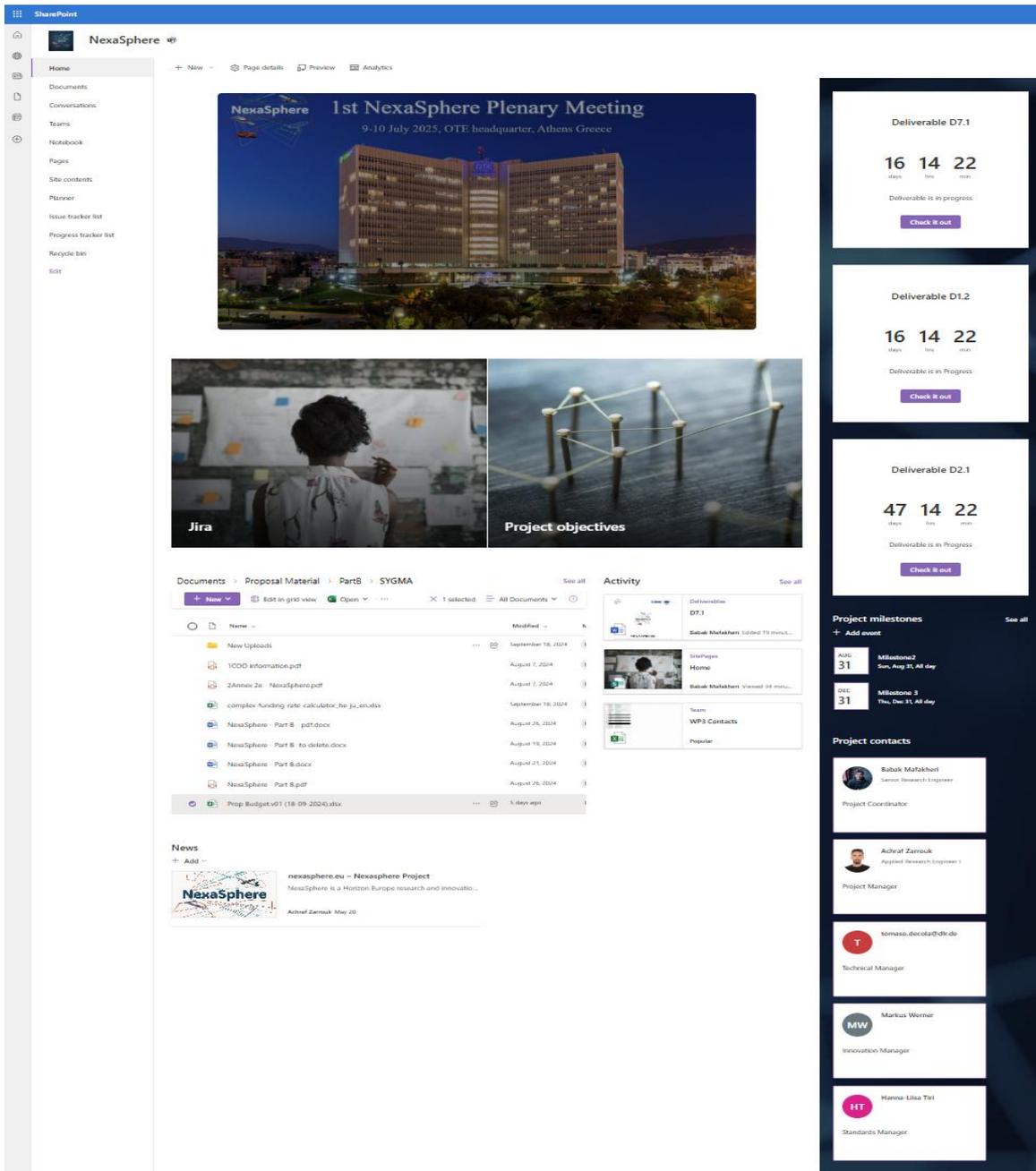
Figure 5: A Snapshot of the NexaSphere SharePoint

4.2.3 Internal Mailing

In addition to Teams and SharePoint, NexaSphere maintains a structured set of internal mailing lists to support targeted coordination and formal communications within the consortium. These lists ensure that relevant information reaches the appropriate groups, enabling efficient collaboration and operational alignment across work packages and governance bodies:

- nexasphere@zodiacii.onmicrosoft.com – General consortium mailing list for all partners
- nexasphere-ga@zodiacii.onmicrosoft.com – General Assembly communications
- nexasphere-eb@zodiacii.onmicrosoft.com – Executive Board communications
- nexasphere-wp3@zodiacii.onmicrosoft.com – Work Package 3 coordination
- nexasphere-wp4@zodiacii.onmicrosoft.com – Work Package 4 coordination
- nexasphere-wp5@zodiacii.onmicrosoft.com – Work Package 5 coordination

These mailing lists are used to circulate agendas, decisions, action points, and other essential internal updates, complementing the real-time interactions hosted on Microsoft Teams.

4.2.4 Jira

A dedicated Jira project named "NexaSphere" has been created to manage tasks, track progress, and coordinate workflows. Each Work Package is represented in Jira as a Component, and each task within a Work Package (e.g. T1.1, T1.2) is created as an Epic. Tasks and detailed activities are created under these Epics. An example of Jira board is shown in Figure 6.

Each Work Package Leader is responsible for creating and assigning tasks within their Work Package. Jira will provide real-time insight into project activities, task status, deadline, and responsibilities.
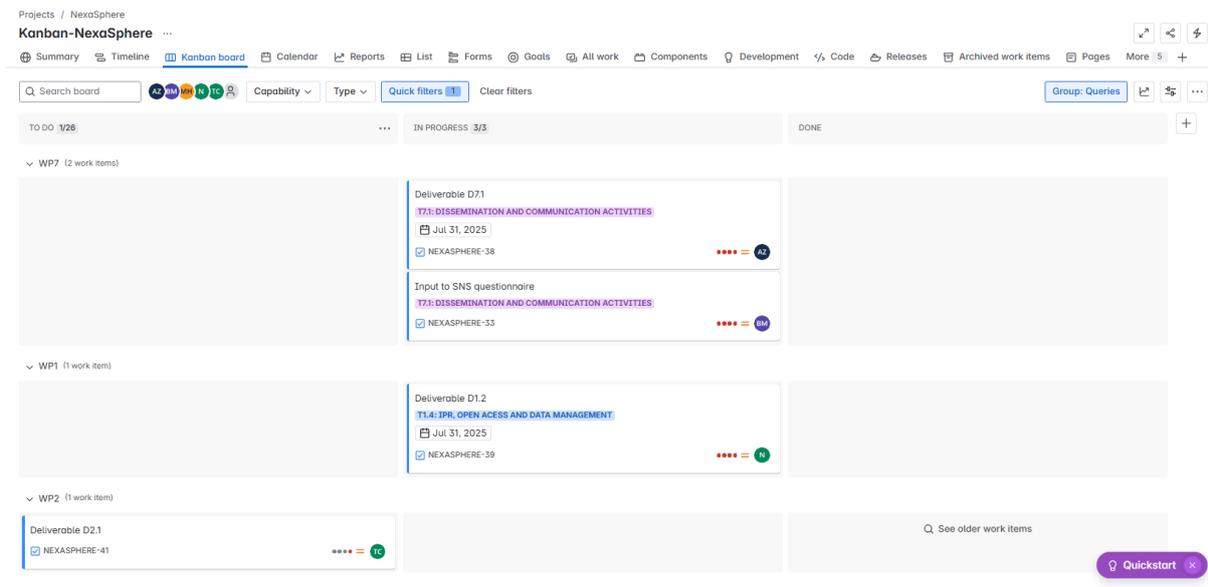

Figure 6: Jira task management

4.3 Project website

The NexaSphere project website serves as a central hub for communication, dissemination, and engagement with stakeholders across academia, industry, and the general public. It is designed to provide a clear, accessible, and regularly updated platform for presenting project objectives, progress, and outcomes.

Prior to the official project kick-off, a preliminary **"Coming Soon"** landing page was published. This page included a brief overview of NexaSphere, a contact email, a newsletter subscription form, and links to the project's social media channels. This early presence helped raise initial awareness and start building an audience for upcoming activities.

A fully functional website was launched, Figure 7 **Error! Reference source not found.**, during **Month 2 (M02)**, following input and feedback collected from the consortium after the kick-off meeting. The website design and structure were developed by web design experts, ensuring both aesthetic appeal and usability. The site is fully responsive and accessible across a range of devices and screen sizes.

The NexaSphere website fulfills multiple roles:

- It acts as a **one-stop information point** for all project-related communication, offering updates, deliverables, event announcements, media content, and public documents.

- It features a **news and blog section**, where project updates, technical insights, and event summaries are published. Consortium partners are encouraged to contribute content to ensure the website reflects a dynamic and collaborative effort.

- It aggregates and organizes content by **topic and relevance**, facilitating the reuse and sharing of articles, particularly in coordination with calls to action such as event participation or stakeholder surveys.

- A **newsletter subscription form** is available on all pages, enabling the collection of email addresses from interested visitors. This growing mailing list supports the periodic distribution of an e-newsletter that highlights project milestones, partner contributions, and dissemination opportunities.

- Social media integration ensures that published news and updates can be easily shared across channels, extending the project's reach beyond the website.

The website is continuously maintained and updated throughout the duration of the project to reflect new developments and maximize its role as a key dissemination tool.

In addition to serving as a central communication hub, the NexaSphere project website also acts as a key tool for **monitoring and evaluating the effectiveness** of the project's dissemination strategy. Web analytics data is regularly reviewed to gain insights into user behavior, reach, and engagement levels across different communication campaigns and content types.

To achieve this, the consortium utilizes a **privacy-compliant web analytics platform**—such as Matomo or an equivalent GDPR-compliant tool—which provides detailed reports on:

- Website traffic and page views
- Traffic sources (e.g., direct, referral, social, organic)
- Visitor engagement, including average session duration and bounce rates
- Effectiveness of dissemination channels (e.g., newsletter campaigns, social media redirection)

This analytics data enables the consortium to **refine its outreach efforts**, identify high-performing content, and optimize both messaging and timing for future updates. Analytics reports are also shared periodically within the consortium to support data-driven decision-making.

The structure of the NexaSphere website is designed for intuitive navigation and easy access to key project information (Figure 7).
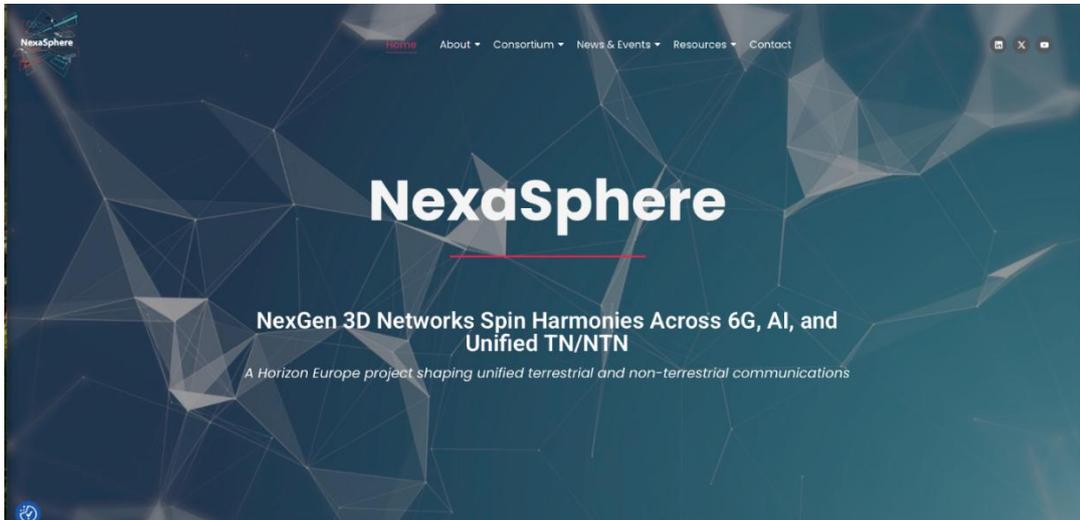

Figure 7: NexaSphere Website

From the launch of the first fully functional iteration in M02 (February 2025) to June 2, 2025, the time of writing (M07), the website has already counted 416 views and 78 active users. For more details, see the web analytics in the figure below Figure 8.
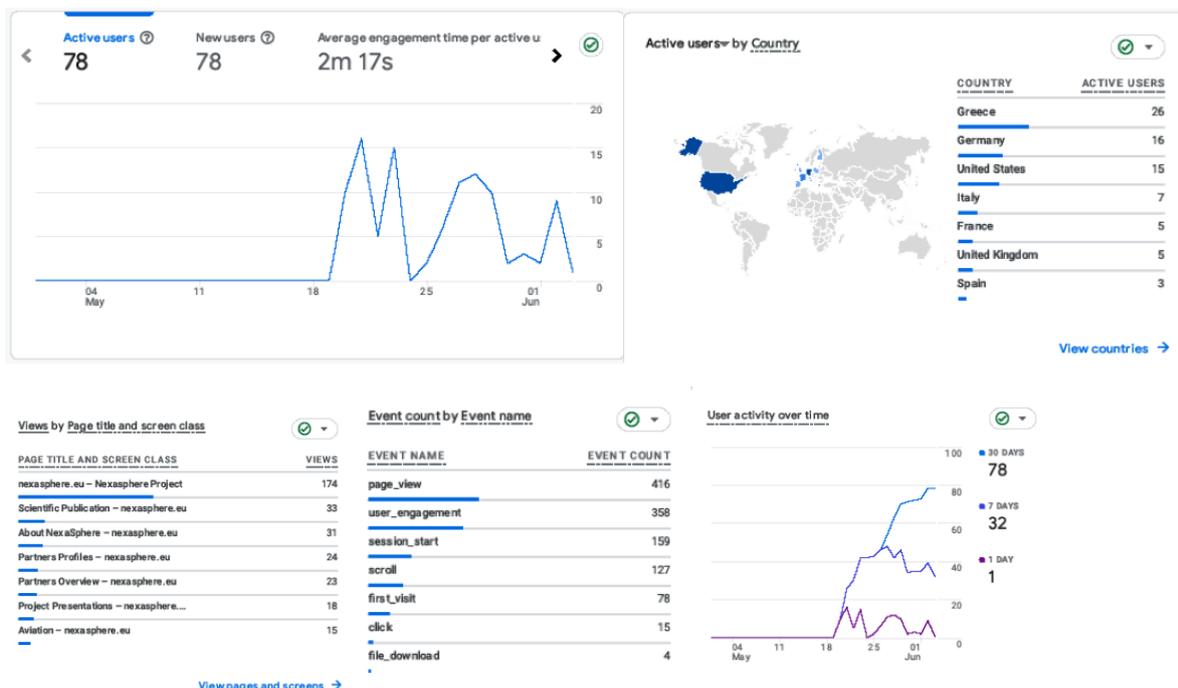
Figure 8: NexaSphere Website Analytics

This section introduces the project and its foundations:

- **About NexaSphere**: Provides an overview of the project's vision to innovate and transform digital ecosystems through a unified three-dimensional (3D) communication network.

- **Objectives**: Outlines the project's key goals, including the demonstration of its unified 3D connectivity vision via hardware prototypes, software development, and industry-grade simulation models.

- **Architecture**: Details the functional architecture of the Proof-of-Concepts (PoCs) for each scenario (avionics, automotive, railways) based on user and system requirements.

- **Proof-of-Concepts (PoCs)**: Describes the details of the NexaSphere 3 main PoCs Figure 9:

  - **Aviation**: Focuses on enhancing In-Flight Connectivity (IFC).

  - **Automotive**: AI-Driven Data Optimization for Automotive Applications

  - **Railway**: Aims to advance railway communication and operational systems through the integration of terrestrial and non-terrestrial networks

NexaSphere by the numbers

Dr. Babak Mafakheri (SPI)
Project Coordinator

Dr. Tomaso de Cola (DLR)
Technical Manager

18	9	€8.5M	36
Partners	Countries	Budget	Months
Collaborating across industries and academia	International Cooperation	Invested in innovation	Project duration

Proof of Concepts

Aviation
Next-Generation In-Flight Connectivity (IFC)

Automotive
AI-Driven Data Optimization for Automotive Applications

Railway
Seamless Integration for Railway Applications

Figure 9: A Snapshot of NexaSphere Fact Sheet and PoCs

4.3.1.2 Consortium

This section presents the organizations involved in the NexaSphere project and their collaborative structure:

- **Partner Overview**: Introduces the full list of 18 project partners spanning 9 European countries. The consortium brings together expertise from industry, academia, and research, covering domains such as aerospace, automotive, railway, telecommunications, and ICT.

- **Partner Profiles**: Provides detailed information about each participating organization, including their roles in the project, core competencies, and contributions to specific work packages and use-case demonstrations (Figure 10).
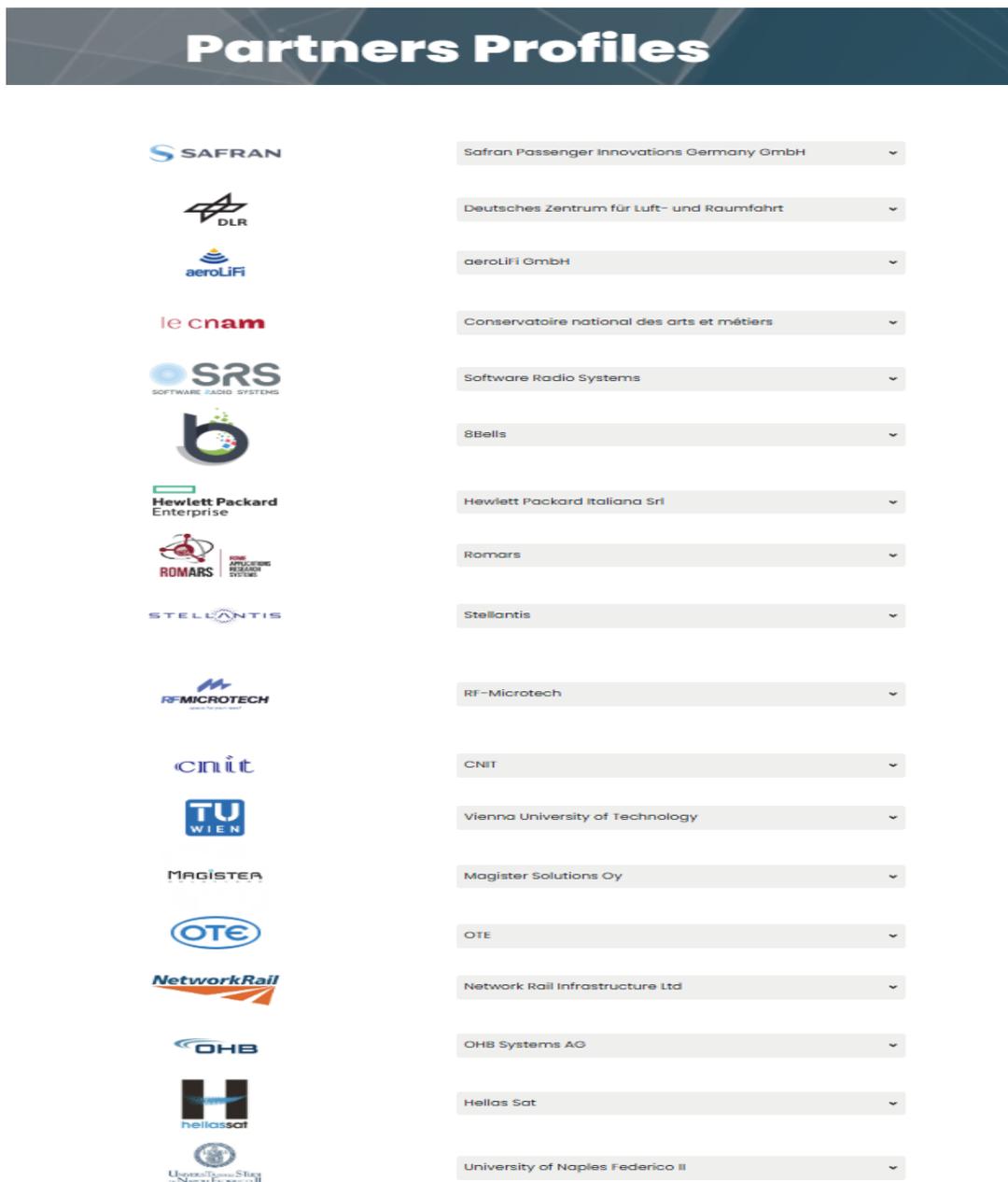
Figure 10: A Snapshot of Partners Profile page

4.3.1.3 News & Events

This section contains dynamic updates about project activities:

- **News**: Regularly updated articles highlighting technical achievements, project meetings, and public engagement.

- **Events**: A calendar featuring relevant conferences, workshops, and webinars (Figure 11).

- **Press Releases**: A repository of official press communications and media mentions.

- **Media Coverage**: Highlights of external media articles, interviews, and publications featuring NexaSphere, offering insights into its public visibility and impact.

As the project progresses, content will be further developed and expanded to reflect new developments and outputs. Updates are coordinated through the dissemination team, and partners are encouraged to contribute content and promote website visibility through their own networks.

Figure 11: A Snapshot of Events page

4.3.1.4 Resources

This section provides access to a curated collection of materials that support NexaSphere's transparency, dissemination, and stakeholder engagement:

- **Public Deliverables**: Official project documents made publicly available, providing insights into key outcomes, milestones, and technical progress.

- **Scientific Publications**: Peer-reviewed articles and research papers authored by project partners, contributing to the broader scientific community (Figure 12).

- **Project Presentations**: Slide decks and visual materials used in public events, workshops, and conferences to communicate the project's goals, methodology, and results.

- **Produced Materials**: Outreach and promotional content developed throughout the project, including brochures, flyers, and posters for dissemination purposes.

These resources are intended to facilitate knowledge sharing, foster collaboration, and enhance the visibility of the NexaSphere project within the broader research and industry communities.

Figure 12: Snapshot of Publications page

4.3.1.5 Contact

This section provides a direct communication channel for engaging with the NexaSphere project team:

- **Contact Form**: Interested stakeholders, researchers, and media representatives can reach the consortium by filling out the contact form available on the project website. The form ensures messages are directed to the appropriate project representatives.

- **Purpose of Contact**: The form can be used for general inquiries, collaboration opportunities, media requests, or feedback regarding project activities.

- **Follow Us**: Stay informed about the latest updates by following NexaSphere on its official communication channels and social media platforms

4.4 Social media channels

To support outreach, engagement, and dissemination of project activities, NexaSphere has established an active presence on key social media platforms. These channels function as vital tools for promoting results, sharing updates in real time, and connecting with a broader audience across the research, industry, and policy domains. Social media also enables dialogue on relevant topics in the network and telecommunications ecosystem, particularly around NTN and 6G-related innovation.

Project social media accounts are linked directly from the website and are managed by the dissemination team, with contributions and reposts encouraged by all partners. The two primary channels are X (formerly known as Twitter) and LinkedIn, each selected for its reach and relevance to the project's stakeholder community.

4.4.1 X

X serves as a real-time communication tool, ideal for live updates, event coverage, and quick dissemination of project news. NexaSphere's X account was launched in the early stages of the project to begin building visibility and engage with the broader tech and policy ecosystem (Figure 13).

The account is used to:

- Announce milestones and updates, such as kick-off meetings, deliverables, or pilot results.

- Share insights and media from events, conferences, and partner participation.

- Retweet relevant news from partners, the European Commission, related projects, and industry publications.

- Follow and interact with stakeholders including EC bodies, SMEs, academic institutions, and standardization groups.

To increase visibility, **project-specific hashtags** (e.g., #NexaSphereEU, #6GNTN, #FutureNetworks) and **mentions of relevant accounts** are included in posts. This helps engagement, increase reach, and attract visitors to the project's website.

Figure 13: Snapshot of NexaSphere X account

4.4.2 LinkedIn

LinkedIn, as the leading professional networking platform, plays a complementary role by targeting stakeholders in academia, research, industry, and public institutions. The NexaSphere LinkedIn page was created prior to the official start of the project and serves as a more formal outlet for project news, achievements, and collaborations.

The LinkedIn page is used to:

- Share project announcements and public deliverables.

- Promote publications, videos, and key events.

- Tag consortium members and their institutions to amplify visibility.

- Engage with relevant EU-funded projects, clusters, and thematic groups to foster dialogue and potential synergies.

Posts on LinkedIn are crafted with a professional tone and often include visuals, links to resources, and call-to-action prompts (e.g., inviting participation in events or newsletter sign-ups), (Figure 14).

Hashtags and Community Engagement

A set of **predefined hashtags and social media handles** is used consistently across all project-related posts to increase discoverability and standardize communication. Examples include:

- **Hashtags**: #NexaSphereEU, #6G, #NTN, #HorizonEurope, #FutureNetworks

- **Mentions**: EC communication accounts, 6G SNS community profiles, and partner institutions

Partners are encouraged to amplify the reach of the project by engaging with posts, resharing content, and tagging the project in their institutional updates where relevant.
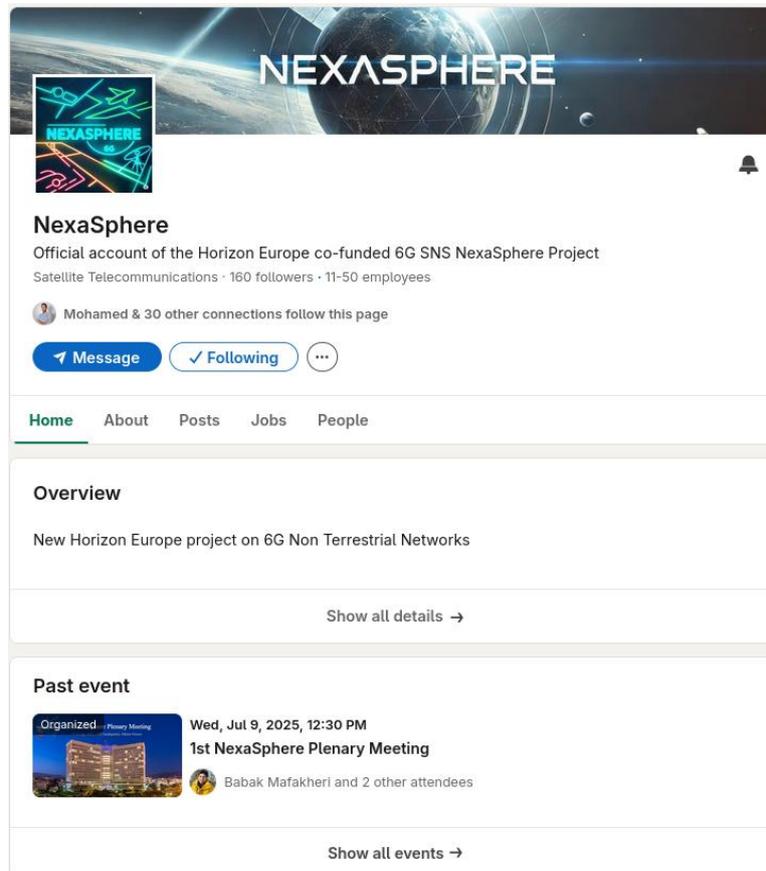
Figure 14: Snapshot of NexaSphere LinkedIn account

4.5 News items and newsletter

The **News** section on the NexaSphere website plays a central role in informing stakeholders about the latest project developments and related activities. It is regularly updated with short, well-targeted articles covering milestones, technical progress, event participation, and broader industry relevance. These news items are crafted to be accessible and engaging, while also optimized with relevant keywords to drive traffic and improve the project's online visibility through search engines.

Initial articles include:

- NexaSphere at the Starting Line: introducing the project, its vision, and early activities.

- Maximizing NexaSphere's Impact Through Standardisation: outlining how the project plans to engage with standardisation bodies and contribute to emerging frameworks.

As the project advances, this section will feature content such as:

- Summaries of participation in conferences, workshops, and public events.

- Announcements of deliverables and publication releases.

- Highlights of use case development and technical integration efforts.

In addition to the website, project updates are being echoed on partner websites, social media platforms, and specialised third-party portals, including telecommunications blogs and professional networks. These cross-postings enhance dissemination reach and allow the project to tap into existing professional audiences.

A dedicated interview campaign is also planned, highlighting the role of each partner and their contributions to NexaSphere. These interviews will take the form of short written features or video clips and will be published on the website and shared across social media channels to humanize the project, encourage engagement, and showcase the diverse expertise within the consortium.

To complement the news section, a project newsletter is being developed and will be distributed periodically (e.g., quarterly or biannually). The newsletter will include:

- A curated summary of recent news articles.
- Partner spotlights and interviews.
- Upcoming events and participation calls.
- Links to new public deliverables, videos, and external publications.

Subscribers can register for the newsletter via a sign-up form available on the website. This growing mailing list will help maintain a direct communication channel with interested stakeholders and ensure consistent outreach throughout the project lifecycle.

4.6 Press engagement

Press engagement is a key component of NexaSphere's dissemination activities, aimed at enhancing the project's visibility beyond academic and technical circles and into broader industry and policy spheres. To this end, the project will regularly issue press releases aligned with key milestones, major events, and noteworthy achievements.

Moving forward, press releases will be prepared and distributed in coordination with major developments, including:

- The organization or participation in significant public events or workshops.
- The publication of impactful results or deliverables.
- Engagements with standardisation bodies or innovation platforms.

To maximize outreach, press releases will be disseminated through both national and European channels using **specialized tools and media databases** (e.g., Prowly, Meltwater), ensuring targeted and efficient distribution to relevant outlets.

5 Target Media Outlets

NexaSphere will focus on both general and specialised media aligned with its technology domains and innovation focus. This includes:

- EU research and innovation platforms: *Science|Business*, *EU Research*, *tech.eu*.

- Satellite communications and 6G publications: *SatMagazine*, *6G World*, *SpaceWatch Global*, *E&T Magazine*, *ESA Science & Technology*.

- Vertical industry channels: tailored based on use cases and stakeholder interests.

All consortium partners are also encouraged to engage with their local and institutional media outlets to amplify reach and support national-level visibility.

In addition to traditional press channels, NexaSphere will leverage third-party portals and professional platforms, such as:

- CORDIS

- Thematic blogs and technology news sites

- Partner institution websites

- Open-access collaboration platforms

Where appropriate, white papers, technical articles, and expert interviews will be shared with media contacts or published directly through accessible public channels to complement the press strategy and support awareness-building.

5.1 Events

As part of its dissemination and outreach activities, NexaSphere actively contributes to key international events in the fields of 6G, NTN, and advanced communication technologies. Participation in these events strengthens the project's visibility, promotes its research outcomes, and fosters engagement with stakeholders from academia, industry, and policy.

To date, NexaSphere has contributed to or is planning participation in the following events: (Figure 15)

- SNS JU Webinar Call (Feb 2025) – Completed
- ASMS/SPSC Conference (Feb 2025) – Completed
- Aircraft Interiors Expo, AIX (April 2025) – Completed
- EuCNC & 6G Summit (June 2025) – Completed
- PIMRC 2025 (NTN Workshop) – Planned participation
- Mobile World Congress (MWC) 2026, 2027 – Planned participation
- EuCNC & 6G Summit (2026, 2027) – Ongoing series of contributions and presence
- Other relevant conferences and events

These activities highlight NexaSphere's commitment to sharing its research progress, engaging with the wider R&D ecosystem, and positioning itself as an active player in shaping the future of next-generation communication networks

Figure 15: NexaSphere Dissemination and communication (EuCNC, ASMS, AIX)

5.2 Videos

The NexaSphere project plans to produce and release a series of videos aimed at presenting the project's vision, progress, and key milestones. Approximately 2-3 videos will be developed to highlight the core objectives of NexaSphere and to showcase the contributions and activities of its partners.

The first introductory video will feature key representatives from the project, including the Project Coordinator, Technical Lead, and Communication Manager. This video will provide a clear and engaging summary of NexaSphere's mission, technological focus, and expected impact, designed to resonate with both technical and general audiences.

Upon internal validation, the video will be shared via the NexaSphere YouTube channel and actively promoted across the project's website, social media channels, and the broader research and innovation community within the 6G and space communication ecosystem.

5.3 Promotional materials

Flyers, roll-ups, and posters

NexaSphere has developed a range of promotional materials including flyers (Figure 16), roll-ups, and posters (Figure 17). The first project flyer was created in early 2025 to provide a concise overview of the project's scope, goals, and expected outcomes. Designed in a compact postcard format, the flyer includes the project website, social media handles, and contact details, offering stakeholders easy access to further information.

Figure 16: Introductory Flyer

Roll-ups are being developed to reflect the visual identity of NexaSphere, maintaining consistency with the project's website and overall design language. A dedicated roll-up is also being prepared for the joint booth at EuCNC 2025, where NexaSphere will be presented alongside other 6G SNS R&I projects.

Event-specific posters will also be created as needed, tailored to match the themes of the events in which NexaSphere is represented. Printable versions will be made available to all partners, allowing them to customize and print the materials for use at their respective dissemination and promotional activities.

Figure 17: NexaSphere Roll-up EuCNC 2025

All materials will be prepared in English, with the option of translating into local languages if appropriate. These materials aim to raise awareness among stakeholders and a wide range of audiences by combining succinct textual content with engaging visual elements. The promotional assets will also include the NexaSphere logo, the EU emblem, and the SNS JU acknowledgment, alongside the project website and social media links.

In compliance with EU funding visibility requirements, all materials will follow the official branding guidelines, ensuring the proper use of the EU emblem in association with the SNS logo, as mandated for co-funded partnerships under the SNS JU program.

5.4 Publications

NexaSphere partners have set an ambitious target to produce an average of five peer-reviewed scientific publications per year. These contributions are submitted to leading journals, conferences, and workshops in the fields of 6G technologies, non-terrestrial networks (NTN), and integrated space–air–ground communications.

A preliminary list of targeted venues includes IEEE flagship events (e.g., PIMRC, ICC, Globecom, EuCNC & 6G Summit, etc) and specialized workshops. NexaSphere also targets publication of scientific papers in peer-reviewed top-tier telecommunications journals, including IEEE Journals, magazines and transactions, IEEE Communications Magazine, IEEE Access, IEEE Open Journal of the Communications Society, Elsevier Journal of Information Security and Applications, Elsevier Future Generation Computer Systems, ACM Computing Surveys, MDPI Sensors, IEEE Transactions on Network and Service Management, Elsevier Computer Networks, IEEE Networking Letters, etc.

This list is regularly reviewed and expanded to reflect the evolving research outcomes of the project.

These publications are made openly accessible via the NexaSphere website, ensuring transparency, scientific dissemination, and broad visibility among the research and innovation community. In addition to peer-reviewed papers, the platform will also host white papers, technical reports, and other dissemination outputs that showcase the ongoing progress and achievements of the project.

6 Synergies and Liaisons with relevant initiatives

This section deals with the activities under planning and started in the NexaSphere project with respect to developing synergetic activities with the other projects started in the 6GSNS JU in terms of participation to the key activities in the established working groups and involvement of the 6G-IA members in the corresponding initiatives. Given the fact that the project just started on Jan. 2025 and the SNS Collaboration agreement was signed by NexaSphere only at the end of February, this section pretty much presents the planned activities, whose reporting will be further detailed in the following-up deliverables, i.e. D7.2 and D7.3 due at M18 and M36 respectively.

6.1 SNS Joint Undertaking & SNS OPS

The main synergies to be established by the NexaSphere project with the SNS JU framework happens through the relevant initiatives defined by the SNS Steering and Technical Boards (SB, TB), in general affecting the overall project governance and related framework of technical activities. Then, specific actions will be implemented in the existing WGs of the SNS JU, in relation to the overall objectives of the project and the so-defined project work-packages. In light of this, the following working groups are being followed and the first contributions already happening or in any case planned to be started in the near future:

- 6G Architecture: The project features a dedicated workpackage (WP2) about the architecture development, whereby participation to the WG is natural. As a matter of fact, the project has already delivered a presentation about the overall architecture on May 23rd, 2025, which might be followed by another one in year 2026, once the architecture will reach a more stable version. In addition to this, the project plans to contribute to the forthcoming activities in terms of new white papers or update of existing ones.

- Reliable Software Network. The contribution to this WG is considered central, given the focus of the project about edge-cloud continuum and network orchestration. Nevertheless, the corresponding WP in the project has kicked off only in early June, so that no specific activity has been contributed so far to this WG and very first inputs are expected to be delivered in the next months (i.e. possibly within Q4-2025)

- Test, Measurement and KPIs Validation. The contribution to this WG is also considered quite relevant for the mission of the NexaSphere of the project, because of the demonstration of the project activities through dedicated PoC, hence the mapping to test and measurements topic is straightforward. However, the corresponding WP has not yet started, and hence dedicated contributions are expected to start from Q1-2026. On the other hand, KPI analysis is already being performed in the framework of the architecture WP definition, so that inputs to the WG are expected in the forthcoming months (i.e. starting from Q3-2025).

- Hardware Technologies. The NexaSphere project is NTN-centric and also addresses the design of dedicated antenna users. Nevertheless, NTN antenna is presently not included in the scope of the WG, so that the contribution of the project could be limited. On the other hand, other hardware technologies such as gNB implementation are certainly in the focus of the project and could be contributed according to the characterization done for NTN systems. Given the fact that the corresponding project WP has just recently started, the possible contribution to this WG will be started from Q3-2025.

- Sustainability. One of the missions of the NexaSphere project is to develop energy-efficient LiFi and optical transceivers and hence perfectly fit within the scope of this WG. As such, once mature results are available these will possibly be contributed to this WG.

6.2 6G-IA WG participation

The NexaSphere project is expected to contribute to the featured 6G-IA WGs in virtue of the partners being 6G-IA members. In particular, the following WGs are considered of interest and potential contribution from the project, with the timing given by the maturity by the implied project WPs.

- Vision. Contributions are expected with respect to the overall definition of the 6G landscape in relation to NTN, main use cases, and related verticals.
- Pre-standardization. The main contribution is pretty much related to the actual standardization plans and the identified standardization bodies and fora, so that the reporting to this pre-standardization WG would be mostly in terms of the conducted activities and the plan for the near future of the project.
- 5G/6G for CAM. Given the focus of the project on the automotive sector, this being a specific PoC with the presence of Stellantis as vertical representative, contributions are expected to this WG too, although the first inputs will be provided only once the use case description and the overall system definition will become more mature, i.e. realistically from Q4-2025.

It is however worth noticing that the contribution to these WGs will happen directly from the 6G-IA organizations part of the NexaSphere consortium and hence under their direct responsibility.

6.3 Other Relevant Initiatives

Other important liaising activities are planned in relation to the other ongoing SNS projects dealing with NTN topics (e.g., 5G-STARDUST, 6G-NTN, and Ether) as well as with future ones, possibly starting from year 2026. Similar consideration may hold also for establishing synergies with specific ongoing ESA projects (i.e. 5G-Mixels, 6G-LINO) or other national initiatives (i.e. 6G-TakeOff in Germany and Restart in Italy) with focus on NTN technologies and related integration into the large 6G ecosystem.

Last but not the least, relations with other research bodies such as the NetworldEurope-ETP are envisioned, especially in terms of contributions to the SatCom WG which is expected to prepare across years 2025 and 2026 dedicated whitepapers on the role of NTN in 6G, which is definitely a central topic for NexaSphere too.

7 Impact assessment

The effectiveness of NexaSphere's communication and dissemination activities will be evaluated through a set of predefined Key Performance Indicators (KPIs). These KPIs reflect the reach, engagement, and visibility of the project across various target channels and stakeholder groups.

7.1 Activity Tracking Framework for Communication and Dissemination

To ensure consistency and progress in communication and dissemination efforts, NexaSphere uses structured tracking tables which is also presented in this document in Appendix C. These tables help monitor planned actions, responsibilities, timelines, and outcomes, making it easier to assess ongoing activities and align them with the project's objectives. Below is an example of the tracking format used.

7.2 Key Performance Assessment

The status of the Communication, Dissemination, and Standardization Activities KPIs at Month 6 is presented in Table 3.

Table 3: KPIs for Communication, Dissemination, and Standardization Activities

Measure	Indicators	Target (M36)	Source and methodology	Status (M06)
Project Website	N. of unique visitors to the website (average per year)	> 3000	News, Publications, Videos, Newsletters, Deliverables	241
Social Networks	N. of followers in Twitter	> 500,	Keeping profiles on such networks active via regular posting and monitoring	11
	N. of followers in LinkedIn	> 150		142
Promo materials	N. of Project presentations	At least 6	Capturing the proper content and providing infographics/diagrams to effectively explain and present NexaSphere work and results	3(SNS-Online ASMS, EuCNC)
	N. of Flyers	At least 3		1
	N. of Posters/Rollups	At least 3		1
Publications	N. of peer-reviewed publications in journals, conferences and workshops	15+	Articles and papers presented and published in high-quality venues. White papers presenting the core concepts, main achievements as well as policy recommendations	3 (+1 submitted)
	N. of white papers	At least 3		--

e-Newsletter / news items	N. of newsletters (published every 6 months)	6	Recording of subscribers to the electronic newsletter News item published via website	--
	N. of news	20+		--
Online/in-person courses/training	N. of courses offered	At least 2	Training courses based on the NexaSphere subjects for technical audience (e.g. tutorials at conferences)	--
Videos	N. of videos published	3 videos	Introduction, informative, events and interviews' videos to support awareness creation and stakeholders' engagement	--
Workshops	N. of workshops (M5, M23, M36)	3	Attendance proof, presented material, photos, animation of social media channels, events' reports depending on scope and co-location	1
	Average number of participants per workshop	40 to 50		--
Webinars, Panels, Demos	N. of webinars Discussion	3+	Presented materials, presentations, animation of social media channels, news items, reports	--
	panels	3+		2(ASMS, EuCNC)
	Demos	3+		--
Participation to events and presentations	Number of external events partners attended to promote the project, including scientific conferences and industrial technology venues	At least 5 events per year	Attendance proof, presented material, photos, animation of social media channels, events' reports	2+
Standardisation contributions	Number of contributions to standardisation fora	6	Contributions submitted to relevant SDOs and working groups	--
Open-source contributions	for a Number of contributions to open-source initiatives	3	Contributions to relevant open-source initiatives	--

8 Conclusion and next steps

This deliverable outlines the foundational strategy for NexaSphere's communication and dissemination activities. It defines the objectives, stakeholder engagement approaches, internal coordination tools, and key performance indicators that will guide all outreach and visibility efforts throughout the project.

The strategy establishes a clear roadmap to raise awareness, promote project outcomes, and engage relevant communities across scientific, industrial, and policy domains. Internal tools such as Microsoft Teams, SharePoint, and structured mailing lists ensure efficient collaboration and seamless information exchange among partners.

The activities and performance metrics presented here will be continuously monitored and updated as the project evolves. Future deliverables will provide a detailed overview of progress, highlight achieved results, and assess the overall impact of dissemination, communication, and standardisation efforts. This continuous evaluation will ensure that NexaSphere maintains high visibility, supports the uptake of results, and fosters meaningful collaboration across its ecosystem.

Appendix

Appendix A
NexaSphere Branding Guidelines

WHAT IS A BRAND IDENTITY?

A brand identity is more than a logo. It represents the visual and communicative essence of the brand. It ensures consistency across all platforms and builds trust.

The guidelines in this document will help you use the Nexasphere brand elements correctly.
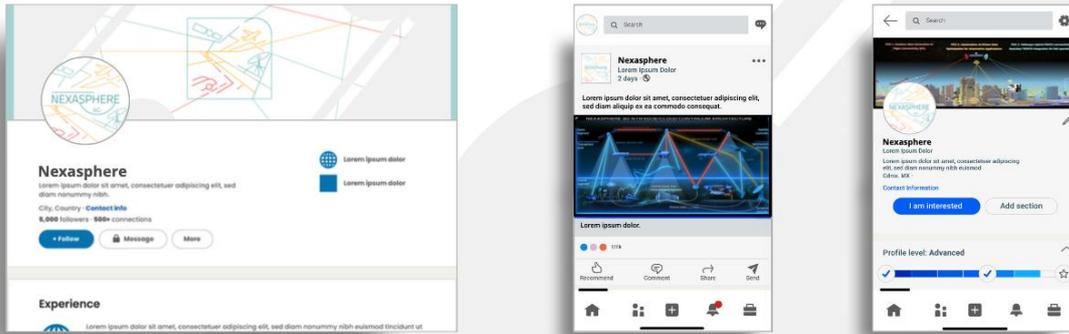
LOGO

Main Version - Compact	Main Version - Horizontal	Complimentary Media - No Text

Watermark version	Minimum size for usage	
	50 px height	15 px height
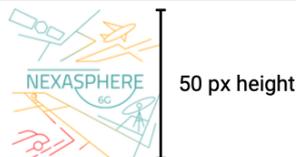
LOGO VARIATIONS

Use these logo variations in situations where color printing is not available or when required by design constraints.

Grayscale Variation

Monochrome White Variation

Monochrome Black Variation

CORPORATE COLOURS

These are the official colors of the Nexasphere brand. They should be used consistently across all visual materials to ensure a unified and recognizable identity. Always use the correct color codes provided in this document.

The primary palette must not be altered, and no additional colors should be introduced in branded content without approval.

Color Palette:

HEX: ADD9D9
RGB: 173, 217, 217

HEX: 56A69E
RGB: 86, 166, 158

HEX: F29F05
RGB: 242, 159, 5

HEX: F20505
RGB: 242, 5, 5

HEX: F2F2F2
RGB: 242, 242, 242
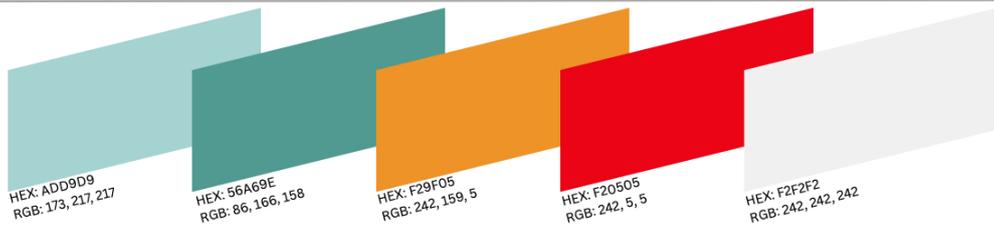
DO'S AND DON'TS

To maintain brand consistency, please follow these rules when using the logo.

Do's ✅

Use the logo with enough clear space.

Dont's ❌

Don't distort or stretch the logo. Don't change logo colors.

Use the approved color versions.

Don't place the logo on unfit backgrounds.

FONT TYPES

Typography is a key part of the Nexasphere brand identity. It supports recognition, professionalism, and consistency across all communications. Using the selected fonts helps create a unified look in both digital and print materials.

Always use the approved fonts and styles for headings, subheadings, and body text. Do not substitute or modify typefaces. Consistent typography ensures clarity, accessibility, and a strong brand presence.

HEADINGS
Use these selected fonts for Headings:

KIONA – LOREM IPSUM DOLOR SIT AMET.
Century Gothic - Lorem ipsum dolor sit amet,
Play - Lorem ipsum dolor sit amet, consectetur

BODY COPY – SUBTITLES
Use these selected fonts for body copy and subtitles:

Roboto - Lorem ipsum dolor sit amet, consectetur
Canva Sans - Lorem ipsum dolor sit amet,
Montserrat- Lorem ipsum dolor sit amet,

ALTERNATIVE HEADING AND BODY COPY:
Bellow fonts can be used as an alternative typeface if the primary options are not available.

Nora – Lorem ipsum dolor sit amet, consectetur
Michroma – Lorem ipsum dolor sit amet

News Cycle - Lorem ipsum dolor sit amet, consectetur
Arial Nova - Lorem ipsum dolor sit amet, consectetur

EU RECOGNITION

FOR PUBLICATIONS:

NexaSphere project has received funding from the Smart Networks and Services Joint Undertaking (SNS JU) under the European Union's Horizon Europe research and innovation program under Grant Agreement No 101192912. Views and opinions expressed are, however, those of the author(s) only and do not necessarily reflect those of the European Union or 6GSNS JU. Neither the European Union nor the granting authority can be held responsible for them.

SHORTER VERSION:

This work was funded by the European Union under the Horizon Europe programme through the SNS JU (Grant Agreement No. 101192912, NexaSphere). Views expressed are those of the authors and do not necessarily reflect those of the EU or the SNS JU.

CONTACTS

Project Coordination Contact

Safran Passenger Innovations, Germany

Dr. Babak Mafakheri

Babak.mafakheri@zii.aero

Website: https://nexasphere.eu/

For any questions regarding the Nexasphere brand or to request logo files, templates, or usage guidance, please contact the project coordination team. Please ensure that all uses of the Nexasphere brand follow the guidelines in this document. For special cases or external communications, prior approval may be required.

NexaSphere has received funding from the Smart Networks and Services Joint Undertaking (SNS JU) under the European Union's Horizon Europe Research and Innovation program under Grant Agreement No 101192912.

NexaSphere Project Introduction Slides

Appendix C

NexaSphere Dissemination, Communication & Exploitation tracking table

Partner organisation	Author/presenter	Others involved	Dissemination activity name	What (PLEASE SELECT from the list) EC list!	Activity type (PLEASE SELECT - optional field)	Description of the objective(s) with reference to a specific project output (max 200 characters)	Target group (PLEASE SELECT - EC list!)	Status (PLEASE SELECT - EC list!)	Size of audience	Date/period	Venue/Place	Link/source	Pictures	Countries addressed
SPI	Babak mafakheri	Tomaso deCola	SNS call 3	Conferences	webinar	SNS JU	Research communities	Delivered		13 February 2025	Webinar			
SPI	Babak mafakheri	Tomaso deCola	ASMS/SPSC 2025	Conferences	presentation	NexaSphere presentation - Panel	Research communities	Delivered		26-28 February 2025	Spain			
SPI	Tomaso deCola, Babak mafakheri	TBD	EuCNC 2025	Conferences	joint workshop	NTN Workshop	Research communities	Ongoing		3-6 June 2025	Poland	https://www.eucnc.eu/		
HPE	Sales (TBC)	TBC	MWC 2026	Other	exhibition	NexaSphere dissemination - leaflet, flyier	Industry, business partners	Ongoing	Large	2 - 5 March 2026	Spain			
RFM	Hamza El		International Paris Air show	Other	exhibition	NexaSphere dissemination - leaflet, flyier	Industry, business partners	Ongoing	Large	16-20 June 2025	Paris - Le	https://www.siae.		
SPI	Babak mafakheri	TUW	EuCNC	Conferences	presentation	AURA special session	Research communities	Ongoing		3-6 June 2025	Poland	https://www.eucnc.eu/		
RFM	Paola Farinelli		Aerospace & Defence	Other	exhibition	NexaSphere dissemination - leaflet, flyier	Industry, business partners	Ongoing	Large	02-04 Dec 2025	Turin / Italy	https://torino.bci		
CNAM	Farzad veisi	DLR/SPI	Journal publication (IEEE Networks)	Other scientific collaboration	Journal paper		Research communities	Accepted	Large					
SPI	Babak mafakheri	DLR	PIMRC-NTN Workshop	Conferences	workshop	Conference paper	Research communities	Ongoing	Large		Istanbul	https://pimrc202		
SRS	Oriol Font		EuCNC 2025	Conferences	exhibition	NexaSphere dissemination - leaflet, flyier	Research communities	Delivered		3-6 June 2025	Poland	https://www.eucnc.eu/		
aeroLiFi	Markus Werner	Dana Bezvin	AIX 2025	Other	exhibition	NexaSphere dissemination - presentation	Industry, business partners							

Partner organization	Author/presenter	Others involved	Communication activity name	Communication channel	Describe the activity	Target group (PLEASE SELECT from the list)	Outcome (insert key performance indicators)	Status (PLEASE SELECT from the list)	Size of audience	Date/period	Venue/Place	Link/source	Countries addressed
SPI	Achraf Zarrouk	Babak Mafakheri Administration	linkedin	Social media	KoM communication	Research communities		Delivered					
aeroLiFi	Dana Bezvin		linkedin	Social media	KoM communication		1669 impressions	Delivered					
8BELLS	Nikolaos Zombaksi			Print materials (brochure, leaflet, posters, stickers, banners, etc.)	To prepare posters, banners (Branding guidline)			Ongoing					
SPI	Achraf Zarrouk		Flyers	Print materials (brochure, leaflet, posters, stickers, banners, etc.)	Design a flyer			Delivered					
aeroLiFi	Dana Bezvin		Flyers	Print materials (brochure, leaflet, posters, stickers, banners, etc.)	Design a flyer			Delivered					
HELLAS	Ifikratis Kamenidis	Antonis Chelidonis	linkedin Administration	Social media	LinkedIn Post			Delivered					
aeroLiFi	Dana Bezvin		linkedin Administration	Social media	LinkedIn Post on AIX 2025 attendance and demo	Industry, business partners	363 impressions	Delivered					

NO	Type of PID (repository)	Title	Authors	Title of the journal or equivalent	Number, date or frequency	Peer-reviewed?	PID of deposited publication	PID (publisher version of record)	Month and Year of publication	Link to publication	ISSN or eISSN	Was the publication available in open access through the repository at the time of publication?	Did you charge OA publishing fees to the project?
1		Non-Terrestrial Disaggregated RAN: Prospective Architectures and Performance Insights	Farzad Veisi , Pedro B Velloso, Tomaso de Cola, Babak Mafakheri , Stefano Secci	IEEE Networks		Yes						Yes	Yes
2		Paving the Way Towards an NTN-Native 6G Ecosystem: the NexaSphere Approach	Tomaso de Cola, Babak Mafakheri	EuCNC & 6G Summit (NTN Workshop)		No						No	No
3		A Novel Compound AI Model for 6G Networks in 3D Continuum	Milos Gravara (TUW), Andrija Stanisic (TUW), Stefan Nastic (TUW)	EuCNC Conference Special Session: AURA-6G		No			April, 2025				
4		FedCCL: Federated Clustered Continual Learning Framework for Privacy-focused Energy Forecasting	Stefan Nastic (TUW)	The 9th IEEE International Conference On Fog and Edge Computing (ICFEC 2025)		Yes							