



Hexa-X-II: WP7 - Deliverable D7.3

Dissemination, communication, and clustering

Hexa-X-II

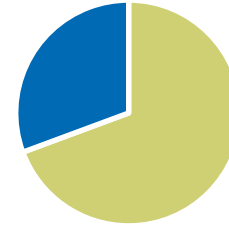
hexa-x-ii.eu

15.12.2023



The key achievements

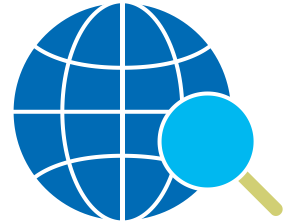
- Website Development and Engagement
- Social Media Presence
- Newsletter
- Academic and Industry Conferences
- Publications and Academic Contributions
- Stakeholder Engagement
- Clustering Activities
- Outreach and Educational Activities



19/31%
Deliverables
Delivered, and
43 Planned



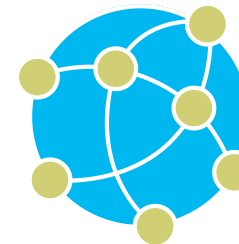
64
Publications



4,010
Web Visits



32,751
Social Media
Impressions in
all platforms



37
Participation
In International
Events



18
News Items
on website and
press releases



Target audience/stakeholder engagement



Communication Objectives	Audience groups	Achievements so far	Means of verification
Provide a clear view of the project goals and results, including an SNS Horizon Europe view	Telecom operators, vendors, service providers, research community/bodies, standards bodies, policy makers and different research fora	Deliverables D1.1, D2.1, D3.2, D4.2, D5.2, D6.2	Social Media Metrics, Deliverable Documents
Increase the awareness of the project results among the stakeholders impacted by Hexa-X-II		Deliverable D7.1	Social Media Metrics, Online Presence
Stimulate the exploitation of the achievements of Hexa-X-II towards 6G evolution of the market		Exploitation activities within WP7	-
Enforce stakeholders' community building to share and collect knowledge and increase awareness in the 6G development		Social Media Engagement	Social Media Metrics
Create liaisons and relationships with other projects in Europe and abroad (e.g., USA, China, Republic of Korea, Japan), with special focus on 5G PPP and SNS Horizon Europe		Engagement initiated as reported in D7.3	Deliverable Document
Communicate high-level results, through clear and crisp messages and communications		Deliverable D7.2	Social Media Metrics, Deliverable Documents
Impact future 6G standardisation evolutions through participants involvement in the SDOs		Will be reported in D7.5	Deliverable Document

Table 1 outlines the Stakeholder-specific communication objectives of Hexa-X-II and the achievements so far.

Stakeholder engagement



KPI	Target	Verification	Current Status	Percentage achieved
Newsletters	2 per year	Proof in Dissemination Reports	2	100%
Newsletter recipients	200	Email delivery	122	61%
Submissions in Magazines and technical press	2	Number of published articles	2	100%
Press releases with project acknowledgements	>5	Number of published press releases	5	100%
Unique website visitors per month	250	Google Analytics	167	66,8%
Website page views per month	1000	Google Analytics	787	78,7%
Web visits (sessions)	4500	Google Analytics	4010	89,1%

Table 2 Hexa-X-II communication and dissemination KPIs, targets vs. current status

Stakeholder engagement (continued)



KPI	Target	Verification	Current Status	Percentage achieved
Page views / sessions in the website	>3	Google Analytics	1,96	65,3%
Website average session time	>2 min	Google Analytics	3m 54s	195%
Followers in Hexa-X-II X (formerly Twitter)	>100	X Analytics	93	<90%
Tweets (posts on X)	>50	X Analytics	37	74%
X Impressions	>4000	X Analytics	6,506	<162%
Followers in Hexa-X-II LinkedIn	>100	LinkedIn analytics	542	542%
Posts in LinkedIn	>50	LinkedIn analytics	30	60%
LinkedIn Impressions	>4000	LinkedIn analytics	26,245	<164%

Table 2 Hexa-X-II communication and dissemination KPIs, targets vs. current status (cont'd)

Achieved Deliverables



- D7.1: Project website (<https://hexa-x-ii.eu/>) and online project presence (public)
- D7.2: Planning for dissemination, exploitation, standardisation, and clustering (public)
- D1.1: Environmental, social, and economic drivers and goals for 6G (public)
- D2.1: Draft foundation for 6G system design (public)
- D3.1: Initial identification of Architectural enablers (non-public)
- D4.1: Presentation on identified key enablers for 6G radio design and spectrum access (non-public)
- D5.1: Draft characteristics and classification of 6G device classes (non-public)
- D6.1: Identification of 6G smart network management enablers (non-public)
- D3.2: Initial architectural enablers (public)
- D4.2: Radio design and spectrum access requirements and key enablers for 6G evolution (public)
- D5.2: Characteristics and classification of 6G device classes (public)
- D6.2: Foundations on 6G smart network management and orchestration enablers

Target audience/stakeholder engagement



Date	Category	Partners involved	URL
7 October 2022	Project launch	Hexa-X	https://hexa-x.eu/hexa-x-ii-the-second-phase-of-the-european-6g-flagship-initiative/
7 October 2022	Project launch	Nokia	https://www.nokia.com/about-us/news/releases/2022/10/07/nokia-to-lead-the-next-phase-of-europes-6g-flagship-project/?utm_source=linkedin&utm_medium=social
7 October 2022	Project launch	Ericsson	https://www.ericsson.com/en/news/2022/10/ericssons-major-role-in-ec-hexa-x-ii-6g-initiative
7 October 2022	Project launch	6G Flagship, University of Oulu	https://www.6gflagship.com/news/hexa-x-ii-transforming-the-industry-through-innovation/
18 August 2023	Research news	Aalto University	https://www.aalto.fi/en/news/the-iot-connection-which-utilizes-the-energy-and-infrastructure-of-the-mobile-phone-network-enables

Table 3 Press releases by Hexa-X-II partners

International Cooperation



- The Hexa-X-II project, along with the SNS JU community, have a strong presence at the 5G **Techritory 2023** event, which takes place in Riga, Latvia, on October 18th and 19th. More precisely, in collaboration with SNS-ICE CSA, the project is organising a panel of experts to discuss the real need for 6G and 3 co-creation events that will actively engage all participants. Hexa-X-II cooperates with SNS ICE, especially for the “6G for Sustainability” event, also with direct involvement in the event with specific talks.
- Hexa-X-II project will also participate in the **2023 IEEE GLOBECOM**.
- Hexa-X-II project has started some links with Prof Abhay Karandikar and Prof Kiran Kumar Kuchi, who are among the founding members of **India 6G**.
- For the upcoming year Hexa-X-II is organizing several events, such as a workshop with International external players January or February 2024 where International Experts will be invited, an online event in collaboration with the **Germany 6G Platform**, and a set of workshops for **EUCNC 2024 in Antwerp**.

Industrial and Scientific Dissemination



The Horizon Europe requirement for Open Access to scientific publications is fully embraced by Hexa-X-II. All scientific publications will be made open access through the Hexa-X-II Zenodo community page and through the Open Research Europe publishing platform.

Scientific publications are peer-reviewed and require general assembly acceptance prior to publishing.

The Zenodo repository is publicly accessible without any credentials and supports versioning. Uploaded publications must have a Digital Object Identifier (DOI) that can be used as a reference to the document in other sites & repositories.

KPIs	Target	Means of verification	Current status
# of journal paper submission during the project lifetime	>200	D7.3, D7.6, D7.5, D7.8	27
# of conference and workshops paper submissions by all Hexa-X-II partners			35
# of workshops organized during the project lifetime	10		1
# of Joint SNS Stream B workshops organised	2		0
# of demos and industrial exhibitions given during the project lifetime	10		1

Table 4 KPIs of industrial and scientific dissemination activity in Hexa-X-II, target vs. status

Scientific Dissemination



Publication type	Number of submitted papers	Target	Achievement
Conference papers	35	200	64 (32%)
Journal articles	27		
Magazine articles	1		
Others	1		

Table 5 Overview of Hexa-X-II publications

Selected Events where Hexa-X-II was presented



- Panellist at 6G Summit Berlin
- Panel participation and presentation on 6G and sustainability at 6G Global Summit Bahrain
- Joining 6G panel at Critical communications Conference
- Talk on 6G at Critical communications conference
- Talk on 6G at the Explore 6G event in Tampere
- Presentation on Hexa-X-II at the EU Taiwan 6G event
- Panel presentation at ICC 2023
- Organization of workshop "The 6G series workshop by Hexa-X and Hexa-X-II" at EuCNC & 6G Summit
- Invited talk and panel participation on Hexa projects at IEEE WoWMom
- Organization of Netsoft 2023 conference in Madrid
- Keynote at ACM Mobisys on Hexa projects
- VTC Panel on 6G

Selected events where Hexa-X-II was presented (cont'd)



- Invited keynote on Hexa-X and Hexa-X-II at German national 6G main event
- Presentation on 6G at CxO industry Forum
- Panel talk "Towards Secure and Trustworthy 6G Networks" at 6G Core Technologies Workshop
- Invited talk at 2nd Annual Australian Beyond 5G Connectivity Summit
- Keynote at International Conference on ICT Convergence 2023 (ICTC 2023)
- Talk on Hexa projects and sustainability at Techritory meeting in Riga
- Co-organized a symposium on "Vision and Facts on 6G and Future Networks in Europe" at IEEE Future Networks World Forum, Nov 13-15th
- Presented Hexa projects at SNS Event in Istanbul
- Talk on 6G in Global 6G Development Conference
- Panel co-organizing and participation at IEEE Globecom 2023
- European Digital SMEs Alliance events

List of presentations and dissemination of Hexa-X-II



- **ICT-52 online workshop:** Presentation of Hexa-X-II at Hexa-X
- **6G Bridge program launch:** Speech with info on Hexa-X-II at launch event of national 6G Bridge program in Finland
- **Webinar: Networking Channel:** Presentation to Networking channel on Hexa-X-II
- **Mobile World Congress 2023:** Highlighted Hexa-X-II at Nokia MWC 2023 booth
- **Webinar: Networking Channel:** Presentation of Hexa-X and Hexa-X-II views on 6G on the Networking Channel
- **TTC-6G Stakeholder Workshop:** Presented Hexa-X and Hexa-X-II at high level TTC meeting between Europe and USA
- **TTC-6G Stakeholder Workshop:** Europe-US meeting organized by EC; Giovanni Romano (TIM) will talk in the session on “Introduction and Scene Setter” with a specific talk on the road towards standardization, from 3GPP to ITU; Hexa-X-II has provided a contribution on the standardization roadmap



List of presentations and dissemination of Hexa-X-II (cont'd)

- **Published SNS Journal article on Hexa-X-II:** Published SNS Journal article on Hexa-X-II
- **EUCNC & 6G Summit 2023:** Poster on Hexa-X-II at the Hexa-X-booth in EUCNC & 6G Summit 2023
- **Special Session at EuCNC & 6G Summit 2023:** Presentation of Hexa-X-II work on critical use cases at "Dependable wireless communication systems and deterministic 6G communication" Special Session at EuCNC & 6G Summit 2023
- **Interview and article:** Interview and article in IT magazine Tivi in Finland with visibility for Hexa-X-II
- **VTC Spring 2023:** VTC Spring 2023 - Panel with TIM on behalf of Hexa-X-II
- **Newsletter article:** Horizon Futures Watch Newsletter article on Hexa-X-II and interview of Mikko
- **SNS JU workshop:** Slides on Hexa-X-II to SNS JU for their microelectronic workshop

System PoC Demonstration



To showcase the ambitious project objectives, Hexa-X-II will develop three (3) System-PoCs (numbered as System-PoC A, B and C).

1. **System-PoC A:** Foundation, management and orchestration of the 6G continuum
2. **System-PoC B:** Elements of the 6G network architecture
3. **System-PoC C:** End-to-End system with radio and device components

Status of the Planned Proof of Concepts

As of now, the initial stage of system-PoC A is planned to be ready in Y1 of the project. Herein, we describe the current status and initial results of the component-PoC A.1: Sustainability and trustworthy-oriented orchestration in 6G, which is the only component-PoC in system-PoC A. The other system PoCs are still work in progress, and their findings will be reported in deliverable D7.6, due at the end of this project period.



HEXA-X-II.EU //   



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the European Union

6G SNS

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