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D2.4 EXPLORING 6G TECHNOLOGIES - FINAL

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Abstract	The deliverable presents the final version of the Information Package, designed to bridge the gap between 6G technological advancements and public understanding and acceptance. Through Info Sheets, infographics, and an explanatory video, it delivers clear, unbiased information on 6G's societal, environmental, and ethical implications. A structured science communication strategy ensures accessibility, engagement, and transparency, fostering informed discussions and public trust.
Keywords	Information package, Info Sheets, Infographics, Explanatory Video

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Document Revision History

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V0.2	19/12/2025	Feedback and edits	Flavia Maragno (D4P)
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V0.4	14/01/2026	Formatting alignment is conducted	Christos Tselebis (D4P)
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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. Note: This deliverable has only been submitted and is waiting for final approval from the European Commission.

Project co-funded by the European Commission in the Horizon Europe Programme		
Nature of the deliverable:	**R**	
Dissemination Level		
PU	*Public, fully open, e.g. web (Deliverables flagged as public will be automatically published in CORDIS project's page)*	✓
SEN	*Sensitive, limited under the conditions of the Grant Agreement*	
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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.

EXECUTIVE SUMMARY

This deliverable builds upon the work initiated in **Deliverable D2.2, *Exploring 6G Technologies***, and focuses on the development, consolidation and dissemination of the 6G4Society Information Package. While D2.2 defined the overarching communication strategy, key messages and target audiences for explaining 6G to society, the present deliverable documents the concrete communication assets produced to operationalise that strategy.

The Information Package brings together a set of accessible and citizen-oriented materials, including infosheets, infographics and an animated video, all hosted in the dedicated “What is 6G” section of the 6G4Society website. These assets are designed to provide clear, immediate answers to the question “What is 6G?”, covering core technological concepts, potential applications, societal and environmental implications, and the importance of responsible and inclusive development. The content reflects insights gathered throughout the project, including public engagement activities and the citizen survey, ensuring that societal perspectives are embedded in the communication outputs.

This deliverable therefore complements D2.2 by documenting the implementation and deployment of the Information Package across online and offline channels. For details related to the underlying communication strategy, audience segmentation and narrative framing, readers are referred to Deliverable D2.2. Together, the two deliverables form a coherent and sustained approach to supporting public understanding of 6G within and beyond the 6G4Society project.

Beyond its immediate role within 6G4Society, this deliverable establishes a concrete and lasting communication resource for future projects and the wider 6G and SNS-JU community. The 6G4Society Information Package is designed as a reusable, adaptable toolkit that can support ongoing and future efforts to explain 6G in a clear, engaging and citizen-oriented way.

By making these assets openly available and documenting their development, the project leaves behind a shared communication foundation that future initiatives can build upon, extend and localise for their own contexts. In this way, the Information Package becomes part of the collective infrastructure for 6G communication, helping ensure continuity, coherence and sustained public engagement as the 6G ecosystem continues to evolve.

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1 SECTION: PURPOSE OF THE EXPLANATORY INFORMATION PACKAGE ON 6G TECHNOLOGY

The 6G4Society Information Package aims to raise awareness on 6G technology by providing an unbiased, accessible, and comprehensive set of communication material to inform the public. The rapid evolution of telecommunications, coupled with growing concerns around digital inclusion, privacy, and environmental impact, necessitates clear and transparent communication. This package serves as a bridge between technical advancements and societal understanding, but also between the needs and perception of the public, and the priorities put forward by the industry. The final aim is ensuring that individuals from diverse backgrounds can engage with and form their own perspectives on 6G, as well as being able to nourish the process of technological development with relevant feedback coming from society.

The purpose of the explanatory information package is to:

- Present **factual, easy-to-understand** content that dispels misinformation and misconceptions about 6G.
- Provide an **impartial perspective** that neither overpromises benefits nor downplays challenges.
- **Engage a broad audience,** including individuals with limited technical knowledge, by using simple language and visual aids.
- **Encourage informed discussions** by incorporating open-ended questions that foster critical thinking.
- Ensure **inclusivity** by offering **translations in multiple languages** and distributing materials through various online and offline channels.
- **Support public and policy-level discourse** by equipping stakeholders with accurate and well-structured information about 6G's role in society.
- Enhance engagement through **multimedia content,** including infographics and explanatory videos.
- Emphasise the **ethical and environmental implications** of 6G, including privacy, security, digital inclusion, and sustainability, ensuring a human-centred approach to its development and deployment.
- Address and engage **public concerns** related to 6G technologies and its impact on daily life.

This package comprises several **Info Sheets**, **infographics**, and an **explanatory video**, all designed to make 6G comprehensible and relevant to everyday life.

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2 INFORMATION PACKAGE CONTENT OVERVIEW

The 6G4Society Information Package is published on the project website in a dedicated section titled "**What is 6G ?**." This section is designed as a central entry point for visitors who want to easily understand what 6G is and why it is relevant. By hosting the Information Package within this clearly labelled area, the website enables easy and direct access to reliable information for a wide audience, including citizens, stakeholders and non-experts who may be encountering the concept of 6G for the first time.

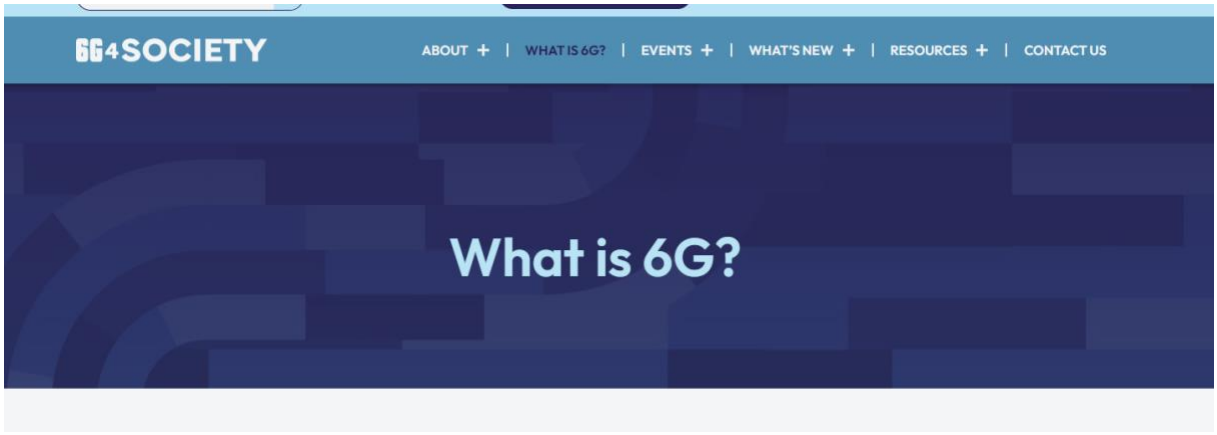

FIGURE 1: WEBSITE SECTION FOR INFORMATION PACKAGE

The explanatory information package consists of the following materials:

INFO SHEETS

Each info sheet is a two-page document that presents key aspects of 6G in a clear and engaging format. These documents are structured to ensure accessibility and clarity, incorporating a mix of text, visuals, and discussion prompts to encourage reflection. The standard format includes:

- A **concise introduction** to the topic that sets the context.
- **Key facts** and concepts explained in simple language.
- **Visual aids** such as diagrams, illustrations, and icons to enhance comprehension.
- **Real-world examples** that help the reader relate the concepts to everyday life.
- **Open-ended discussion questions** that invite critical thinking and foster dialogue.
- **Multilingual availability**, ensuring accessibility across different linguistic and cultural contexts. **The info sheets are translated in 6 languages.**

The Info sheets can be viewed and downloaded in different languages from the "What is 6G?" section on the website.

The Information Package counts **5 Info sheets:**

1. What is 6G?

The first info sheet, titled **"What is 6G?"**, provides a general overview of sixth-generation mobile networks. It introduces the concept of 6G in a clear, relatable and accessible language, making the topic understandable for a broad, non-expert audience. The info sheet explains what differentiates 6G from previous generations and highlights potential applications of 6G, illustrating how the technology could be used in everyday and societal contexts. By focusing on practical relevance rather than technical complexity, this info sheet serves as an entry point to the Information Pack and establishes a common understanding of what 6G is and why it matters.

FIGURE 2: "WHAT IS 6G?" INFO SHEET

2. What's in it for me?

This info sheet focuses on how 6G could affect people, communities and the environment in everyday life. Using clear and accessible language, it explains the potential benefits of 6G, such as improved connectivity, better access to digital services, smarter cities and more efficient use of resources, while also acknowledging possible concerns related to privacy, inclusion and sustainability. The info sheet helps readers understand why 6G matters to them personally and highlights the importance of developing the technology in a responsible and human-centric way.

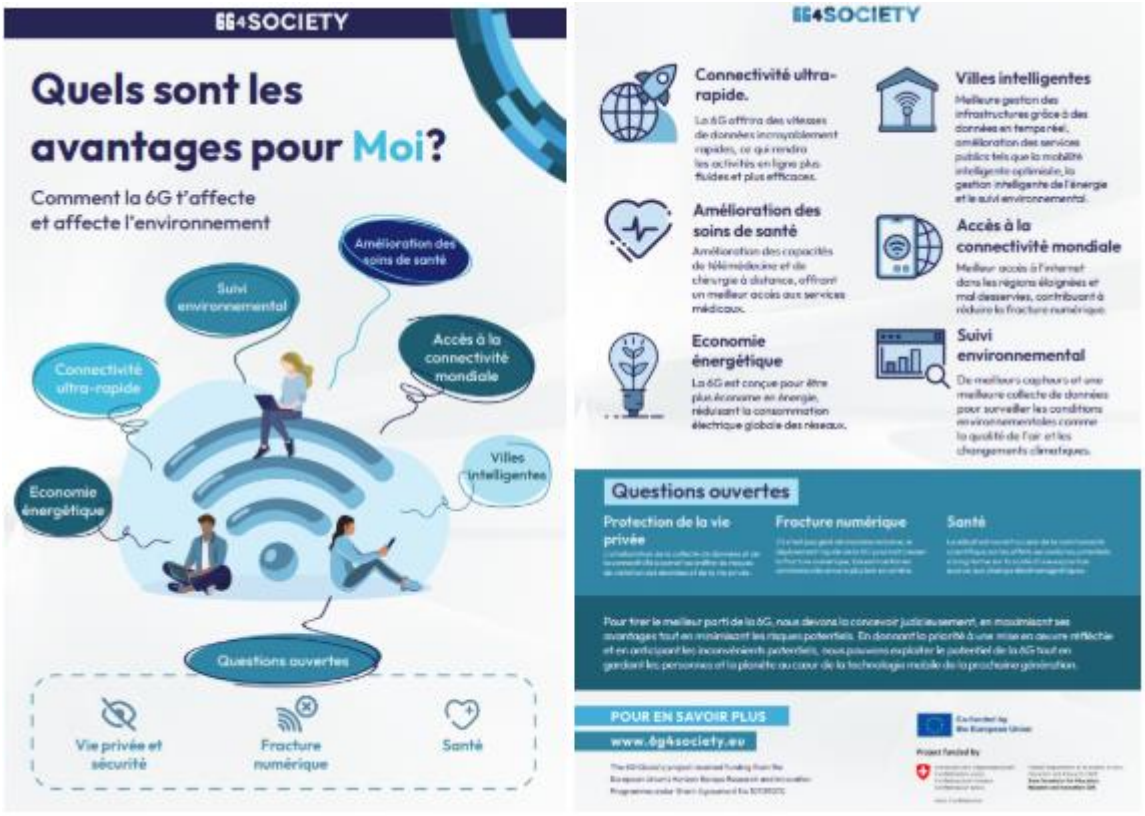

FIGURE 3: "WHAT'S IN IT FOR ME?" INFO SHEET

3. Transforming learning with 6G

This info sheet explores how 6G could transform education by enabling immersive, interactive and widely accessible learning experiences. Thanks to 6G's high data speeds, low latency, and broad coverage, virtual-reality (VR), augmented reality (AR), mixed reality and AI-driven adaptive learning could make virtual classrooms, simulations, remote labs or global collaboration between students a practical reality. At the same time, the info sheet notes that realising this vision requires attention to equity and inclusion: hardware costs, network rollout patterns, and device affordability may risk excluding under-resourced schools or students unless access and affordability are addressed.

FIGURE 4: "TRANSFORMING LEARNING WITH 6G" INFO SHEET

4. 6G and Smart Cities

This info sheet describes how 6G could enable the development of “smart cities” by supporting highly connected, data-driven urban infrastructures. It explains in accessible language how 6G’s enhanced speed, capacity and coverage can improve urban services for instance mobility, energy management, environmental monitoring, public safety and overall quality of life. It also frames 6G as a technology that could help build more sustainable, efficient and responsive cities, while emphasising that such benefits depend on responsible planning, inclusive deployment and consideration of social and environmental impacts.

FIGURE 5: "6G AND SMART CITIES" INFO SHEET

5. 6G for Accessibility: Inclusion through Technology

This info sheet outlines how 6G can improve accessibility and inclusion through technology. It describes the ways in which 6G-enabled connectivity and advanced services can help overcome barriers, for example by supporting people with disabilities, enabling inclusive digital access, and fostering equal opportunities for vulnerable or underserved groups. The info sheet frames 6G not only as a high-performance network, but as a tool for social inclusion and equitable access to digital services.

FIGURE 6: "6G FOR ACCESSIBILITY" INFO SHEET

"WHAT IS 6G?" ANIMATED VIDEO

The "What is 6G" animated video complements the Information Pack by presenting a dynamic and engaging introduction to the topic in a visual format. The video traces the evolution of wireless technology from earlier generations to 6G, helping viewers understand how and why this next step is emerging. It highlights the key capabilities and potential applications of 6G across different sectors, illustrated through concrete real-world scenarios. Beyond technology, the video places strong emphasis on societal and environmental considerations, underlining the importance of developing 6G in a responsible, inclusive and human-centric manner. By combining narrative storytelling with accessible visuals, the video effectively supports audiences in grasping both the opportunities and the broader implications of future 6G networks.

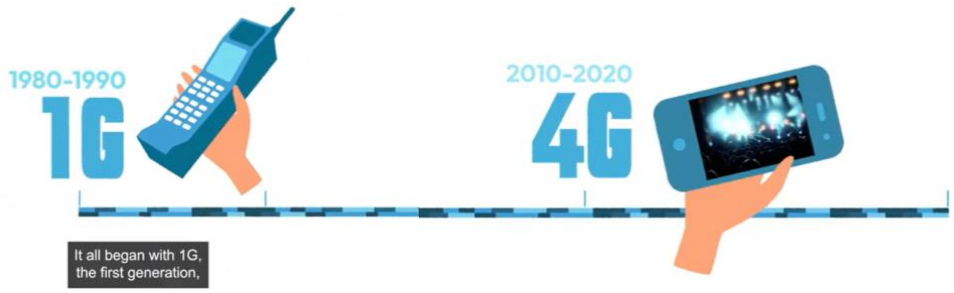

FIGURE 7: FRAMES FROM "WHAT IS 6G?" ANIMATED VIDEO

INFOGRAPHICS

The infographics translate key messages from the Information Pack into clear, visually engaging formats that are optimised for social media dissemination. In addition to summarising core insights from the info sheets, the infographics are informed by public citizen input gathered through engagement activities and the citizen survey. This input is distilled into accessible visual content, ensuring that public perspectives and concerns are reflected alongside project insights. By presenting complex topics in a simple and digestible way, the infographics help broaden outreach, reinforce key takeaways, and support wider public understanding of 6G and its societal implications.

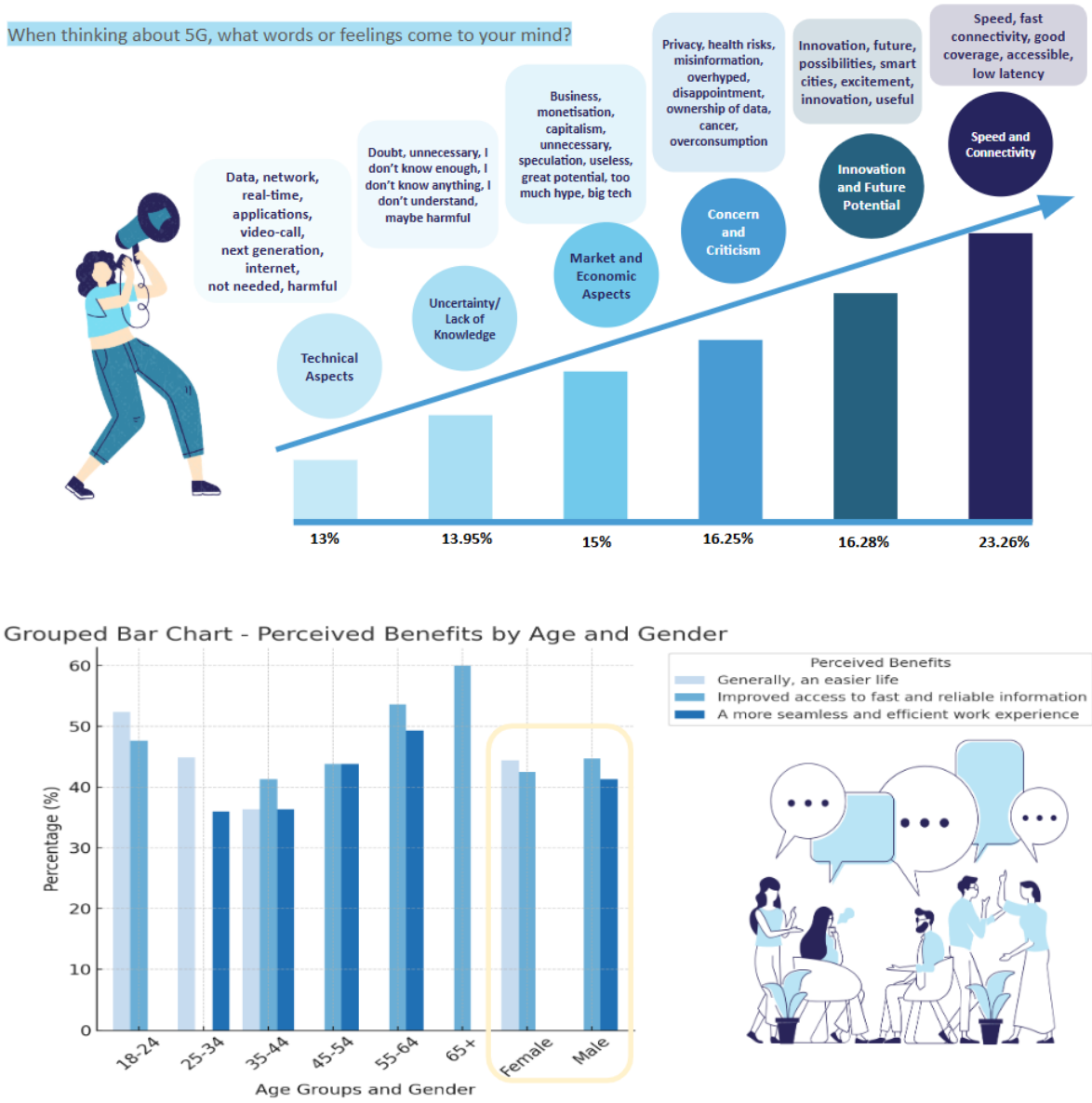

FIGURE 8: EXAMPLES OF INFOGRAPHICS

3 PROMOTIONAL AND ENGAGEMENT STRATEGY

The Information Pack is promoted through a combination of online and offline activities to maximise outreach and visibility. Online promotion includes dissemination via the 6G4Society website, social media channels and digital campaigns, where infographics, videos and direct links to the “What is 6G” section are used to guide audiences towards the full content. Offline promotion is carried out through project events, workshops, conferences and public engagement activities, where the Information Pack supports presentations, discussions and interactive formats. This combined approach ensures that the Information Pack reaches a broad and diverse audience, reinforcing key messages across multiple touchpoints and communication environments.

FIGURE 9: EXAMPLES OF ONLINE PROMOTIONAL MATERIAL

4 CONCLUSIONS

The Information Package has been a key communication tool throughout the 6G4Society project, supporting the objective of making complex 6G concepts accessible to a broad, non-expert audience. By combining written info sheets, animated video content and visual infographics, the Information Package provided clear and consistent explanations of what 6G is, why it matters and how it may affect society and the environment. It played an important role in translating research and policy discussions into understandable narratives that supported informed public engagement.

Beyond its immediate use during the project lifetime, **the Information Pack is designed to remain available on the 6G4Society website as a long-term resource.** Hosted in the dedicated “What is 6G” section, it will continue to offer reliable, curated and accessible information to citizens, stakeholders and other initiatives seeking to communicate about 6G. Its modular structure allows individual elements to be reused, updated or referenced as the 6G landscape evolves.

As such, **the Information Pack represents a lasting project output with value beyond 6G4Society itself.** It can support future research and innovation projects, as well as the Smart Networks and Services (SNS) ecosystem, by providing a tested and citizen-oriented communication foundation for explaining 6G technologies and their societal implications. In this way, the Information Package contributes to longer-term efforts to ensure that 6G development remains transparent, inclusive and aligned with societal expectations.

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