# **FFSNS BGOPS**

### **SNS-OPS Survey Results on Vision aspects of Phase 2 SNS Projects**

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### **VISION SECTION**











- Energy and carbon footprint and neutrality are considered the most important societal challenges
- **Sustainability** is considered the most important societal value, where economical sustainability and innovation is on top
- Most project will use trials and experiments to assess Key Value Indicators (KVIs)
- Affordability, scalability, flexibility and efficiency are most important contributions to the 6G Vision
- Industry, Innovation and Infrastructure, together with Sustainable Cities and Communities, are most important UN SDGs

#### Vision, V1: What are your contributions to the societal challenges?

Other

X-axis: Number of Projects

### Energy and carbon footprint of current and future SNS 18 technology solutions as well as related technology... 18 16 15 12 10

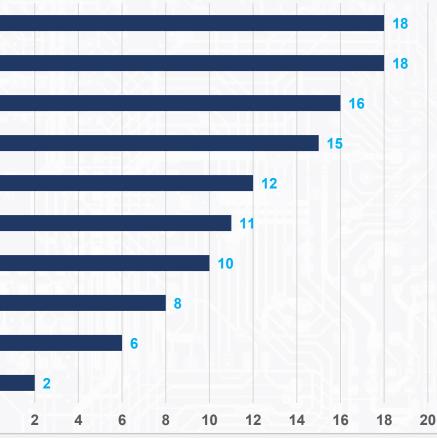
Other contributions mentioned are: The integration of ethics, legal, social science, and humanities perspectives into the development of 6G technology

#### **Preliminary Insights**

- In focus: 0
  - Energy and carbon • footprint/neutrality
  - European value-• based approach
  - Affordability, ٠ accessibility and availability

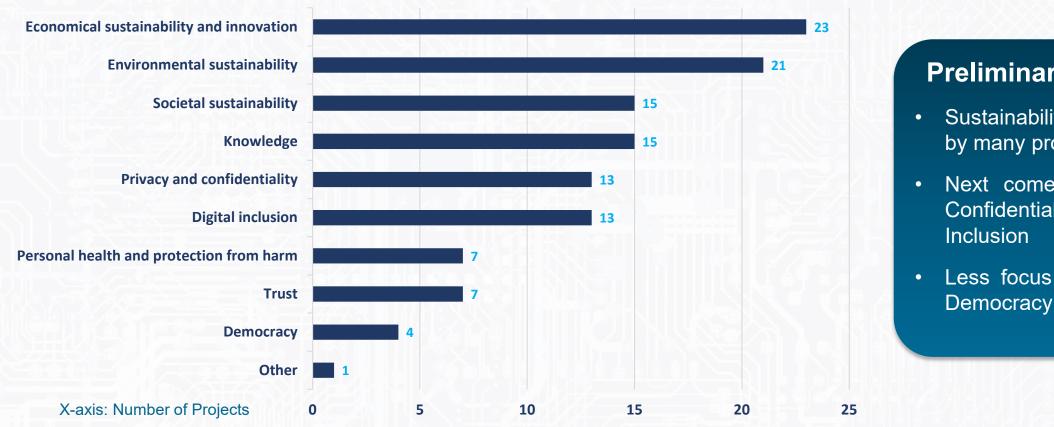
Conceive, develop and deploy a European value-based approach to 6G (based on European KVIs and KPIs) and... Affordability and accessibility considering the cost of technological solutions and the impact on availability and... Energy efficiency/carbon neutrality for various sectors Technological sovereignty across the SNS value chain Confidentiality of exchanges of data and their security Cyber-security and privacy Intellectual property aspects and its valorisation through standards in a changing (software/IT influenced) digital... Synergies with other initiatives already in place (IPCEI on Microelectronics and Connectivity, Chips Act, etc.)? If so,...

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#### Vision, V2: Which societal values are addressed in your project?



#### **Preliminary Insights**

SNS

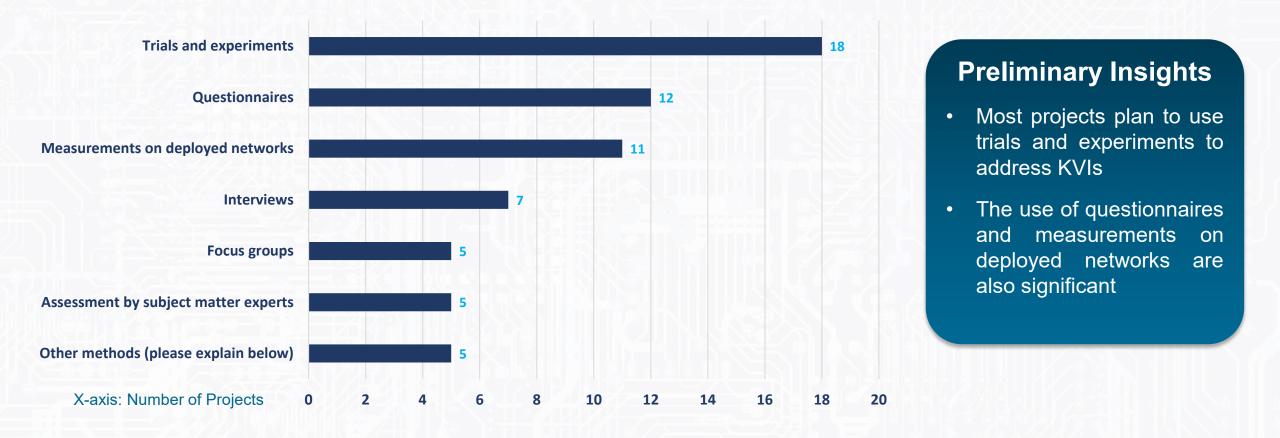
- Sustainability is claimed by many projects
- Next comes Knowledge, Confidentiality and
- Less focus on Trust and

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Question

#### Vision, V3: Does your project address Key Value Indicators (KVIs)? If yes, which method do you plan to use?

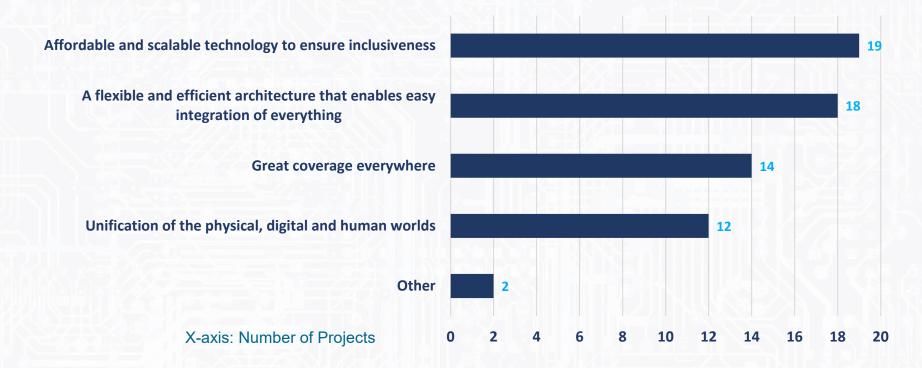




Some projects refer to the reference work done by the 6G-IA VSC WG as their guideline

#### Vision, V4: How do you contribute to the 6G Vision in your project?





#### **Preliminary Insights**

- Projects are focusing on affordability, scalability, flexibility and efficiency
- Coverage and unification of the physical, digital and human world is also important

One project mentions reduce energy expenditure and contributing to an energy-aware end-to-end system

## Question

#### Vision, V5: As sustainability is essential for B5G/6G networks, which UN Sustainable Development Goals (SDGs) will your project contribute to?

**FGSNS OPS** 

SDG 9: Industry, Innovation and Infrastructure SDG 11: Sustainable Cities and Communities 79% 67% 43% 52% SDG 8: Decent Work and Economic Growth SDG 17: Partnerships to achieve the Goal 36% SDG 13: Climate Action 45% SDG 12: Responsible Consumption and Production 18% 18% 30% **SDG 4: Quality Education** SDG 5: Gender Equality 18% **SDG10: Reduced Inequality** 18% SDG 3: Good Health and Well-being 14% 24% % Call 2 % Call 1 SDG 7: Affordable and Clean Energy 9% 14% SDG 16: Peace and Justice Strong Institutions -0%<sup>4%</sup> SDG 1: No Poverty SDG 6: Clean Water and Sanitation -0%A% SDG 15: Life on Land -0%<sup>4%</sup> SDG 2: Zero Hunger 8% SDG 14: Life Below Water 8%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

#### **Preliminary Insights**

The SNS Work Programme is specifically asking for contributions to 4 SDGs and 3 of them are on top

- SDG 9: Industry, Innovation and Infrastructure
- SDG 11: Sustainable Cities and Infrastructure
- SDG 8: Decent Work and Economic Growth

Compared to the 2023 survey of Call 1 projects, SDG 17: Partnerships to achieve the Goal has gained more interest by Call 2 projects, while there is less attention to SDG 13: Climate Action

**9** INDUSTRY, INNOVA

8 DECENT WORK ANI

13 CLIMATE ACTION

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## **THANK YOU FOR YOUR ATTENTION**

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