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

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VISION SECTION

Vision Section

Societal Challenges

Societal Values

Key Value Indicators (KVIs)

6G Vision

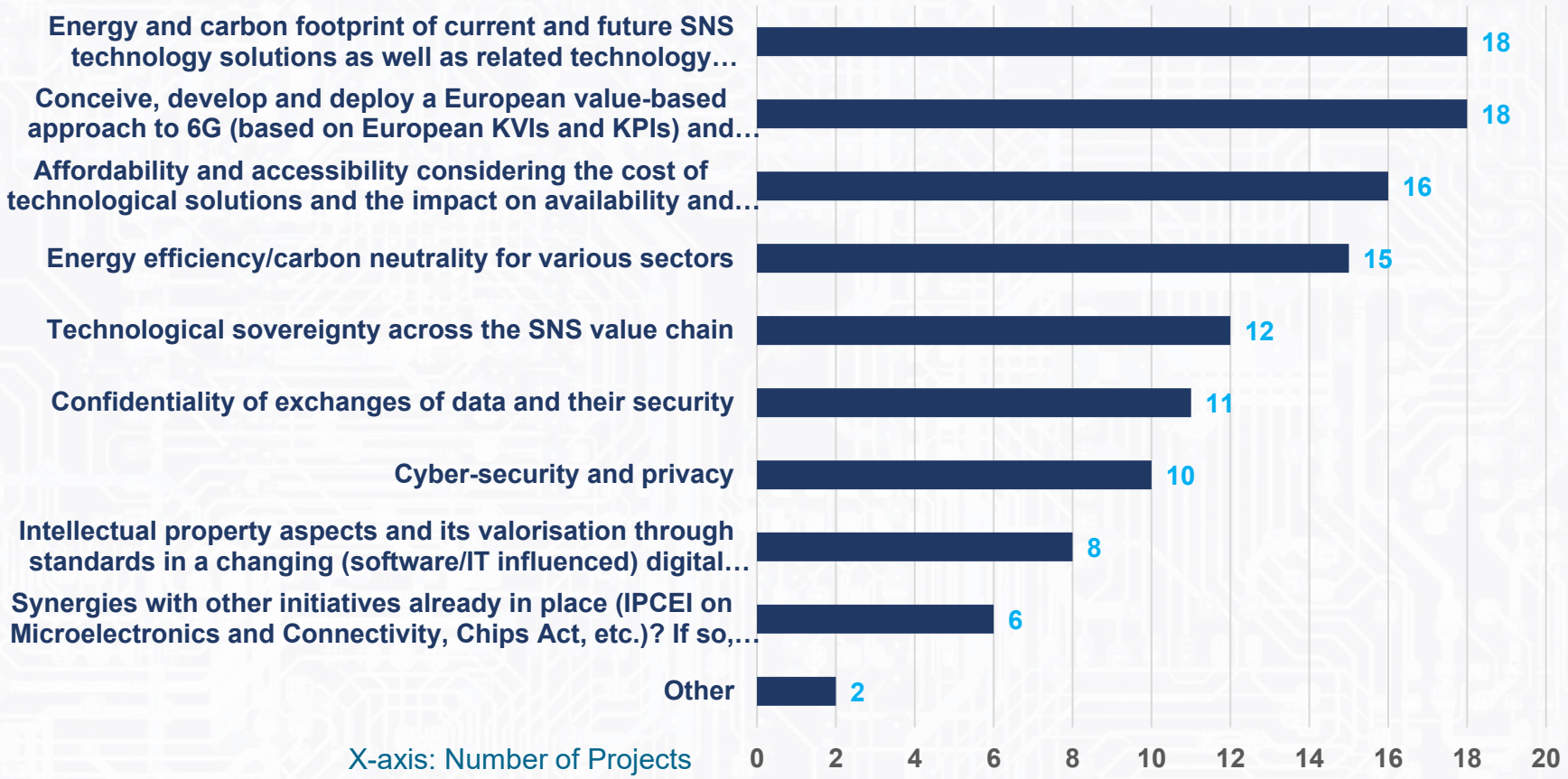
Sustainability and United Nations (UN) Sustainable Development Goals (SDGs)

Key take aways from Call 2 projects contributions to the SNS Vision

- **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

Question

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



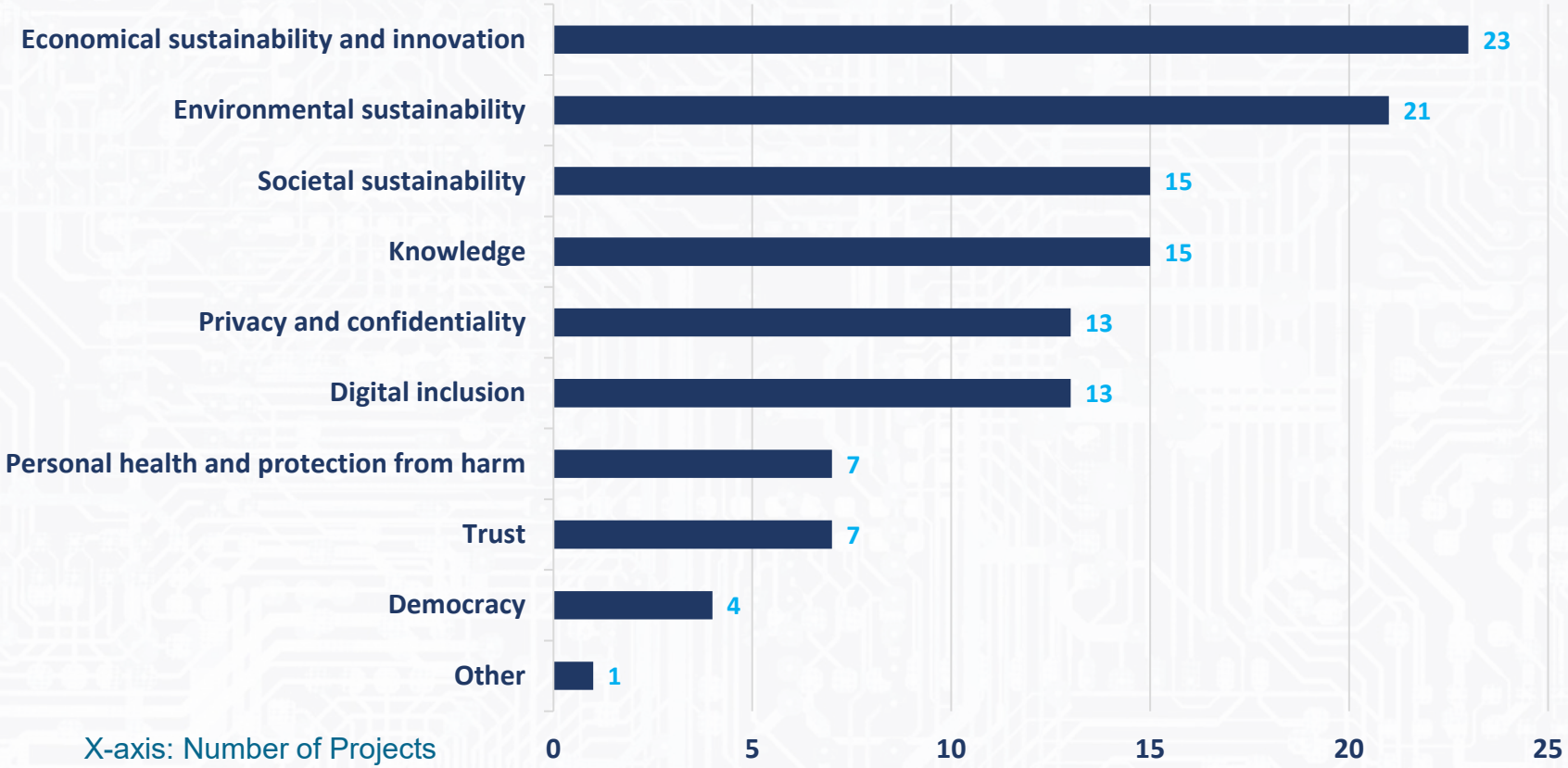
Preliminary Insights

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

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

Question

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

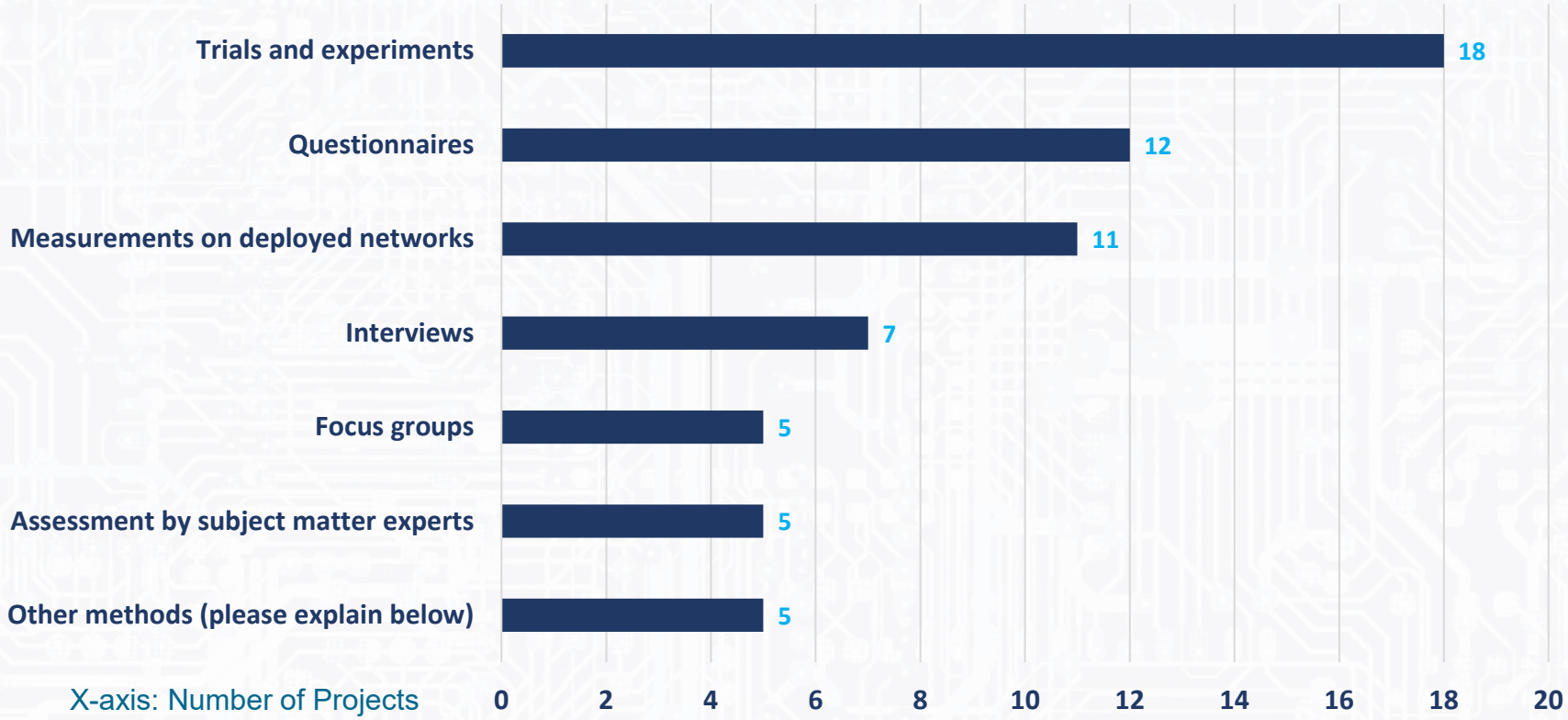


Preliminary Insights

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

Question

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



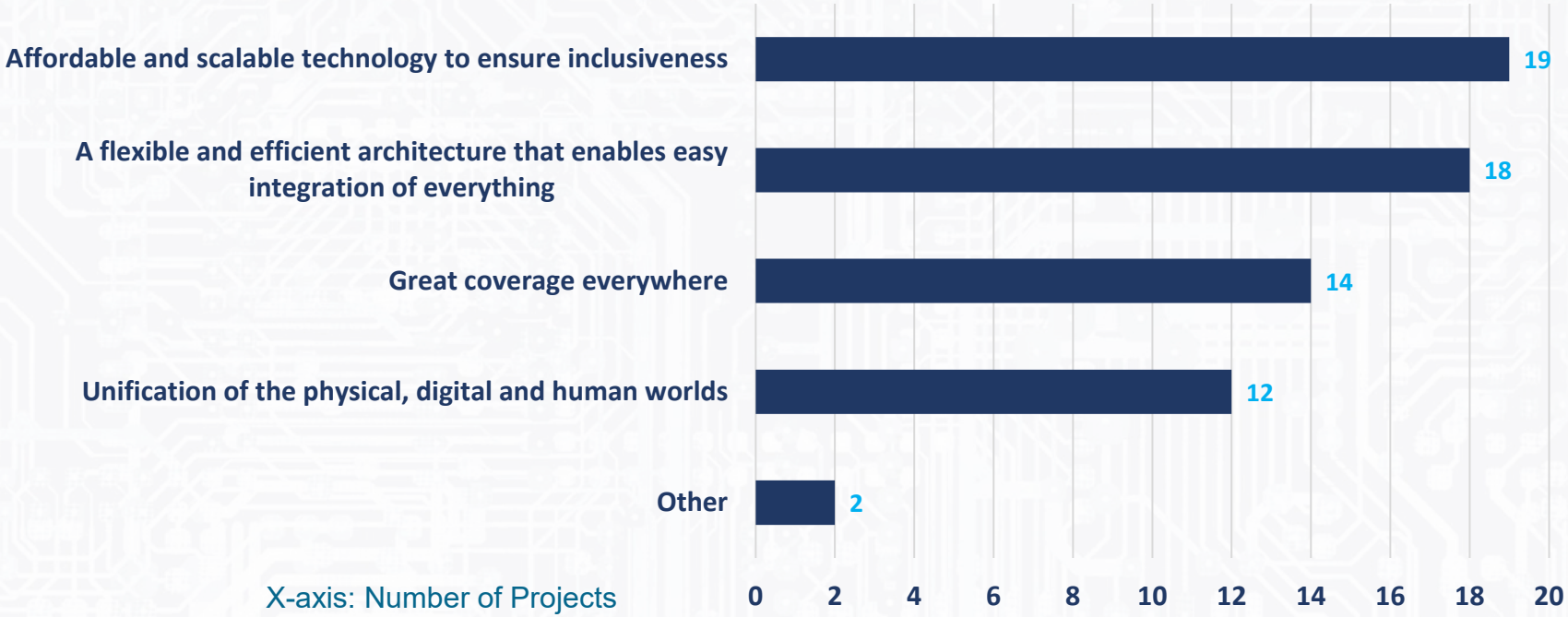
Preliminary Insights

- Most projects plan to use trials and experiments to address KVIs
- The use of questionnaires and measurements on deployed networks are also significant

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

Question

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



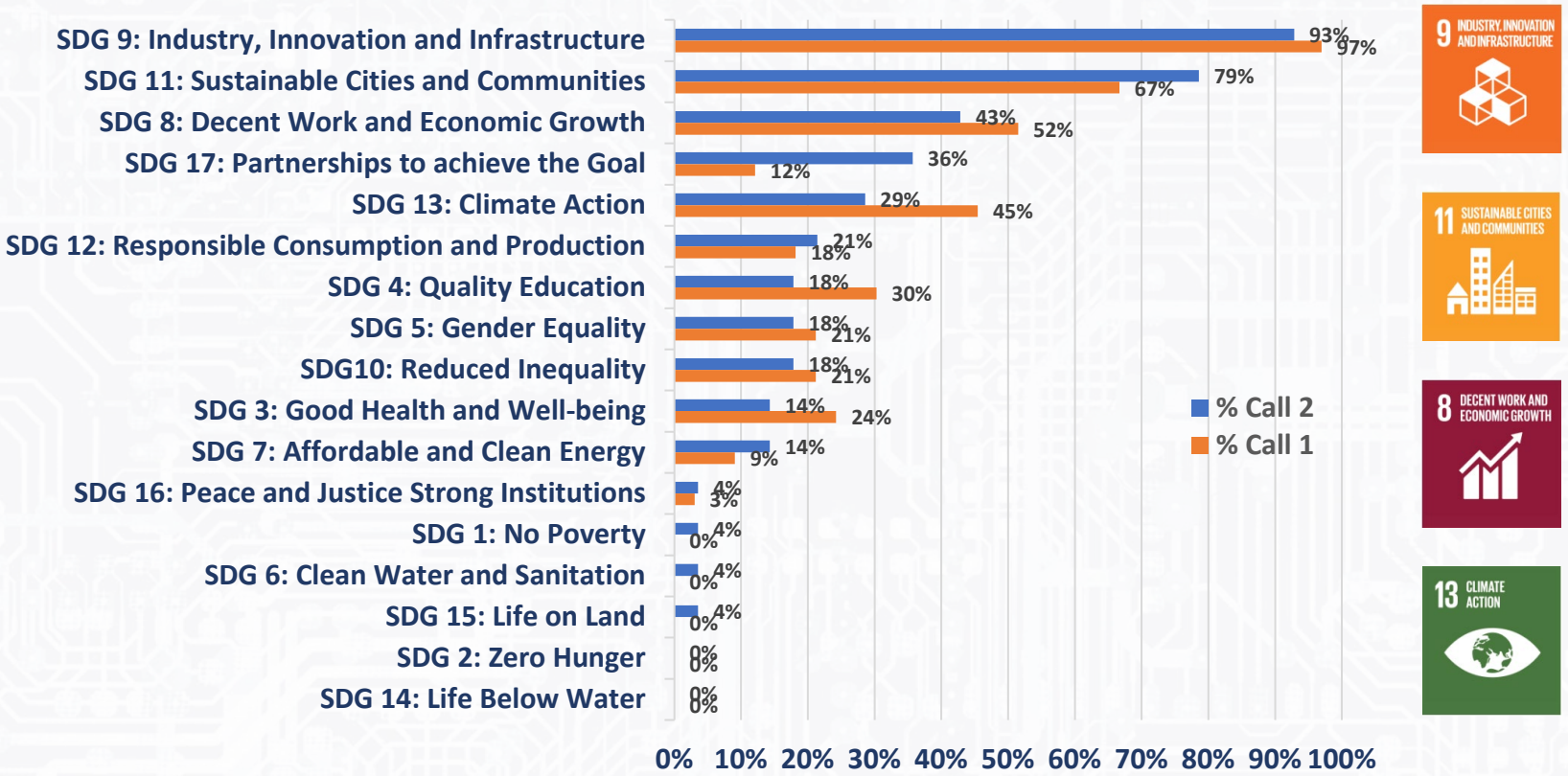
Preliminary Insights

- 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?



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*

6G SNS OPS

THANK YOU FOR YOUR ATTENTION

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