Questionnaire

Accelerating the Adoption of Quantum Technologies through Measurements and Standards

1. First name

2. Family name

3. Institute

4. Position in your Institute

5. Email

6. In your economy do you have a domestic quantum strategy?

- ◯ Yes
- ◯ No

7. Please provide link(s) related to your domestic quantum strategy.

8. In your economy, do you have a suite of domestic/regional/local quantum programs?

- ◯ Yes
- ◯ No

9. Please provide link(s) related to your domestic/regional/local quantum programs

10. In your economy, do you have Quantum-relevant roadmaps?

- ◯ Yes
- ◯ No

11. Please provide link(s) related to the Quantum-relevant roadmaps you have.

12. Do your NMIs/DIs have quantum programs?

◯ Yes
◯ No

13. Please describe in what way are they explicitly linked to a domestic strategy or program.

14. Please indicate which of these quantum technology/application areas you're active or interested in:

	Active in	Interested in (and not yet active)	Not interested in
Ion traps	◯	◯	◯
Superconducting qubits	◯	◯	◯
Photonic computing	◯	◯	◯
Spin qubits	◯	◯	◯
Majorana qubits	◯	◯	◯
Software	◯	◯	◯
Benchmarking	◯	◯	◯
Gravimetry	◯	◯	◯
Magnetometry, i.e. NV, atomic, SQUIDs	◯	◯	◯
Atomic clocks	◯	◯	◯
Rydberg atom-based systems	◯	◯	◯
Optically pumped magnetometers	◯	◯	◯

15. Please indicate which of these quantum technology/application areas you're active or interested in (continued):

	Active in	Interested in (and not yet active)	Not interested in
Photonic pressure measurements (cavity-based)	○	○	○
Josephson Junction JAWs / voltage	○	○	○
Quantum Hall resistance, graphene, quantum anomalous Hall effect	○	○	○
Single electron / current	○	○	○
Single photon sources and detectors	○	○	○
Peripherals: RF components, optical components	○	○	○
Diamond nitrogen vacancy centre, colour centers	○	○	○
Entanglement distribution	○	○	○
QKD	○	○	○
Quantum-enhanced imaging & spectroscopy	○	○	○
Circuit QED	○	○	○
Quantum materials, i.e. topological materials, skyrmions, ...	○	○	○

16. Are you active or interested in quantum technology/application areas not listed in the two previous questions? (Specify if already active)

17. What are your highest priorities for your quantum program(s)?

- ☐ Advancing the supply chain
- ☐ Standards
- ☐ Fundamental measurements
- ☐ Building capabilities
- ☐ Developing case studies/use cases
- ☐ Other

18. How do you support / engage quantum industry?
For example: collaborative research, testbeds, ...

19. Do you have current collaborations with other NMIs related to quantum?
(if yes, which one(s))

20. Anything else you would like to share with the community?