

A short introduction to:

# Focus Group on Quantum Technologies

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## Focus Group Quantum Technologies

- March 2019: Standards4Quantum workshop making quantum technology ready for industry
- January 2020: QFlag CSA, EC-JRC and CEN/CENELEC initiate new focus group
- May 2020: EU National Standards Bodies agree to new focus group and its terms of reference
- June 2020: Kick-off of the new Focus Group on Quantum Technologies (FGQT)
- Chair: Dr. Oskar van Deventer (TNO), Co-chair: Dr. Nicolas Spethmann (PTB), Secretariat: Benedict Wenzel (DIN) Amirifar Nooshin (CEN-CENELEC) main contact: : NAmirifar@cencenelec.eu

#### Scope

- ensure interaction between relevant European stakeholders
- map ongoing activities, define needs and opportunities
- recommend further action to ensure that standards support the deployment of QT in industry

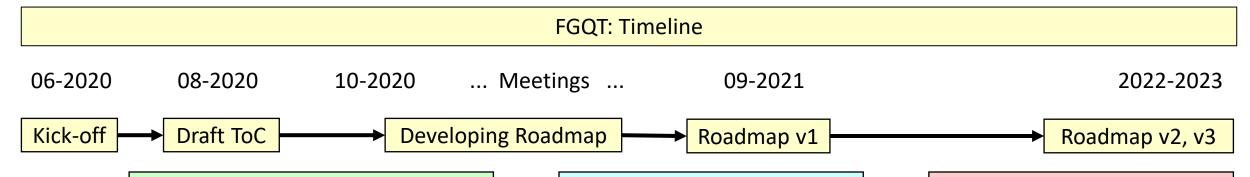
→ Currently realized in joint work on <u>Standardization Roadmap for QT</u>

140+ members from almost all EU countries

(51% Scientists, 30% Industry, 11% Standardisers, 8% Other)

23/03/2021

## Focus Group Quantum Technologies



12 - 13 October 2020

1st Virtual Workshop - Exploration
of standardization requirements
for Quantum Technology products
and services

70+ participants;
5 topics with presentations and discussions:
Q-communication
Q-computers, Q-simulation,
Q-sensors & imaging,
Q-enabling technologies,

Liaising and coordinating with other SDOs about development of standards relevant to quantum technologies

Initiating standards development work within CEN/CENELEC and other SDOs → TR, TS, CWA,...

Active communication channels through double-memberships with:
ITU-T FGQIT4N
ISO/IEC JTC1 WG14 "On Quantum Computing"
EuroQCI (Quantum Communication
Infrastructure)
European QuIC (Quantum Industry Consortium)

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If you have any further questions and/or
You would like to contribute to the work of FGQT please contact the secretariat:
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