More on Action Line 4: Societal Impact of Quantum Technologies
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Societal Impact in Quantum Delta NL

Big national ambitions:
– develop technology testbeds
– develop use cases/applications
– create world leading ecosystem
– grow wealth and well-being

Strongly driven by:
– cutting edge R&D
– ecosystem development
– broad talent development
– infrastructure & labs
– **Societal Interaction/ Impact**
### Action Line 4: Societal Impact - Budget

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- **Reserved Pending Mid-Term Review of Programme**
- **Allocated**

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- Organization/(research) projects/
- Meetings/International
- Research
- Tools/Helpdesk
- Legal/Policy guidelines
- NL/EU
Living Lab
Quantum and Society

Research
– socially responsible applications
– societal readiness & understanding
– ethical and legal aspects

Co-creation (research) projects
– joint projects
– creation of tools for society and business

Quantum Society & Innovation Support
– provide guidance to society about quantum technology
– disseminate toolkits for business and startups
– startup support
CURRENT TEAM
(senior members)

Victor Land, QDNL
Program Manager

Ulrich Mans, QDNL
International Strategy

Joris van Hoboken, UvA
Ethical/Legal Aspects

Deborah Nas, TUD
Responsible Research & Innovation

Pieter Vermaas, TUD
Design for Values

Daniël Frijters, ECP
Toolkits, dissemination, helpdesk

Julia Cramer, U Leiden
Science Communication and Society
• Clear links to societal aspects of fundamental Quantum Technology research and innovation and Responsible Research & Innovation (Action Line 1)

• Clear links to responsible Entrepreneurship and startup support (Action Line 2)

• Clear links to talent development, life long learning, education in society (Action Line 3)

• Clear link to technology and application development for the benefit of society in CAT programs
Current Challenges:

– Developing a coherent program in line with the proposal, taking the 3 + 4 year funding reality into account

– Involving societal parties/governments and industry

– Creating an open co-creation space, inviting broader participation within the boundaries of the current proposal

– Community building

– Creating active links throughout the program

– Governance and execution structures for the Action Line
Contact us when you want to partake in developing quantum technologies and applications for the benefit of society!

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Coördinator Action Line 4

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