



Germany's € 3 bn Action Plan on Quantum Technologies

Discussion & QBN statement

15 May 2023, online

Agenda

- › News from QBN
- › Presentation of Germany's Action Plan & Q&A, Tobias Denzler, VDI
- › Open Discussion and QBN's statement

QBN Forum



A platform for all QBN members, regardless of the technology and application, for networking, open discussions and to working together on a supportive and flourishing environment.

Topics

- › Governmental Initiatives
- › Markets, Business & IP Strategy
- › Internationalization
- › Standardization
- › Company Organization & Culture
- › Public & Private Funding
- › ... open to your ideas

Agenda template

1. News from QBN and the Quantum Industry
2. Introduction of new QBN Members
3. Keynote from Politics, Business & Ecosystem
4. Open discussion

QBN Meetings & Networking Events

- › **Quantum Computing & Applications**
14-15 Jun 2023 @ Barcelona Supercomputing Center, ES
- › **SQuaD Workshop on Quantum Communication**
27 Jun 2023 @ World of Quantum, Munich, DE
- › **VIP Networking Reception**
27 Jun 2023 @ World of Quantum, Munich
- › **Networking Lunch - Tech & Biz Pitches**
28 Jun 2023 @ World of Quantum ft. QDNL, Munich
- › **Photonic Quantum Computing**
29 Jun 2023 @ World of Quantum, Munich, DE
- › **Quantum Sensors**
29 Jun 2023 @ World of Quantum, Munich, DE
- › **Diamond Quantum Technologies**
1 Nov 2023 @ Element Six, London, UK



**NEW
EVENT**

27.06.2023
MUNICH, GERMANY

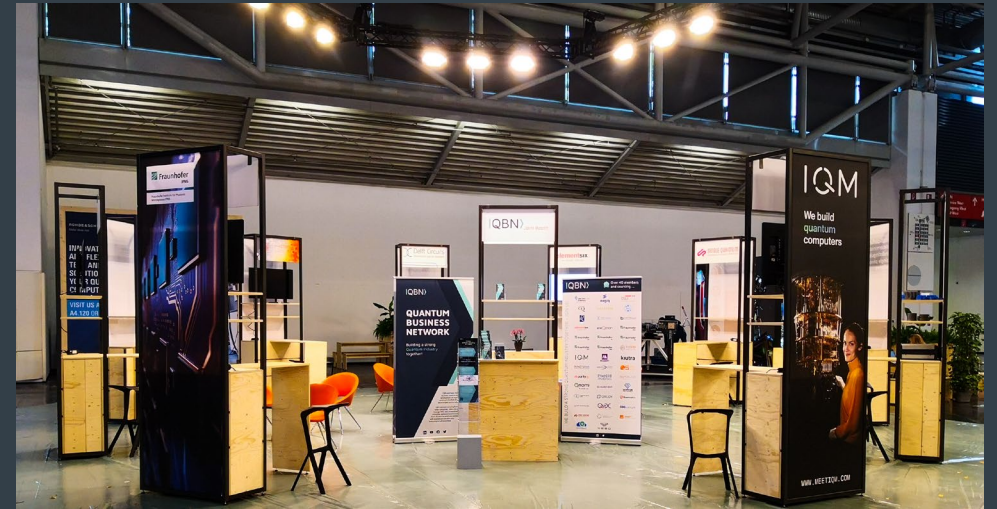
**WORLD OF
QUANTUM**



Hosted by
IQBN

Quantum Pavilion by QBN / Joint Booth

- › **World of Quantum/Photonics**
29-30 June 2023, Munich, DE
- › **Quantum Effects**
10-11 Oct 2023, Stuttgart, DE
- › **Photonics West**
30 Jan – 1 Feb, San Francisco, USA
- › **APS March Meeting**
4-8 Mar, Minneapolis, USA



Conference by QBN

- › **QBN Quantum Industry Summit**
10-11 Oct 2023 @ Quantum Effects, Stuttgart, DE



EUR 3 billion Action Plan for Quantum Technologies by German Government

Goal

Establishing Germany as a world leader in quantum technologies and secure sovereign access to this important future technology.
(Government is committed to strengthen European collaborations and joint efforts.)

Priorities

1. **Bringing quantum technologies into practical use** across businesses, society, and state institutions – especially focusing on create application-ready products in the fields of quantum sensor technology and quantum communication with the goal to strengthen national security and take an independent path in international competition
2. **Driving targeted technology development in quantum computing** – including the creation of standards and norms and a focus on advancing quantum computing in areas such as quantum software and hardware, algorithms, and applications.
3. **Creating excellent conditions for a strong ecosystem** – including fostering a startup culture, promoting networking between science and business, and creating excellent conditions.

Ministries

BMBF, BMWK, BMF, BMI, BMVg, BMG, BMDV

QBN statement

Plan passed the cabinet - What's next?

1. Discussion:
 - a. Right goals & measures to achieve them?
 - b. What's good, what's missing?
 - c. What's important for implementation?
2. Please send us your statement, comments by 19 May.
3. QBN writes a statement
4. Send you a draft for comments
5. Send QBN statement to German ministries
6. Send QBN statement to EC for information

Discussion QBN position

Praise, criticism, additions? – Recommendations for the correct implementation of the strategy

Technologies & Applications

- › Quantum Communication
- › Quantum Sensing
- › Quantum Computing

Organization

- › Startup & SME support
- › Commercialization
- › Talents & Workforce
- › Public & Private Funding

Structure

- › Ecosystem & Supply Chain
- › Governance
- › Standardization
- › International/EU Competition vs. Collaboration
- › Coordination of initiatives & hubs

General

- › Timeline & duration
- › Where do you see QBN?

Let's build a strong Quantum Industry together!



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