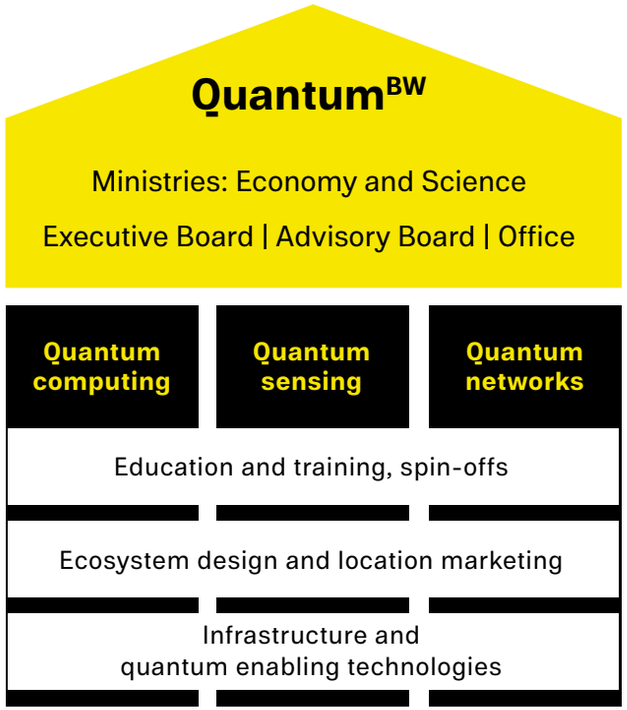

Quantum^BW aims to

- strengthen and accelerate innovations in the field of quantum technologies through joint applied research and development projects.

- create and expand efficient infrastructures for successful collaborations between academia, industry and investors.

- promote the training of experts and early-career employees for academia as well as industry and creates attractive site conditions for top executives.

- support a vibrant entrepreneurial environement that encourages startups from academia and industry and fosters investments.

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Quantum^BW

WHERE POSSIBILITY becomes reality

Part of THE LÄND

Quantum^{BW}

THE LÄND of quantum technology

Pooling activities and combining expertise

Quantum^{BW} combines the unique scientific and economic competencies in Europe's leading innovation region THE LÄND to help shape the quantum future.

Together we promote the transfer of quantum technology research into applications to improve various areas such as health, mobility and climate protection, and to disruptively change markets.

We further strengthen the already existing networks and create efficient infrastructure to build-up a powerful ecosystem, especially in the areas of Quantum Sensing, Quantum Computing, Quantum Networks and the necessary Quantum Enabling Technologies.

We jointly evolve THE LÄND as a leading research and industry hub for Quantum Technologies and enhance its international visibility.

The Quantum^{BW} innovation initiative brings together basic and applied research with industrial developers and users. It is open to all players in the field of quantum technologies in Baden-Württemberg and fosters exchange to jointly build up a powerful quantum technology ecosystem.

"Based on an already internationally unique research landscape in quantum sciences, we want to take the final leap into the technology of the future with Quantum^{BW}."

- Prof. Dr. Joachim Ankerhold, Academic Speaker Quantum^{BW}

"Quantum technologies have great disruptive potential. For example, Quantum Sensors will make it possible to measure signals many times smaller than conventional sensors which opens up new applications in medical technology."

- Dr. Volkmar Denner, Industry Speaker Quantum^{BW}

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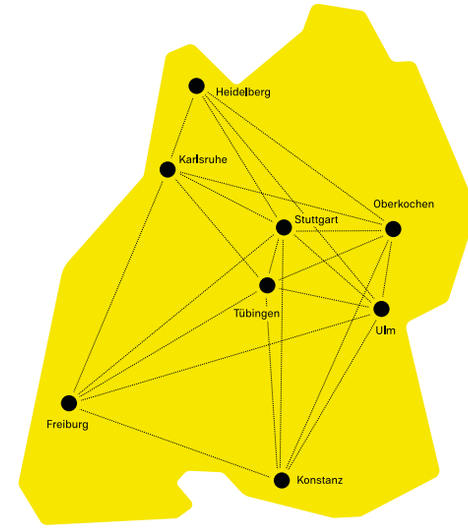
Quantum^{BW} Network



Companies

- Balluff GmbH
- Carl Zeiss AG
- HQS Quantum Simulations GmbH
- IBM Deutschland GmbH
- Mercedes-Benz-Group AG
- NVision Imaging Technologies GmbH
- Q.ANT GmbH
- Quantum Brilliance GmbH
- Robert Bosch GmbH
- Tesat-Spacecom GmbH & Co. KG
- TRUMPF SE+ Co. KG

Universities and Institutions

- University of Freiburg
- University of Tübingen
- Karlsruhe Institute of Technology (KIT)
- Heidelberg University
- University of Konstanz
- University of Stuttgart
- Ulm University
- Baden-Württemberg Cooperative State University (DHBW)
- German Aerospace Center (DLR)
- Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e. V.
- Max-Planck-Gesellschaft zur Förderung der Wissenschaften e. V.
- Baden-Württemberg International