



invest  
in  
bavaria

Welcome to Bavaria.

Europe's Innovation Hub for  
Quantum Computing.

## Meet top-quality talent and industry partners.

"The German commitment to Quantum Computing, particularly in Bavaria, is, I think, second to none. It is absolutely the most exciting little Quantum Computing hub that is developing in Bavaria."

Ilyas Khan, Founder of Cambridge Quantum Computing

### Diverse Business Opportunities

Business opportunities abound, notably due to highly dynamic R&D environment, presence of SMEs, major corporations like Airbus or BMW and availability of both public and private funding.

**46%**

of EU Public Funding in 2022 came from Germany<sup>1</sup>

**300 Mio €**

investment plan made by Bavaria until 2024 for the Munich Quantum Valley plus additional spillover from the €5.5 billion Hightech Agenda program

### Access to Talent

Bavaria is an ideal breeding ground for young talent in the field of quantum technology thanks to its world-renowned universities: TUM, LMU, JMU Würzburg.

**20 Mio €**

are being invested for new professorships in quantum technology in Bavaria

### Effective Networks

Bavaria provides a varied number of networking platforms that drive cross-industry innovation. Examples: Munich Quantum Valley, TUM Venture Labs, Bayern Innovativ, Quantum Business Network (QBN)

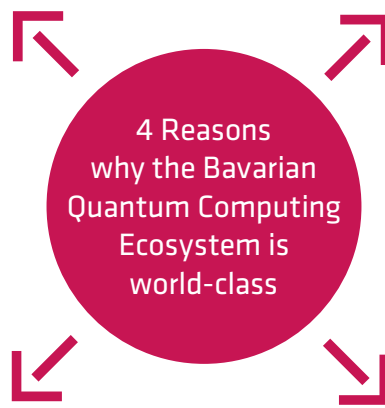
**43**

quantum-technology-relevant study programmes at 15 universities within Bavaria

### Glocal Perspective

Bavaria's quantum initiative not only incorporates the whole of Bavaria but enjoys strong ties with global partners.

And it isn't just major players such as IBM and Microsoft that are working on the topic in their Bavarian R&D centers. Many international start-ups are attracted by this dynamic ecosystem.



**\$8.4 bn**

EU-wide public funding for Quantum Technology, for which Germany accounts for 46%.

**135k+**

graduates in Quantum Technology relevant fields in the EU talent pool (303 per million inhabitants).

**92**

Quantum Technology research groups and institute partners in Munich Quantum Valley (MQV) and outside MQV in Bavaria.

<sup>1</sup> McKinsey & Co. Quantum Technology Monitor, April 2023, S. 15, (mckinsey.com)

# Benefit from Bavaria's superb QT ecosystem.

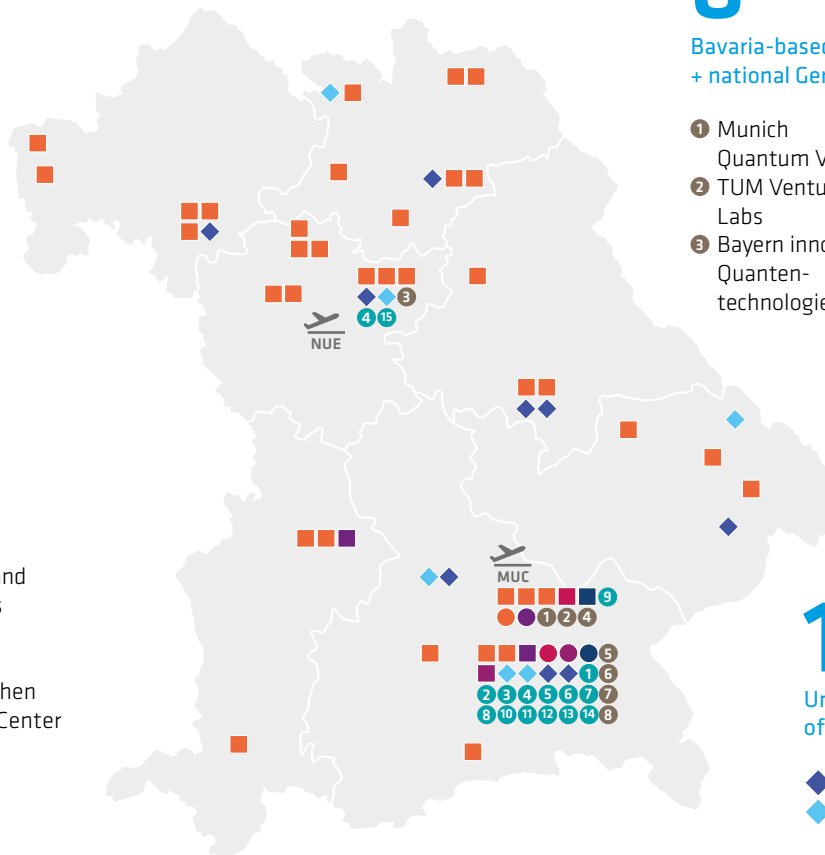
Selection of key QT players and application-orientated corporates

- 1 AIRBUS
- 2 BMW GROUP
- 3 Daimler
- 4 Infineon
- 5 IQM
- 6 parityQ
- 7 kiutra
- 8 HoloSystems
- 9 plinq
- 10 QUANTINUM
- 11 QUBIQ
- 12 QUANDELA
- 13 TOPNICA
- 14 IQM
- 15 REBONANT

## 46+

Science, research and innovation institutes.

- 36 Fraunhofer Institutes and Project & Research Groups
- MCQST
- DLR
- Helmholtz-Zentrum München
- Leibnitz Supercomputing Center
- Max-Planck-Institut for Quantum Optics
- QAR-Lab
- Walther-Meißner-Institut
- Munich-Atoms
- Munich-sc



## 8

Bavaria-based network organizations + national German networks

- 1 Munich Quantum Valley
- 2 TUM Venture Labs
- 3 Bayern innovativ, Quanten-technologie
- 4 Quantum Business Network (QBN)
- 5 PushQuantum
- 6 Bavarian Quantum Computing eXchange
- 7 Bavarian Competence Center for Quantum Security and Data Science (BayQS)
- 8 Quantum Computing User Network (QuCUN)

## 15

Universities and Universities of Applied Sciences.

- 9 Universities
- 6 Universities of Applied Sciences

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Invest in Bavaria  
Rosenheimer Str. 143c | 81671 Munich, Germany

[quantum@invest-in-bavaria.com](mailto:quantum@invest-in-bavaria.com)

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