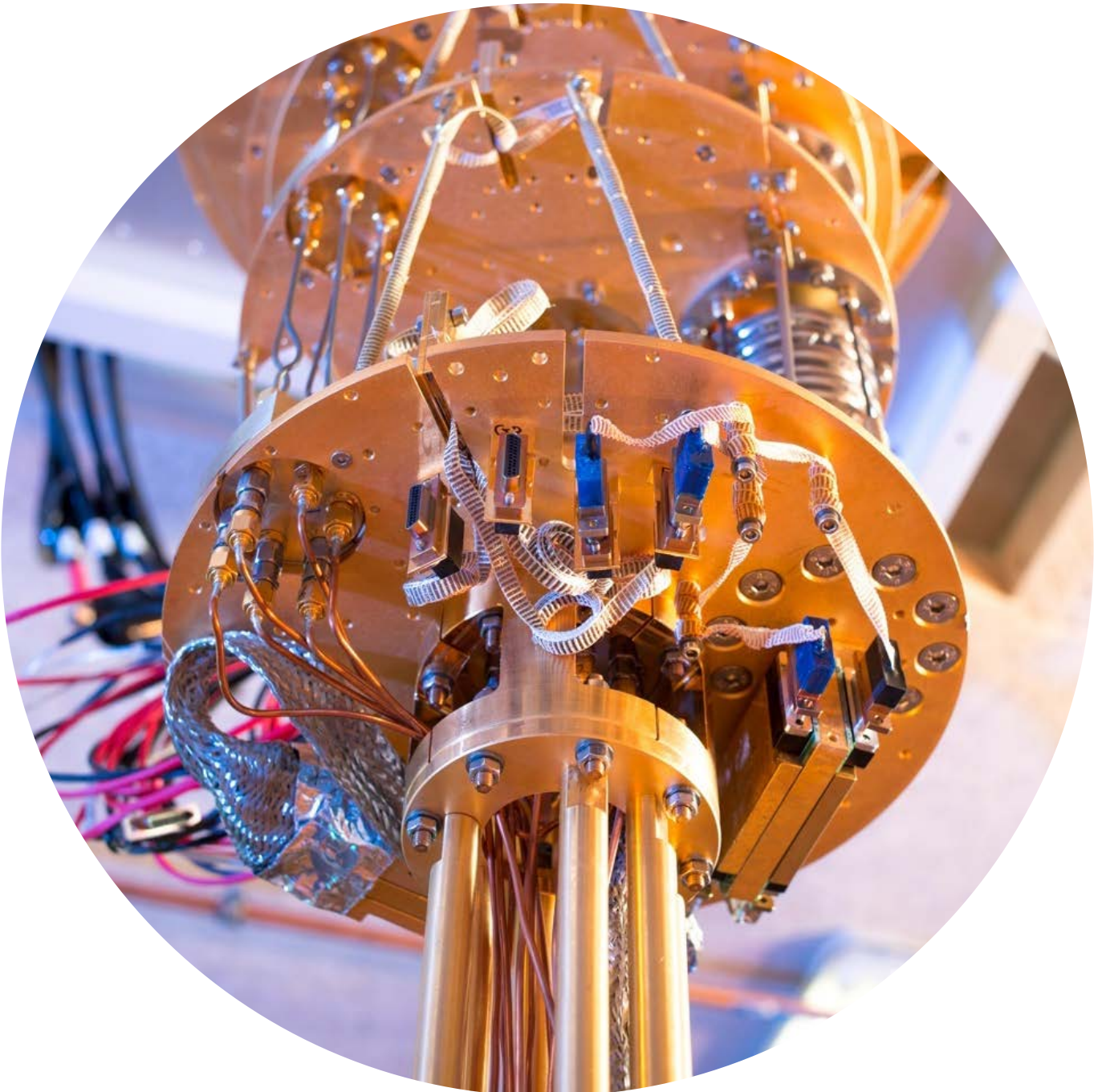


# How the Netherlands is Advancing Quantum Technology

A world-leading hub for cutting-edge  
innovators

INVEST IN  
Holland



# Accelerate your quantum business in the Netherlands

As the world continues to experiment with the possibilities of quantum technology, the Netherlands is dedicated to advancing innovation in the European quantum landscape and beyond. Quantum computing, networks, sensors and simulators are enabling forward-thinking companies to perform key processes in new ways across a robust range of industries, from modern banking to medicine. With the global quantum market estimated to reach **€30-89 billion** by 2040, the Netherlands has established itself at the forefront of this promising technology.

## A dynamic ecosystem for quantum technologies

Positioned in the heart of Europe, the Netherlands' dynamic high-tech ecosystem fosters a unique knowledge cluster that is propelling quantum technology to new heights. Nurtured by the Dutch education system and entrepreneurial spirit, the Netherlands attracts the brightest minds from across the globe. The country has allocated more than €615 million in public funding to research and development in the field, creating the ideal conditions for breakthroughs in quantum technology.

As a result, the Netherlands is a premier hub for international companies looking to drive new discoveries and applications in quantum technology. Highly collaborative Dutch networks and research initiatives encourage knowledge institutions and businesses to work together on the cutting-edge of quantum.

## A national network. 5 innovation hubs. Global impact.

The Netherlands invests in its quantum ecosystem through a program called Quantum Delta NL (QDNL), which encourages R&D, supports businesses and entrepreneurs, cultivates talent and harnesses quantum for positive societal impact. QDNL is anchored by five inter-connected innovation hubs – each with a unique strength but joined by a common goal: to further quantum innovation.

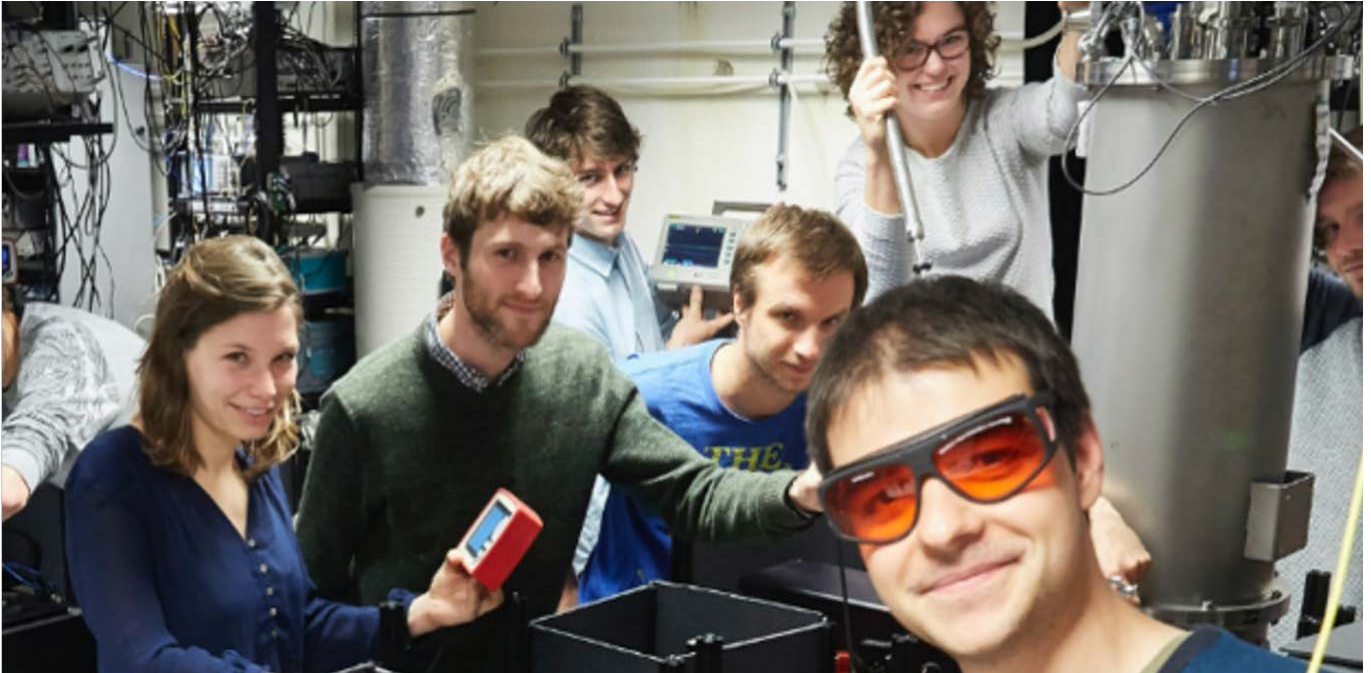
**Delft** is renowned for its unique local quantum ecosystem, which has been decades in the making. With QuTech as the central player, Quantum Delft is a hotspot for scientists, engineers and business leaders to lay the groundwork for new possibilities in quantum technology.

**Eindhoven** is the central hub of the Brainport ecosystem, one of Europe's most innovative high-tech regions. Here, the Center for Quantum Materials and Technology Eindhoven (QT/e) is at the heart of efforts to implement quantum-enabling technologies.

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***“Quantum technology is a promising field of technology and the Netherlands has world-leading research facilities [to drive innovation]. Here, scientists, researchers and entrepreneurs come together to accelerate applications of quantum technologies.”***

– Micky Adriaansens, Dutch Minister of Economic Affairs and Climate Policy



A strong societal focus underpins **Leiden's** strides in quantum applications. Quantum Delta Leiden offers expertise across the spectrum: from quantum algorithm design, to real-world implementation and quantum-society interactions, to tailored applications for industrial partners.

Home to the largest academic cleanroom in the Netherlands, **Twente** acts as a beacon of innovation in developing nanotechnology for quantum applications. The city is a breeding ground for technological advancements, with a focus on quantum electronics and photonics.

In **Amsterdam**, researchers and companies join forces to bring quantum technology to life: from identifying use cases and developing prototypes, to creating strategic roadmaps for market introduction. With QuSoft as the central player in the Dutch capital's ecosystem, Quantum Amsterdam is a gateway for businesses to explore opportunities in quantum software, sensing and simulation. Fintech companies can take advantage of the public-private cooperation projects in artificial intelligence (Amsterdam Science Park), blockchain (Dutch Blockchain Coalition) and cyber security (Hague Security Delta). Companies in the financial sector, such as ABN Amro Bank, ING, and Rabobank, have many partnering facilities.

## The right talent to craft the quantum future

At the heart of the Netherlands' dedication to crafting a quantum future lies a highly skilled, innovation-minded talent pool. Institutions like TU Delft, University of Amsterdam, Leiden University, University of Twente and TU Eindhoven serve as the foundation for training new quantum experts and facilitating R&D within this fast-changing industry.

With its connected ecosystem, R&D expertise and skilled workforce, the Netherlands offers the perfect launchpad in Europe to make a quantum leap toward the technologies of tomorrow. Are you in?







# Supporting your expansion into the Netherlands

**Invest in Holland is the national network of the Netherlands Foreign Investment Agency (NFIA), an operational unit of the Dutch Ministry of Economic Affairs and Climate Policy and regional economic development agencies. Together we support foreign companies that are keen to solve global challenges and set up and expand their business in the Netherlands. Here's how we help:**

- Provide information, advice and support
- Connect you to relevant partners
- Jumpstart your network
- Introduce you to public-private partnerships
- Put your feedback in the right hands

**Want to learn more? Visit [investinholland.com](https://www.investinholland.com) to start the conversation about business opportunities in the Netherlands.**

