

10 Reasons

Why The Greater
Rotterdam -
The Hague area
is the Hotspot
for **Quantum**



**Innovation
Quarter**

*invest & innovate
in Greater
Rotterdam – The Hague*

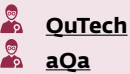
10 Reasons why the Greater Rotterdam – The Hague area is the Hotspot for Quantum

The Netherlands and the Greater Rotterdam- the Hague area offer a unique location for quantum business and research. The region, which includes Delft and Leiden, offers a high concentration of quantum activity. It is home to various research institutes, talent, start ups and corporate R&D centers with a focus on quantum. With its QuTech campus, Delft is considered the epicentre of quantum technology worldwide. The Netherlands aims to become the 'Silicon Valley of quantum technology', as indicated in the Dutch Government's National Agenda for Quantum Technology document. If you are looking to expand your quantum business to mainland Europe, we invite you to take notice of the top 10 reasons to invest and innovate in the Greater Rotterdam – the Hague area.

1 RESEARCH & INNOVATION

250+ Researchers collaborate in the research initiatives aQa and QuTech

Academic and business partners include: TU Delft, Leiden University, TNO, Microsoft, Intel, Cisco, Shell, KPN, Fujitsu, Bluefors and the Port of Rotterdam.



Research on quantum computing, quantum internet and qubit research
Research group developing quantum algorithms, including AI techniques



2 QUANTUM TALENT

Delft University of Technology (TU Delft):



#1 school for quantum technology in the the Netherlands



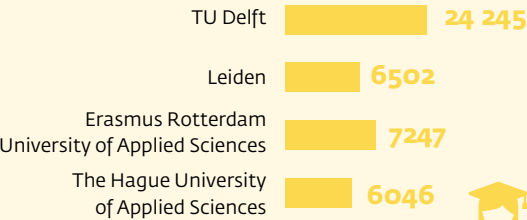
QuTech Academy to educate quantum worldwide and online platform School of Quantum

142 quantum professionals graduated at TU Delft

TALENT POOL

Universities that offer quantum related programmes in the region.

Stem students:

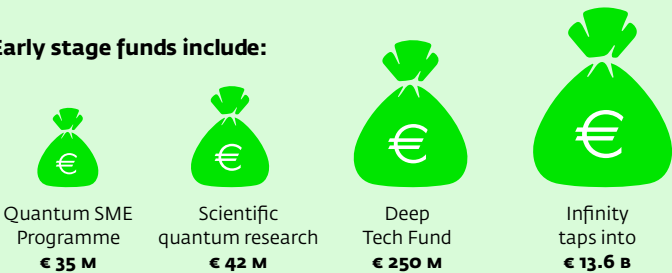


3 ACCESS TO CAPITAL

Investors, incubators and accelerators in our region include:

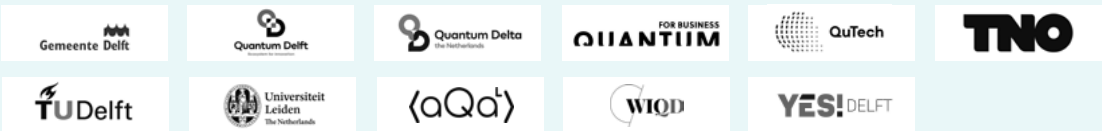
- Quantum Delta NL
- UNIQ
- NWO
- IQ Capital
- Infinity
- YES!Delft

Early stage funds include:



4 LEADING ECOSYSTEM IN QUANTUM TECHNOLOGIES

The Greater Rotterdam – The Hague area has the biggest Quantum cluster in the Netherlands. Triple Helix partnerships accelerate quantum development.



5 AREAS OF EXPERTISE

The internationally renowned Quantum research cluster is concentrated around Delft.



Quantum
computing
hardware



Quantum
internet



Qubit
research



Quantum secure
communication



Post-quantum
cryptography



Quantum
algorithms



Quantum in
society

6 TEST FACILITIES

Quantum Inspire

Quantum Community Lab

Quantum for Business

Quantum and Society

Kavli Nanolab

Quantum Network Explorer

Quantum Information

Technology Test (QITT) facility

- First European Quantum computer demonstrator accessible to the public
- Rentable dilution fridge, test facilities and office space for startups
- Educates and guides businesses who want to lead the quantum revolution
- Maximise quantum technologies' positive impact on society
- Largest Nanotechnology research cleanroom in Europe
- Platform to gain online access to a quantum internet demonstrator
- Validate cryogenic chips, quantum processors, cryogenic electronic components, control electronics and software solutions.



7 COMPANIES

The region is home to many quantum companies, including corporates and startups.

BLUEFORS

Delft Circuits
Hardware for quantum engineers

DEMCON

FUJITSU

intel

Leiden Cryogenics
Leading in ultra-low temperature technology

Microsoft

Onnes
Technologies

Orange
Quantum
Systems

QBLOX

QOPHOX

Q'bird



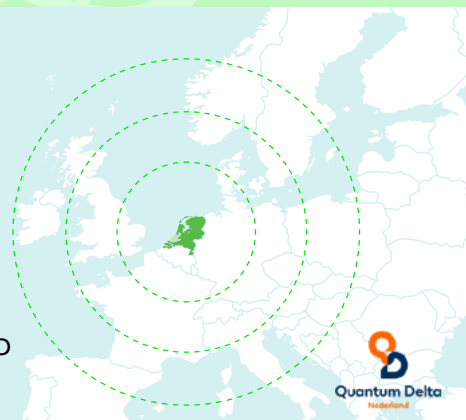
s&t
History since 1946

SINGLE QUANTUM
Enabling the quantum revolution

8 NATIONAL AMBITION

Quantum Delta NL was awarded by the Dutch national government €615 mln to implement the National Agenda for Quantum Technology. Our region plays a crucial role in the national ambition.

100 startups and **2,000** PhD's by 2027,
30,000 jobs and **2-3** billion GDP share in 2040



Quantum Delta
Holland

9 SUCCESS STORIES



ImpaQt consortium

6 companies in the supply chain, collaborate to build a fully integrated quantum computer



QuTech Inspire

first European quantum computer available to the public in the cloud since 2020



First QKD-MDI

World's first Multi-user quantum safe communication system deployed at the Port of Rotterdam

10 HOUSE OF QUANTUM

The House of Quantum is to be known as 'the smartest 12,000 square meters of quantum' in Europe. It will be the heart of the local and national ecosystem of companies, investors and researchers.

- Community building for quantum startups and scale ups
- Shared technical quantum labs
- Headquarter of Quantum Delta NL
- Community events
- Connection with industry partners



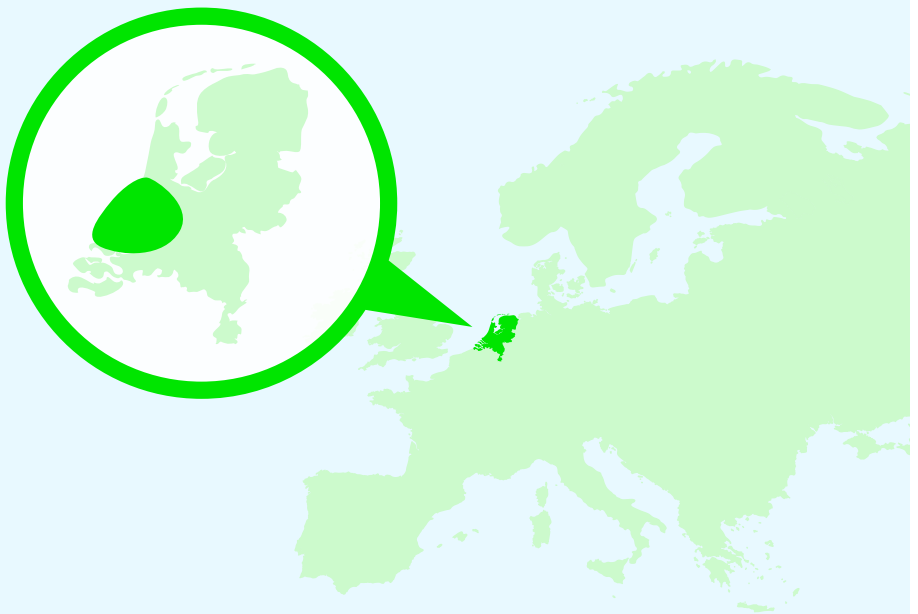
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The Greater Rotterdam – The Hague area, the Hotspot for Quantum

Expand your Quantum business to Europe

The Greater Rotterdam - The Hague area is recognised for its innovative capabilities in quantum and digital technology and has a strong track record of businesses developing world-class technology. Dominant sectors in the region, such as Horticulture, Maritime & Port, Aerospace and Life Sciences are increasingly dependent and adopt the latest cutting-edge technologies at a fast pace, providing opportunities for companies of all sorts. The region is home to world leading universities, many startups and provides easy access to the Port of Rotterdam, Rotterdam The Hague Airport and Schiphol Airport.



InnovationQuarter is the Economic Development Agency for the Greater Rotterdam – The Hague area in the Netherlands. We provide free assistance and advice to international companies looking to locate in this region. In addition, we facilitate co-operation between companies, academic institutions and government. Moreover, InnovationQuarter funds innovative and fast-growing businesses in the region.

THE GREATER ROTTERDAM – THE HAGUE AREA OFFERS YOU

- A strategic location in the heart of Europe
- Excellent business, research and incubation facilities
- Highly educated and multilingual workforce
- Competitive tax climate
- Excellent quality of life



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InnovationQuarter

WTC The Hague

Prinses Margrietplantsoen 41

2595 BR The Hague

The Netherlands

+31 (0)88 - 4747 255

info@innovationquarter.nl

investinrotterdamthehaguearea.org