



# TechBridge

Programme for trilateral innovation cooperation

Quantum Technologies in Aviation & Aerospace Applications  
The Netherlands – France - Germany

---

# Netherlands innovation policy framework: National Technology strategy (NTS)

## Why NTS:

- make a major contribution to our earning potential
- crucial to resolve the challenges our society faces
- important to protect our national security
- allow the Netherlands to be a technological leader

## Priority key enabling technologies:

- Optical systems and integrated photonics
- **Quantum technologies**
- Process technology, including process intensification
- Biomolecular and cell technologies
- Imaging technologies
- Mechatronics and optomechatronics
- Artificial intelligence and data
- Energy materials
- Semiconductor technologies
- Cybersecurity technologies



# Why TechBridge?

**International collaboration is essential for advancing technology development**, as it enables the sharing of expertise, resources, and perspectives to drive innovation and address global challenges effectively.

Therefore **TechBridge**:

- to seize international opportunities within the Dutch priority NTS technologies and its specific areas of application;
- to positioning the Netherlands as a serious, reliable, and long-term partner within the NTS technologies with bilateral partners in regions of strategic importance;
- to strategically steer through a multi-annual, programmatic approach with clear goals and a roadmap to achieve our NTS ambitions in collaboration with strategic partners.



# What is TechBridge?

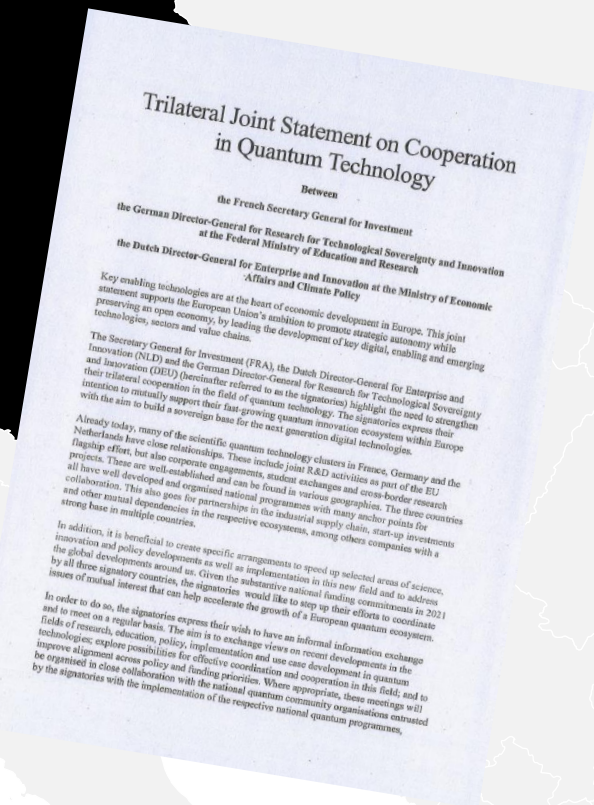
To stimulate innovation in the priority areas of the National Technology Strategy, the Dutch Ministry of Economic Affairs provides funding to support international innovation collaboration through **bilateral calls for R&D projects** with **strategically important partners** and within **key technology areas**.

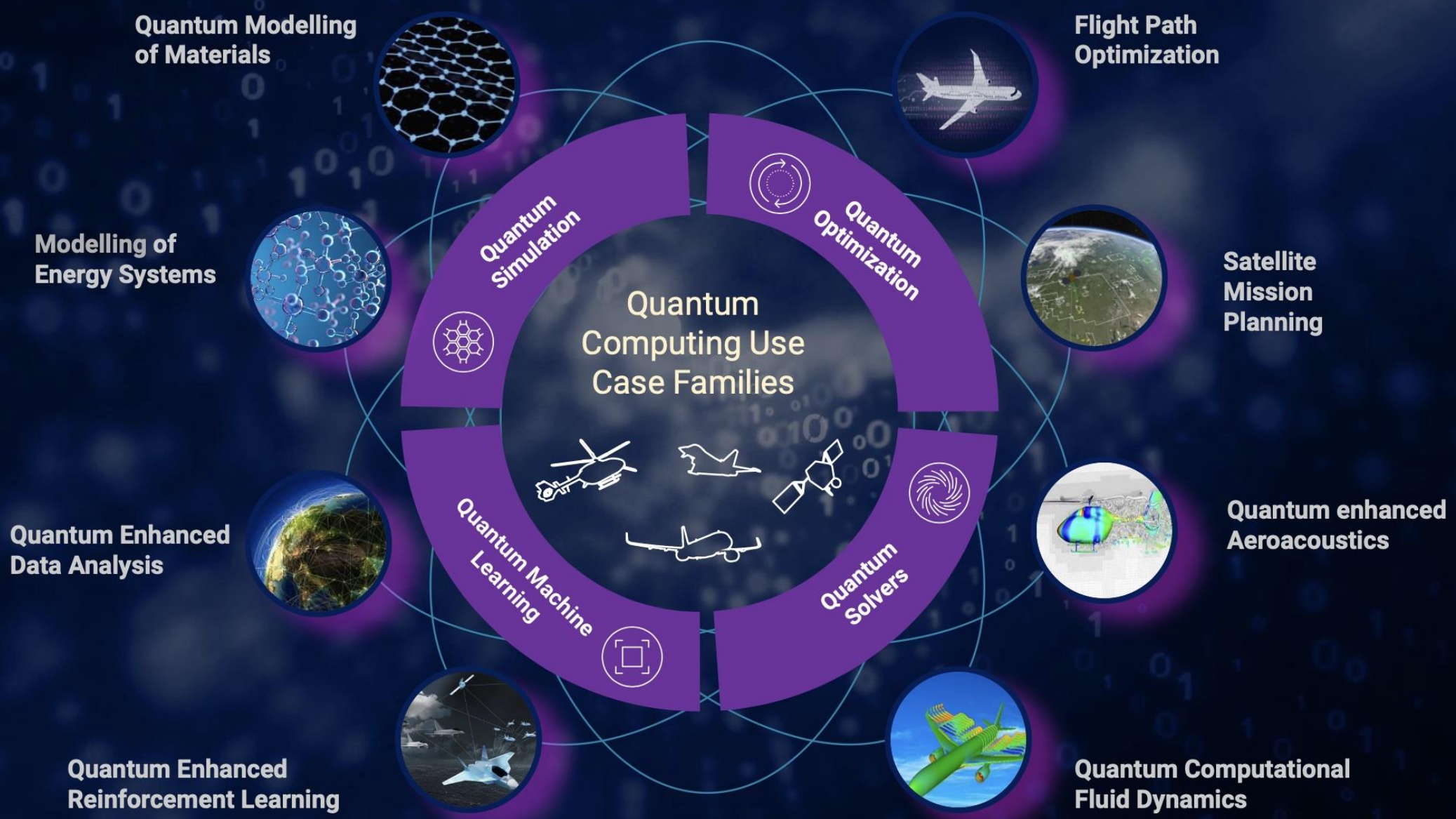
TechBridge encourages companies to take the lead in collaborating with partners - including research institutions - from innovative economies such as **Germany** and **France** to drive market-oriented technology development.

# A Trilateral Quantum Approach

## Trilateral Joint Statement on Cooperation in Quantum Technology

- Signed in November 2022
- This joint declaration on cooperation in the field of quantum technologies aims to increase synergy between the **Dutch, French, and German ecosystems** and achieve the critical mass needed to help develop European sovereignty.
- Focussing on:
  - **Funding research-industry collaboration,**
  - Building locations for R&D projects, training & events,
  - Pilot Lines: state-of the art facilities that stimulate cross-border collaborations.





# In development: call(s) for trilateral R&D collaboration with Germany and France

Building on the successful collaboration through multilateral programs like Eureka and Horizon Europe, the Dutch Ministry of Economic Affairs intends to make **€4,000,000** available to launch trilateral calls for R&D project proposals (TRL 4-7) with Germany and France.

Please note: Program is in exploratory phase. Discussing options with German and French partners.

The calls would be fully dedicated to supporting mutually beneficial bilateral/trilateral collaborations to start **Quantum use cases for the International Aerospace industry** in all three participating countries.

The Netherlands Enterprise Agency (RVO) will act as the executing agency responsible for developing and implementing the call in the Netherlands.



Department for International Trade



# TechBridge (in development)

## Thank you!

---