



ALLIED4FUTURE

LAUNCHING THE TECHNOLOGY COLLABORATION LABS!

DATE:
13 JUNE 2025

TIME:
10:00 -16:00

VENUE:
DELFT
UNIVERSITY OF
TECHNOLOGY

INAUGURAL MEETINGS:

- **AI IN HEALTHCARE LAB**
- **QUANTUM INTERNET POLICY LAB**



Allied4Future Conference in Partnership with TU Delft and the Knowledge4Innovation Forum

Launch of the A4F Technology Collaboration Labs

Inaugural Meetings

Quantum Internet Policy Lab

AI in Healthcare Lab

13 June 2025 | TU Delft | 10:00–16:00

Launch of the A4F Technology Collaboration Labs

On 13 June at TU Delft, Allied4Future will officially launch its **Technology Collaboration Labs (TCLs)**—a new strategic framework to accelerate and finance responsible deep tech innovation in Europe. First presented at the World Future Forum in Lisbon, this initiative received strong political backing, with President Ursula von der Leyen highlighting the TCLs and Sustainable Finance Goals (SFGs) as “instrumental for Europe’s leadership in strategic, transformative technologies.”

Focusing initially on **Artificial Intelligence and Quantum Technologies**, the TCLs are designed to harness their dual potential: as transformative technologies and as **accelerators of scientific discovery and deep tech breakthroughs**. While AI and Quantum evolve independently their synergies enable unprecedented advances across fields like healthcare, clean energy, biotechnology, and materials science—making AI and Quantum vital enablers for Europe’s strategic autonomy and technological sovereignty.

[Inaugural Lab Meetings](#)

At the occasion of the TCL launch, Allied4Future in partnership with TU Delft will hold the inaugural meetings of the **AI in Healthcare Lab** and the **Quantum Internet Policy Lab**.

AI in Healthcare Lab

The inaugural AI in Healthcare Lab explores how technological innovation can help address healthcare system challenges. It tackles why AI adoption lags—due to regulatory hurdles, trust issues, and stakeholder mismatches—and how we can bridge the gap between promise and practice.

Quantum Internet Policy Lab

The Quantum Internet Policy Lab supports Europe's leadership in secure quantum communication by bridging research, industry, and policy. It advises on frameworks to guide the technology's transition from R&D to deployment—ensuring openness, equity, and strategic autonomy.

Programme Overview, 13 June 2025

Time	Programme Item
10:00 – 10:30	Welcome Coffee and Registration
10:30 – 10:35	Opening and Welcome Address <i>Tim van der Hagen</i> , President/Rector Magnificus, TU Delft
10:35 – 10:45	Introduction Allied4Future Initiative <i>Roland Strauss</i> , Co-Founder A4F
10:45 – 11:50	Keynote video address <i>Henna Virkkunen</i> , Executive Vice-President for Tech Sovereignty, Security and Democracy of the European Commission
10:50 – 11:00	View from Directorate General Connect <i>Roberto Viola</i> , Director General, European Commission
11:00 – 11:15	Building a global Quantum Internet made in Europe <i>Stephanie Wehner</i> , QuTech
11:15 – 11:30	Accelerating the implementation of Responsible AI in Healthcare <i>Stefan Buijsman</i> , TU Delft
11:30 – 12:00	Focused panel discussion on financing Deep Tech: Unlocking Europe's Next Innovation Wave Moderation: <i>Ena Voûte</i> , TU Delft Panelists: <i>Constantijn van Oranje</i> , Techleap, <i>Shiva Dustdar</i> , EIB Institute, <i>Stéphane Ouaki</i> , EISMEA, <i>Roberto Viola</i> and <i>Tim van der Hagen</i>
12:00 – 13:00	High-level Lunch and pitches Quantum Governance and Values Lab, <i>Pieter Vermaas</i> , TU Delft WHO Collaborating Centre on AI for health governance and ethics <i>Jeroen van den Hoven</i> TU Delft
13:00 – 14:30	TU Delft Lab Tour
13:00 – 14:30	Launch of Technology Collaboration Labs , Introduction, <i>Roland Strauss</i> , Expert Opinion, <i>Manuel Heitor</i> AI in Healthcare Lab, <i>Jeroen van den Hoven</i> and <i>Stefan Buijsman</i> , TU Delft Quantum Internet Policy Lab, <i>Rebecca Mayrhofer</i> , QuTech
14:30 – 14:45	Networking Coffee
14:45 – 15:30	A quantum network ecosystem and open infrastructure <i>Bernd Jungbluth</i> , Fraunhofer, <i>Stephanie Wehner</i> , QuTech
15:30 – 16:00	Networking and Goodbye Drinks
16:00	End

About Allied4Future

Allied4Future was founded in response to a new epoch of technological acceleration where advances in AI Quantum and other deep tech are reshaping science society and industry in real time. While these advances offer extraordinary promise they also carry profound risks. A4F is committed to fostering the ethical, inclusive and responsible development of emerging technologies for the common good.

Through its TCLs the A4F Foundation mobilises cross-sector collaboration—connecting researchers entrepreneurs, policymakers, investors, and philanthropists to co-create solutions that are not only innovative but also regenerative and socially aligned.

We envision a Europe that leads the world in responsible deep tech innovation—where science policy and finance converge to advance knowledge, protect democratic values and strengthen Europe’s strategic resilience.

Allied4Future Strategic Framework

Technology Collaboration Labs

TCL Action Area	Focus
Lead	Advancing foundational technologies such as AI, Quantum, and other deep tech
Accelerate	Enabling deep tech breakthroughs and scientific discovery
Apply	Deploying solutions in strategic sectors (health, energy, resilience, etc.)
Scale	Achieving systemic impact through replication, integration, and uptake
Collaborate Globally	Driving international cooperation and science diplomacy

TCLs are mission-driven platforms advancing technology for societal, environmental, and strategic impact. Each TCL will host specific Labs focused on targeted themes (e.g., AI in Healthcare Lab, Quantum Internet Policy Lab). Labs can be initiated by the Foundation or proposed bottom-up by partners of the Allied4Future Foundation.

Enabling Labs: Policy & Finance

Enabling Function	Role
A4F Sustainable Finance Goals (SFGs)	Mobilizing mission-driven capital to fund responsible, scalable deep tech innovation
Strategic Governance & Policy Knowledge4Innovation Forum in the European Parliament	Shaping regulatory, ethical, and legal environments to ensure responsible deployment and prevent misuse
Cross-Lab Synergies	Supporting setup of new Labs, facilitating ecosystem-building, shared learning, access to knowledge and strategic coherence

The A4F Foundation acts as the coordinating and enabling backbone—providing the conditions, financial and governance support that TCLs need to thrive.

About Delft University of Technology

With nearly 27000 students, 3300 PhD candidates and 1350 full-time equivalent faculty members TU Delft — founded in 1842 — is the largest and oldest university of technology in the Netherlands.

TU Delft ranks 56th in the overall Times Higher Education (THE) World University Rankings 2025. In the global THE Engineering and Technology rankings, it is ranked 17th, and 40th in the 2025 THE World Reputation Rankings.

TU Delft has solid experience in EU funding programmes. In Horizon Europe TU Delft obtained 392 projects: €260 million, where: €100 million comes from Pillar 1 with ERC, Marie Skłodowska-Curie actions and Research Infrastructures and €119 million comes from pillar 2 with the Global Challenges and European Industrial Competitiveness and €26 million from the European Innovation Council and the remaining part will come from the Widening programme and the Joint Technology Initiatives.

Delft University of Technology has always been an entrepreneurial university. Over the last 180 years, many inventions and ground-breaking research found its way from the laboratory to society. Large companies originated from a student from Delft with a good idea. The Delft Enterprises holding has currently 57 spin-offs and startups in its portfolio <https://www.delftenterprises.nl/>

Together with the municipality, TU Delft runs a very successful high-tech business incubator, Yes!Delft, which has already resulted in the creation of numerous successful businesses that have developed into prospering SMEs. More than 20 of the companies which started their life there have celebrated their first decennium of activity and have even reached up to a few hundred employees. It currently hosts a community of 450+ tech startups <https://www.yesdelft.com/>