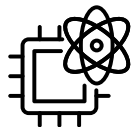


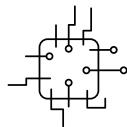
QUANTUM TECHNOLOGIES

At the forefront of Europe's quantum future



#1 in the EU

Latvia ranks first in the number of QuantERA project coordinators relative to GDP



~10%

of all global quantum algorithms are developed by Latvian researchers.



Quantum initiative

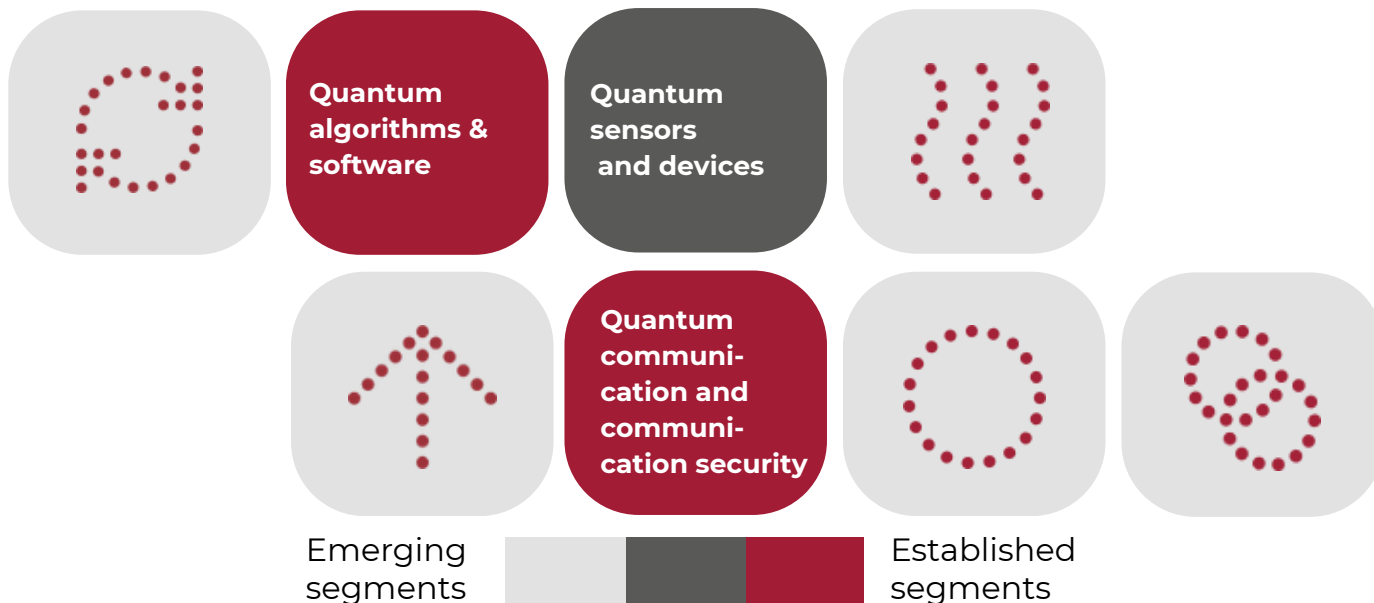
unites leading universities, research centres, and companies to coordinate national research efforts and build a quantum technology competence centre



Memorandum of Understanding

A unified national agreement aligns research, talent and infrastructure for quantum technology development in Latvia.

Quantum Technology fields in Latvia



Leading companies



Electronic
Communications
Office of Latvia



Industrial players actively commercialising quantum technologies for secure terrestrial and satellite communications



Eventech

Commercial-grade time-tagging technologies enabling optical quantum communications, including space applications.



MikroTik

First commercial SOHO router integrating quantum random number generation (QRNG).



Tet & LVRTC

National-scale quantum communication test network validating QKD deployment.



Integration into the **EuroQCI initiative**, positioning Latvia within Europe's secure quantum communications backbone.

Relevant Education Institutions



INSTITUTE OF SOLID STATE PHYSICS
UNIVERSITY OF LATVIA



INSTITUTE OF
ELECTRONICS AND
COMPUTER SCIENCE



RIGA
TECHNICAL
UNIVERSITY



Institute of Mathematics and Computer Science
University of Latvia



UNIVERSITY OF
LATVIA

Research excellence translating into real-world quantum applications

Institute of Solid State Physics, University of Latvia

Applied research in quantum materials, devices and photonics enabling next-generation technologies.

Institute of Mathematics and Computer Science

Quantum algorithms and secure communication technologies with real-world application potential.

Research results already used in international quantum applications, including collaborations with **France's National Centre for Scientific Research**.

Active leadership and participation in EU-level **QuantERA** projects across priority quantum domains.