

1965  
LOW TEMPERATURE LABORATORY



## Building on a strong research tradition from ultra-low temperature physics, to nano electronics and quantum technology

ACADEMY OF FINLAND CENTRES OF EXCELLENCE

1995–1999  
LOW TEMPERATURE LABORATORY



BUDGET IN 1999  
**1,9M€**

2000–2005  
LOW TEMPERATURE LABORATORY

1972 INSTRUMENTS FOR TECHNOLOGY OY AB  
1978 PICOWATT

Instruments for thermometry at ultralow temperatures

1989 MUSTEKALA KY\*

Functional neuroimaging

\*currently MEGIN Oy (part of Croton Healthcare Company)

2006–2011  
LOW TEMPERATURE QUANTUM PHENOMENA AND DEVICES



2005 NANOWAY CRYOELECTRONICS  
CBT thermometers

2006 AVON  
Cryogenic sensors, lab electronics

2008 BLUEFORS  
Cryogenic cooling systems

2012–2017  
LOW TEMPERATURE QUANTUM PHENOMENA AND DEVICES II

2013 ASQUELLA  
Passive sub-mm-wave technology for security applications

2015 (VITALSIGNUM OY) BEAT2PHONE  
Mobile health technology sensor applications

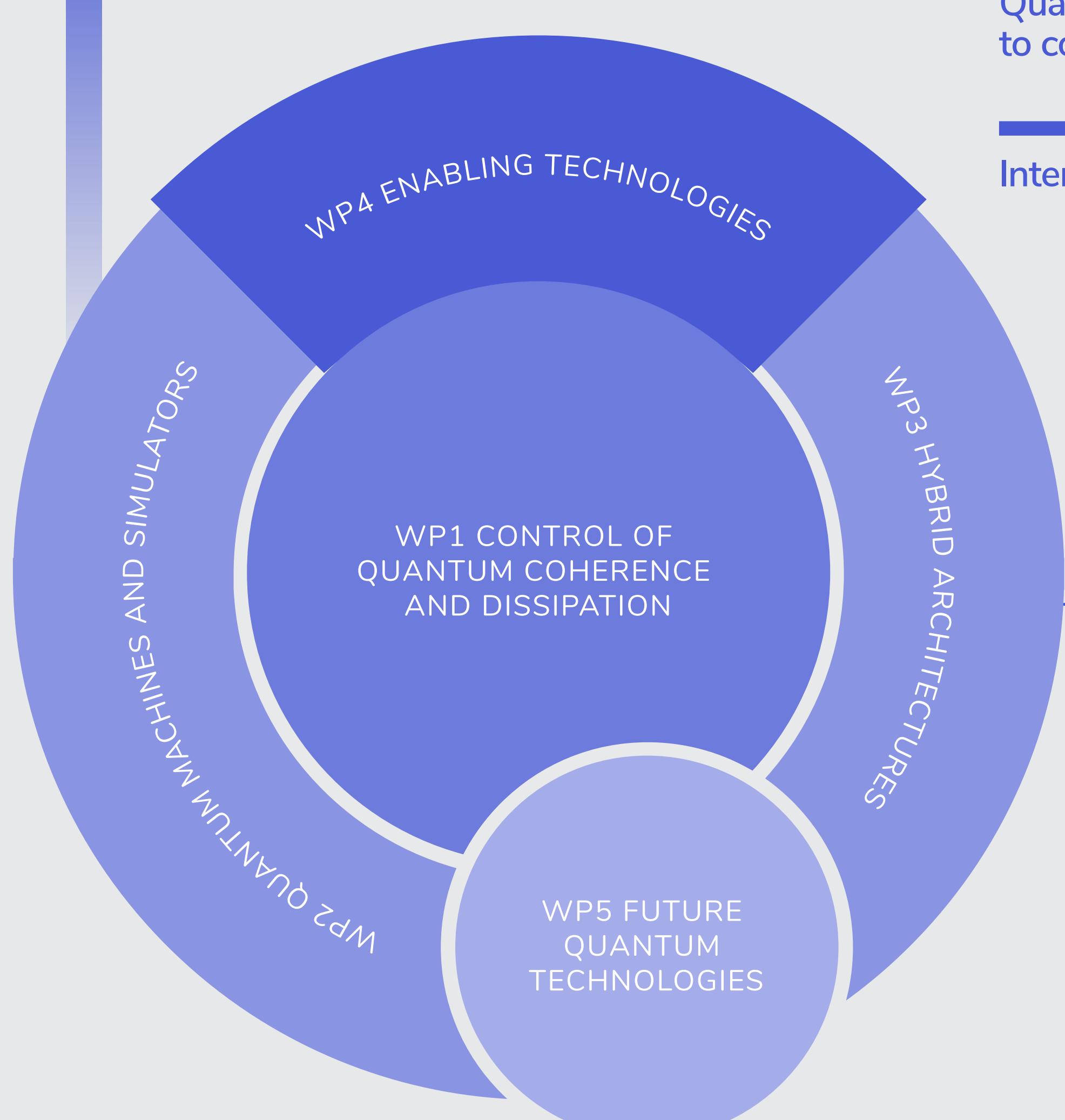
2016 EIGENCO OY  
Microwave measurement techniques

2018 IQM  
Superconducting quantum computing

2020 ALGORITHMIQ  
Quantum-enhanced solutions to complex problems

IBM, MICROSOFT, SAAB  
International collaboration

2018–2025  
QUANTUM TECHNOLOGY FINLAND



QUANTUM TECHNOLOGY FINLAND

National Centre of Excellence bringing the quantum revolution to Finland

BUDGET IN 2022  
**13,5M€**

LOW TEMPERATURE PHYSICS

LOW TEMPERATURE PHYSICS AND NEUROSCIENCE

NANO ELECTRONICS

QUANTUM DEVICES

QUANTUM TECHNOLOGIES

