

Quantum Impact - the UK Funding Landscape



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Breaking Up the Landscape – Phase 1



~£400M

Wave 2 Pioneer - £20M funding



Pioneer funding for Quantum

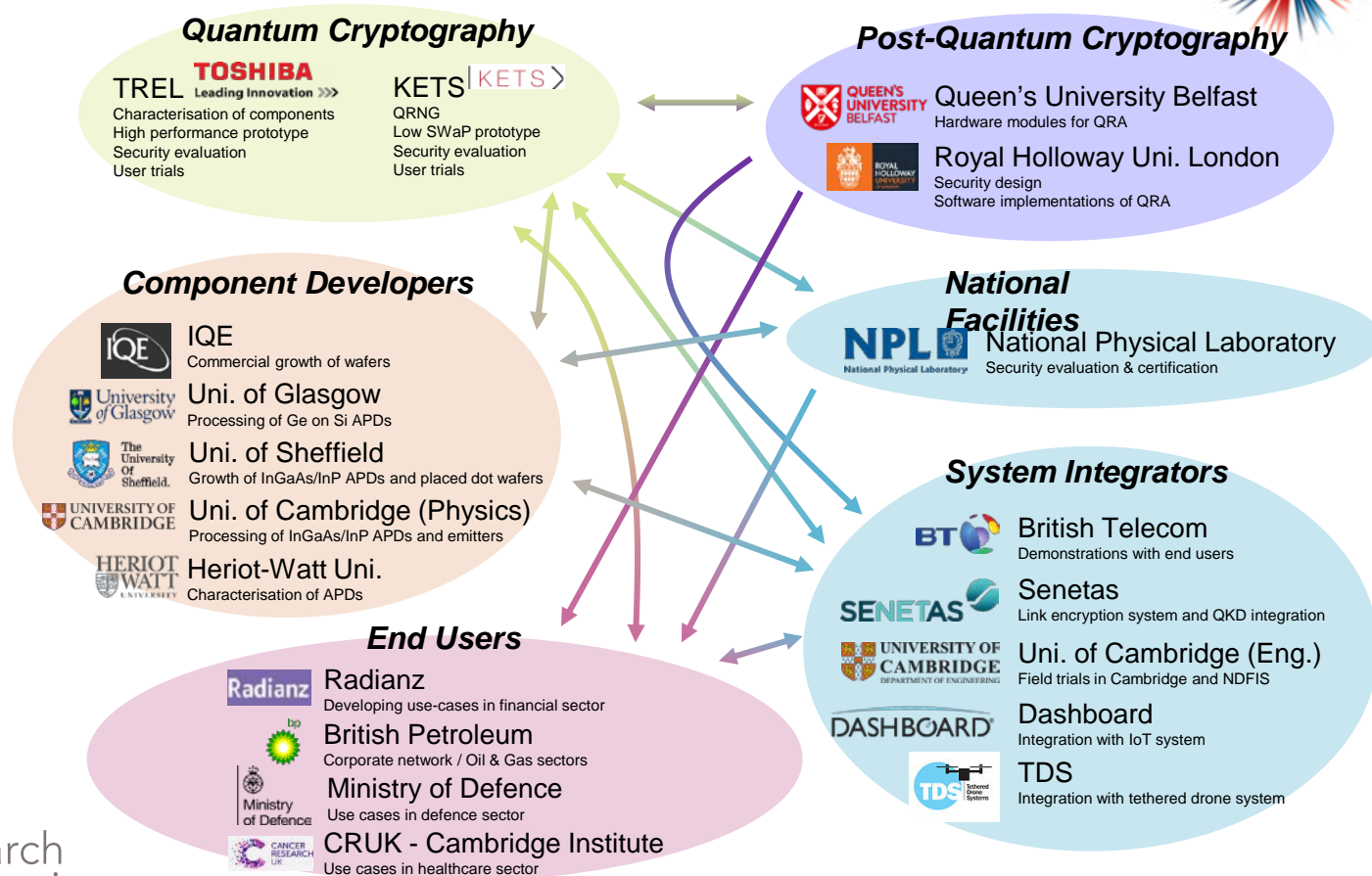
A new set of products from medical devices to sensors and safer communication systems may be possible using the emerging physical science known as quantum technology. The potential is huge but still largely in the lab environment. Pioneer funding will bring new disruptive companies together with existing businesses to understand how this emerging technology can be turned into products that will underpin industry in the future.

Progress to date - Projects

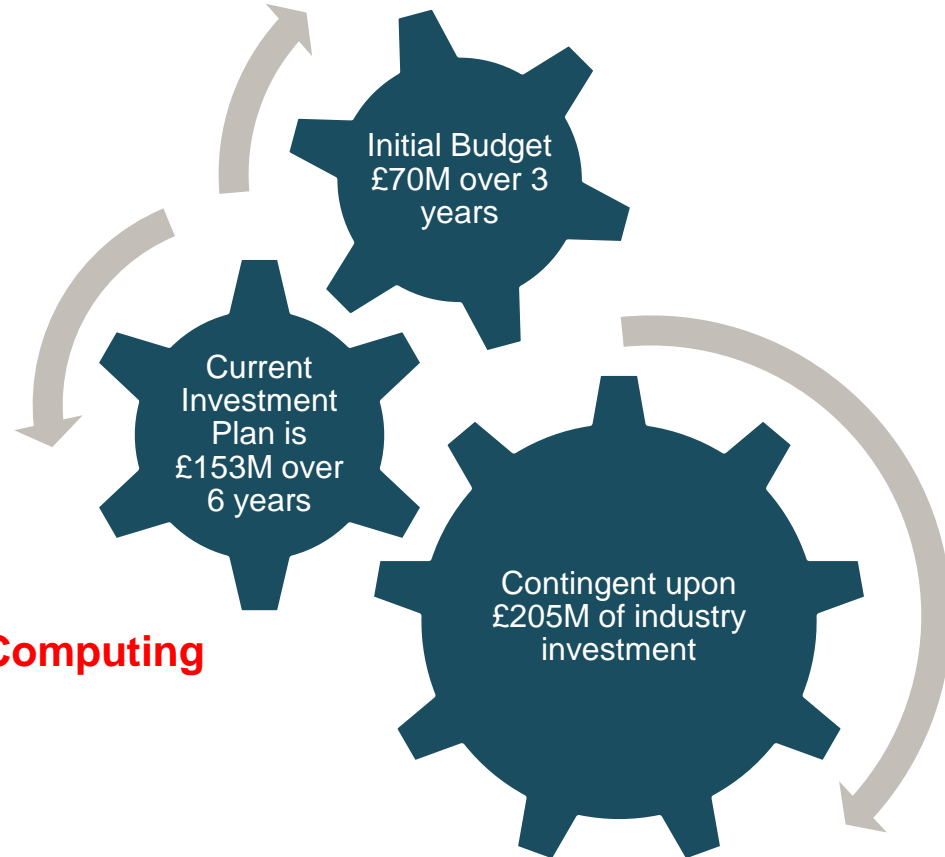
There are 4 ISCF Quantum projects which all kicked off in November 2018.

KAIROS	Miniature atomic clock	Led by Teledyne e2v (UK) Limited
Pioneer Gravity	Gravity detection for survey	Led by RSK Environment Limited
3QN	Quantum Key Distribution by Satellite	Led by ArQit Limited
AquaSec	Agile Quantum safe Communications. Quantum Key Distribution over Fibre	Led by Toshiba Research Europe Limited

AQuaSeC Project Partners and Roles



ISCF Wave 3 - Commercialising Quantum Products and Services: How Much?



Comms - Sensing - Imaging - Computing

Wave 3 Delivery Strands



TECH
PROGS

Feasibility
STUDIES

R+D

ACCELERATOR

Next 5 Years?



Questions

