

The Quantum Sensing Project

Part of the Future Sensing and Situational Awareness Programme

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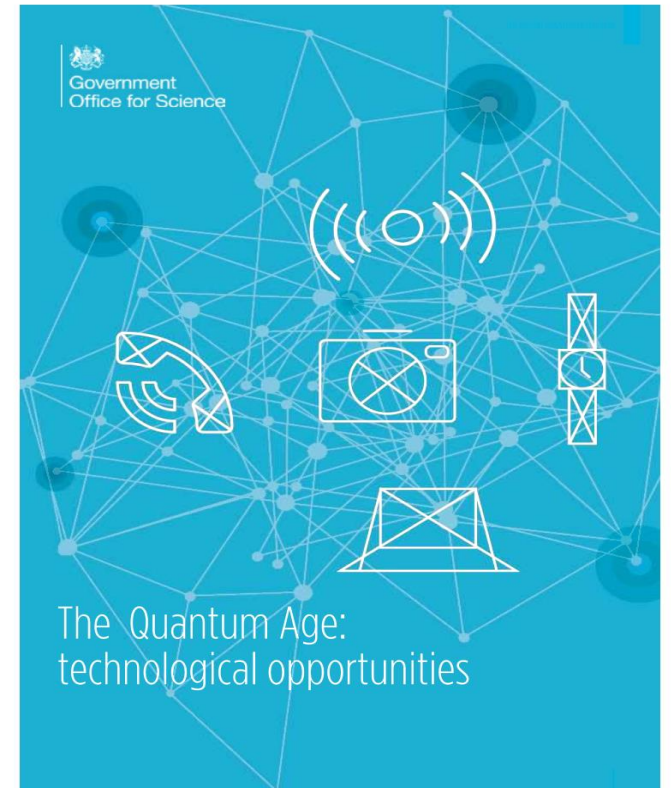
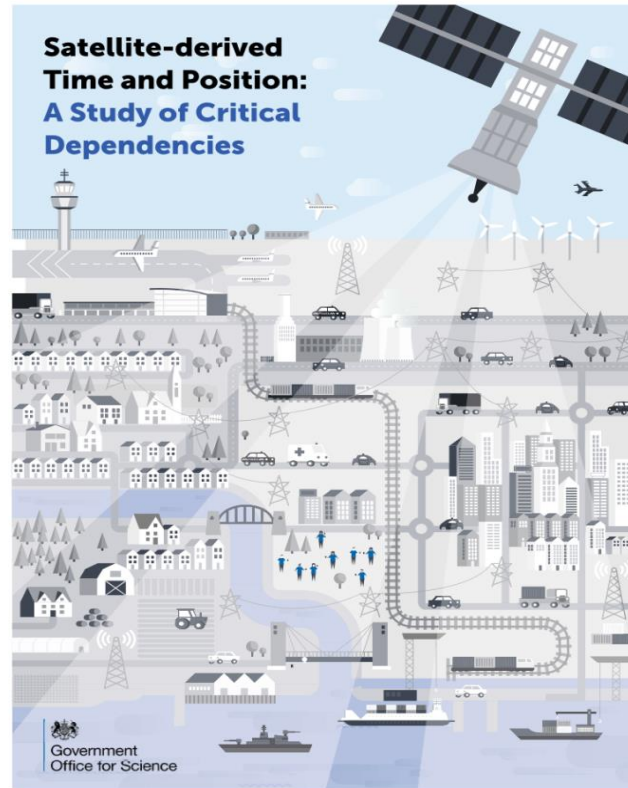
Project Manager

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Drivers for Quantum Sensing



Project vision

“To be world leading in the engineering of Quantum Sensing Systems; understand the impact for Defence and Security, and pull through technologies from the National Quantum Technology programme.”

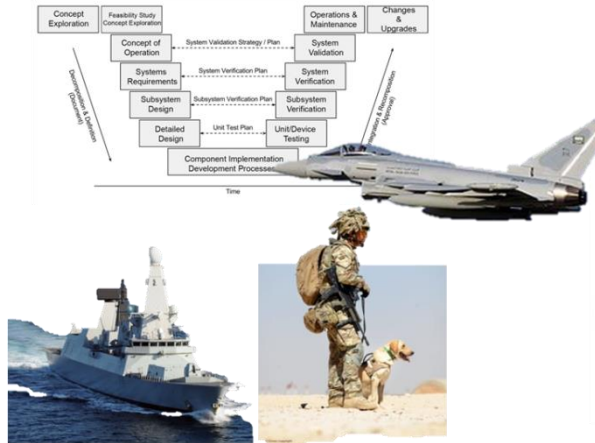


Project Structure

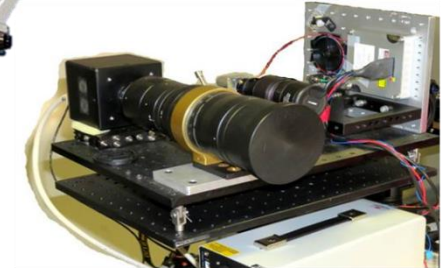
Time & frequency



Systems engineering



Sensor concept development



PhD



Quantum Lab



Project Management



What does success look like?

- Dstl has a resilient intelligent customer capability, and is recognised for its Quantum Sensing for Defence & Security community of practice
- Dstl provisions for suitably qualified and experienced personnel (SQEP) to meet military need
- Credible options for “quantum enabled” resilient Position, Navigation and Timing have been endorsed and taken-up by the user
- Quantum Sensing benefits are understood and technology barriers have been quantitatively assessed
 - options have been demonstrated to and endorsed by the user