

SUMMARY NOTE of the UK National Quantum Technologies Programme Strategic Advisory Board Meeting

9 July 2018, Room G15 – CS5 ,National Physical Laboratory, Teddington.

Strategic Advisory Board (SAB) Attendees

John Bagshaw	Independent
David Delpy (Chair)	Independent
Trevor Cross	Teledyne e2v
Myungshik Kim	Imperial College London (CDTs/Training and Skills Hubs representative)
Peter Dobson	University of Warwick
Pete Thompson	NPL
Sir Peter Knight	Independent
Derwen Hinds	NCSC
Roger McKinlay	Independent
Baroness Pauline Neville-Jones	EPSRC Council
Bryn Hughes	Dstl (joined by telecom for the morning session)

Ex officio Attendees

Wendy Carr	UKRI EPSRC
Liam Blackwell	UKRI EPSRC
Chris Jones	UKRI Innovate UK
Simon Plant	UKRI Innovate UK

Other Attendees

Cheryl Wise	NCSC/GCHQ
Dan Grundy	NCSC/GCHQ
Bob Cockshott	KTN
Rhys Lewis	NPL
Stephen Till	Dstl
Jonathan Pritchard	Dstl
Tim Spiller	QT Communications Hub Director
Miles Padgett	Imaging and Sensing Hub Principal Investigator
Dominic O'Brien	NQIT Hub Co-Director (attended on behalf of Ian Walmsley for the morning part of meeting)
Kai Bongs	Sensing and Metrology Hub Director

Apologies

Adam Baker	BEIS
Gerard Milburn	University of Queensland
Morag Watson	BP
Neil Viner	UKRI EPSRC
Helen Hunt	UKRI EPSRC

NOTE: The Strategic Advisory Board agreed that further details of discussions under items (3-9) are to be used for the purpose of policy and strategy development and should therefore be exempt from public scrutiny, in accordance with section 36 (conduct of public affairs) of the Freedom of Information Act 2000.

1. Welcome from NPL

- 1.1 The Chair invited PeteThompson to open the meeting with a welcome to NPL.

2. Introductions and welcome to the SAB meeting

- 2.1 The Chair welcomed representatives of the SAB, POG members and Hub directors and representatives who were asked to join the meeting on this occasion.

3. NPL update from Pete Thompson

- 3.1 The Chair invited Pete Thompson to update the SAB on NPL's major industry engagement in quantum technology and invited the SAB to comment on it.

4. ISCF programme update

- 4.1 The Chair invited the Chris Jones to give an update on the ISCF programme and invited SAB to comment.

5. Quantum Technologies UK Landscape

- 5.1 The Chair invited Chris Jones and Simon Plant to give SAB an overview of the Quantum Technology UK Landscape and invited meeting attendees to comment.

6. Strategic Partner Update and Risk Register

- 6.1 The Research Hub director did not join the meeting from this point onwards (apart from Ian Walmsley, who is also a SAB member). The POG members were present.
- 6.2 The Chair invited updates from the National Programme partners. Myungshik Kim updated the SAB on Skills and Training within the programme. Pete Thompson and Rhys Lewis updated the SAB on NPL related activities. Ian Walmsley updated the SAB on matters associated with the Research Hubs. Chris Jones updated the SAB on UKRI Innovate UK activities. Liam Blackwell updated the SAB on UKRI EPSRC activities. Stephen Till and Jonathan Pritchard updated the SAB on Dstl activities. NCSC updated SAB on their activities.
- 6.3 The Chair invited the SAB to review and comment on the risk register. The proposed changes were agreed.

7. Quantum Technologies UK Landscape continued

- 7.1 The Chair invited Chris Jones and Simon Plant to present on the quantum technologies UK landscape in more detail. They introduced current thinking and outstanding questions on the individual investment streams proposed in the existing strategic case for a second phase of the National Programme. The chair invited SAB members to comment on the information presented and provide their views on the rationales, features, and priorities relevant to each of the elements in the bid for a second phase.

8. SAB Membership

- 8.1 The Chair led a discussion about SAB membership.

9. Any other business

- 9.1 The chair invited SAB members and other meeting attendees to discuss any other business.
- 9.2 The next SAB meeting will be held on 10 October 2018.

Wendy Carr
20 July 2018