

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

16 March 2017, Prince Philip House, London.

Strategic Advisory Board (SAB) Attendees

John Bagshaw	Independent
Simon Bennett	Innovate UK
Trevor Cross	e2v
David Delpy (Chair)	Independent
Peter Dobson	University of Warwick
Derwen Hinds	NCSC
Bryn Hughes	Dstl
Myungshik Kim	Imperial College London (CDTs/Training and Skills Hubs representative)
Sir Peter Knight	NPL
Roger McKinlay	Independent
Baroness Pauline Neville-Jones	EPSRC Council
Morag Watson	BP
Ian Walmsley	University of Oxford (QT Hubs representative)

Ex officio Attendees

Natalia Davie	BEIS
Richard Gunn	EPSRC
Amanda Howes	EPSRC
Robert Hunter	BEIS
Richard Murray	Innovate UK
Neil Viner	EPSRC

Apologies

Adam Baker	BEIS
Gerard Milburn	University of Queensland
Morag Watson	BP

NOTE: The Strategic Advisory Board agreed that further details of discussions under items (4-5) 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 and review of previous actions

- 1.1 The Chair invited the SAB to review the note of actions raised during the previous meeting on 9 January 2016. The SAB noted the progress made in addressing the outstanding action points from the previous meetings.

2. National Programme update

- 2.1 The Chair invited representatives of the Programme's agencies to update SAB members on recent activities. Representatives of Innovate UK and EPSRC updated SAB members on the development of the Industrial Strategy Challenge Fund. Sir Peter Knight updated the SAB on a recent meeting of the International Engagement sub-group.
- 2.2 The SAB noted comments from the Programme Operations Group (POG) following its review of the Programme risk register on 24 February 2017. The POG proposed a number of changes to the scoring of mitigated and unmitigated risks, relating to increasing technological maturity, changes in government policy, and increasing levels of investment worldwide.
- 2.3 The SAB noted the POG's comments and endorsed the proposed changes to the scoring. The SAB suggested that the QT Special Interest Group (QT SIG) and SAB International Engagement sub-group be tasked with further analysis of the UK's industrial capability and areas of competitive advantage to inform collaborative activities.

3. Mid-term review of the National Programme

- 3.1 The Chair summarised progress towards the SAB's midterm review of the Programme and invited SAB members that had already reviewed information provided by the partner agencies to share their experiences.
- 3.2 Agency representatives agreed to ensure that all of the information that had been requested by the SAB would be made available within one week of the meeting. SAB members agreed to complete their individual reviews of the information by 24 March 2017, so that this could be synthesised by a subset of SAB members (subsequently extended to 17 April 2017).

4. National Programme Capability Map

- 4.1 The Chair invited John Bagshaw and Roger McKinlay to present the findings of the Capability Mapping working group, following engagement with UK academia and industry to produce a 'heat map' of national capability.
- 4.2 The Capability Mapping working group recommended the formation of an industrial working group to explore the issues raised by the initial engagement activity in further depth. SAB members agreed that this approach appeared to have merit, but that further consideration of the group's objectives and membership was required in order for it to play an effective role in facilitating connections between industry and academia and stimulate new activity.

5. Developing the Strategic Case

- 5.1 The Chair invited Richard Gunn (EPSRC), on behalf of the POG, to update SAB members on progress in developing a strategic case for further investment in the research, innovation and skills aspects of the Programme from the 2019/20 financial year onwards. This included discussion of how SAB feedback had been incorporated into the draft case.
- 5.3 SAB members provided further input on the objectives and scientific case for investment.
- 5.2 The SAB endorsed the continued development of the strategic case by the POG.

6. Any other business

- 6.1 The next SAB meeting will be held on 18 July 2017.

Richard Gunn
6 April 2017