



Board of Funders

Brussels, 27th October 2016

Quantum Technologies Flagship

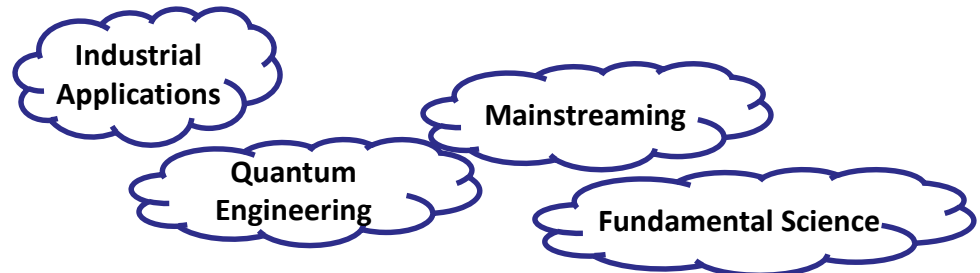
Gustav Kalbe

Head of Unit, DG Connect

European Commission

Flagship initiative on Quantum Technologies

16 April 2016
COM(2016) 178
on European Cloud Initiative



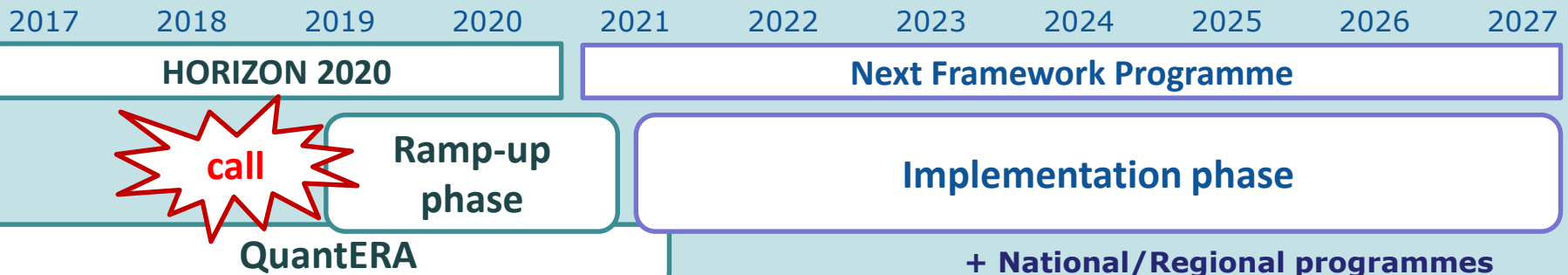
Preparatory work

Expert Group on Quantum Technologies –
High Level Steering Committee
Chair: Prof. J. Mlynek, Humboldt U. (DE)

Main challenges

- Provide EU added value where needed
- Focus as not everything can be funded!
- Member States: ensuring industrial involvement and managing expectations

Timeline





Commission Expert Group

- Represent Academia & Industry Stakeholders
- Coordinate stakeholder input
- Output = SRA, Governance, Implementation
Recommendations to EC
- Deadline= spring 2017
- WPs, Interinstitutional => no mandate



BoF

- BoF: No participation in HLSG
- Interaction once HLSG delivers first input: format?
- Formal discussion of the QT WP as part of the FT PC
- MS to organize themselves to discuss their contribution to the Flagship / coordination of national initiatives (other than QUANTERA)

Timing

Expert Group activities

Next HLSG meeting: 10 November 2016

Follow-up meeting mid-January-2017?

Maltese Presidency event 16/17 February 2017

Work Program

Expert Group SRA: February 2017

First WP draft Q1 2017

WP adoption/publication July 2017?

Expert Group: composition



Chair

Prof. Dr. Jürgen Mlynek Humboldt University

Observer

(link with FET Flagship interim evaluation panel)

Prof. Maria Chiara Carrozza Sant'Anna School of Advanced Studies

Prof. Dr. Rainer Blatt	University of Innsbruck
Prof. Dr. Vladimir Bužek	Slovak Academy of Sciences
Prof. Dr. Tommaso Calarco	University of Ulm
Prof. Per Delsing	Chalmers University of Technology
Prof. Elisabeth Giacobino	CNRS, Laboratoire Kastler-Brossel
Prof. Dr hab. Marek Kuś	Polish Academy of Sciences - Center for Theoretical Physics
Prof. Eugene Simon Polzik	Niels Bohr Institute
Dr. Maria Luisa Rastello	National Institute of Metrological Research (INRIM)
Prof. Dr. ir. Wim Van Saarloos	The Netherlands Organisation for Scientific Research NWO - Foundation for Fundamental Research on Matter
Prof. Dr. Lluís Torner	ICFO - The Institute of Photonic Sciences
Prof. Ian Walmsley	University of Oxford - Department of Physics

Airbus Defense & Space	Mr. Paolo Bianco
ASML	Dr. Markus Matthes
Atos SE	Dr. Cyril Allouche
Ericsson	Dr. Fabio Cavaliere
ID Quantique	Dr. Grégoire Ribordy
KPN	Ms. Jaya Baloo
M2 Lasers	Dr Graeme Malcolm
Robert Bosch GmbH	Dr. Michael Bolle
Siemens AG	Dr. Norbert Lütke-Entrup
ST Microelectronics	Dr. Guido Chiaretti
Thales	Mr. Daniel Dolfi
VLC Photonics	Dr. Iñigo Artundo Martinez

Academic members

Industrial members