



# QUANTERA

ERA-NET Cofund in Quantum Technologies

## Results of the QuantERA Call 2017

Sylwia Kostka, QuantERA Coordinator

Board of Funders, 1.12.2017



This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 731473.



NATIONAL SCIENCE CENTRE  
POLAND



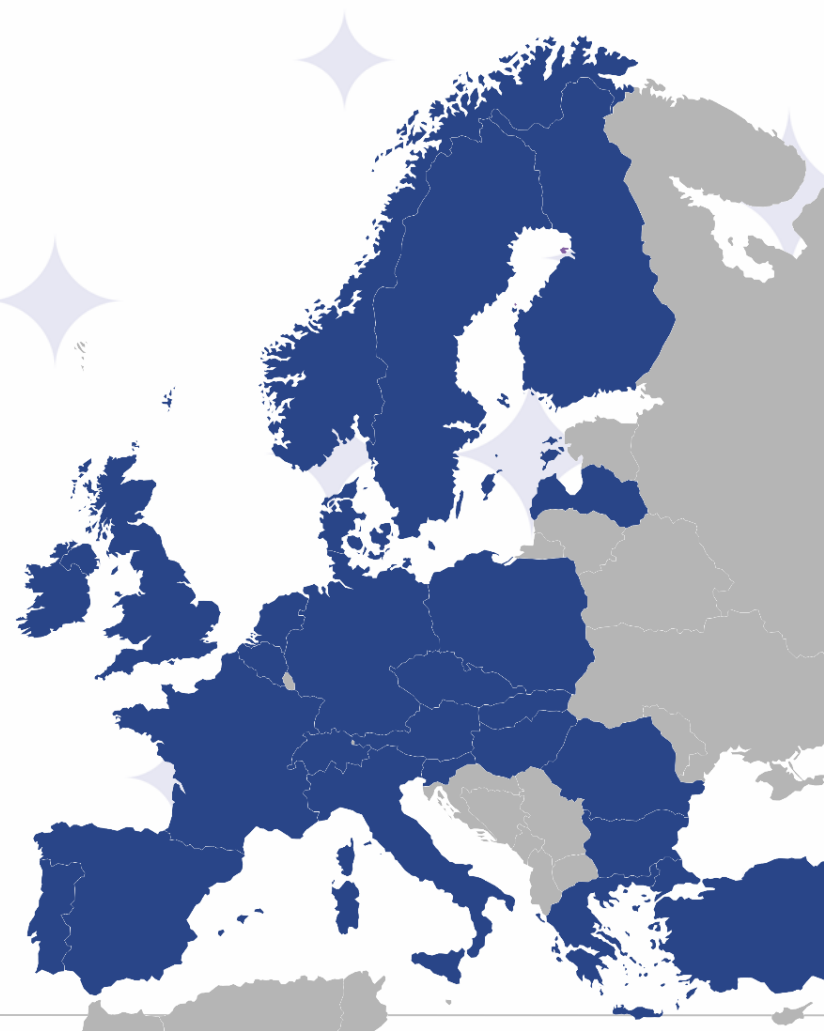
# ERA-NET Cofund in Quantum Technologies

- QuantERA is a network of **32 organisations from 26 countries**, coordinated by the National Science Centre, Poland.
- The main goal of QuantERA is to **fund excellent international research projects** in the field of quantum technologies through **joint calls for proposals**.
- The budget of the QuantERA Call 2017 is ca. **€34M**, combining national budgets with co-funding from the EC. This mechanism is called **ERA-NET Cofund**.



# QuantERA Consortium

- Austria – FWF, FFG
- Belgium – FNRS, FWO
- Bulgaria – NBSF
- Czech Republic – MEYS
- Denmark – IFD
- Finland – AKA
- France – ANR
- Germany – BMBF, VDI-TZ
- Greece – GSRT
- Hungary – NKFIH
- Ireland – SFI
- Israel – MATIMOP
- Italy – MIUR, CNR
- Latvia – VIAA
- Netherlands – NWO
- Norway – RCN
- Poland – NCN, NCBR
- Portugal – FCT
- Romania – UEFISCDI
- Slovakia – SAS
- Slovenia – MIZS
- Spain – MINECO-AEI
- Sweden – VR
- Switzerland – SNSF
- Turkey – TUBITAK
- United Kingdom – EPSRC, InnovateUK





# QuantERA Coordinator

NCN is a government agency, supervised by the Ministry of Science and Higher Education, set up in 2011 to support basic research in Poland.

## Our goals:

- Financing the best projects in all areas of basic research
- Supporting researchers at all stages of their career
- Inspiring international cooperation
- Budget: €330 M in 2018



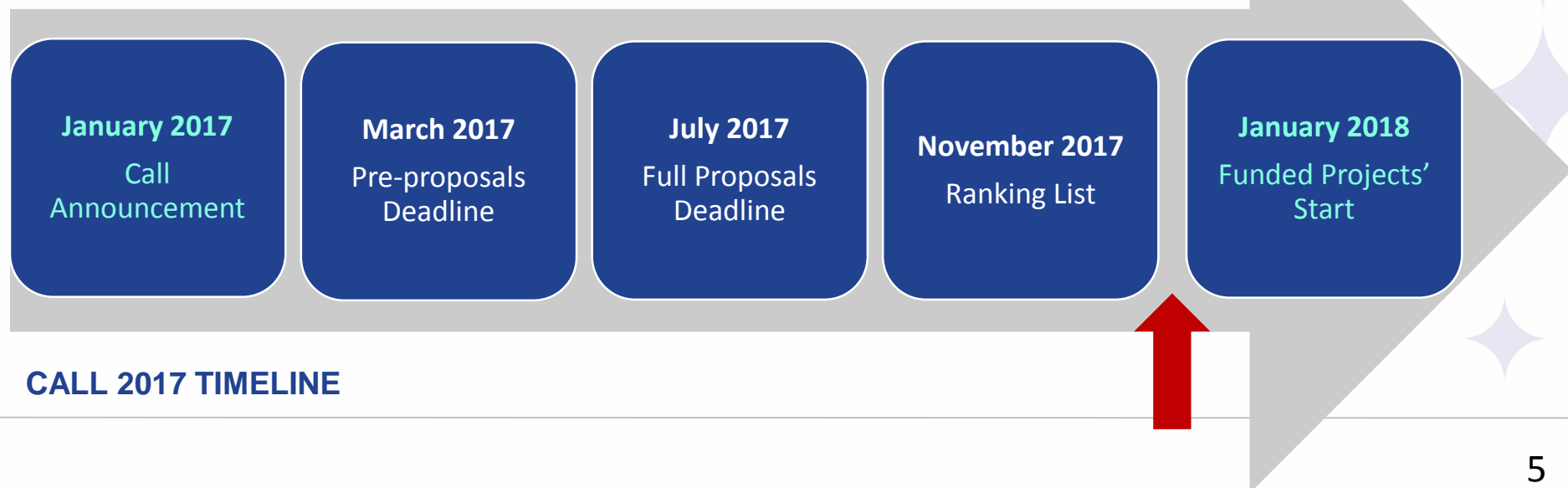
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# QuantERA Call 2017

## Topics targeted in the Call 2017:

- Quantum communication
- Quantum simulation
- Quantum computation
- Quantum information sciences
- Quantum metrology sensing and imaging
- Novel ideas and applications in quantum science and technology

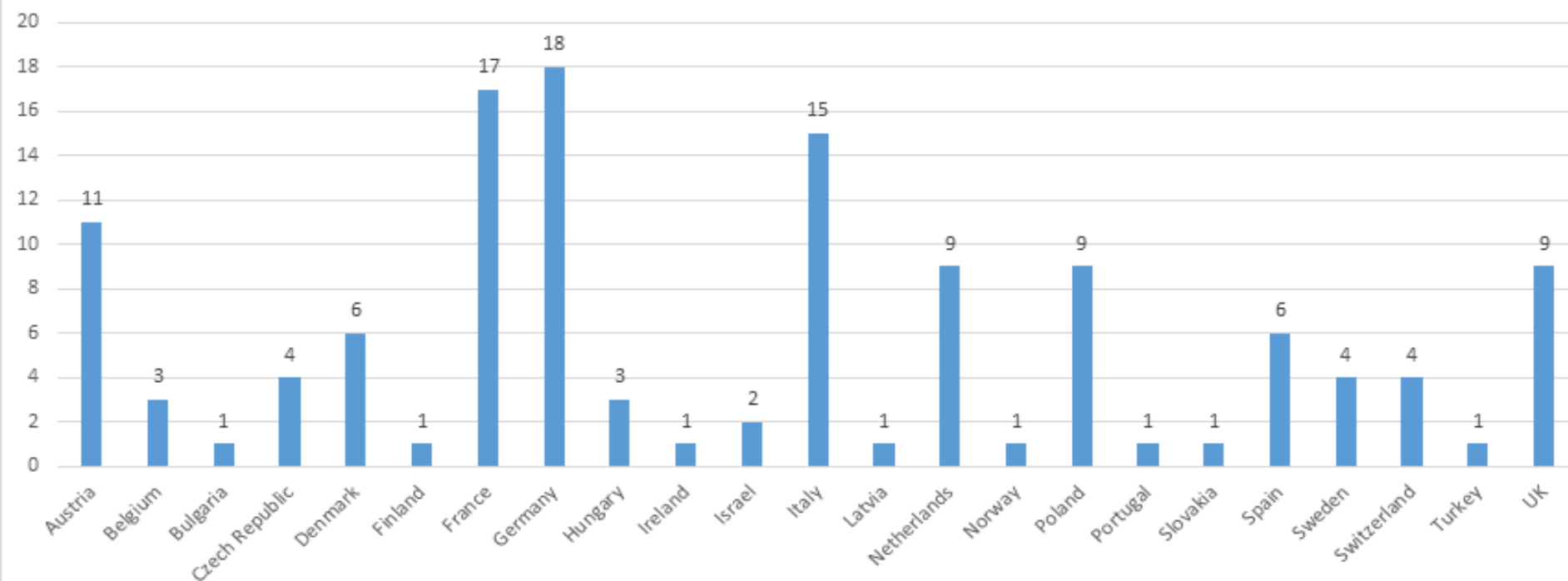


# Results of the QuantERA Call 2017

[https://public.tableau.com/profile/marlena5814#!/vizhome/Book5\\_1548/Dashboard1](https://public.tableau.com/profile/marlena5814#!/vizhome/Book5_1548/Dashboard1)

- **Submitted: 221 Proposals, 236 M EUR in total**
- **Funded: 26 Excellent Projects! 32 M EUR in total**

Number of Research Teams per Country



# Results of the QuantERA Call 2017

## Pre Proposals submission

221 submitted pre-proposals

1087 applicants

Total requested funding:

> EUR 235 M

## Full Proposals submission

91 submitted full proposals

490 applicants

Total requested funding:

ca. EUR 107 M

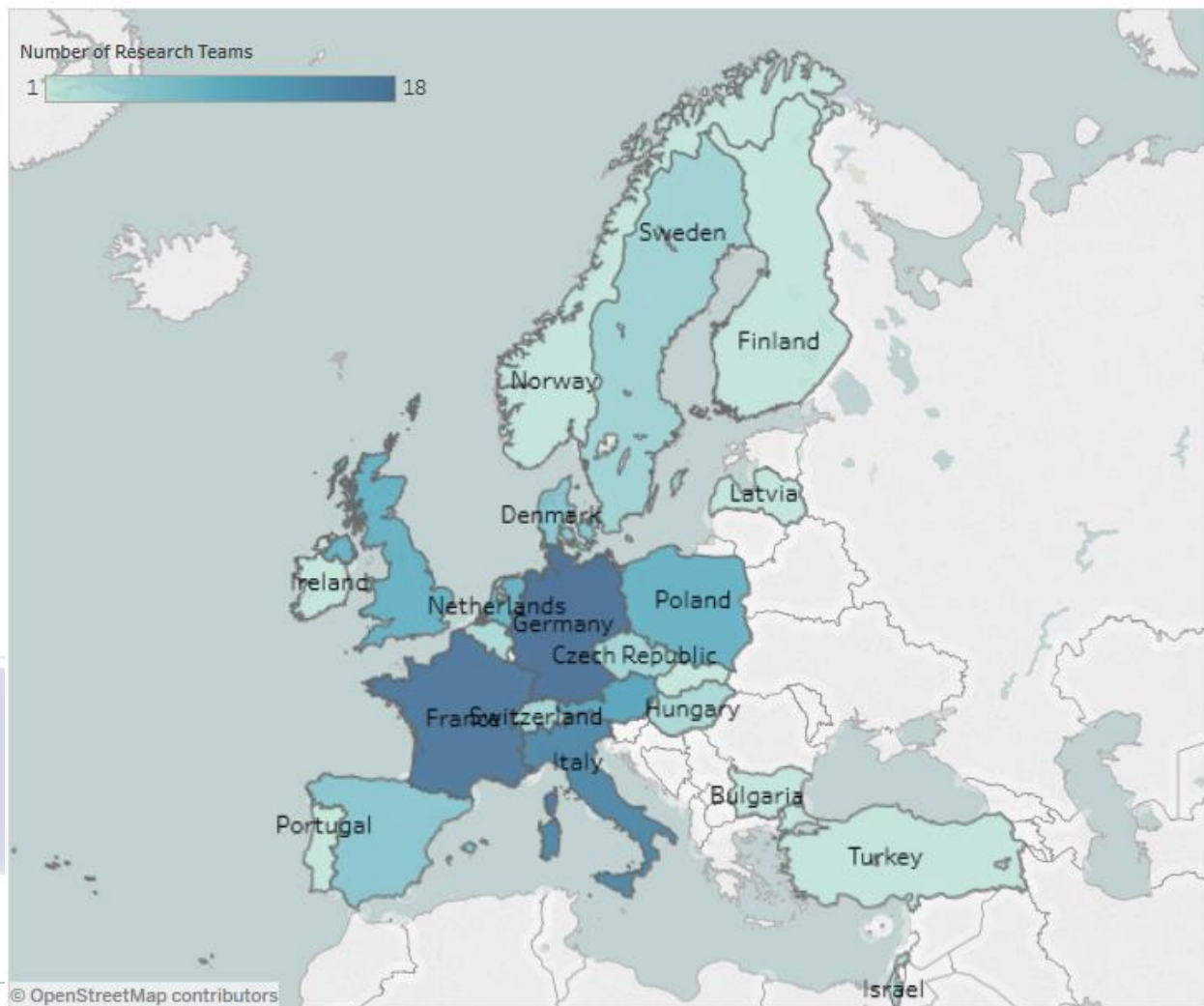
## Recommended Projects

26 projects

128 applicants

Total requested funding:

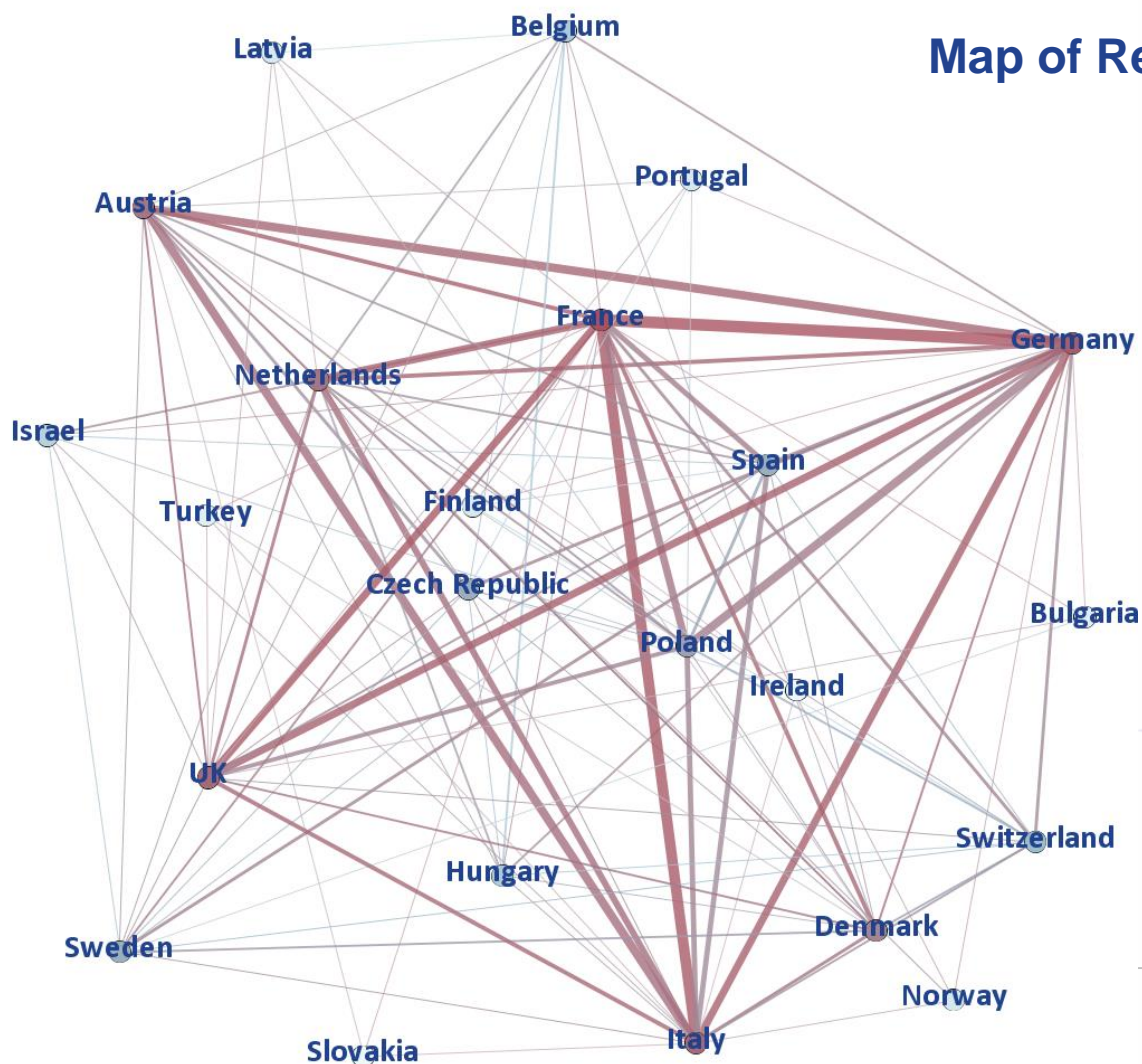
> EUR 32 M





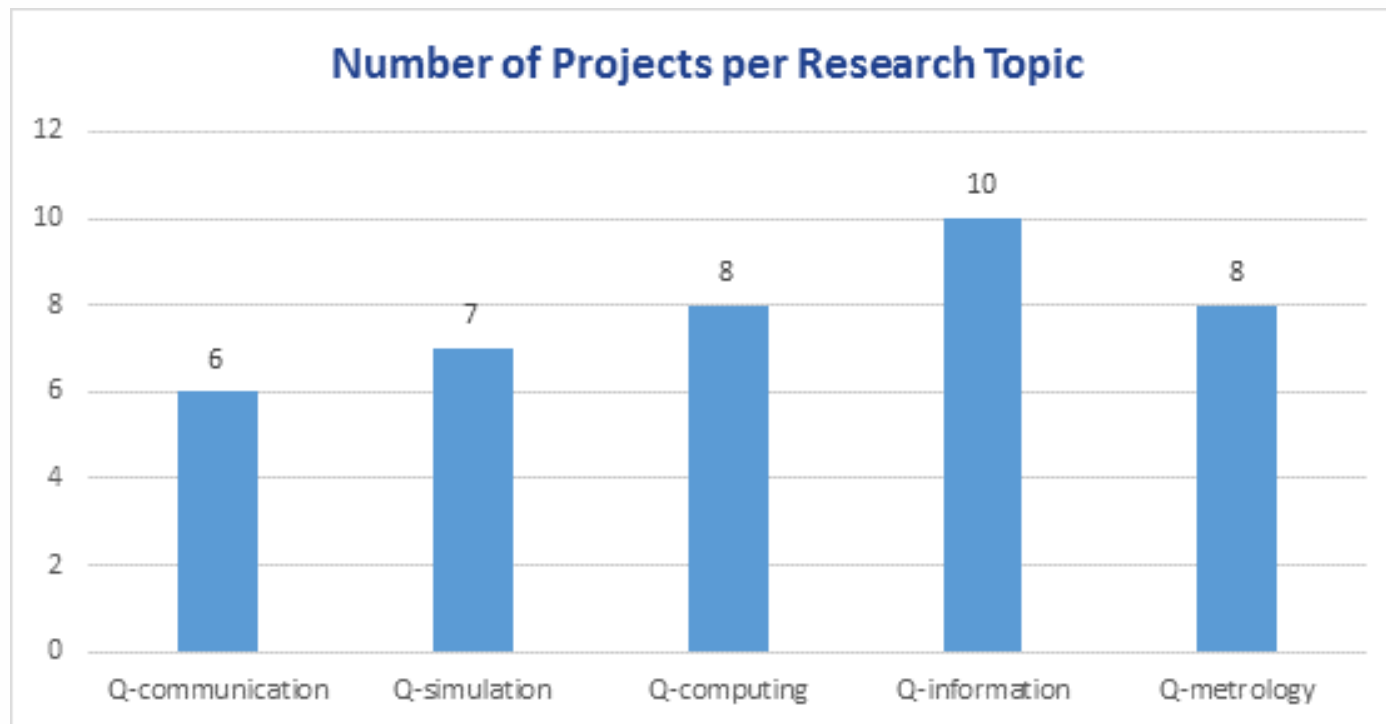
# Results of the QuantERA Call 2017

Map of Research Collaborations





# Results of the QuantERA Call 2017







# Spreading Excellence

QuantERA aims at spreading **research excellence** across **European Research Area** by encouraging consortia to include partners from **the widening countries** participating in the network:

- Bulgaria
- Czech Republic
- Hungary
- Latvia
- Poland
- Portugal
- Romania
- Slovakia
- Slovenia
- Turkey

✓ **QuantERA is the only ERA-NET Cofund in H2020 coordinated by an EU13 country!**

✓ **Widening Countries participate in 70% of QuantERA Funded Projects!**

# QuantERA Additional Activities

Collaboration  
between the  
Academia &  
Industry

Exploring future  
funding opportunities  
**QuantERA Call 2019**  
(tbc)

Cooperation  
with countries  
beyond  
Europe

Raising awareness  
on **Responsible  
Research &  
Innovation**



Communication  
with **industrial  
stakeholders**

Mapping of development of  
the **public policies** in QT field



Join us!

[www.quantera.eu](http://www.quantera.eu)





# QUANTERA

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