
Fraunhofer-Gesellschaft – Experiences and cooperation in H2020

POMORSKIE PARTNERS' FORUM OF HORIZON 2020 PROGRAMME AND FUTURE HORIZON EUROPE

Verena Fennemann | 13.11.2019 | Gdańsk Science and Technology Park



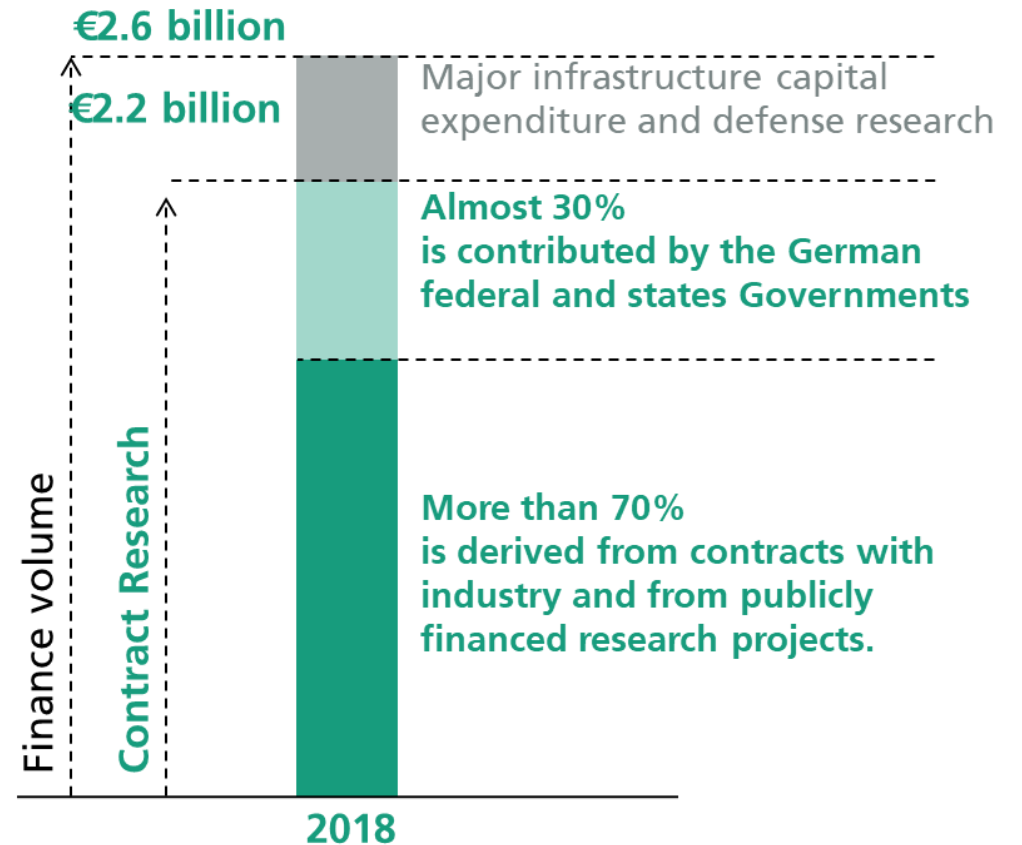
Source: pixabay.com

Fraunhofer-Gesellschaft – Europe's largest organization for applied research

The Fraunhofer-Gesellschaft undertakes applied research of direct utility to private and public enterprise and of wide benefit to society.


26,600 staff


72 institutes and research units

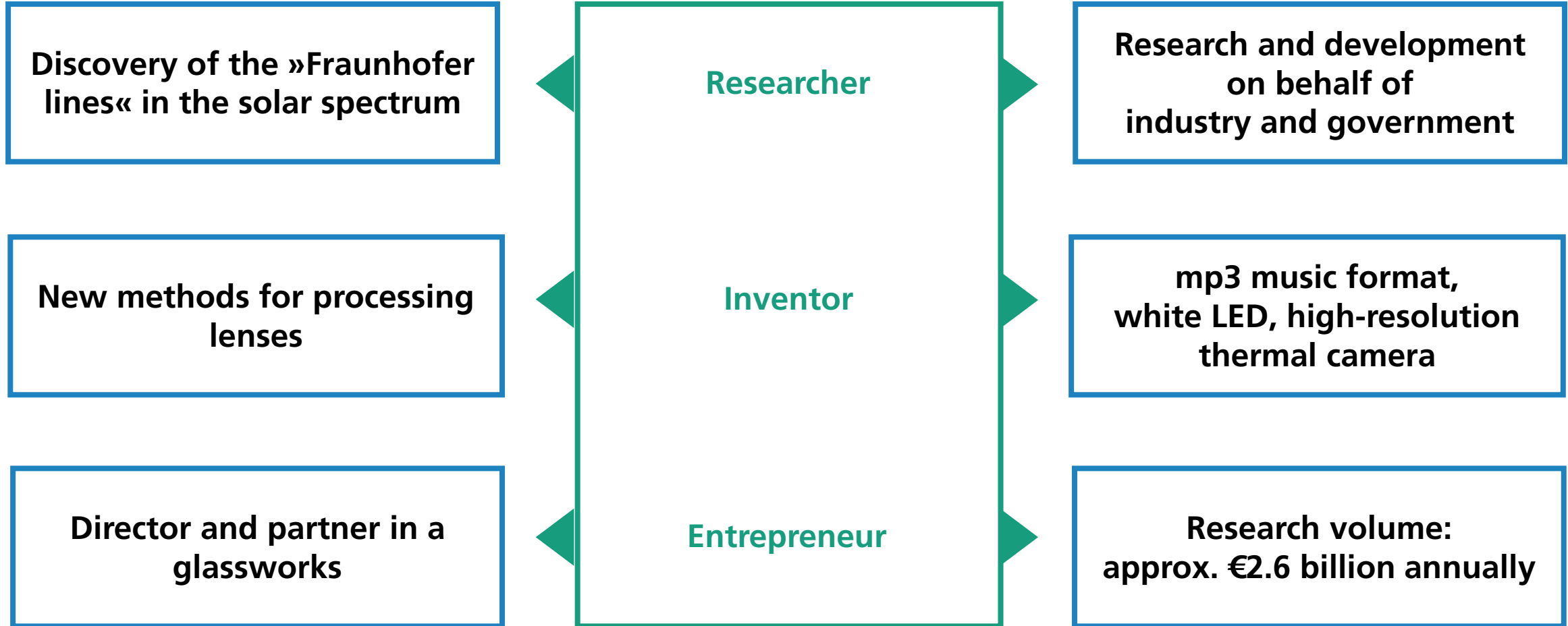




Joseph von Fraunhofer



The Fraunhofer-Gesellschaft



PARTICIPATION OF FRAUNHOFER IN H2020

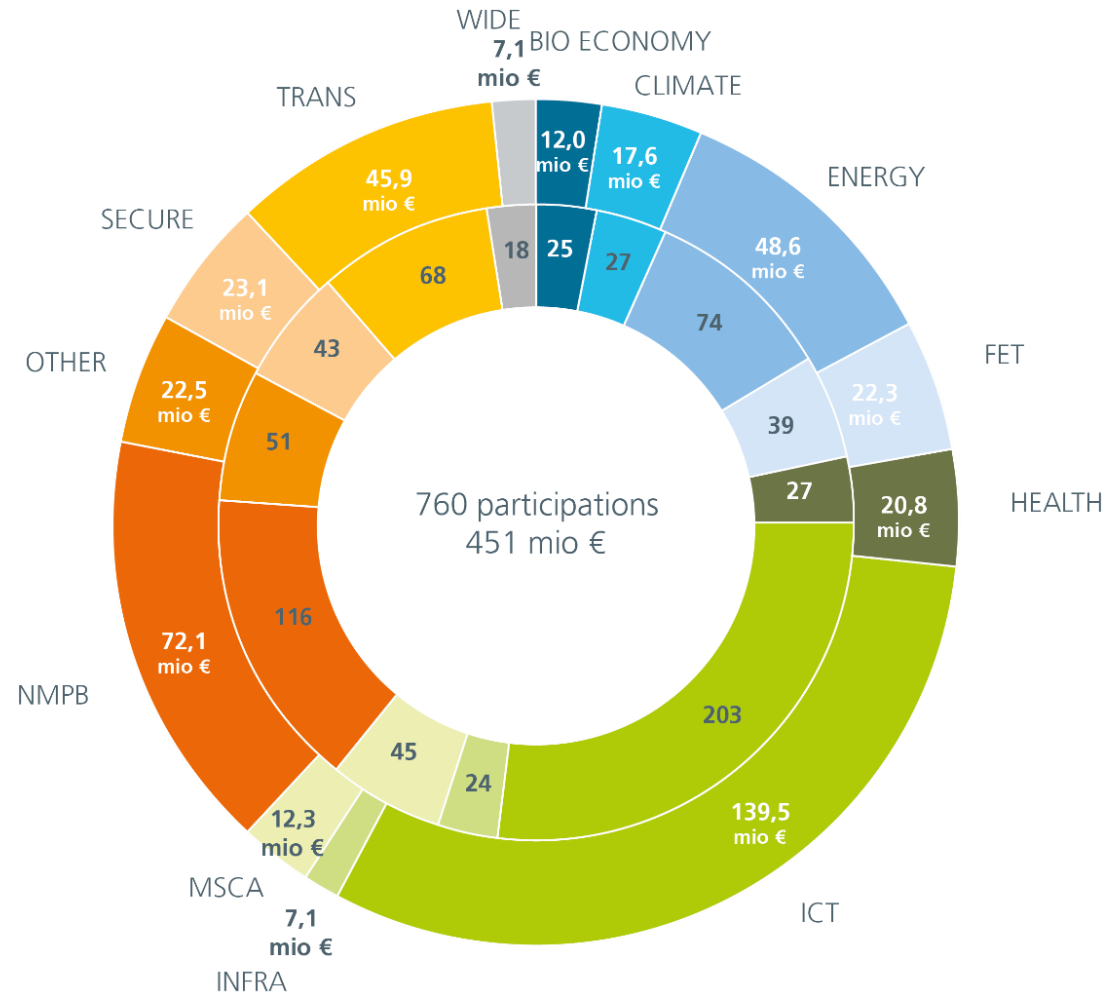
TOP15 Participants in Horizon 2020

Name / Country		Agreed Funding (mio €)	Total Participations	Individual Projects	Coordinations (*)
1	CNRS FR	789	1036	658	35
2	HELMHOLTZ-GEMEINSCHAFT (without DLR) DE	497	813	277	62
3	FRAUNHOFER-GESELLSCHAFT DE	451	760	48	103
4	CEA FR	421	502	82	80
5	UNIVERSITY OF OXFORD GB	375	515	351	11
6	MAX-PLANCK-GESELLSCHAFT DE	356	457	328	12
7	UNIVERSITY OF CAMBRIDGE GB	336	520	397	8
8	UNIVERSITY COLLEGE LONDON GB	304	483	286	25
9	TECHNISCHE HOCHSCHULE ZÜRICH CH	252	358	192	8
10	KOBENHAVNS UNIVERSITET DK	234	469	354	4
11	CSIC ES	229	509	264	31
12	KATHOLIEKE UNIVERSITEIT LEUVEN BE	227	409	210	24
13	IMPERIAL COLLEGE LONDON GB	224	369	209	15
14	ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE CH	218	316	182	12
15	TECHNISCHE UNIVERSITEIT DELFT NL	207	330	146	24

Contractually assured funding as well as signed agreements in Horizon 2020 since the start of the program (2014)

* „Coordinations“ does not take into account measures for funding individual beneficiaries (e.g. European Research Council and Marie Skłodowska-Curie - Actions)

Participations of Fraunhofer ordered by topic

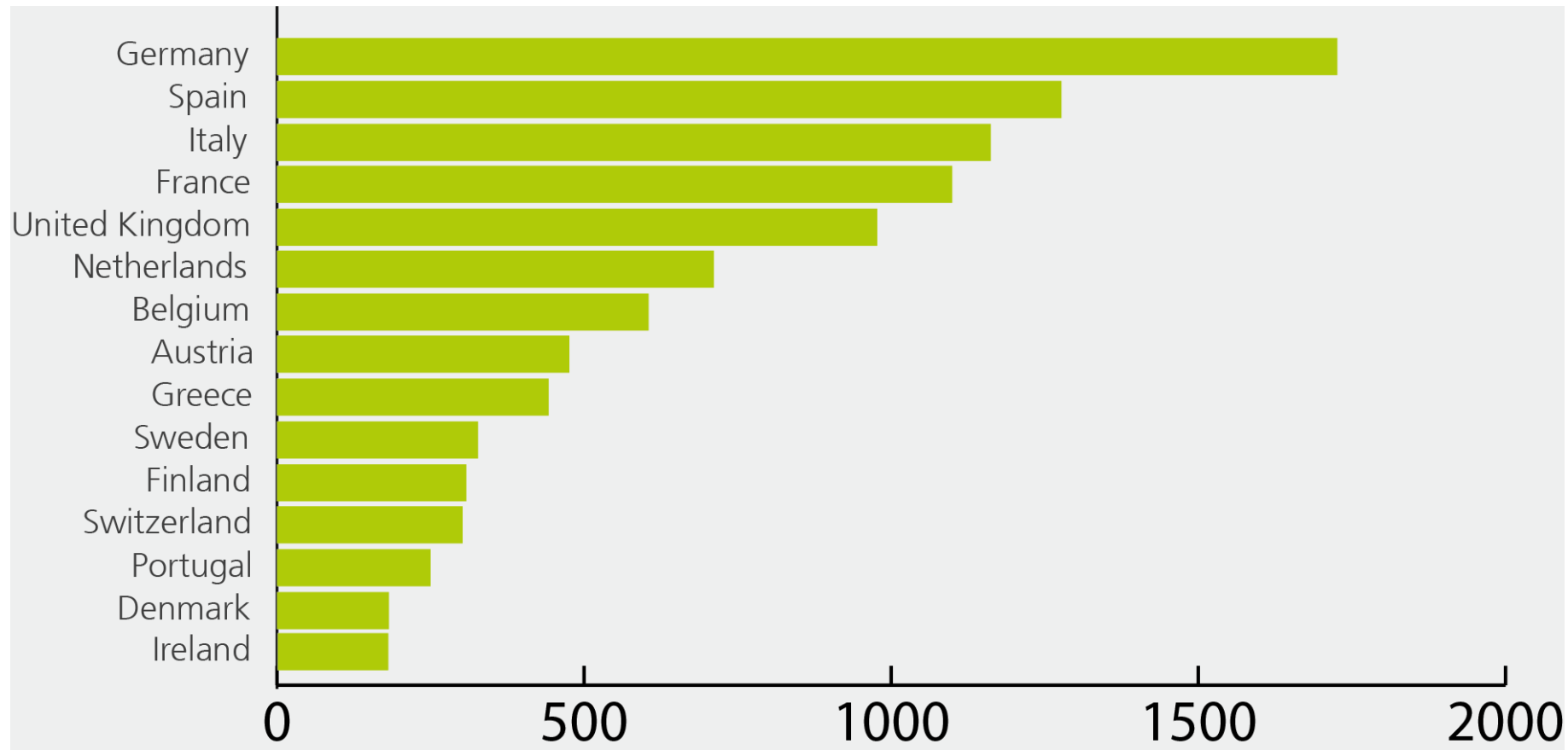


BIO ECONOMY	Bio-based economy
CLIMATE	Climate action, Environment, Resource Efficiency and Raw Materials
ENERGY	Secure, clean and efficient energy
FET	Future and Emerging Technologies
HEALTH	Health, demographic change and wellbeing
ICT	Information and Communication Technologies
INFRA	Research Infrastructures
MSCA	Marie Skłodowska-Curie - Actions
NMPB	Nanotechnologies, Advanced Materials, Biotechnology, and Advanced Manufacturing and Processing
OTHER	European Research Council ERC; Access to risk finance; Innovation in SME; Reflective societies - cultural heritage and European identity; Science with and for society; space
SECURE	Secure societies - Protecting freedom and security of Europe and its citizens
TRANS	Smart, Green And Integrated Transport
WIDE	Spreading excellence and widening participation

Inner circle: Number of agreements; Outer Circle: Agreed funding of the EU

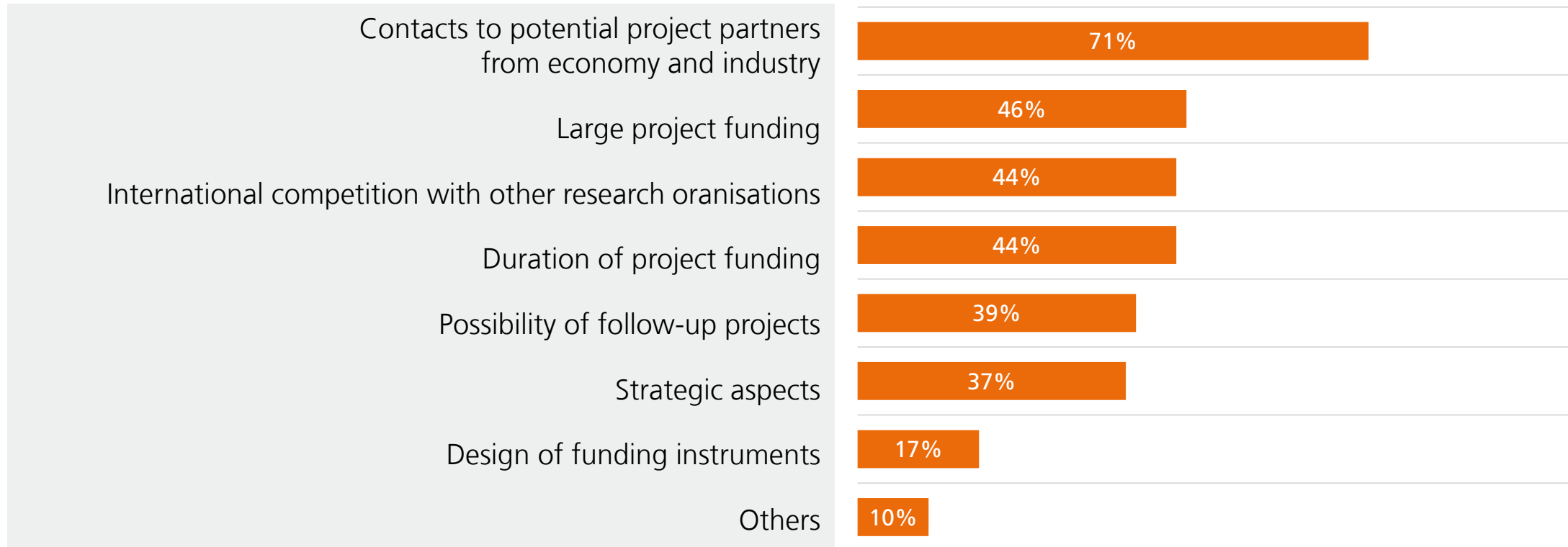
Additional topics were combined under the topic OTHER such as SPACE with 13 participations and 5.6 Mio € agreed funding

Cooperations with partners from different countries



- Cooperations with partners from 69 different countries
- Strong cooperation with partners from Western Europe
- Most partners are from Germany
- Strongest collaboration with a country outside EU: Switzerland

Motivation to engage in H2020 projects

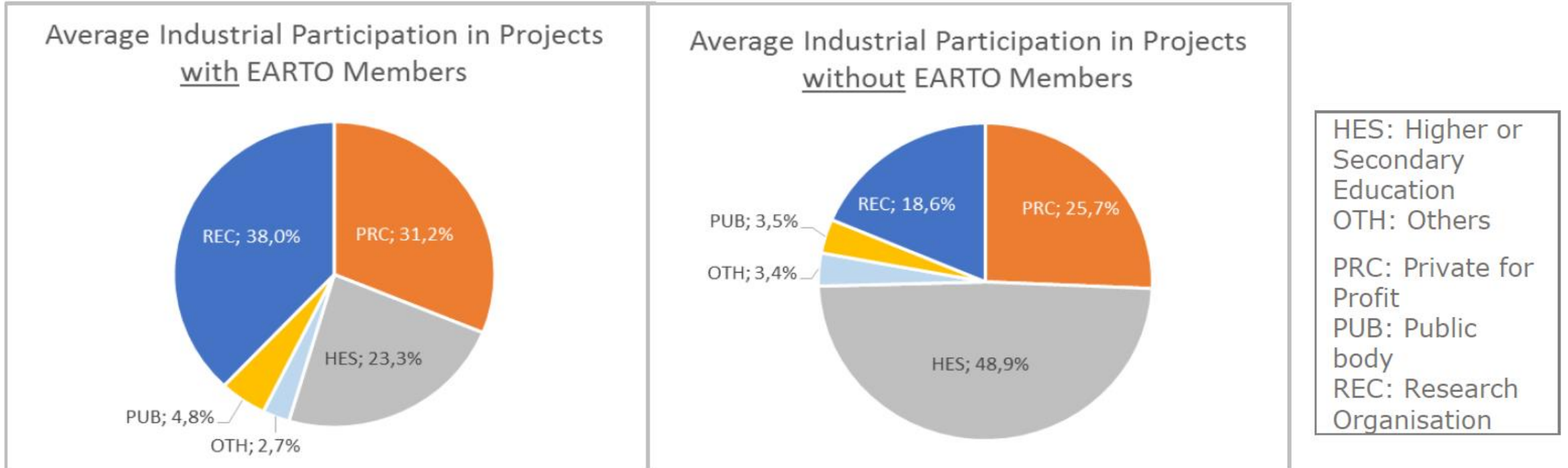


Strategic Aspects



EU-projects leading to successful collaboration

Example: Industrial participation and RTO cooperation

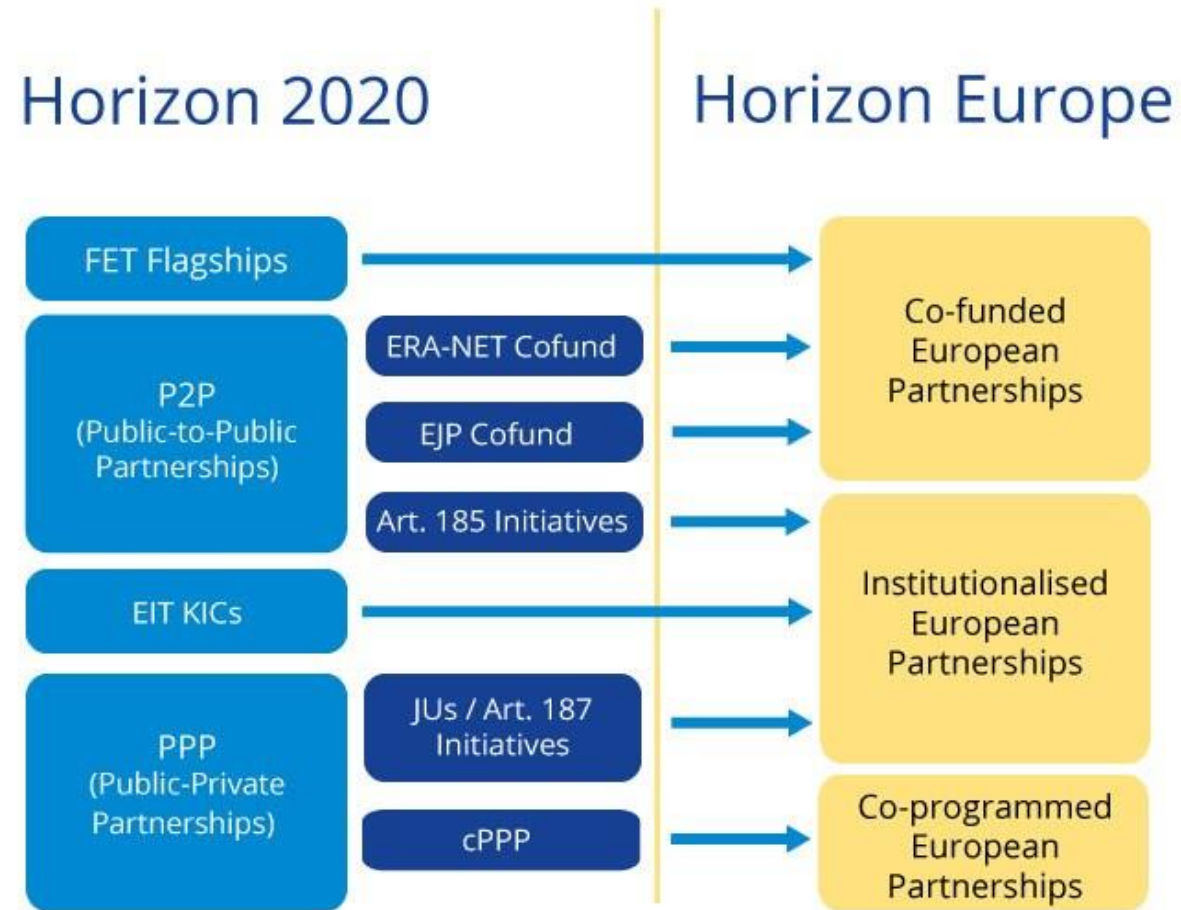


Successful collaboration leading to EU-projects

Example: European Partnerships



Partnerships are more important than ever



<https://www.era-learn.eu/partnerships-in-a-nutshell/r-i-partnerships/transition-to-horizon-europe>

Thank you for your attention!

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