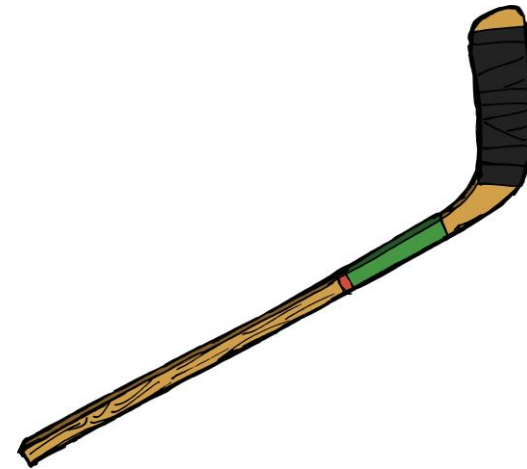


RESEARCH AND INNOVATION IN DENMARK

KOREA DENMARK RESEARCH COLLABORATIONS



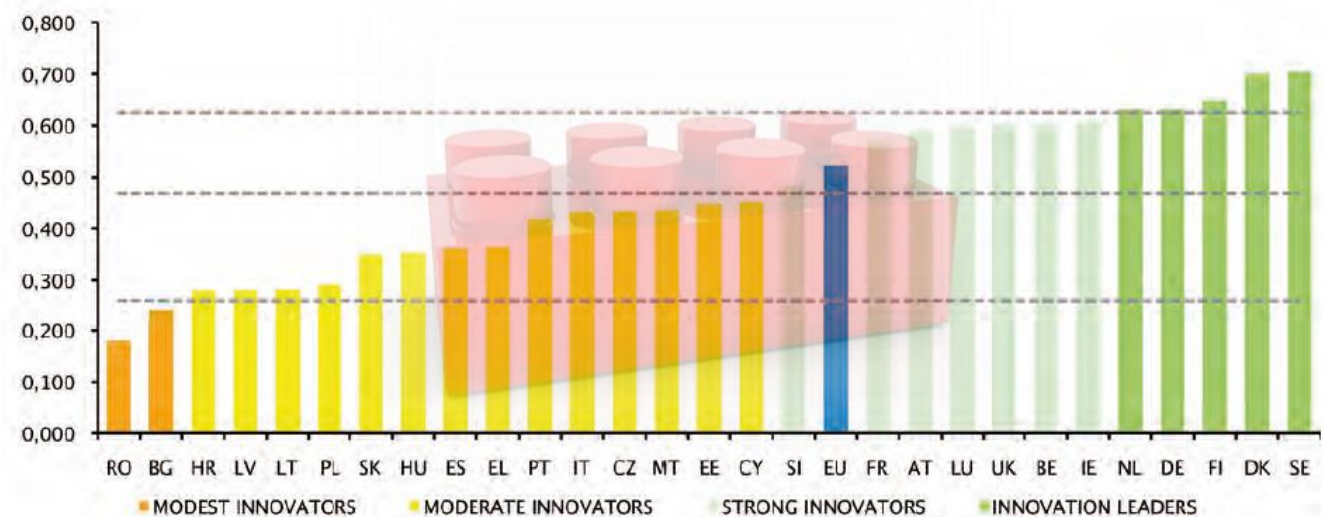
DENMARK IS A EUROPEAN INNOVATION LEADER



Denmark ranks second on the European Innovation Scoreboard

Parameters include

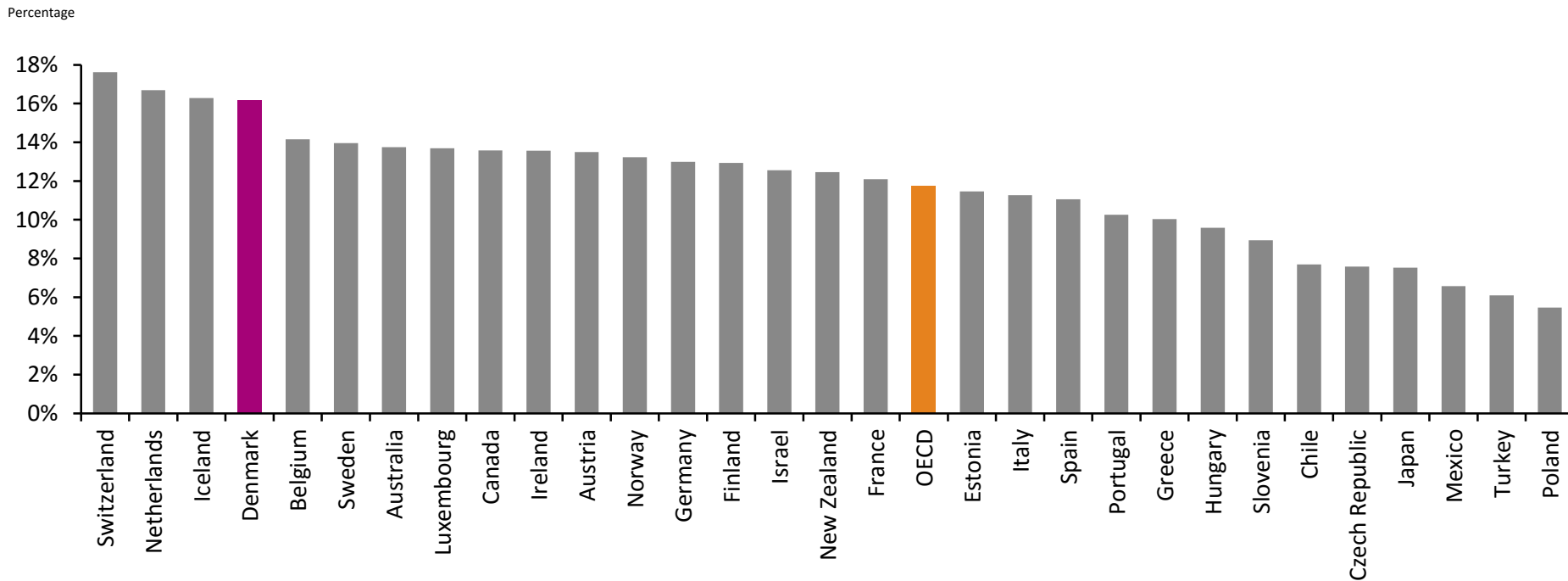
- Human resources
- Research
- Intellectual assets



DENMARK PRODUCES HIGH-IMPACT RESEARCH

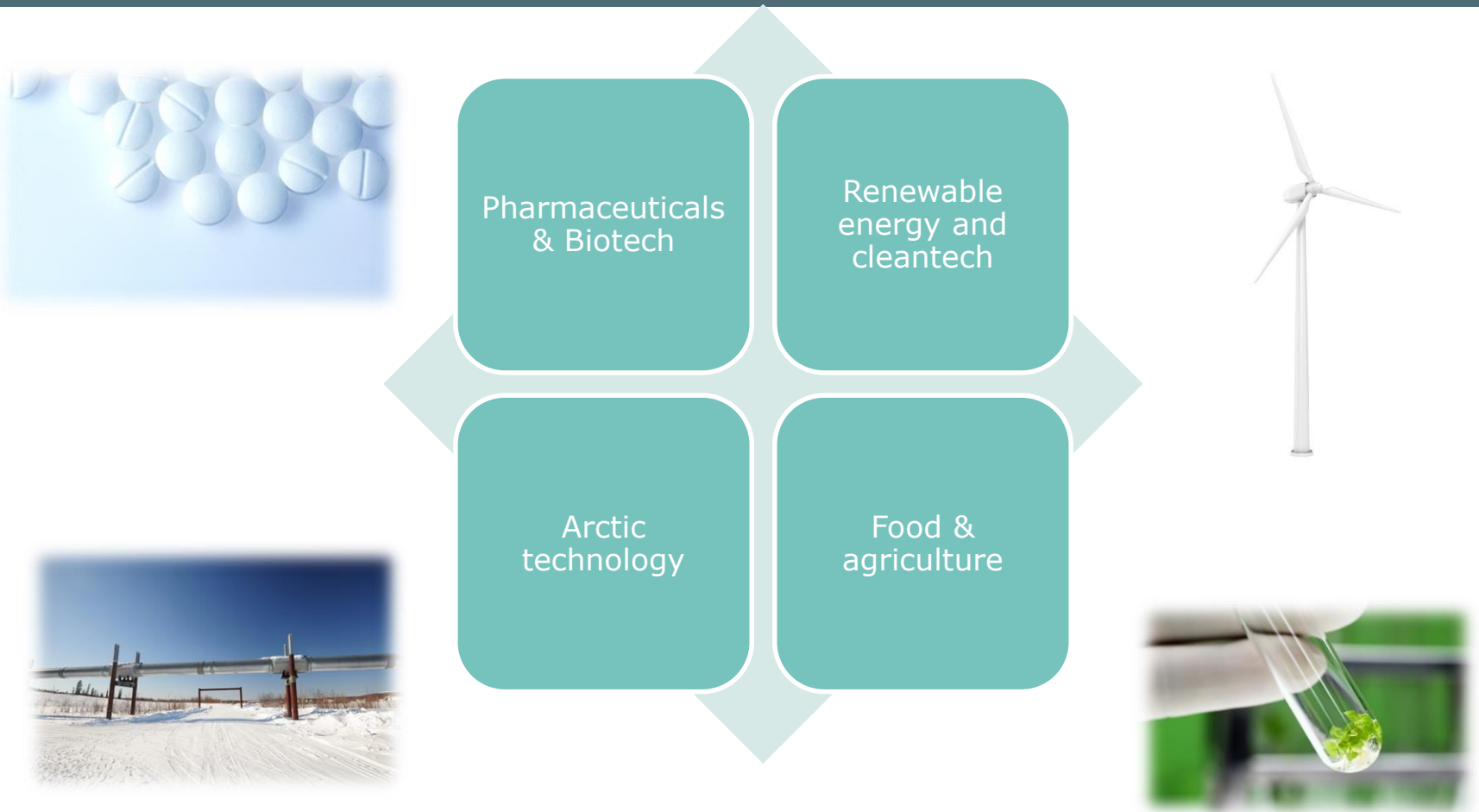


Contribution to top 10 per cent most highly cited publications, 2013





RESEARCH INTENSIVE BUSINESS SECTORS



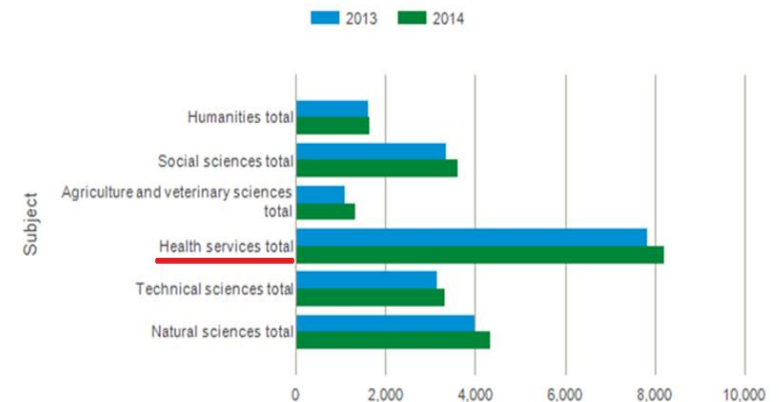


R&D INVESTMENTS

- **Medical and health sciences** is by far **the most prioritized** area in Denmark, with **more than 1/3 of all public investments**
- **Natural sciences** is the **second most highly prioritized** field for **R&D investments**
- **Research intensive business sectors** in Denmark are **pharma and biotech industries, medtech, cleantech, food agriculture & ICT**

	2012	2013	2014
Natural Sciences total	3 700	3 993	4 330
Technical Sciences total	2 951	3 136	3 318
Health Services total	6 930	7 834	8 206
Agricultural & Veterinary Sciences total	1 254	1 095	1 313
Social Sciences total	3 092	3 347	3 596
Humanities total	1 523	1 607	1 633

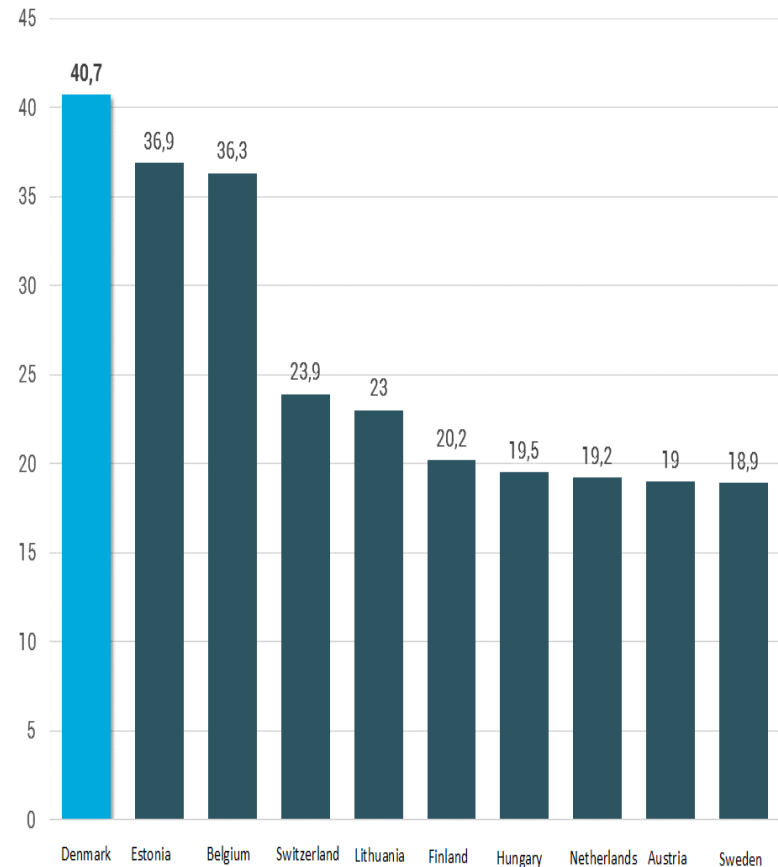
R&D-expenses in public sector
Type of expense: Total costs Mio. Dkk





ACHIEVEMENTS IN CLINICAL AND PHARMACEUTICAL RESEARCH

- Measured per capita, **Denmark** is one of the countries where **most clinical trials** are **conducted in 2015**
- The **export of pharmaceutical products** currently (**2015**) constitutes **13,5 %** of Denmark's total exports. The equivalent percentage in 2000 was 6 %
- The **pharmaceutical industry** is one of **Denmark's most productive** sectors with a productivity that measured on the value added per employee is approximately **2.6 times** as large as the business community as a whole
- Every year, the **pharmaceutical industry invests more than DKK 10,8 bn in research and development** of new medicinal products.
- It is approximately **30 %** of all **private research** in Denmark



www.clinicaltrials.gov

CLEANTECH RESEARCH IN DENMARK

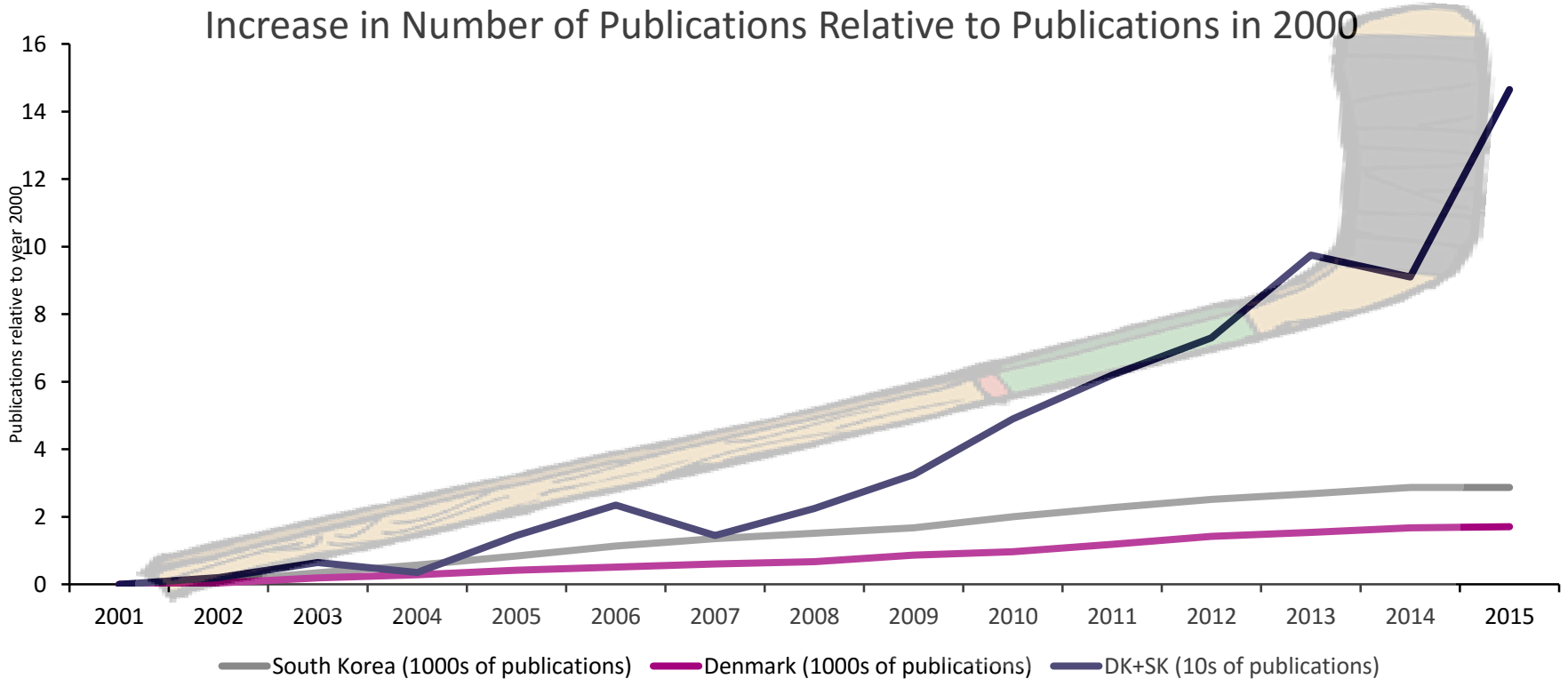


- Denmark has gone from being 99 % dependent on foreign fossil fuel to being completely energy self-sufficient
- In 2015, 42 per cent of electricity was produced by renewable sources
- 80 per cent of all offshore wind turbines are made in Denmark
- World class research and talent pools have provided excellent innovative and user-centered cleantech solutions
- Developed cleantech into the fastest-growing sector of Danish exports, with no less than 46 research institutions





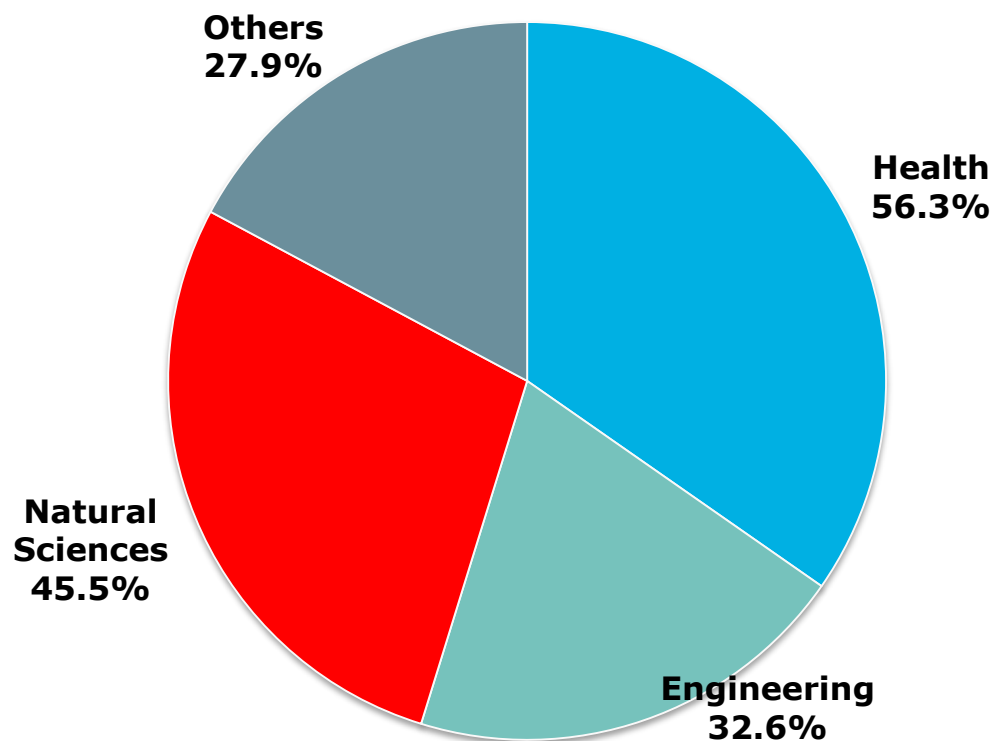
DENMARK AND KOREA HAVE INCREASING COLLABORATIONS





DENMARK AND KOREA HAVE INCREASING COLLABORATIONS

Co Publications by Field of Research





FUNDING POSSIBILITIES

Joint Korea Denmark funding

- Korea Denmark Mobility program
- JCM in Dec, decide on 2nd call for joint research

Danish research funding

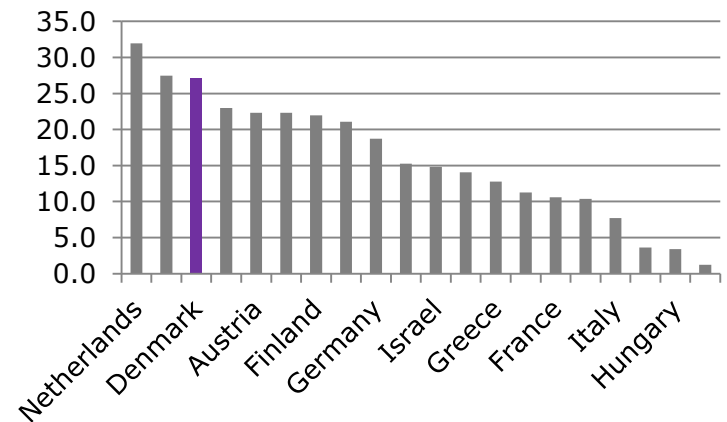
- Innovation Fund Denmark → €210 mill.
- Danish Council for Independent Research → €160 mill.
- The Danish National Research Foundation → €65 mill.

Horizon 2020, Eurostars and EUREKA



Danish share of Horizon 2020 (Euro)

per million capita , 2015





MORE INFORMATION

