

Research and Innovation Collaboration with Europe Finland

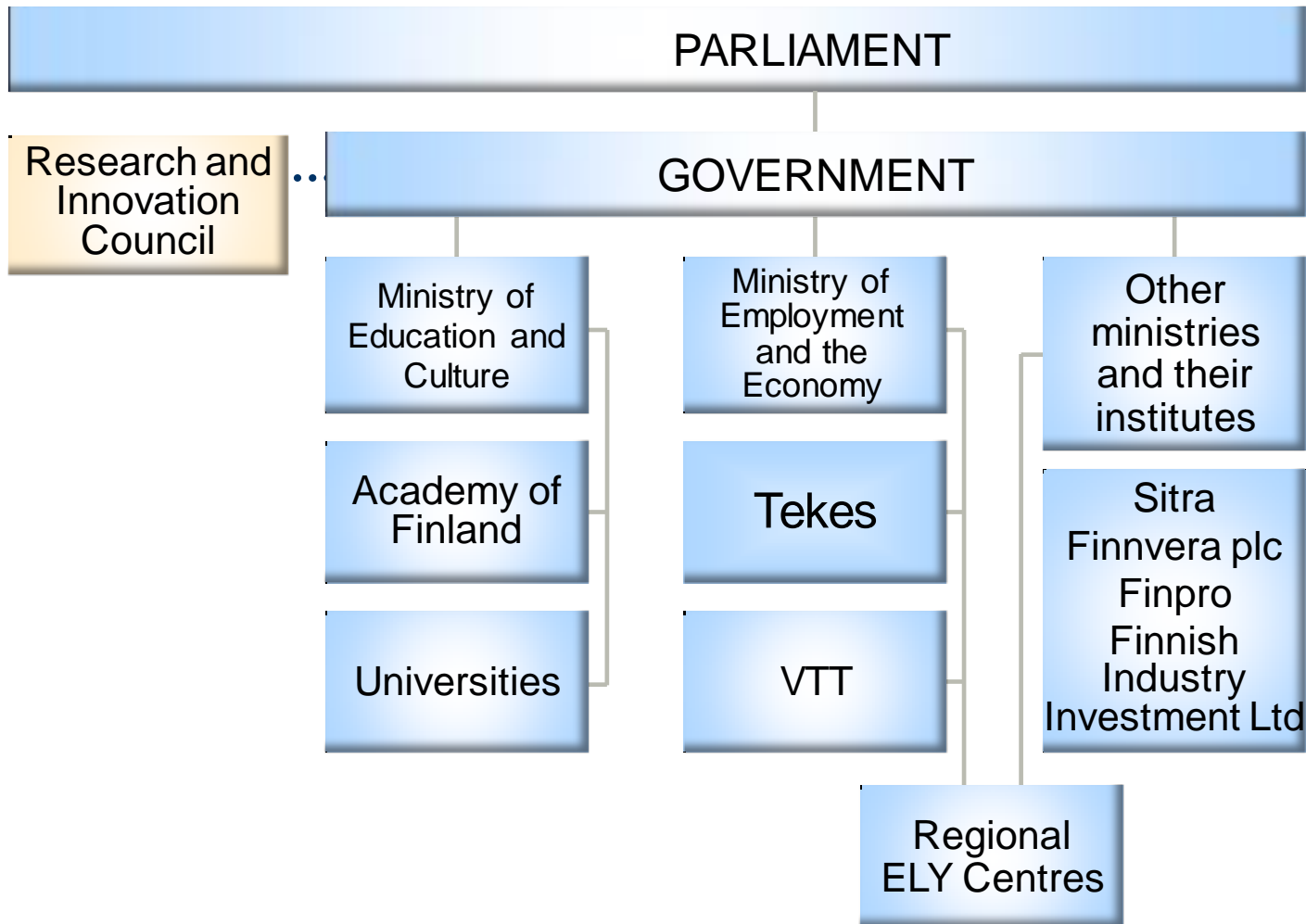
Jarmo Heinonen, Consul Science and Technology

Tekes – Finnish Funding Agency for Technology and Innovation

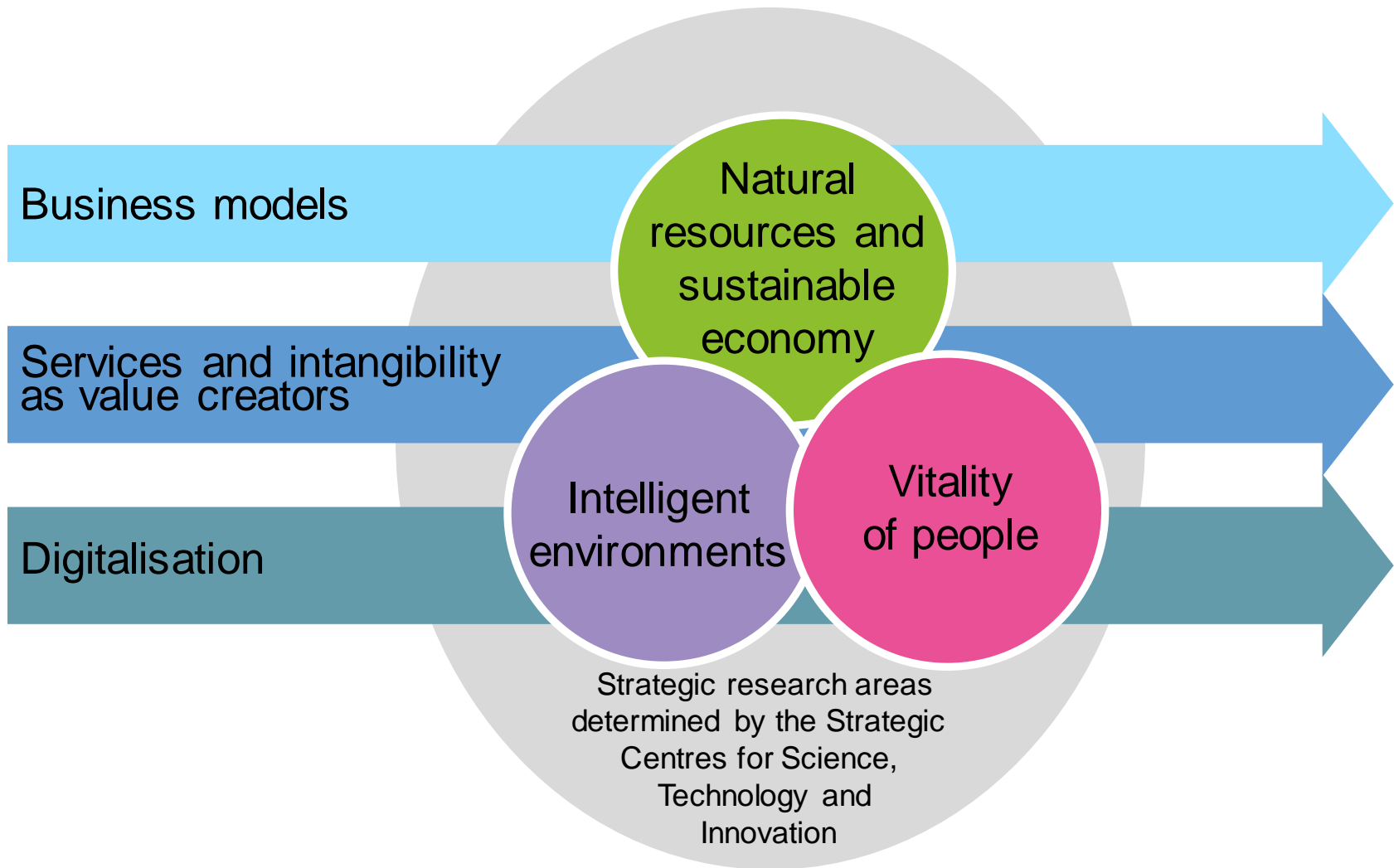
- Tekes services
 - Funding for innovative R&D and business
 - Networking Finnish and global companies and researchers
 - Tekes is non-profit and takes no equity or ownership on intellectual property.
- Customers
 - Finnish and international companies located in Finland
 - Universities, research institutes, hospitals etc.
- Resources
 - Budget: 600 million euros annually
 - Personnel: 360 in Finland and abroad
 - Public agency under the Ministry of Employment and the Economy



Public sector activities of R&D in Finland



Focus areas



International Network

Tekes Overseas Offices



Tekes promotes European cooperation



Tekes is the host of the Finnish Secretariat for EU R&D. Together with the EU Commission and other member countries, Tekes co-finances several European programmes.



EUREKA is a European network that supports businesses performing close-to-market R&D. Tekes finances Finnish participants in EUREKA projects and coordinates EUREKA in Finland.



COST (European Cooperation in Science and Technology) is an instrument supporting cooperation among scientists and researchers. Tekes is the national coordinator for COST in Finland.



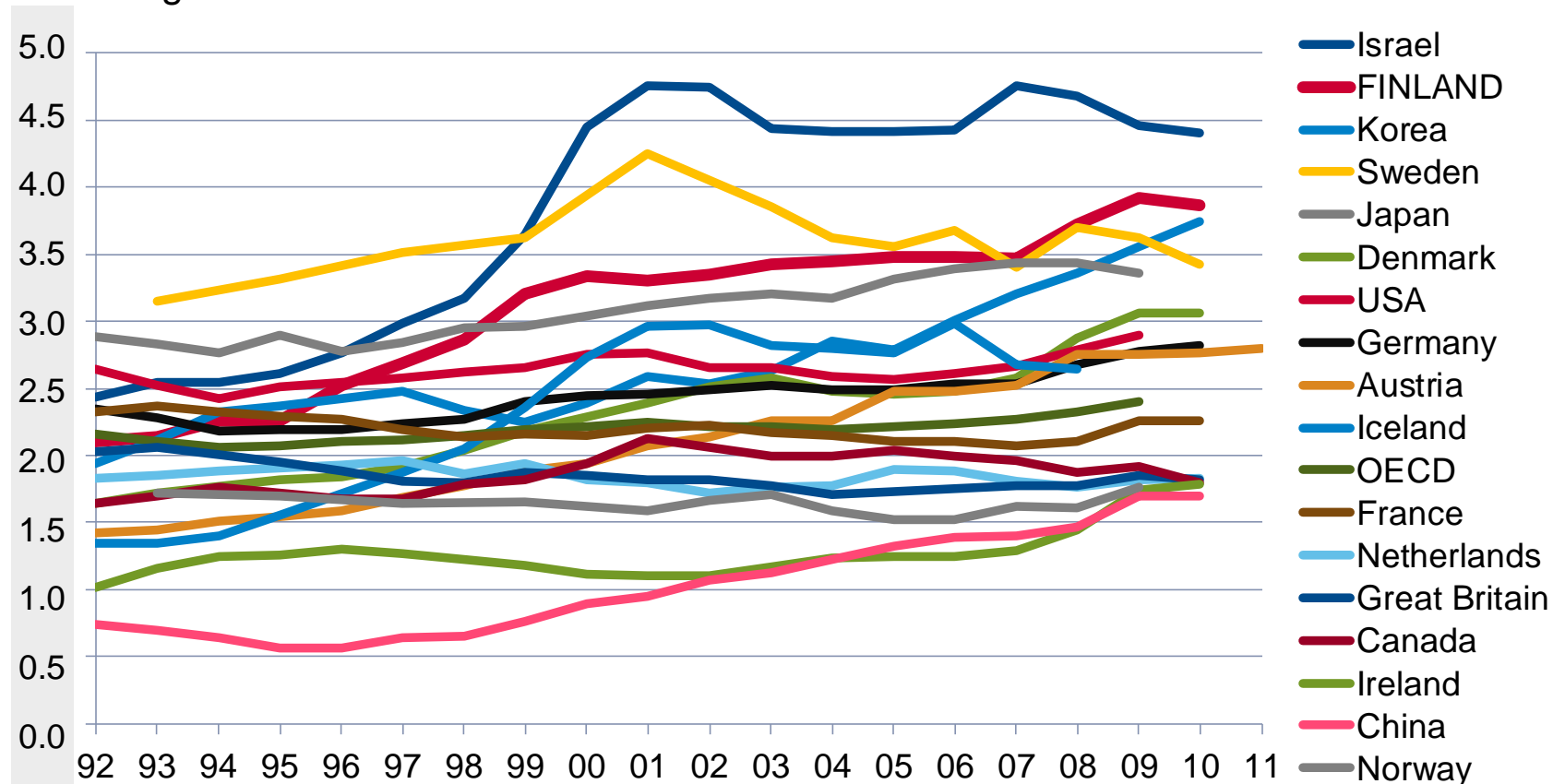
Tekes coordinates, manages and funds European Space Agency cooperation in Finland. Tekes supports the the Ministry of Employment and the Economy in implementing the national space policy.



Tekes participates in steering of several R&D programmes of the Nordic Council of Ministers.

R&D investments in some countries

Percentage of GDP



Source: OECD, Main Science and Technology Indicators

Ranking of EU countries

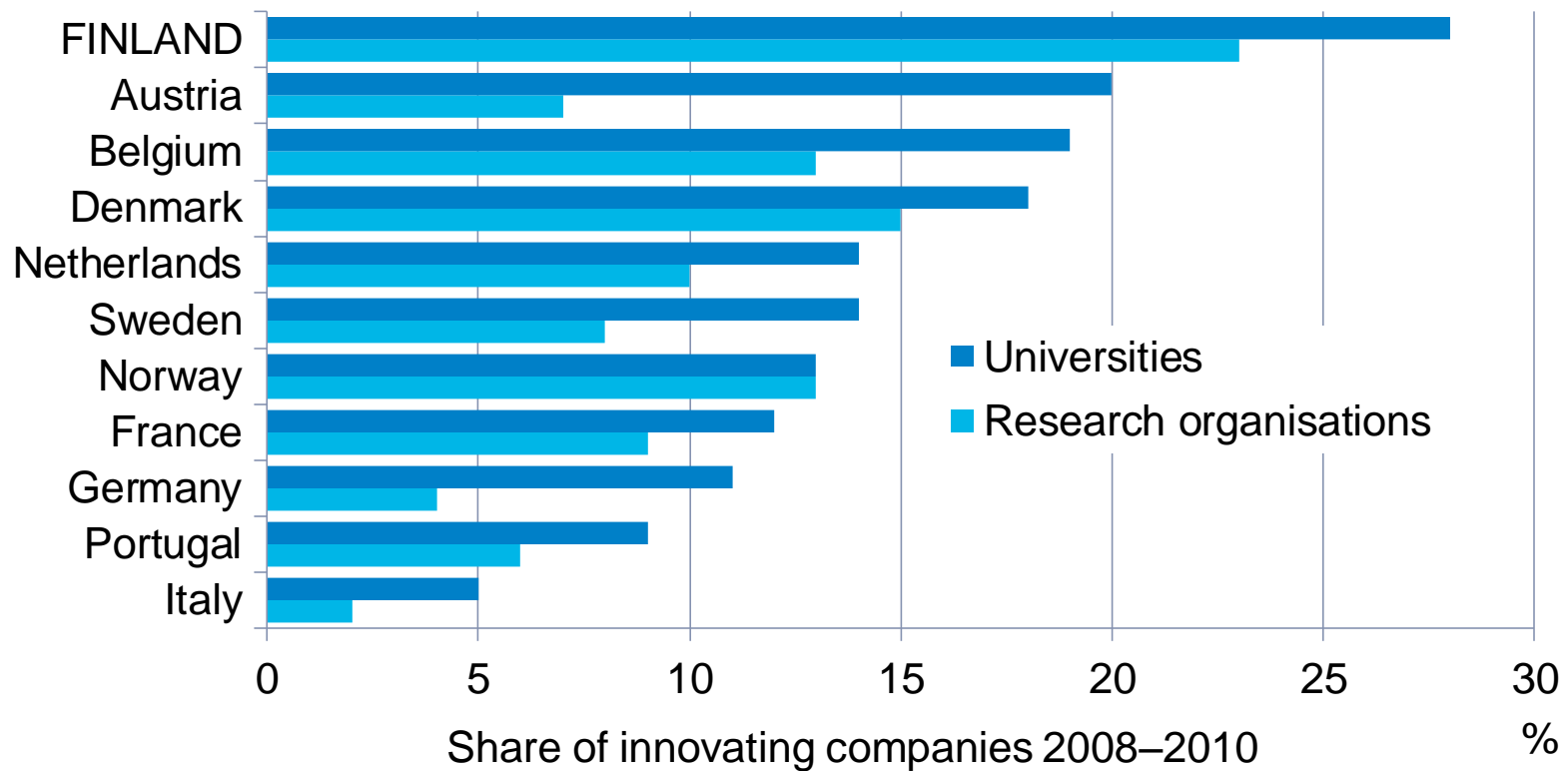
Europe 2020 Competitiveness Scores

	Total ranking	Digital agenda	Innovative Europe	Education & training	Labour market & employment	Enterprise environment	Social inclusion	Environmental sustainability
Sweden	1	2	1	3	11	1	1	1
Finland	2	4	2	1	4	2	3	2
Denmark	3	6	3	5	1	6	2	5
Netherlands	4	3	4	4	2	4	4	11
Austria	5	10	6	8	3	11	5	3
Germany	6	7	5	6	7	8	8	6
Great Britain	7	1	8	7	6	5	12	12
Luxembourg	8	8	9	19	10	3	7	9
Belgium	9	15	7	2	18	7	6	16
France	10	9	10	9	23	9	9	10
Estonia	11	5	16	12	9	12	20	14
Ireland	12	18	11	10	13	13	16	18
Slovenia	13	16	15	13	16	19	7	8
Portugal	14	12	12	15	21	17	14	7
Spain	15	14	13	11	25	18	13	13

Source: WEF, The Europe 2020 Competitiveness report 2012

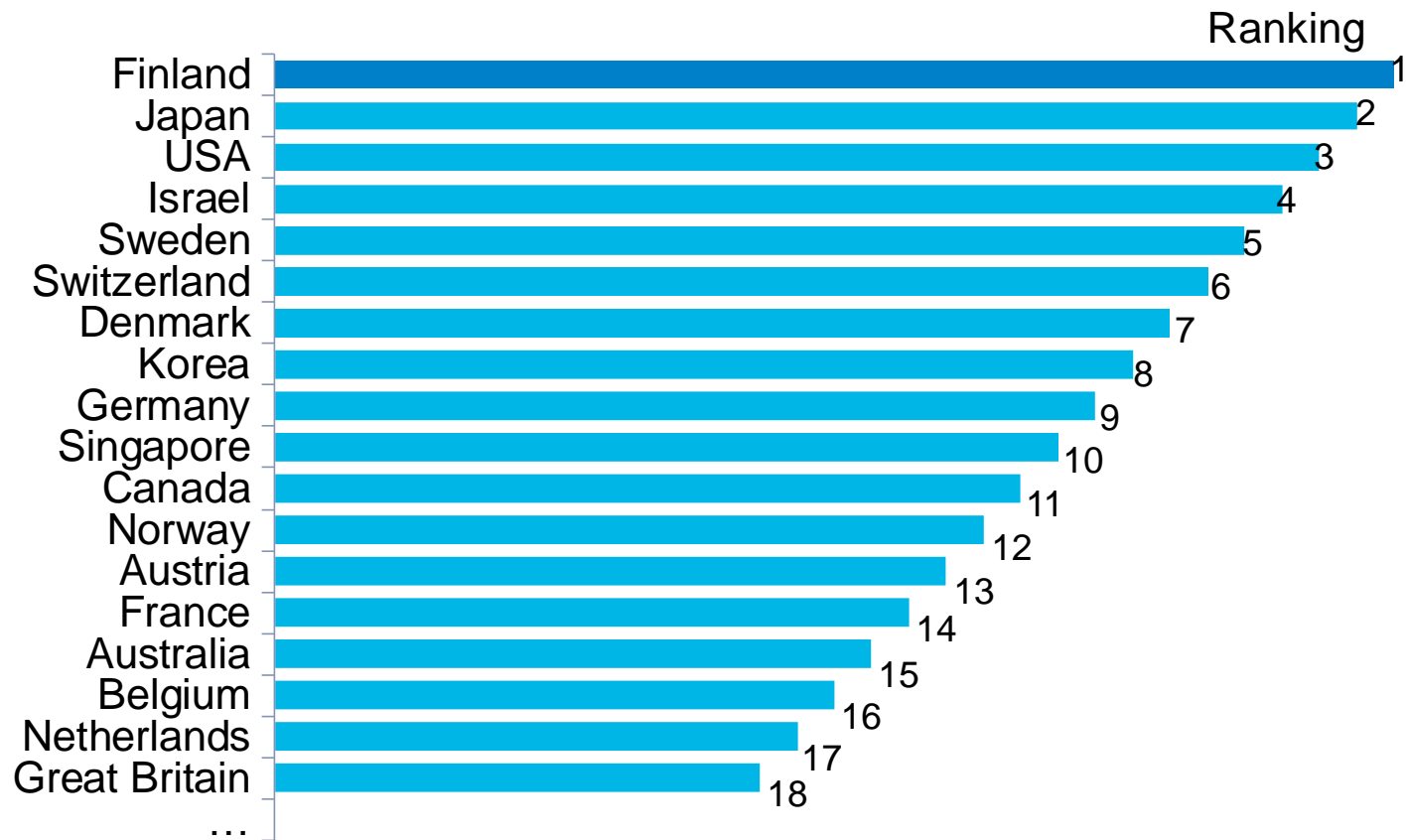
Finland is the leading country regarding innovation cooperation between companies and academia

Innovation cooperation between companies, universities and research organisations



Source: Eurostat, Community Innovation Survey

Finland leads in technology and innovation



Measurements of the comparison are R&D investments as percentage of GDP, scientific and engineering researchers per capita and patents per capita.

Source: Martin Prosperity Institute: Global technology rankings.

Finland is one of the most research-intensive countries in the world

- The keys to success are a long-term commitment as well as cooperation between companies, researchers and funding organisations such as Tekes and Academy of Finland
- As an EU member state, Finland is highly involved in the development of the European Research and Innovation Area. The increased Finnish participation in the European research and innovation programmes has played a crucial role in the internationalisation of Finnish companies and research teams.
- EU Research and Innovation Programmes (EUTI), based in Tekes, communicates EU funding opportunities and EU policy issues to all Finnish stakeholders in companies, universities, research institutes, governmental agencies and municipalities. It also monitors the EU project landscape and Finnish participation.
- EUTI together with National Contact Points give information and advice on Horizon 2020. National Contact Points (NCPs) are thematic advisers specialised in different parts of the Horizon 2020. The NCPs are located in Tekes and the Academy of Finland.

Tekes China Network

National level MoU's

State agreement S&T 1986 MOST – MEE – (Tekes)

- China-Finland Nano Innovation Center MoU 2011
MOST - MEE

5 year MEE-National Development and Reform
Commission MoU, Cleantech cooperation

5-year Tekes MoU's

Shanghai S&T Commission (since 2005, renewed
2010)

Beijing S&T Commission (2007, renewed 2012)

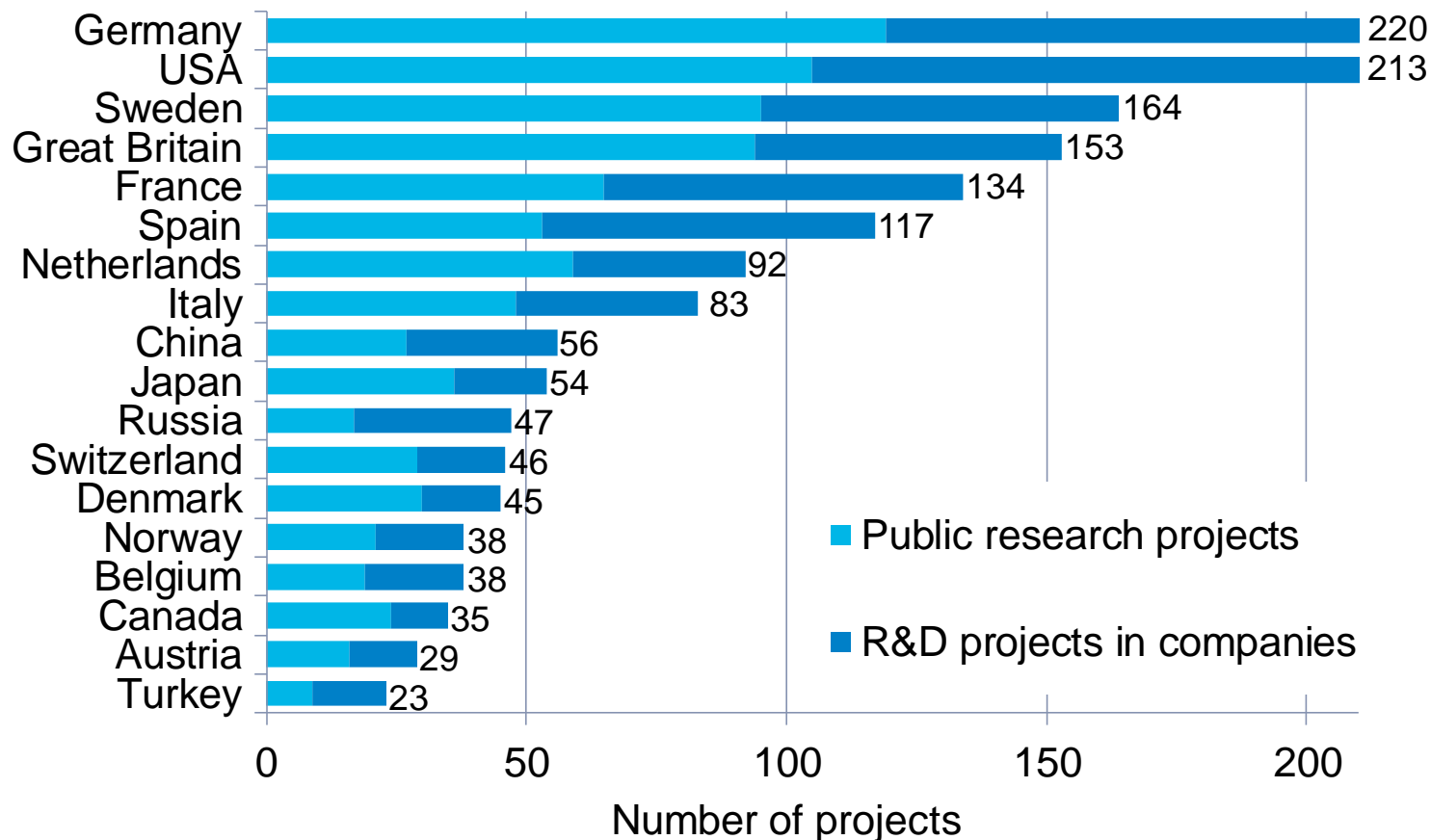
Jiangsu Province S&T Department (2007, renewed
2012)

Zhejiang S&T Department (2009, renewed 2013)



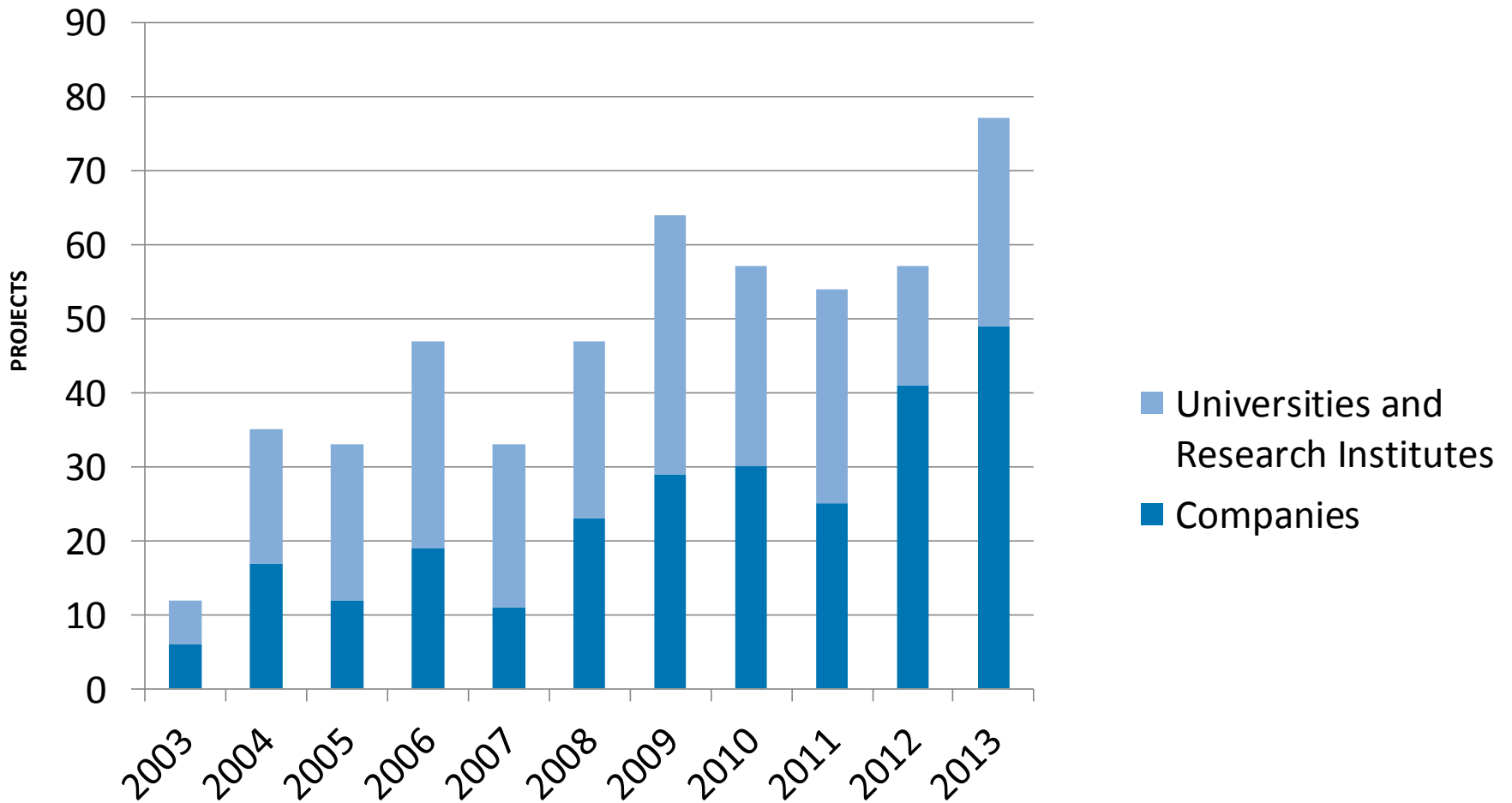
International cooperation in projects funded by Tekes in 2010

Total 846 R&D projects with 61 countries



Cooperation additionally in less than 20 projects per country with 43 countries.

Cooperation projects in China funded by Tekes



Thank You!

谢谢!

Xie Xie!

www.tekes.fi/en/
www.aka.fi/en-GB/A/