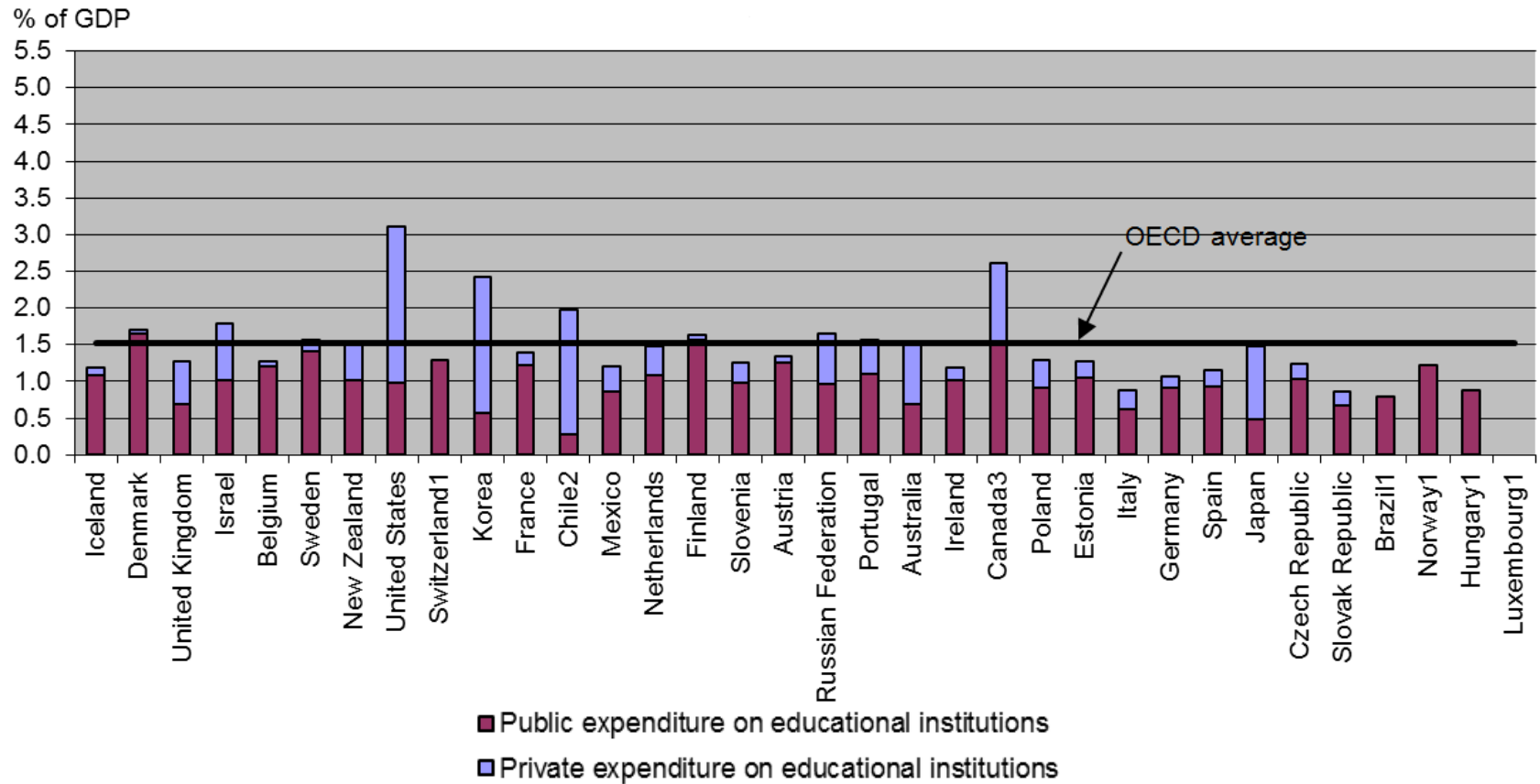


International comparisons of funding and performance

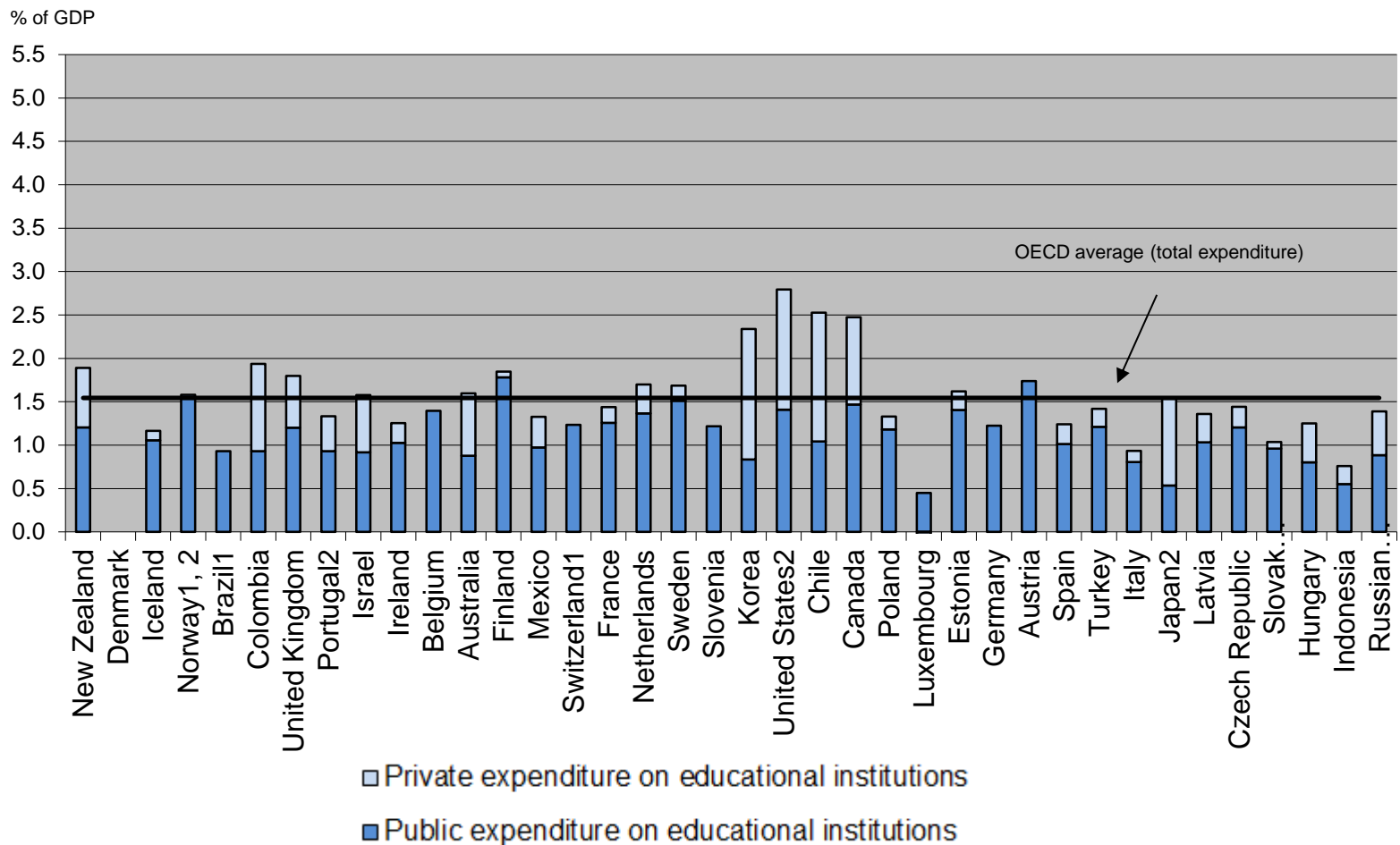
Vivienne Stern
Director,
Higher Education International Unit

Total expenditure on Tertiary education institutions as a percentage of GDP (2008)

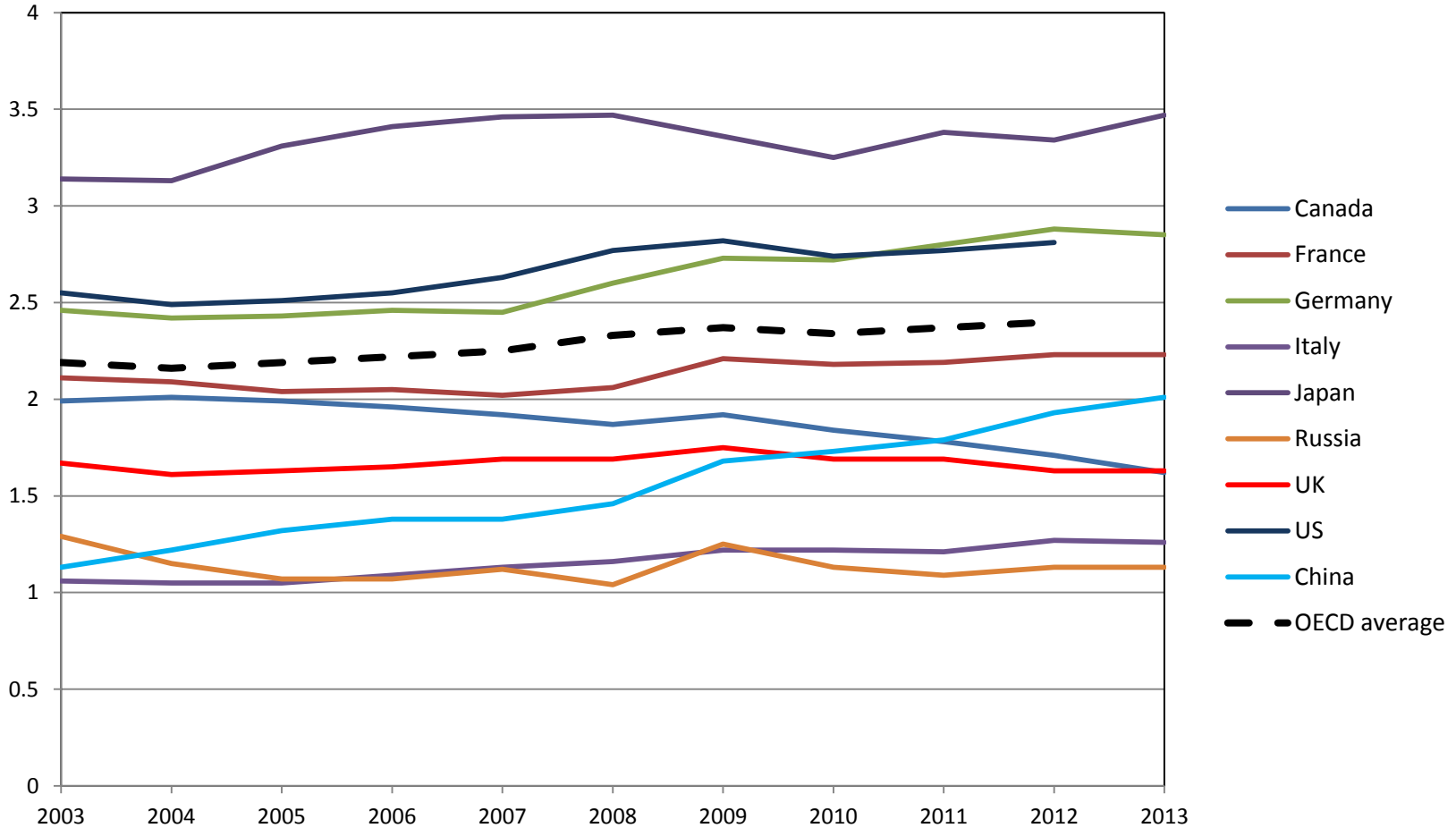


Source: OECD

Total expenditure on Tertiary education institutions as a percentage of GDP (2012)

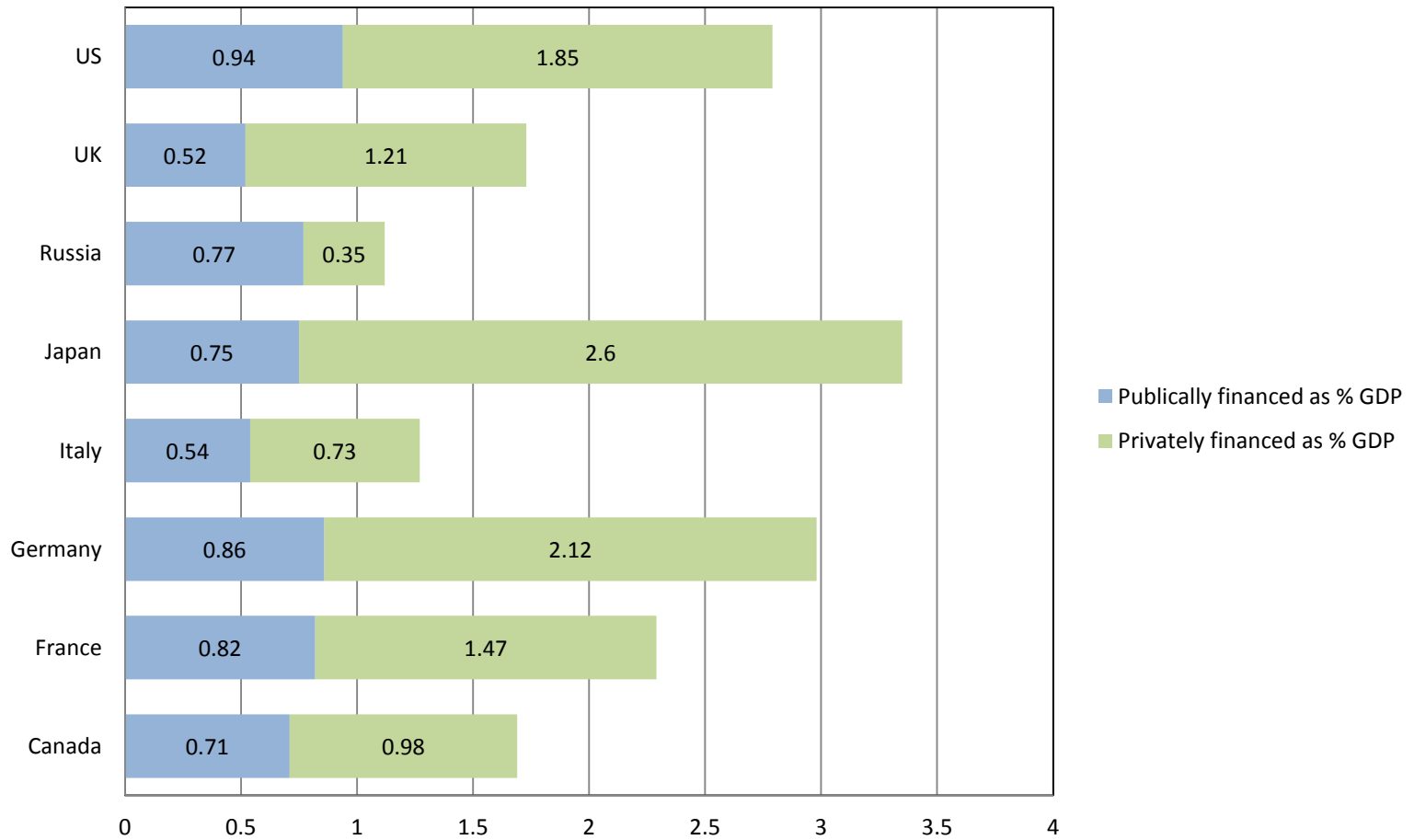


Gross expenditure on R&D as a % of GDP



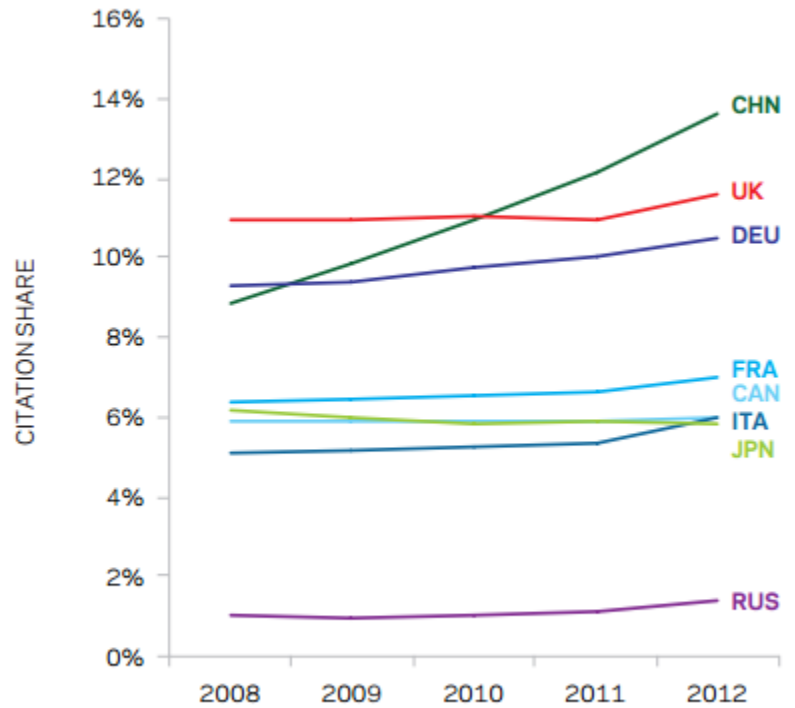
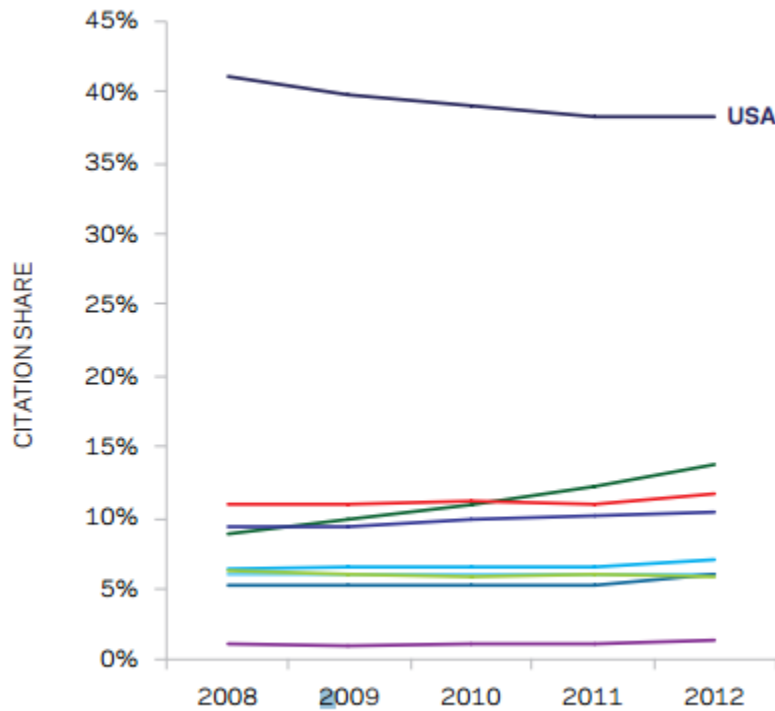
Source: OECD

GERD as a % GDP by source



Source: OECD

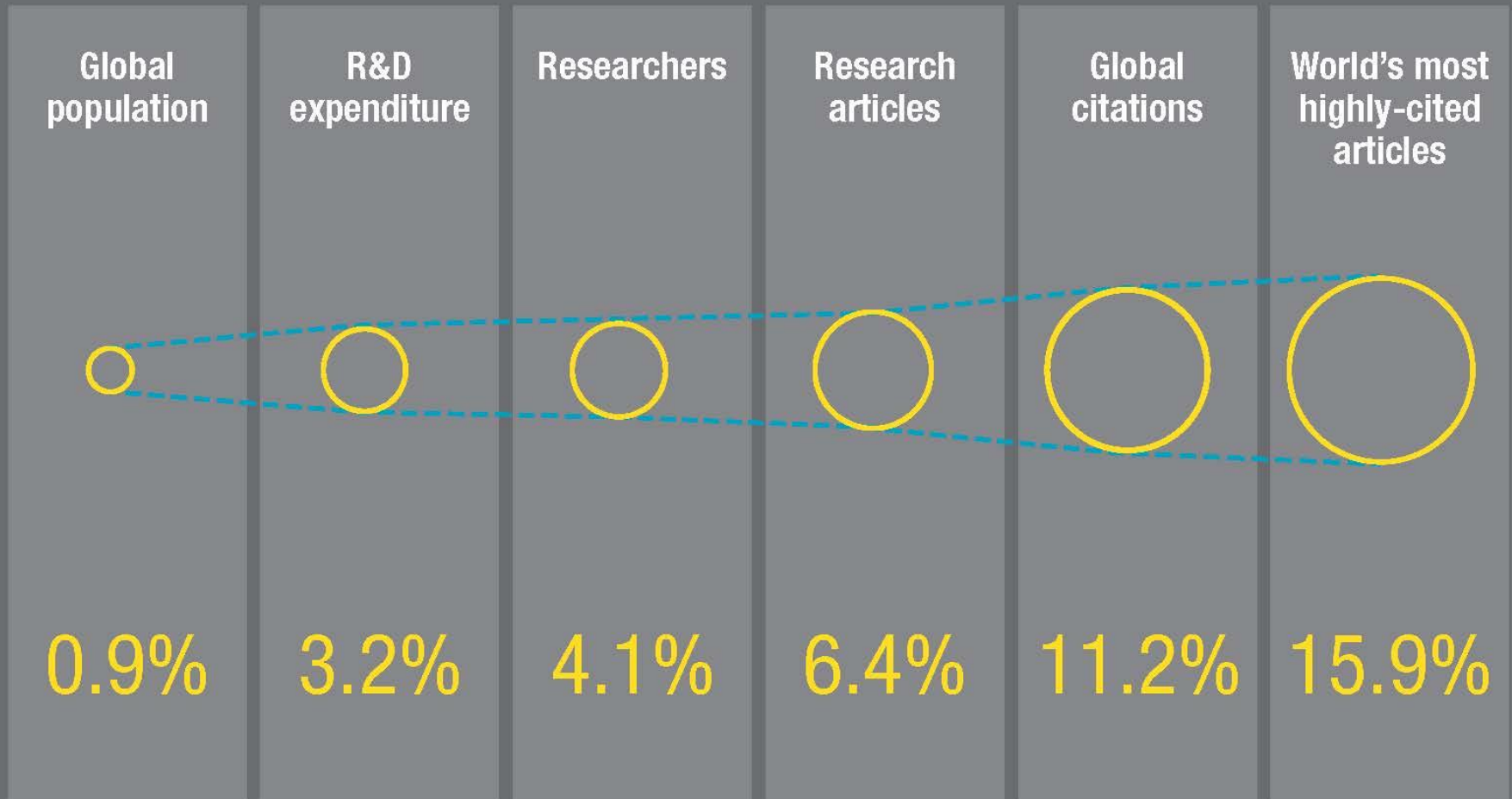
Share of world citations , 2008-2012



Source: Scopus

QUALITY & IMPACT OF UK RESEARCH INTERNATIONALLY

The UK has more articles per pound and per researcher than our major competitors and outperforms them on impact



Source: Elsevier and BIS (2013), International Comparative Performance of the UK Research Base – 2013

CITATION IMPACT FOR UK INTERNATIONALLY CO-AUTHORED ARTICLES WITH ITS TOP 20 COLLABORATION PARTNERS, 2008-12

Bubble size is proportional to the number of co-authored publications with this partner.

Bubble colour represents the field weighted citation impact (adjusted citation per paper) of these collaborations, with dark shades representing the highest field weighted citation impact.



UK international co-authorship is associated with 61% greater field-weighted citation impact compared to UK institutional co-authorship.

47.6% of UK authored published articles were co-authored with at least one non-UK researcher in 2012.

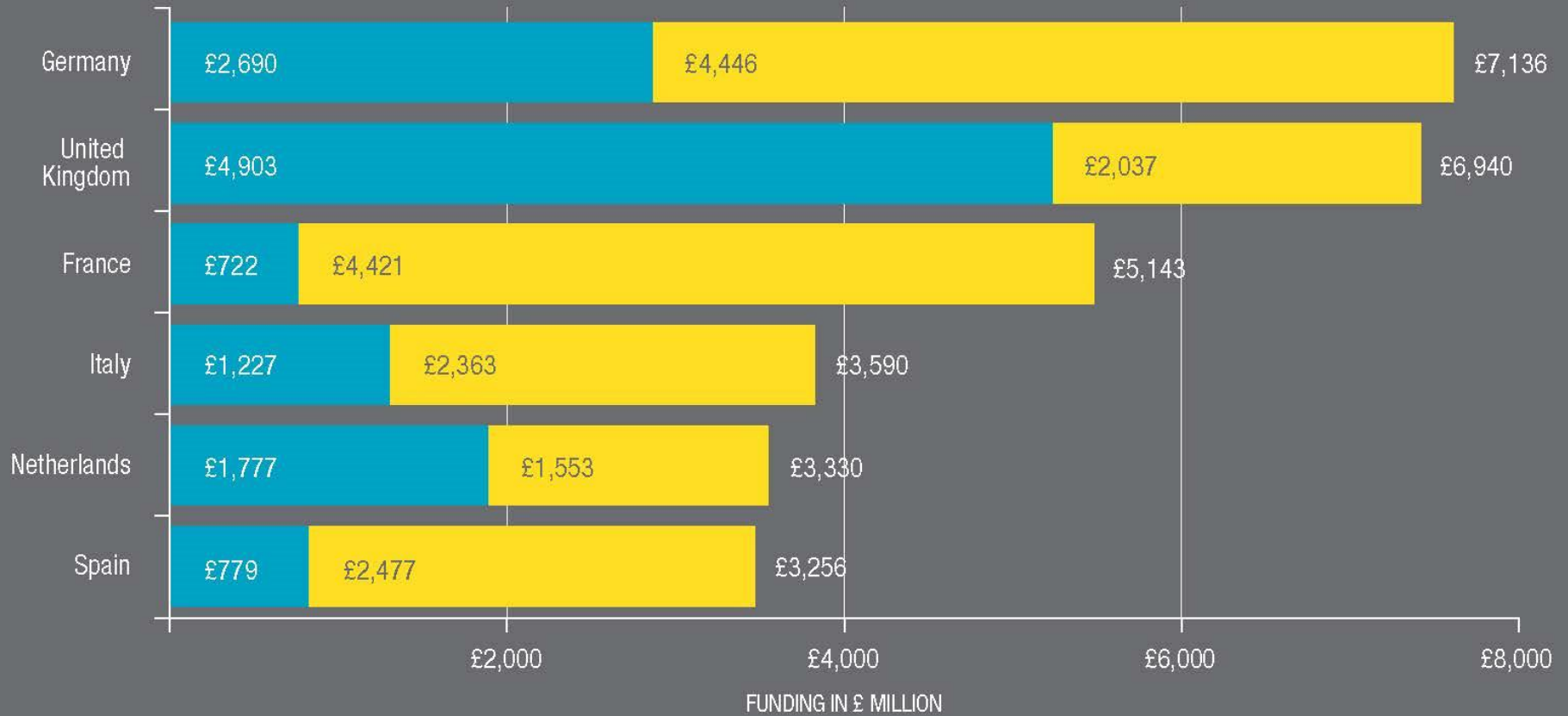
The best researchers are internationally connected...

Figure 5.2 A: International collaboration map for the UK in the period 2006-2010, world excluding Europe.



LEVELS OF EU FUNDING UNDER FRAMEWORK PROGRAMME 7

UK universities are by far the most successful in winning EU research funding, receiving 45% more funding than any other country

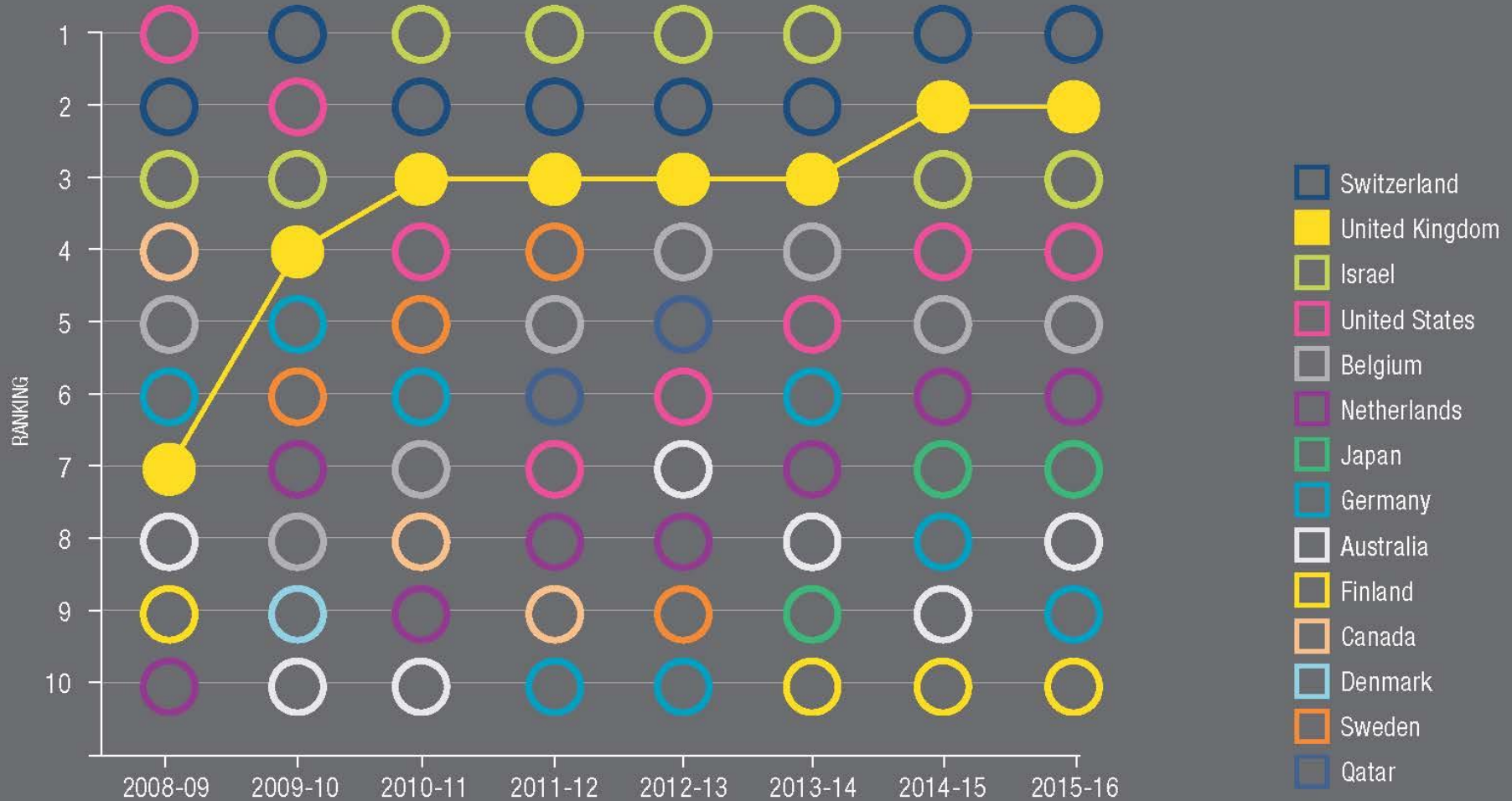


Other organisations HEIs

Source: European Commission (2013)

QUALITY OF INTERNATIONAL SCIENTIFIC RESEARCH INSTITUTIONS OVER TIME

The UK's scientific research institutions are now ranked second in the world for quality



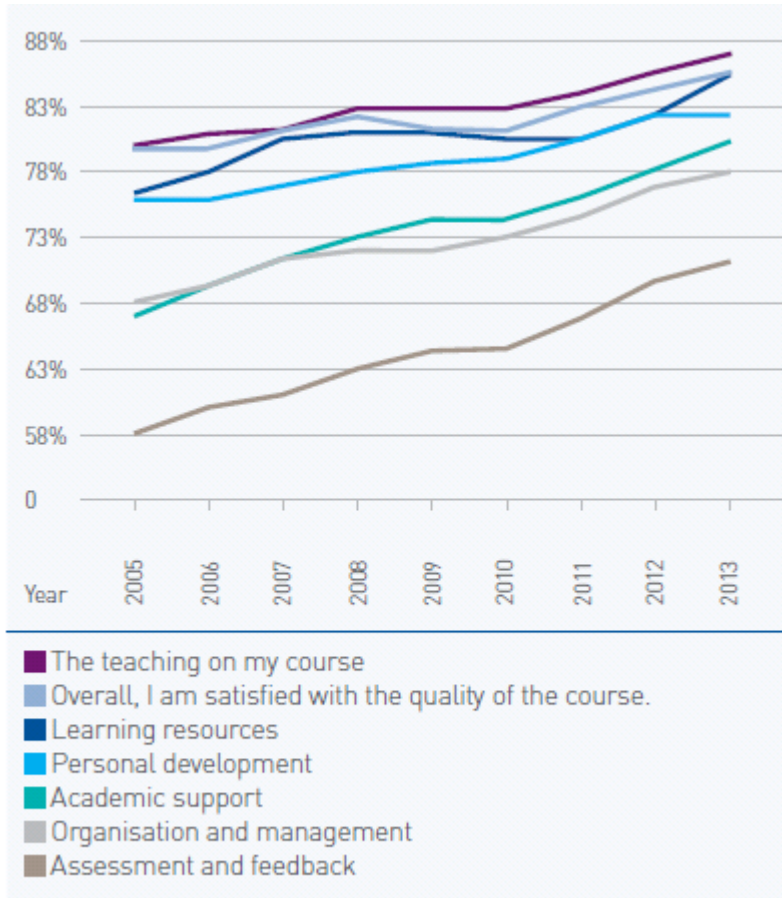
Source: World Economic Forum (2014)

TOP 10 COUNTRIES ON THE GLOBAL INNOVATION INDEX (GII)

The UK is second in the world on the GI, which measures innovation capabilities

| RANKING | 2011 | 2012 | 2013 | 2014 | 2015 |
|---------|------------------|------------------|------------------|------------------|----------------|
| 1 | Switzerland | Switzerland | Switzerland | Switzerland | Switzerland |
| 2 | Sweden | Sweden | Sweden | United Kingdom | United Kingdom |
| 3 | Singapore | Singapore | United Kingdom | Sweden | Sweden |
| 4 | Hong Kong, China | Finland | Netherlands | Finland | Netherlands |
| 5 | Finland | United Kingdom | United States | Netherlands | United States |
| 6 | Denmark | Netherlands | Finland | United States | Finland |
| 7 | United States | Denmark | Hong Kong, China | Singapore | Singapore |
| 8 | Canada | Hong Kong, China | Singapore | Denmark | Ireland |
| 9 | Netherlands | Ireland | Denmark | Luxembourg | Luxembourg |
| 10 | United Kingdom | United States | Ireland | Hong Kong, China | Denmark |

Student satisfaction is high and rising



Source: National Student Survey

- Percentage of students expressing overall satisfaction with their course at all-time high (NSS)
- International student satisfaction grown by 8-10% since 2005 (I-Grad Student Barometer)



Global
opportunities
for UK higher
education

**international
unit**

No. 1

International undergraduate students rate the UK number one for student satisfaction, ahead of the USA, Canada, Australia, Germany and New Zealand.

91%

International undergraduate student satisfaction with UK higher education is very high at 91% and satisfaction has increased in every area of the learning experience.

85%

of international undergraduates who study here would recommend the UK experience to others; the highest recommendation rate of all of the major English-speaking destinations.

46%

The number of non-EU international undergraduate students in the UK has increased by 46% since 2007. Despite the UK's improving satisfaction results, some of our rivals are enjoying faster growth than the UK.

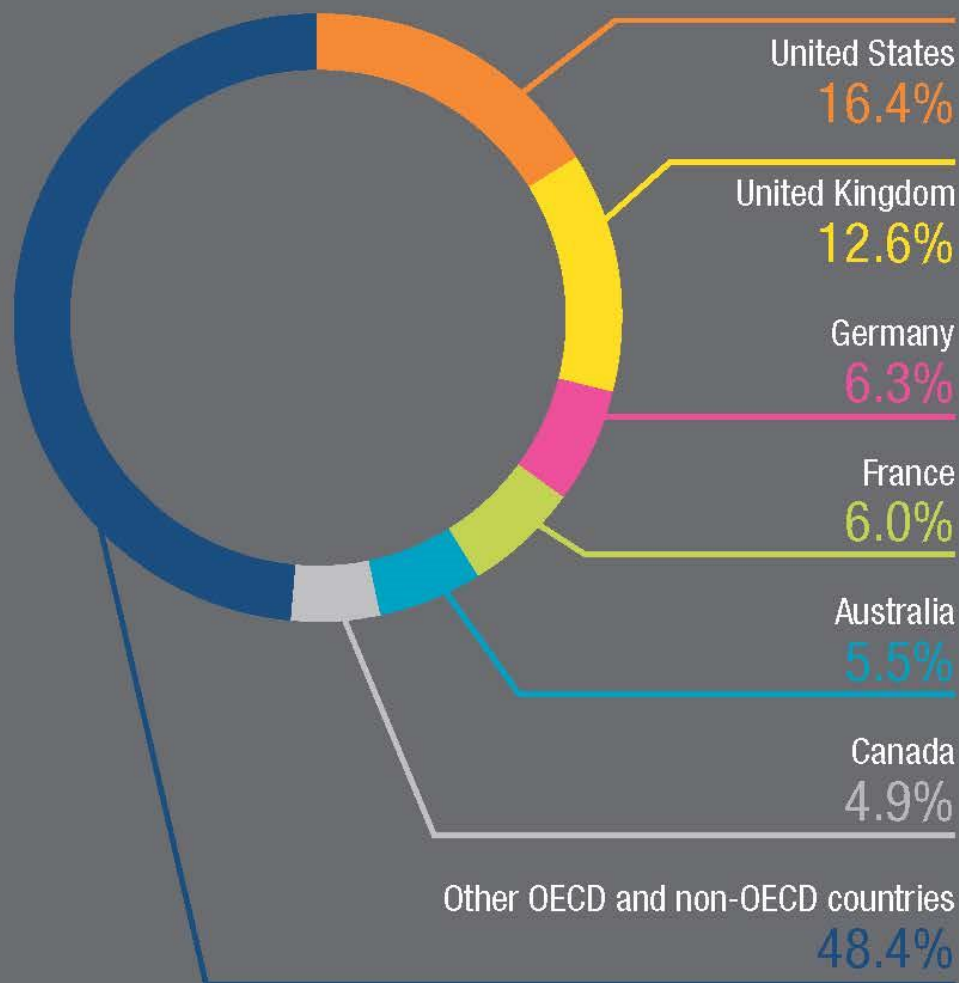
STUDENT SATISFACTION AND THE COST OF STUDY IN THE UK

Of the top three English speaking international student destinations, a UK undergraduate education is the most affordable



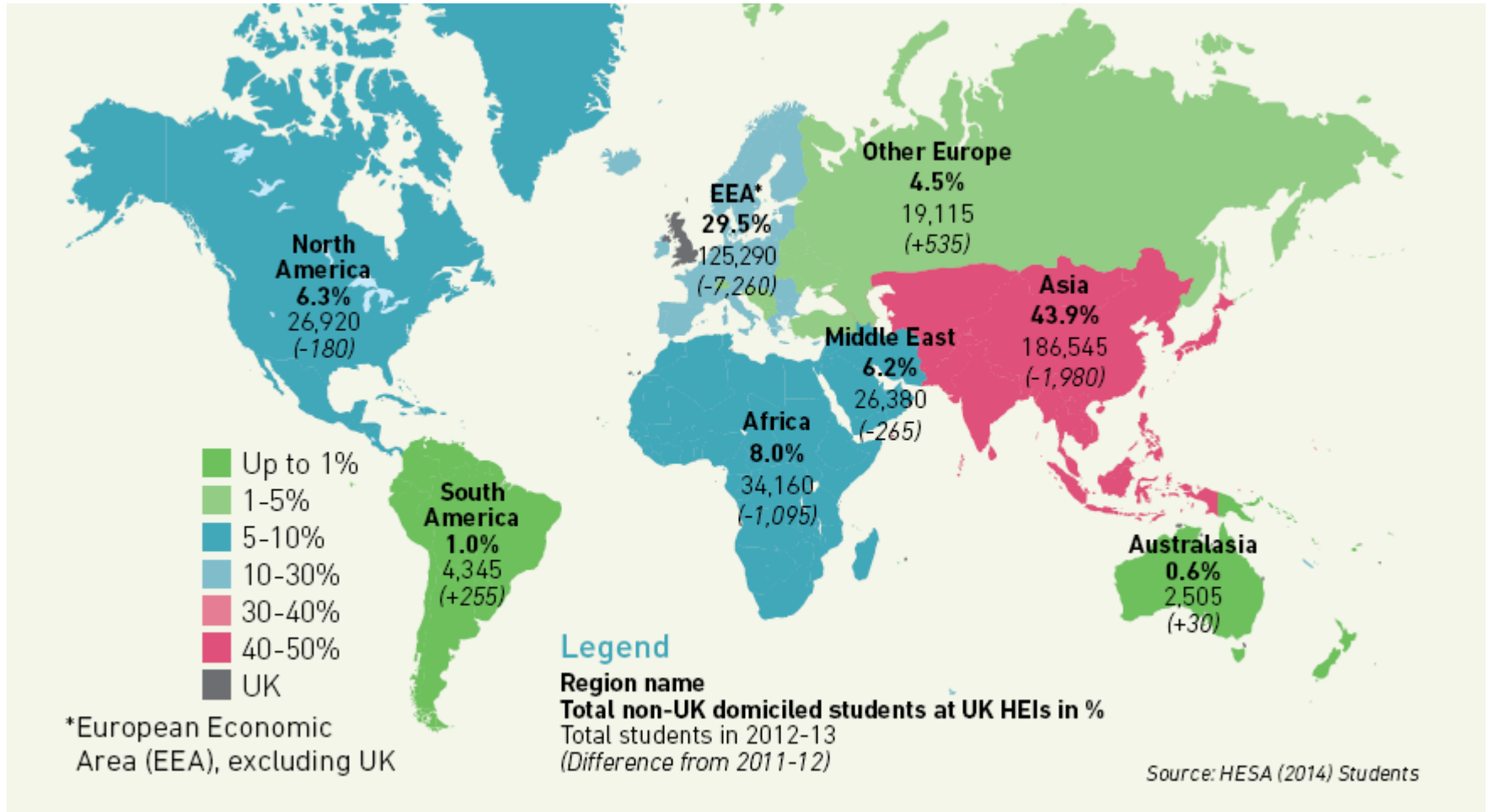
SHARES OF THE WORLD'S INTERNATIONALLY MOBILE STUDENTS, 2012

The UK is the second most popular destination in the world for international students























| COUNTRY | 2000 | 2012 | CHANGE |
|-----------------------------------|-------|-------|--------|
| United States | 22.8% | 16.4% | -6.4% |
| United Kingdom | 10.7% | 12.6% | 1.9% |
| Germany | 9.0% | 6.3% | -2.6% |
| France | 6.6% | 6.0% | -0.6% |
| Australia | 5.1% | 5.5% | 0.4% |
| Canada | 4.5% | 4.9% | 0.4% |
| Russian Federation | 2.0% | 3.9% | 1.9% |
| Japan | 3.2% | 3.3% | 0.1% |
| Spain | 2.0% | 2.2% | 0.2% |
| China | 1.7% | 2.0% | 0.2% |
| Other OECD and non-OECD countries | 32.6% | 37.0% | 4.4% |

An international student population

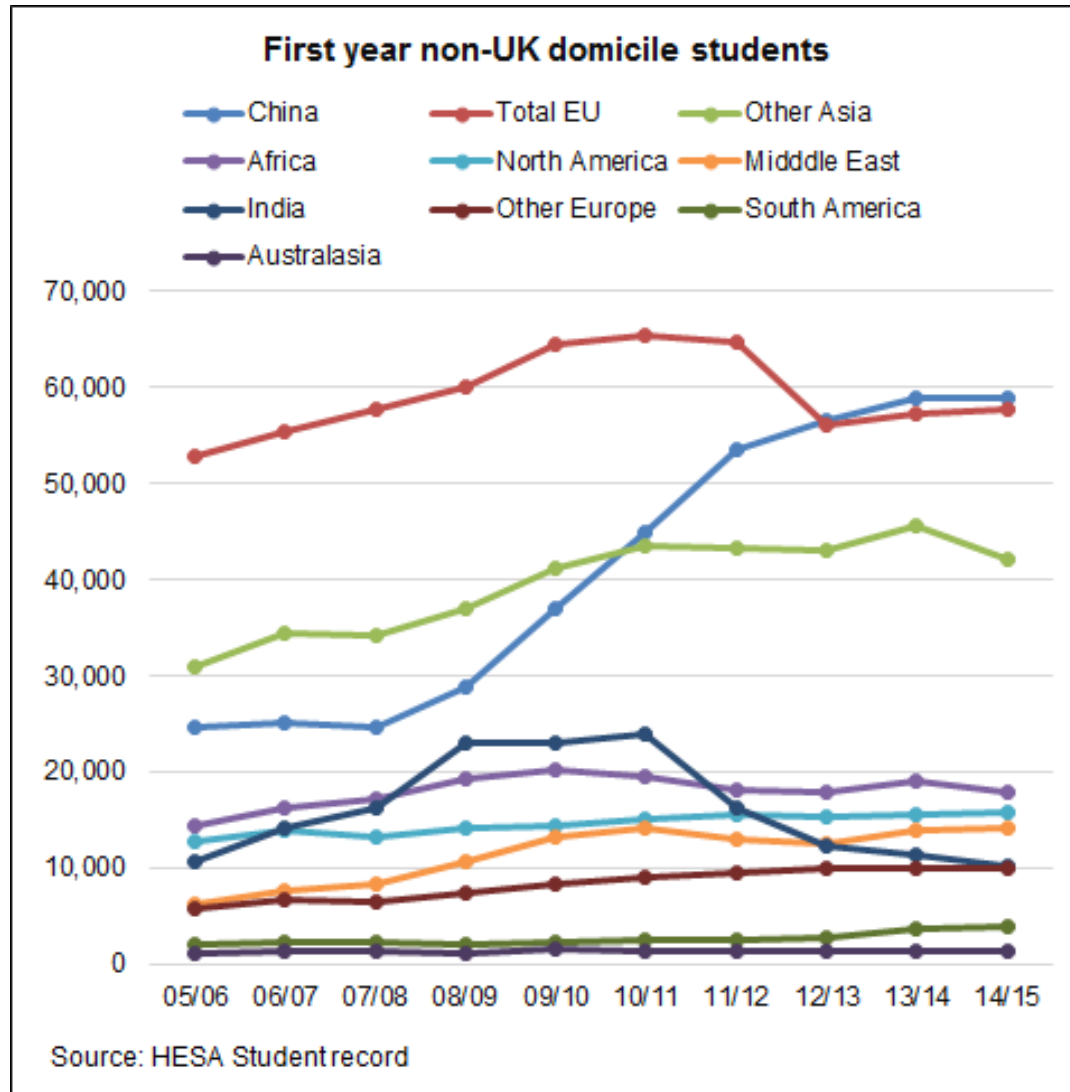


TOP 20 COUNTRIES OF STUDENT ORIGIN, 2013-14

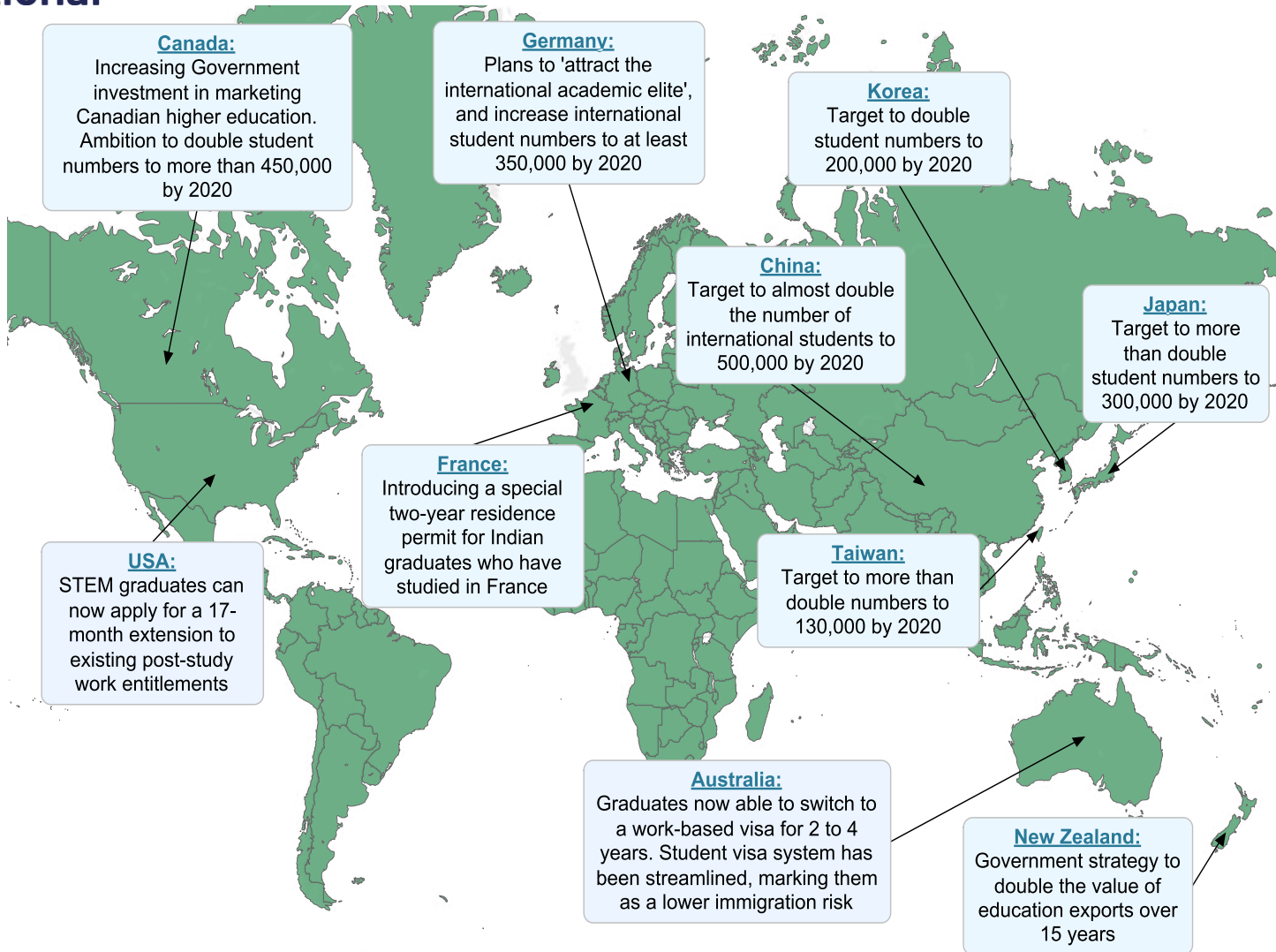
More than one in five international students in the UK came from China in 2013-14

| | | |
|------------------|---|--------|
| China |  | 87,895 |
| India |  | 19,750 |
| Nigeria |  | 18,020 |
| Malaysia |  | 16,635 |
| United States |  | 16,485 |
| Hong Kong, China |  | 14,725 |
| Germany |  | 14,060 |
| France |  | 11,500 |
| Ireland |  | 11,490 |
| Greece |  | 10,670 |
| Cyprus (EU) |  | 10,295 |
| Italy |  | 9,550 |
| Saudi Arabia |  | 9,060 |
| Singapore |  | 6,790 |
| Pakistan |  | 6,665 |
| Spain |  | 6,585 |
| Romania |  | 6,515 |
| Bulgaria |  | 6,355 |
| Canada |  | 6,350 |
| Thailand |  | 6,340 |

Enrolment trends



Increasing international competition

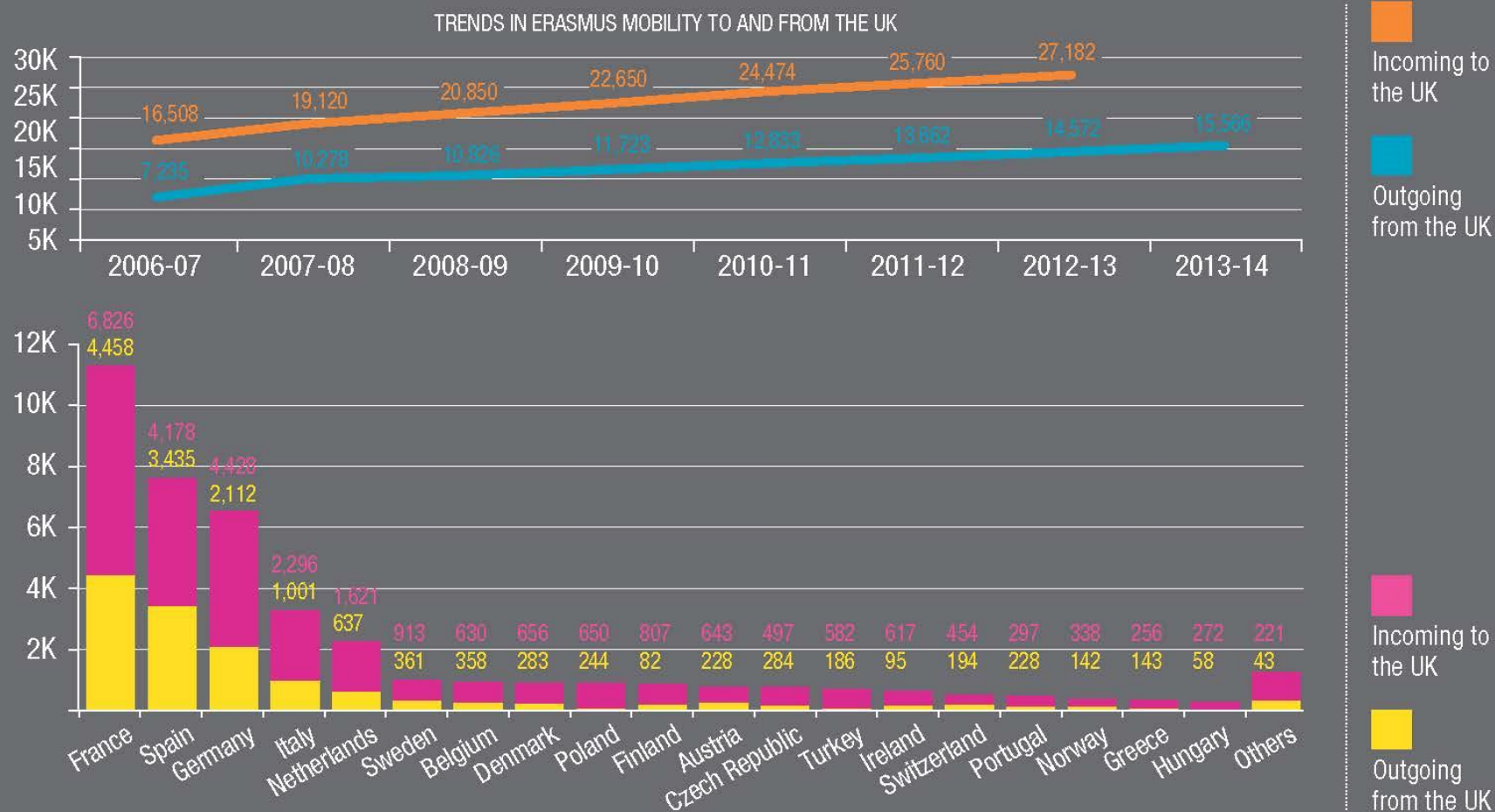




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ERASMUS MOBILITY TO AND FROM THE UK*

The number of UK students studying and working abroad under Erasmus have doubled since 2006



Source: European Commission, Erasmus Statistics (2013), British Council, Erasmus statistics (2014) *Please note 2013/14 data is not yet available on inward mobility to the UK.

UK HE: increasingly international

- 24% of all academic HE staff and 17% of students in the UK are international
- Increasing international research collaboration: 48% of articles have an international co-author
- 600,000 students currently enrolled in TNE
- 75% of UK HEIs engaged in TNE
- Second most popular destination for international students
- Non-EU fees account for 12% sector income