

DAAD

Deutscher Akademischer Austausch Dienst
German Academic Exchange Service

Graduate Education 2020

Council of Graduate Schools
Washington, December 6, 2008

Dr. Christian Bode
DAAD





DAAD-Scholarshipholder 1932 – destination USA





The unpredictable (Future)

2001



Picture: Wikipedia

2008



Picture: [M];DPA:mm.de



© Ron Edmonds/AP

2008/2009



The DAAD network worldwide





Globalisation is irreversible



(Picture: NIC)



The world gets multipolar



G 20



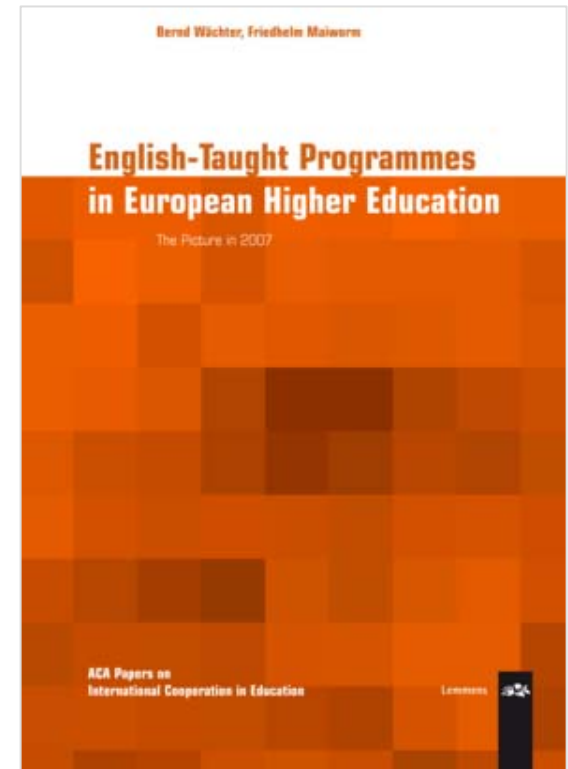
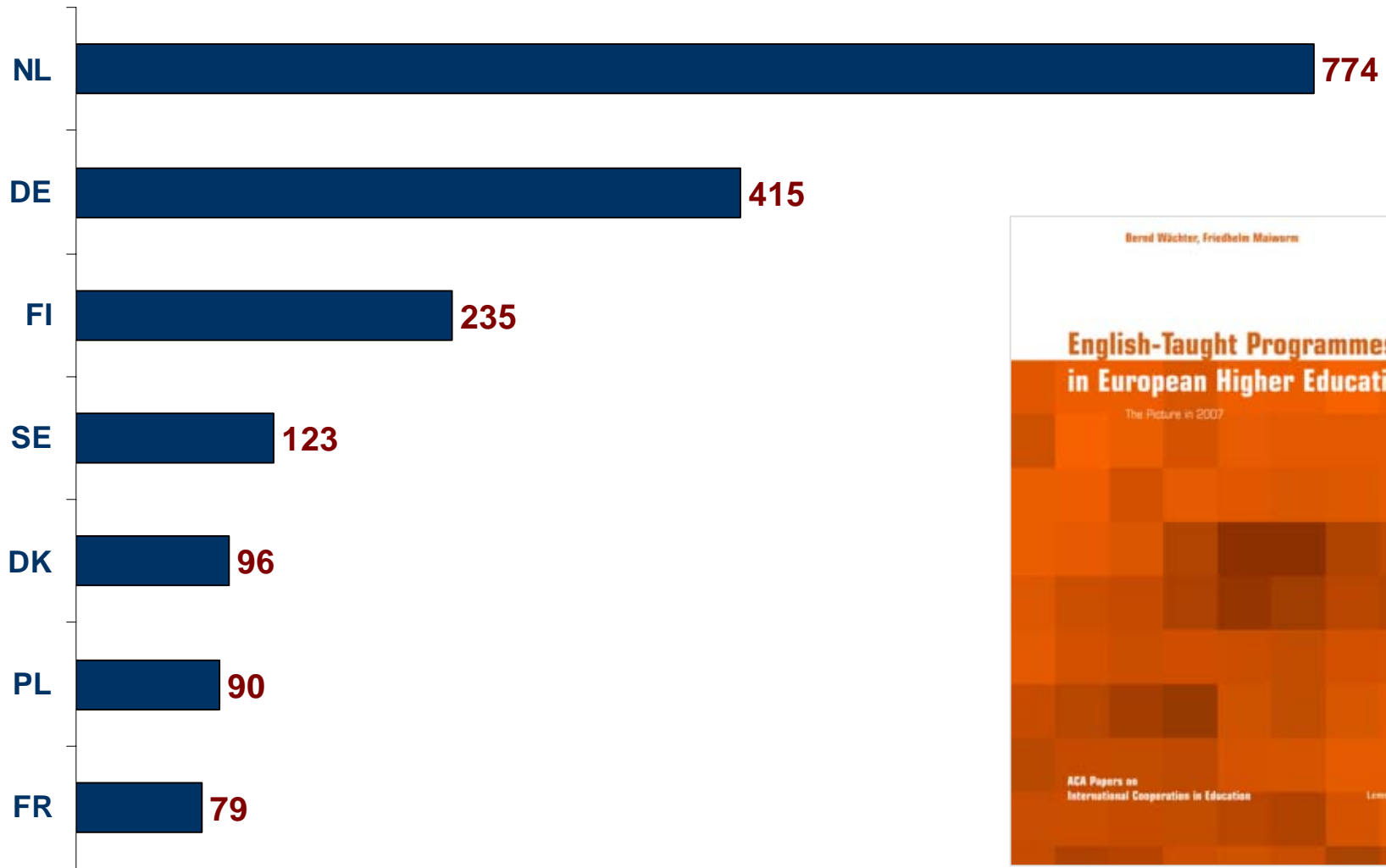
The lingua franca



C. Bode

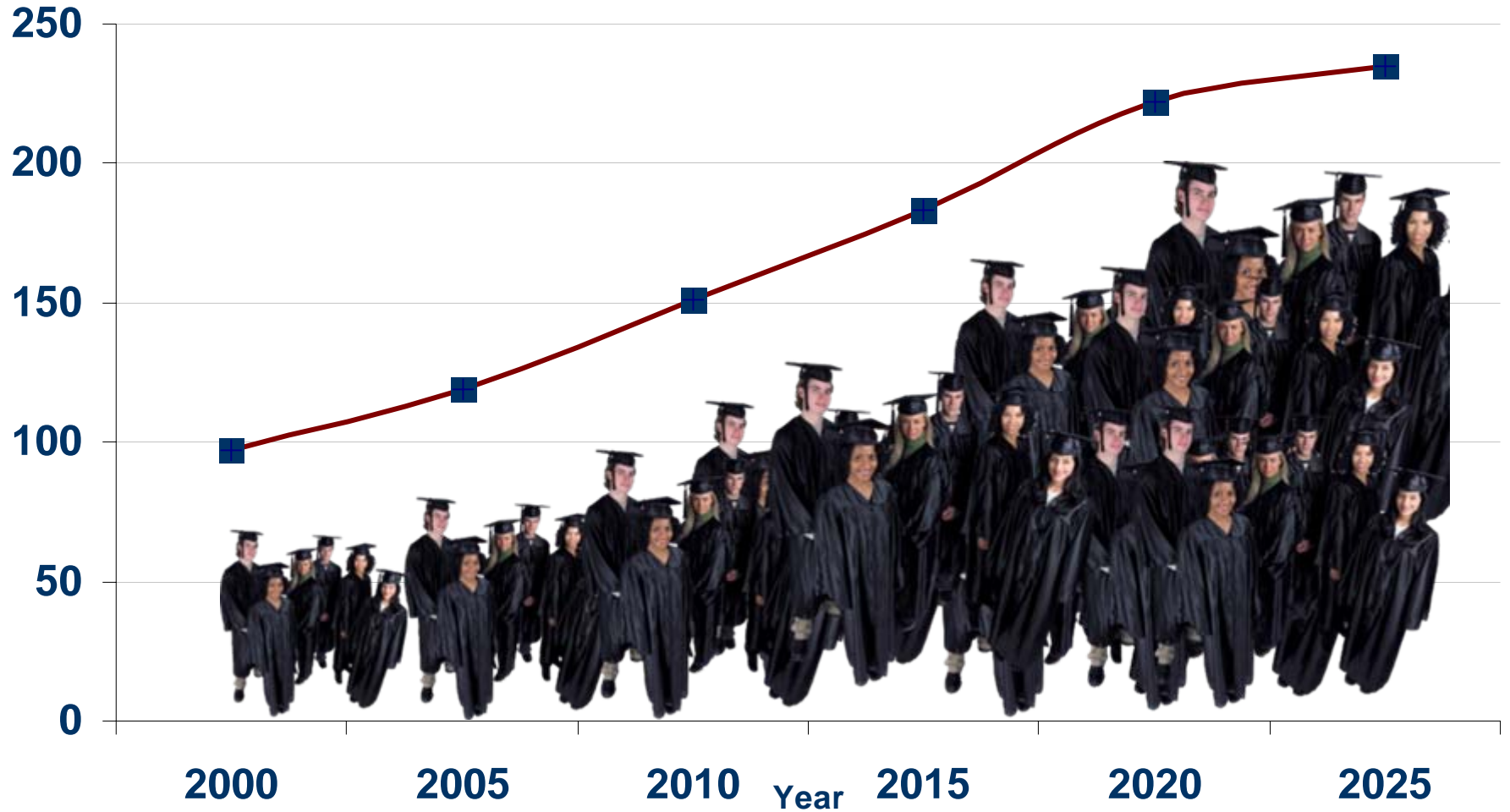


Courses taught in English





Rising student numbers





Graduate Education grows even more

- 1. H. E. Expansion: Need for new professors**
- 2. Demand from outside the universities**
- 3. State policies and programs**



Growing war on talents





The demographic challenge

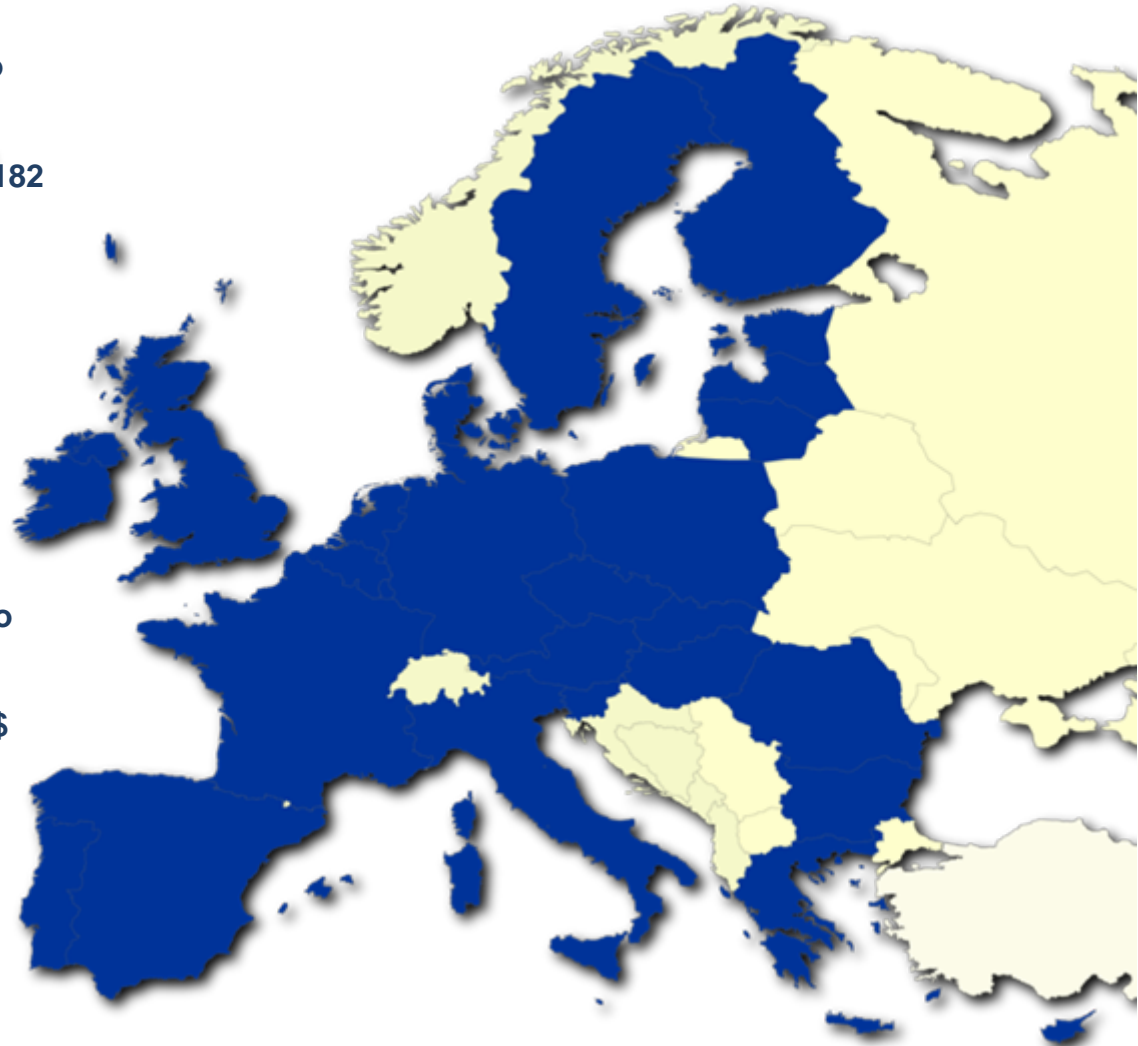


Picture: PH Freiburg



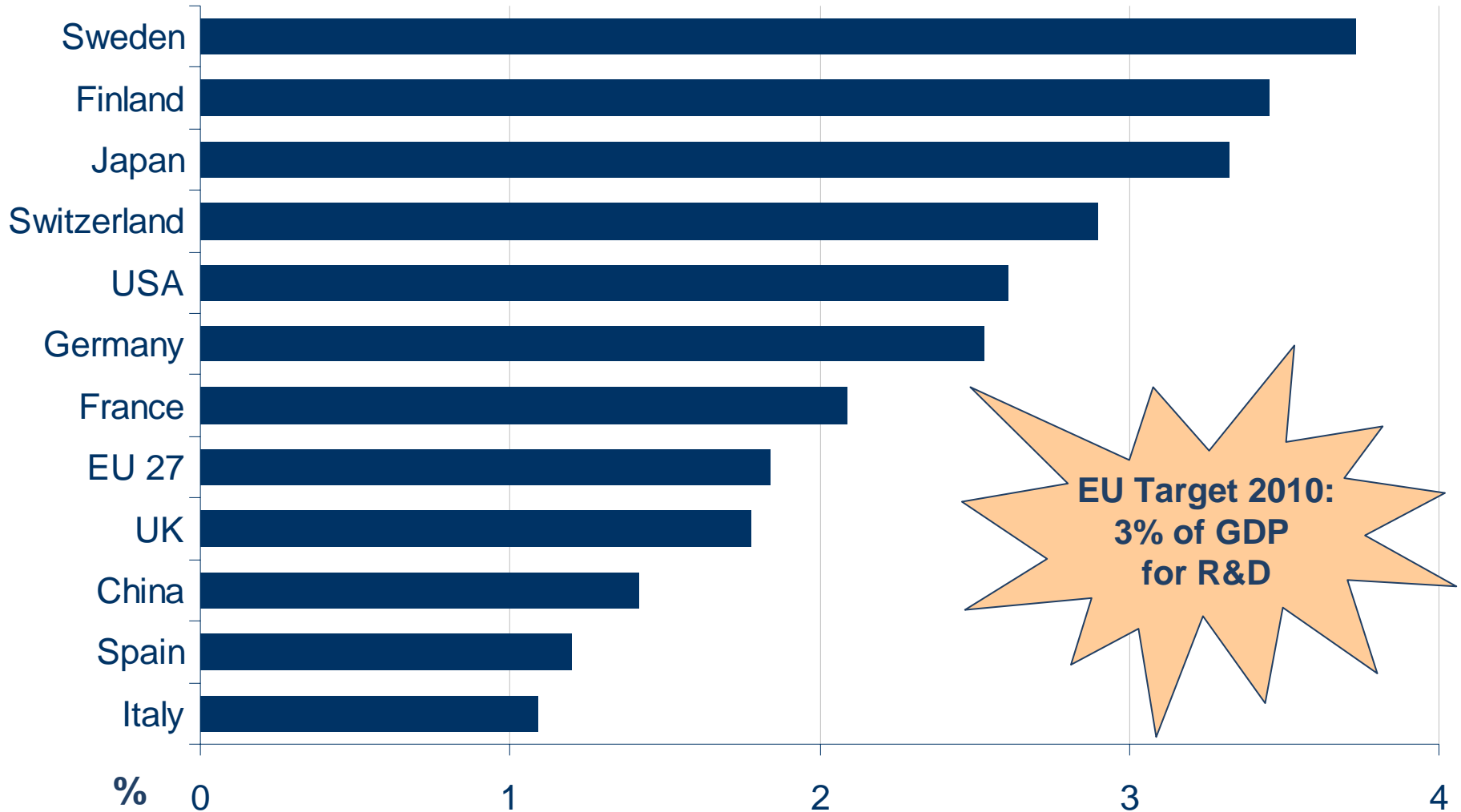
The „Old“ and the New Europe(an Union)

Population	493 mio
GNP per capita \$	34.138
Students	16.887.182
H.E.I.	4.000
Shanghai ranking	194
Researchers p. 1.000 persons (2001)	5,7
Graduates Engineering per year	325.000
Patents	60.451
Publications in science	0,72
International students	1.34 mio
Asian students	231.849
Expenditure p.A. per student	24.400 \$
Public Expenditure in H.E. as % GNP	2,3





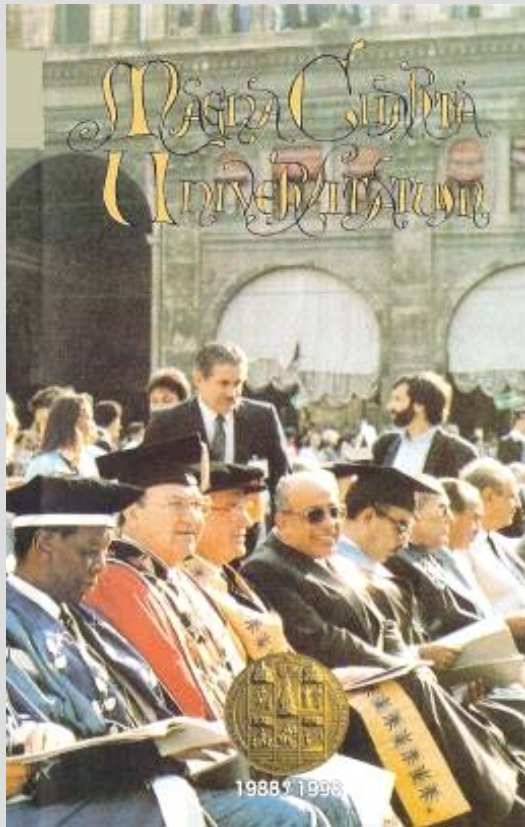
Proportion of R&D expenditure relative to GDP (2006)





„Two Bolognas“ – Two worlds

Bologna 1989



Bologna Magna Charta

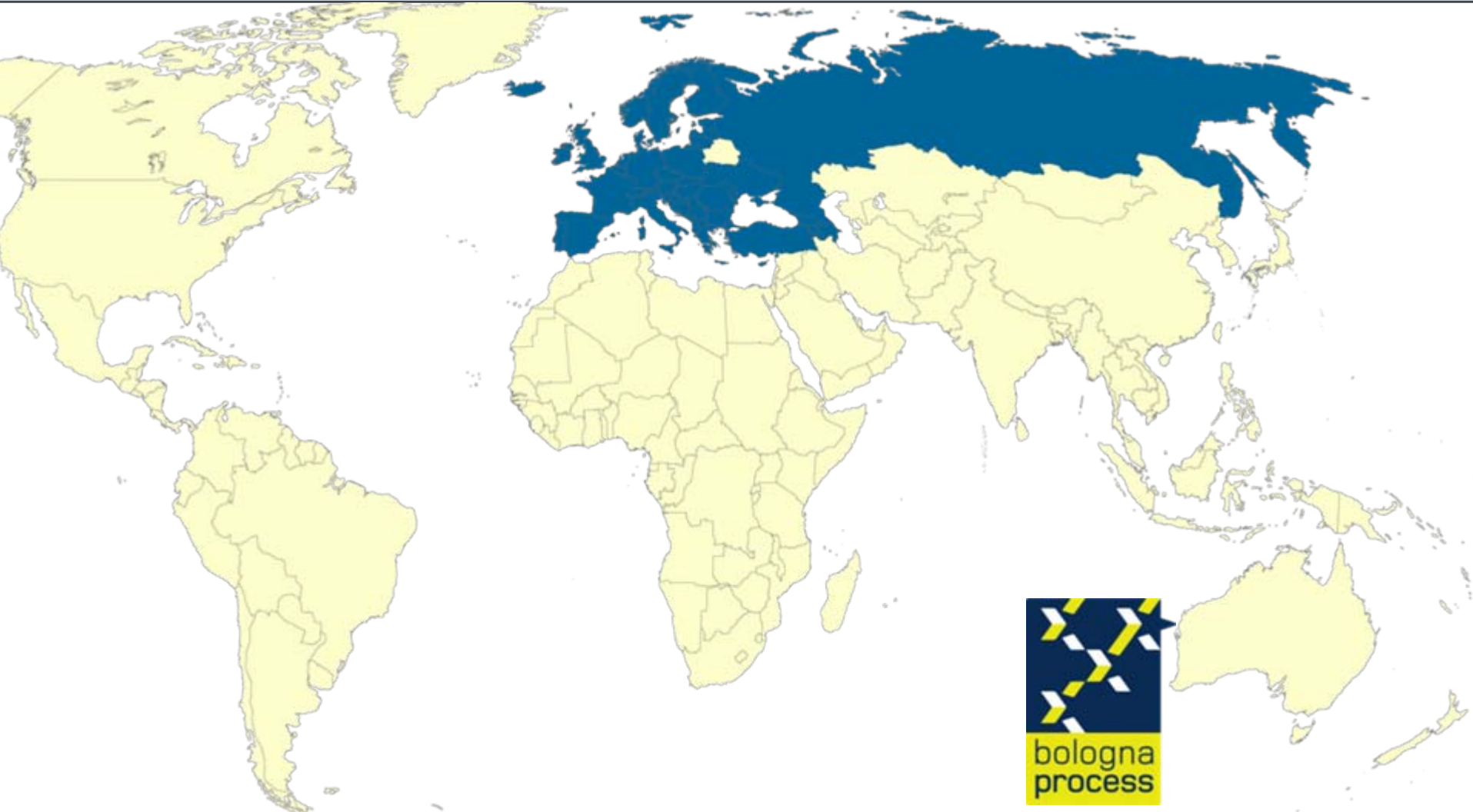
Berlin 2003



Bologna Ministers' Conference



Bologna after 2010: Who is next?





EU-ERASMUS-Program

2005

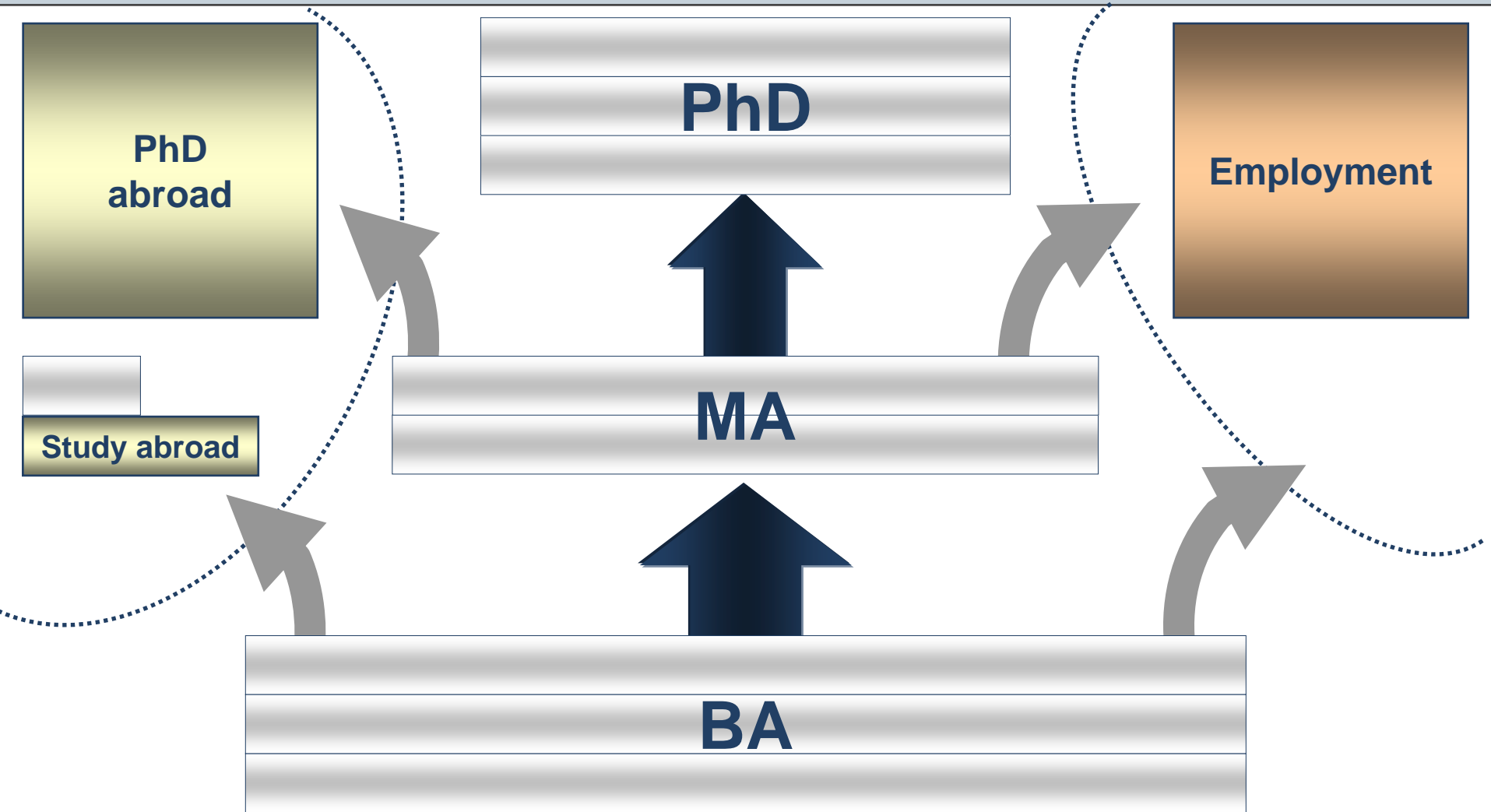


2012





The European Bologna Structure





Double/joint degree courses „en vogue“

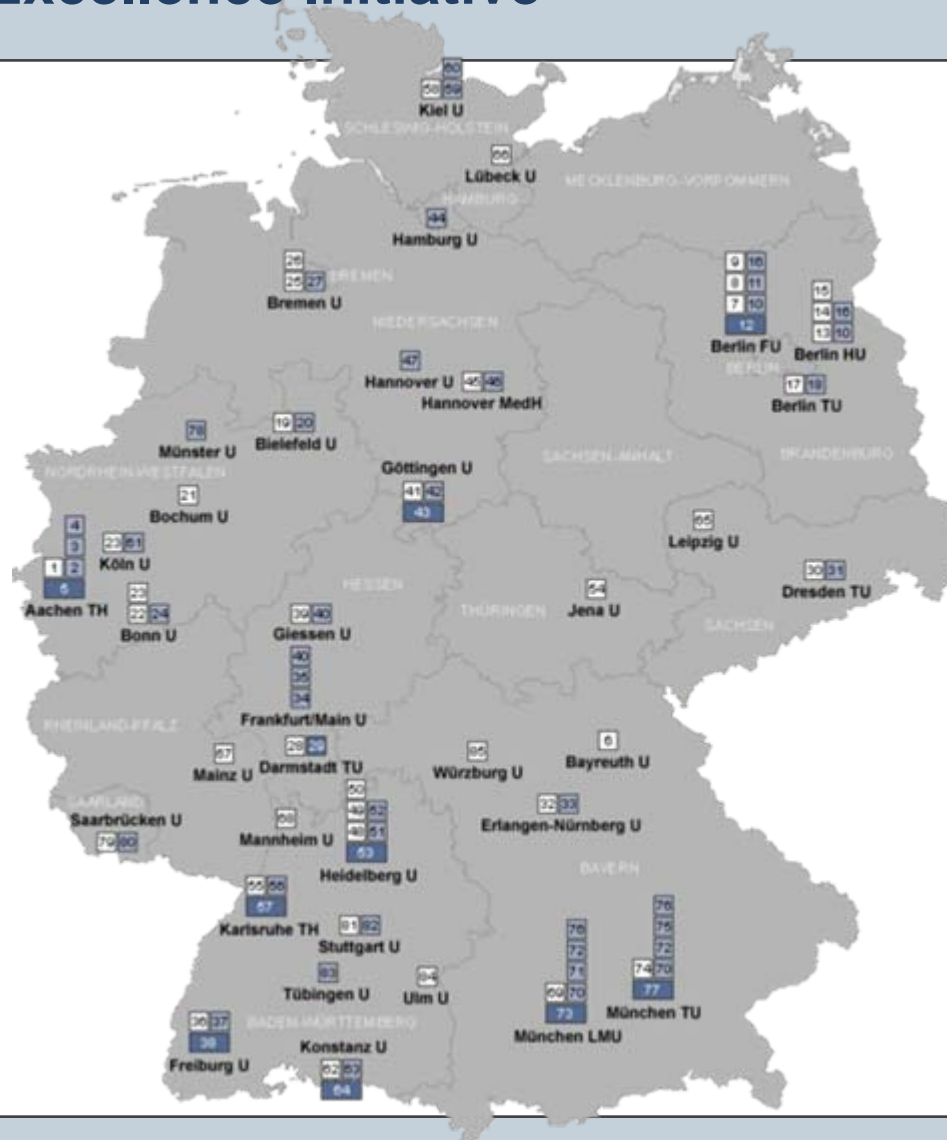


GD Bildung und Kultur

ERASMUS MUNDUS



The German “Excellence Initiative”



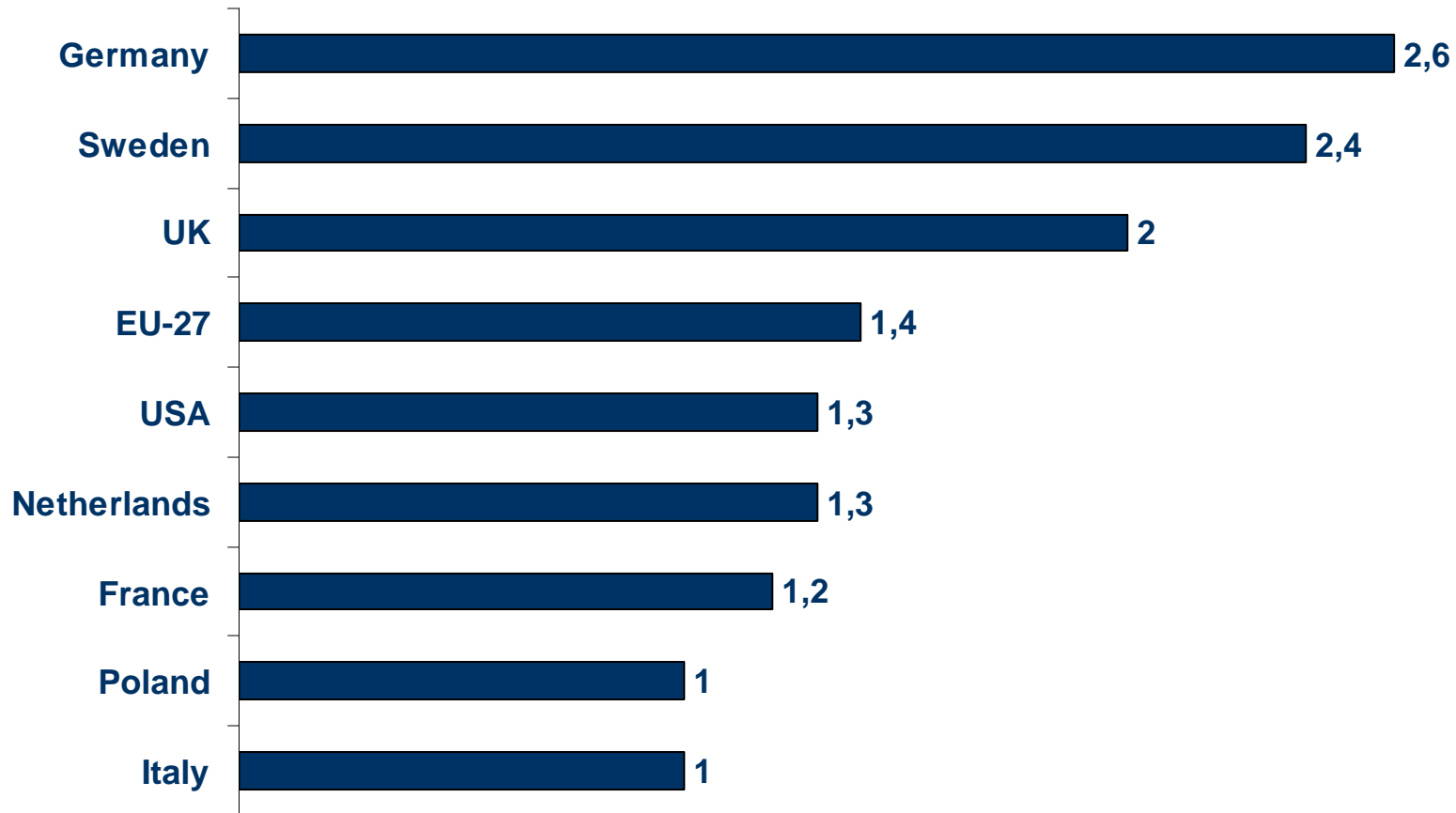


The (European) Doctorate





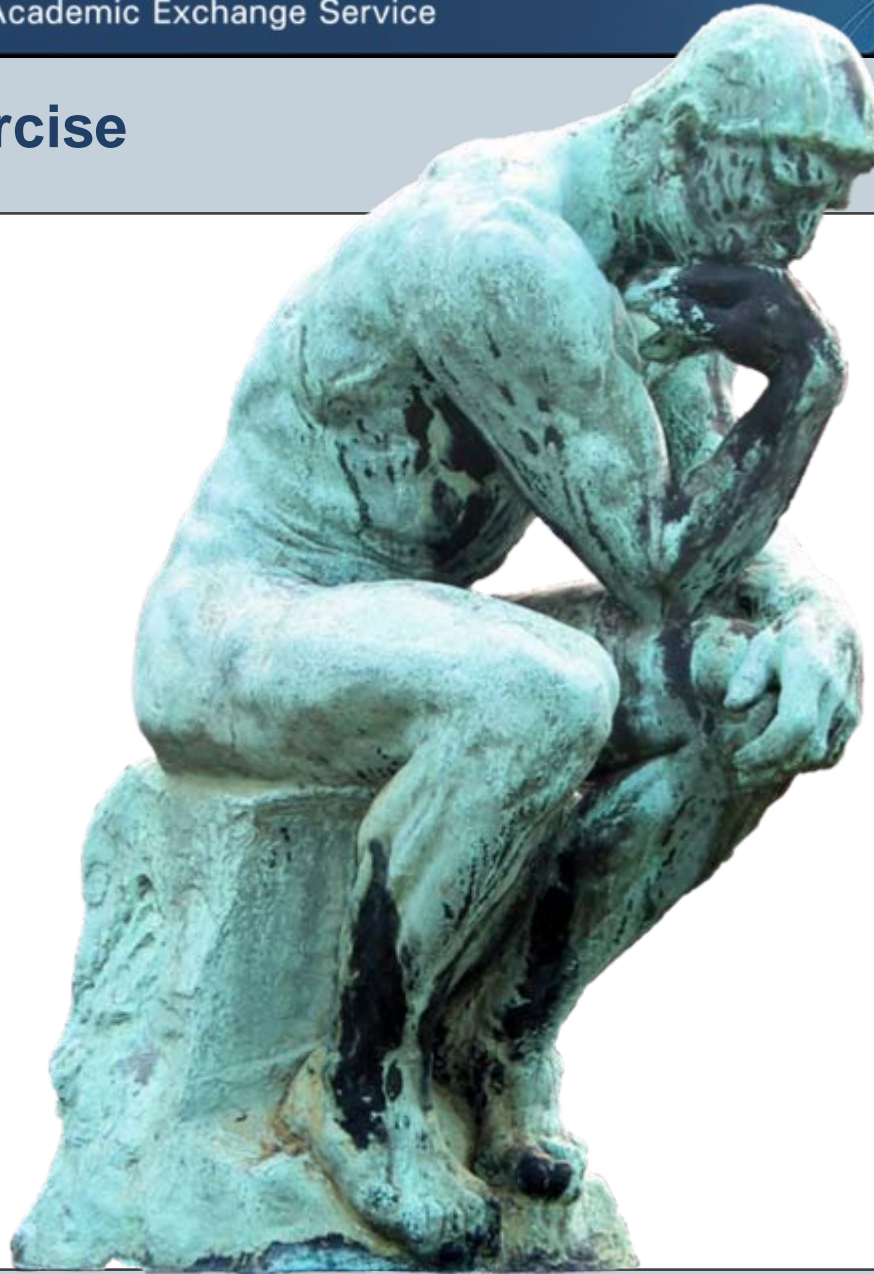
PhD per capita



Total PhD's per 1.000 of the population in the age groupe 25 to 34



The doctoral exercise





Doctoral Networks

Tri-national graduate School „Founding myths of Europe“ (Bonn, Paris, Florence)





The Future of Transatlantic Cooperation

