Going Global 4

Opening Session: World Potential

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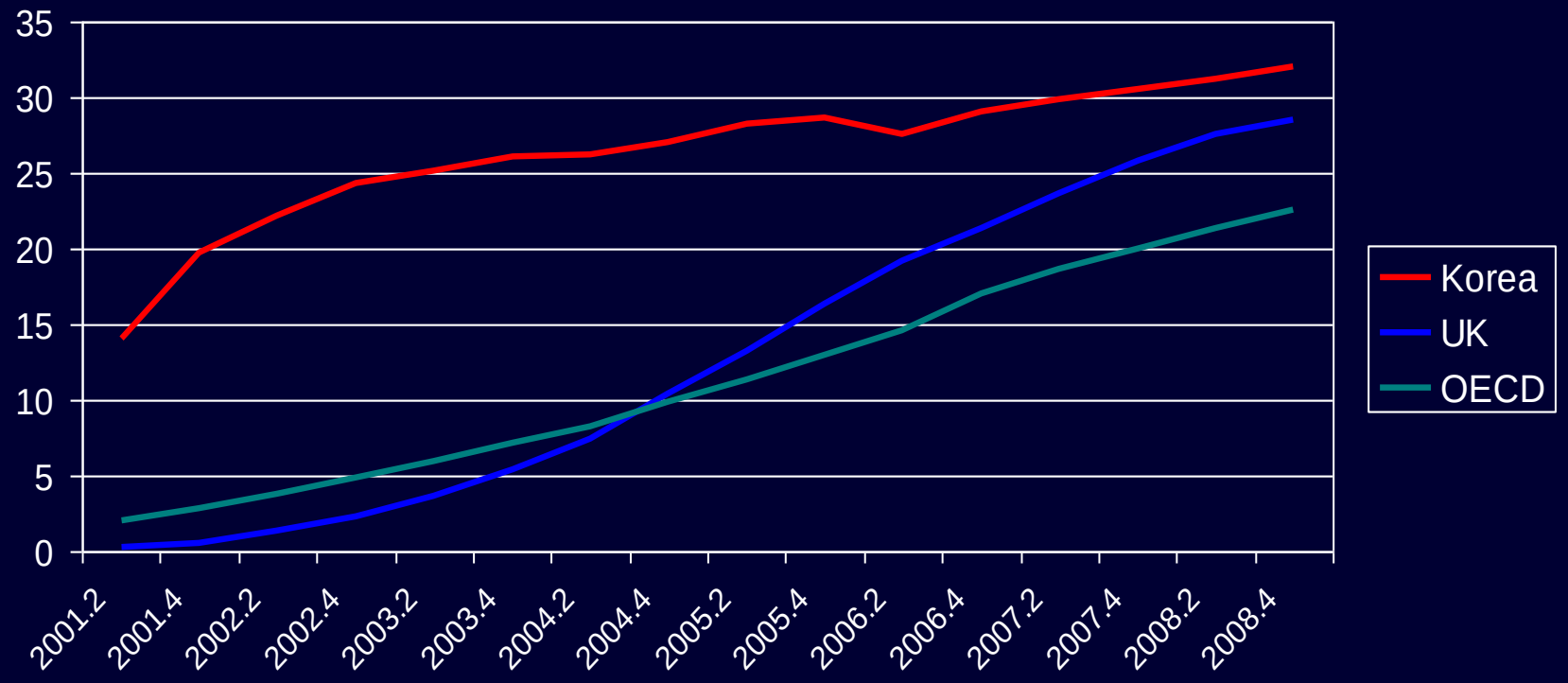
Globalization is “the widening, deepening and speeding up of interconnectedness on a world-wide scale”

~ David Held, et al., *Global Transformations,* p. 2

Broadband access: proportion of population (%)



Clark Kerr

The central role of knowledge

‘The basic reality, for the university, is the widespread recognition that new knowledge is the most important factor in economic and social growth. We are just now perceiving that the university’s invisible product, knowledge, may be the most powerful single element in our culture, affecting the rise and fall of professions and even of social classes, of regions and even of nations’.

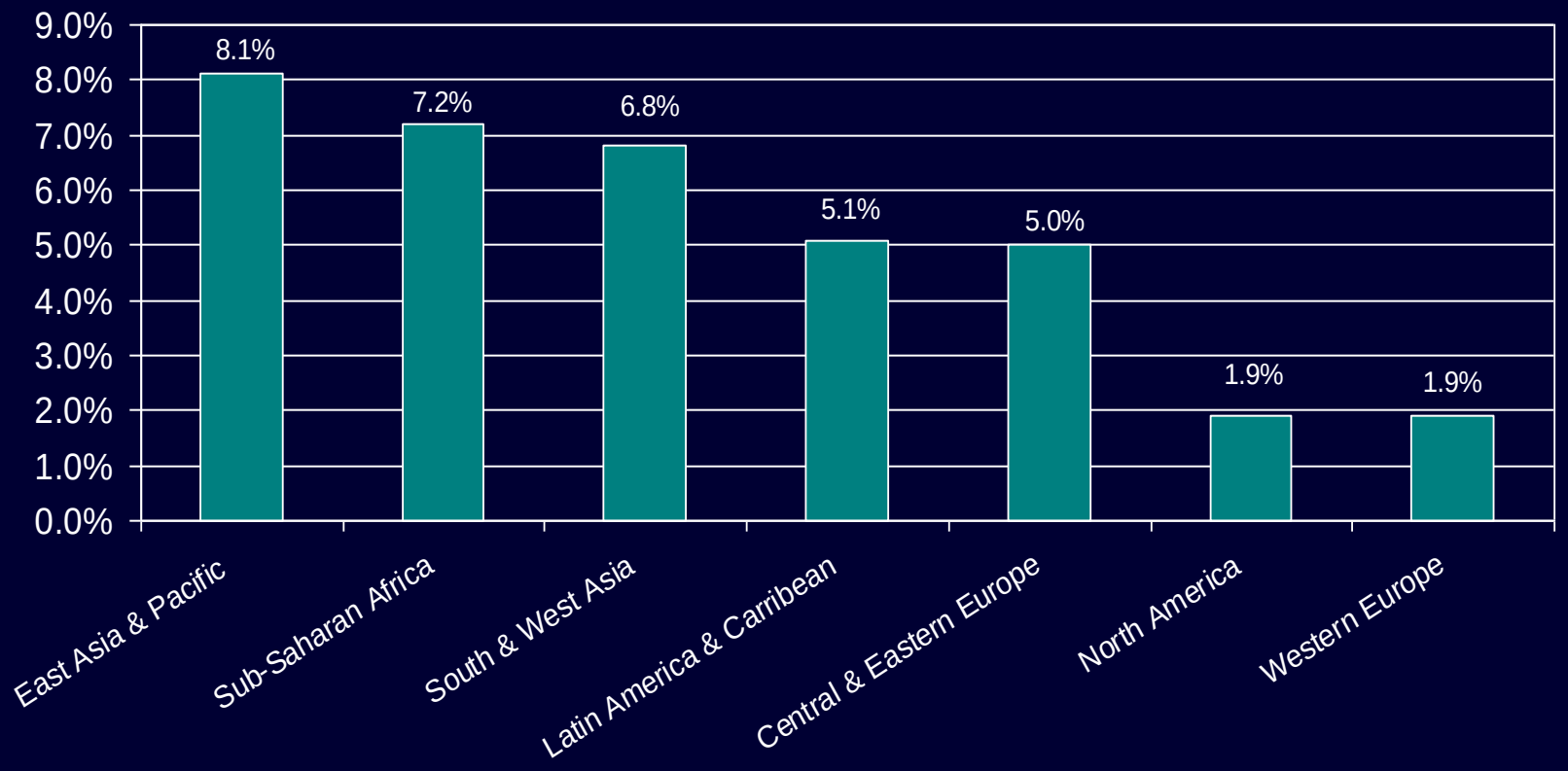
~ Clark Kerr, *The Uses of the University*, 1963 (2001), p. xii

‘Development as freedom’: Amartya Sen

Human capability formed in broadly accessible systems of education, is key to both productivity advance and democratic human agency

Amartya Sen

Annual rate of growth of tertiary enrolments, 1991-2004 UNESCO



A new kind of higher education institution: The Global Research University

Global public goods are

(1) goods that have a significant element of non-rivalry and/or non-excludability, *and*

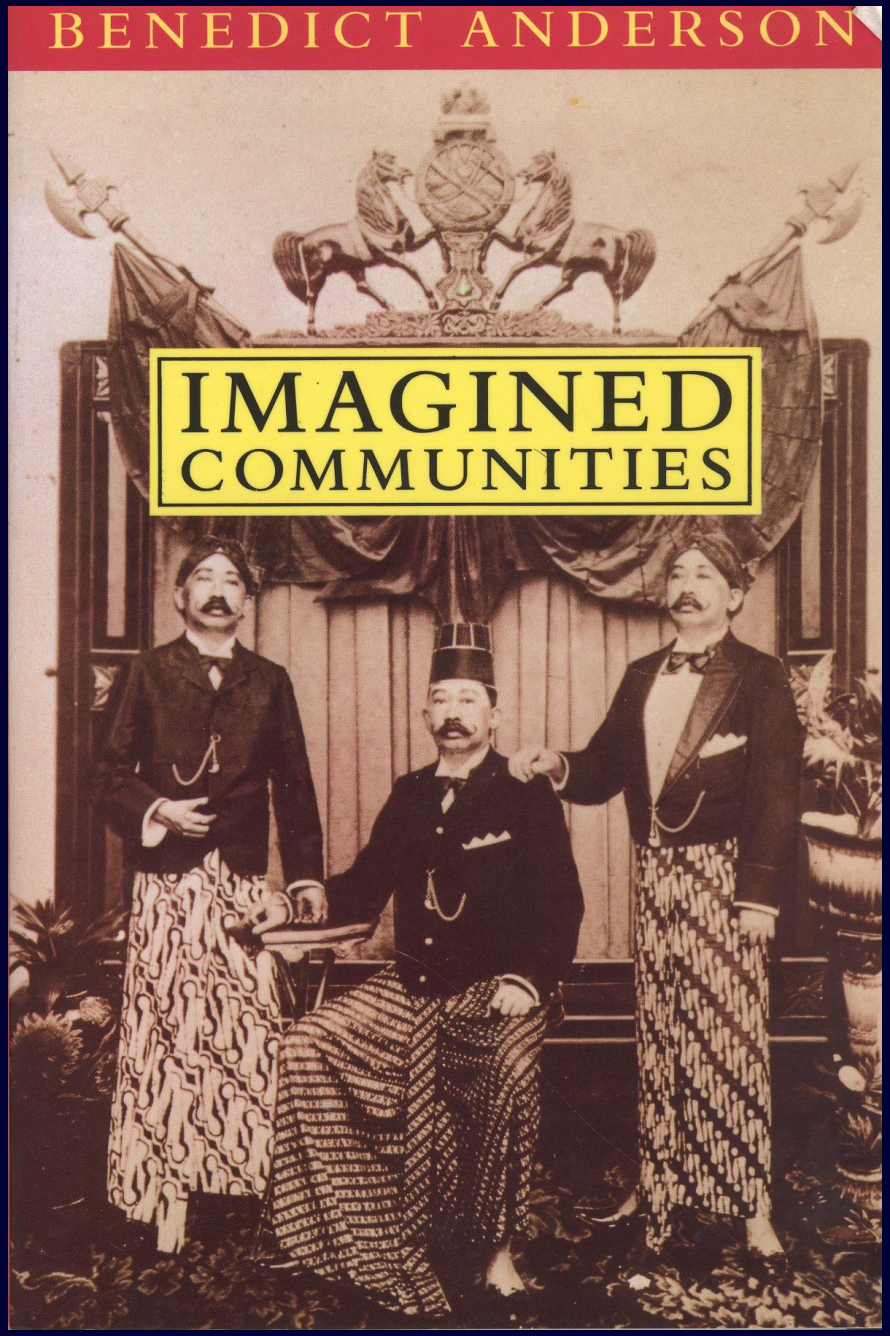
(2) goods that are made broadly available across populations on a global scale. They affect more than one group of countries, they are broadly available within countries, and they are inter-generational; that is, they meet needs in the present generation without jeopardising future generations

(e.g. basic research)

~ Inge Kaul et al. *Global Public Goods*, 1999, pp. 2-3.

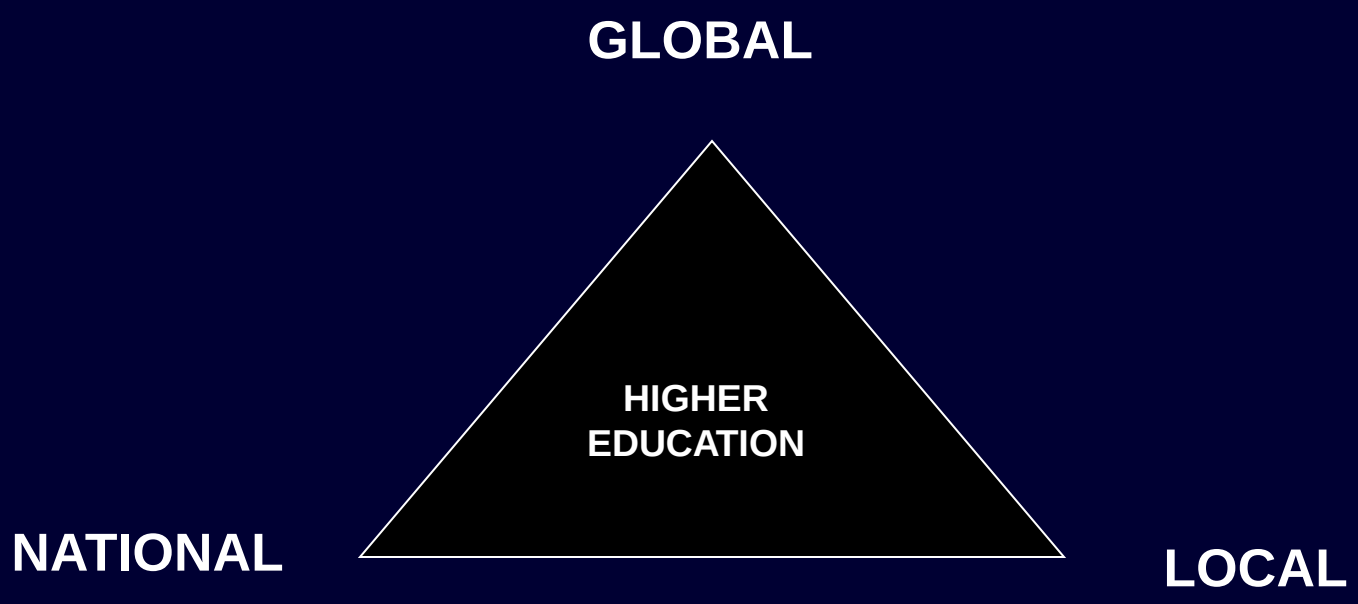
‘The state… must therefore seek to maintain intellectual activity at its liveliest and most productive level… The state must always remain conscious of the fact that it never has and in principle never can, by its own action, bring about the fruitfulness of intellectual activity. It must indeed be aware that it can only have a prejudicial influence if it intervenes. The state must understand that intellectual work will go on infinitely better if it does not intrude’.

~ Wilhelm von Humboldt, Berlin,1809, p. 244.

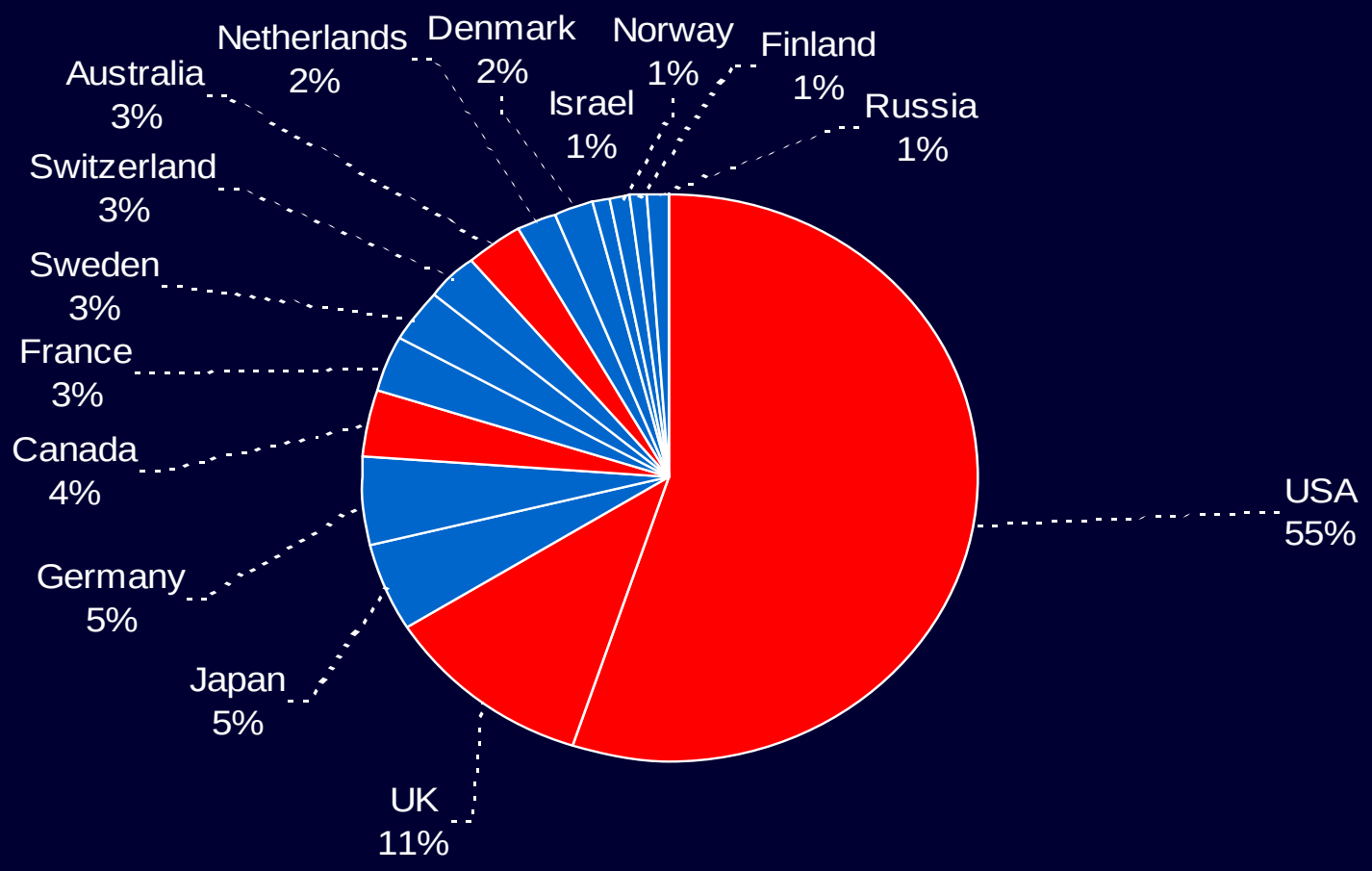

BENEDICT ANDERSON
IMAGINED
COMMUNITIES

Nation-states are still the site of policy

Universities must operate in three dimensions at the same time



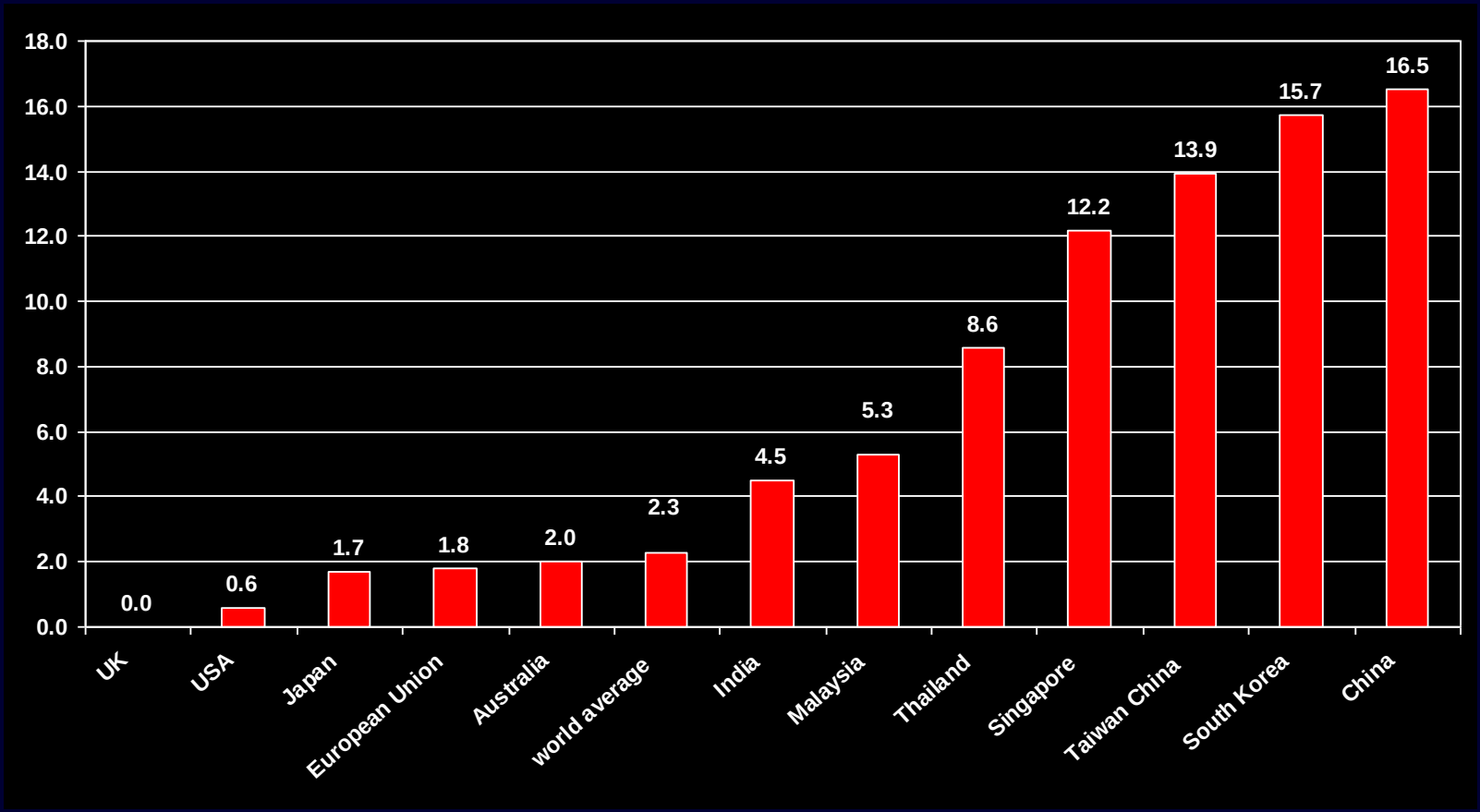
Shanghai Jiao Tong top 100 2009



Rise of Asia-Pacific

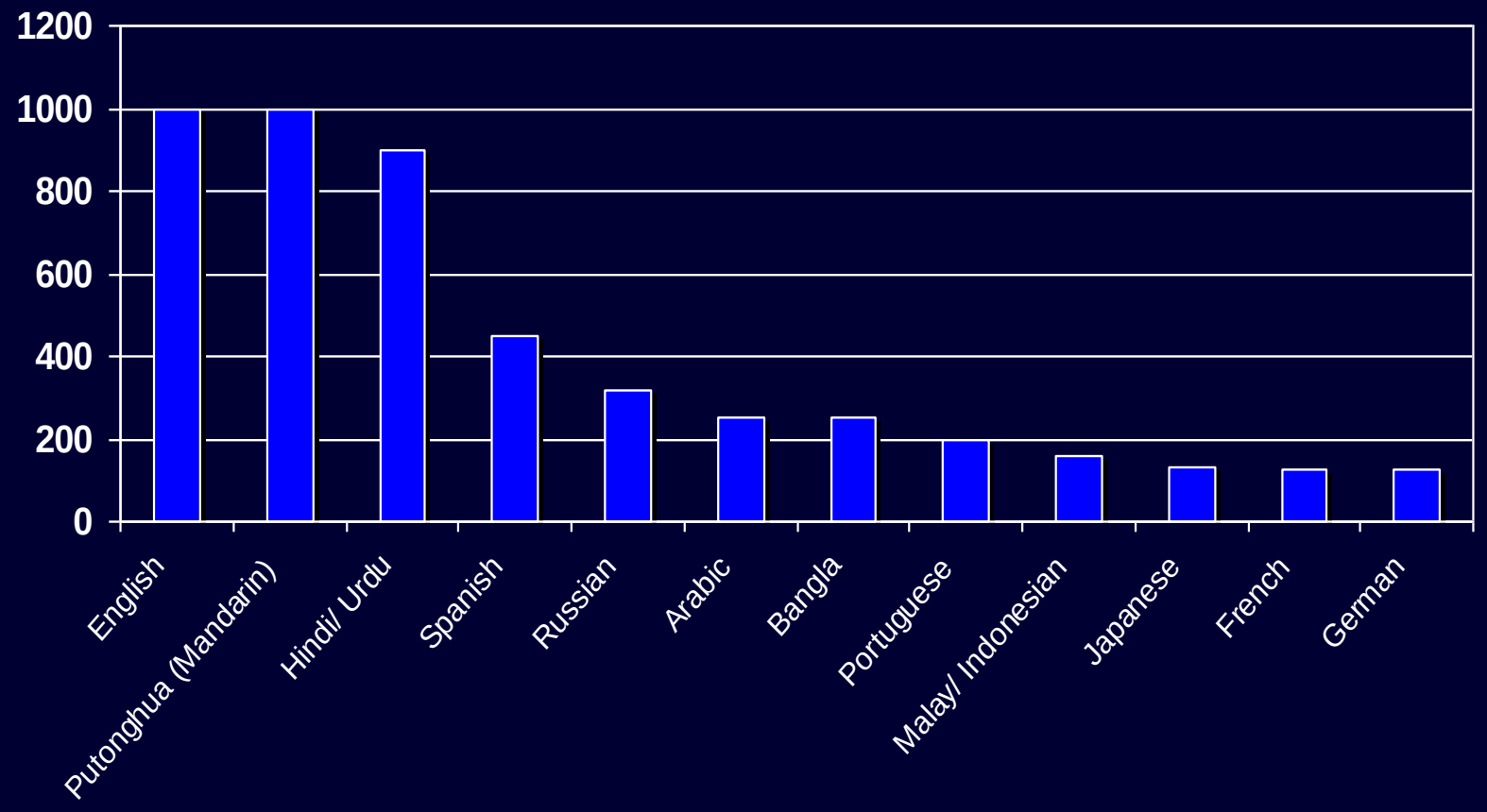
Average annual growth of science papers in English, 1995-2005 (%)

US National Science Bureau data, 2008

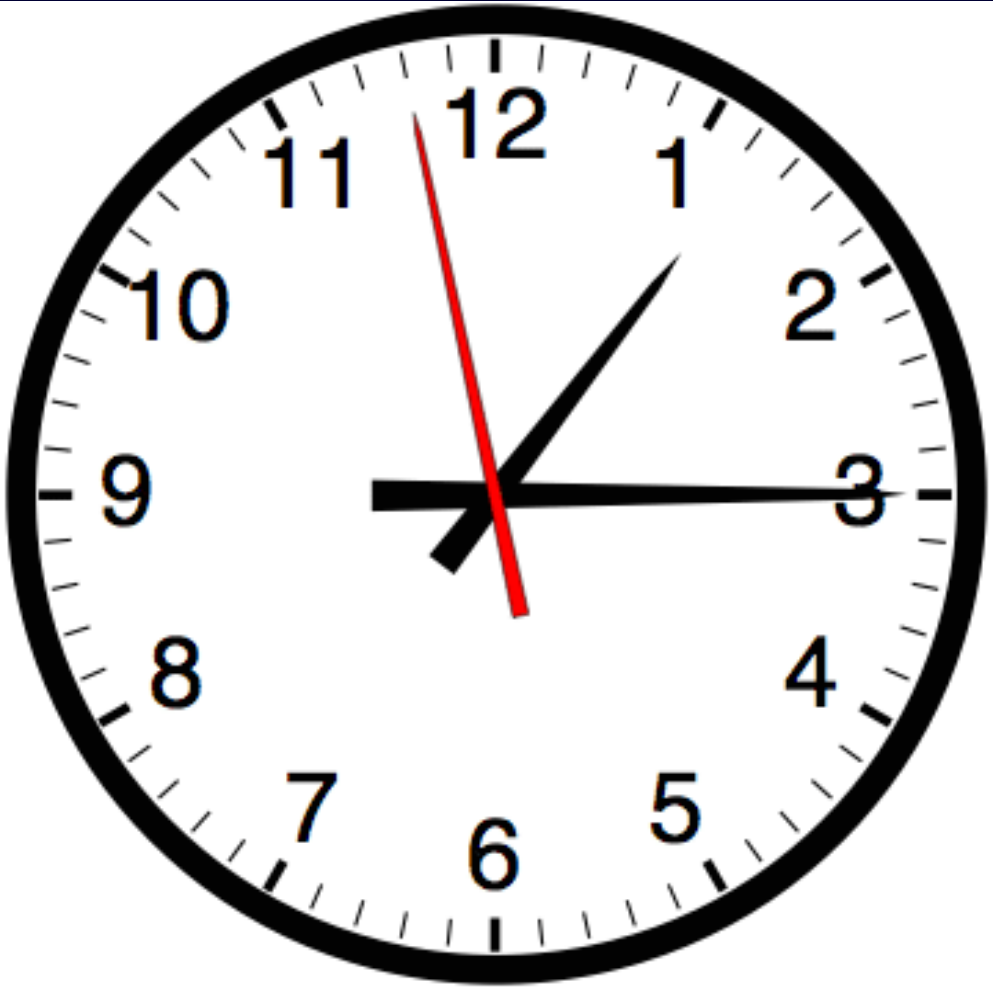


Languages with 100 million speakers or more

Linguasphere data, 2006



MIND THE GAP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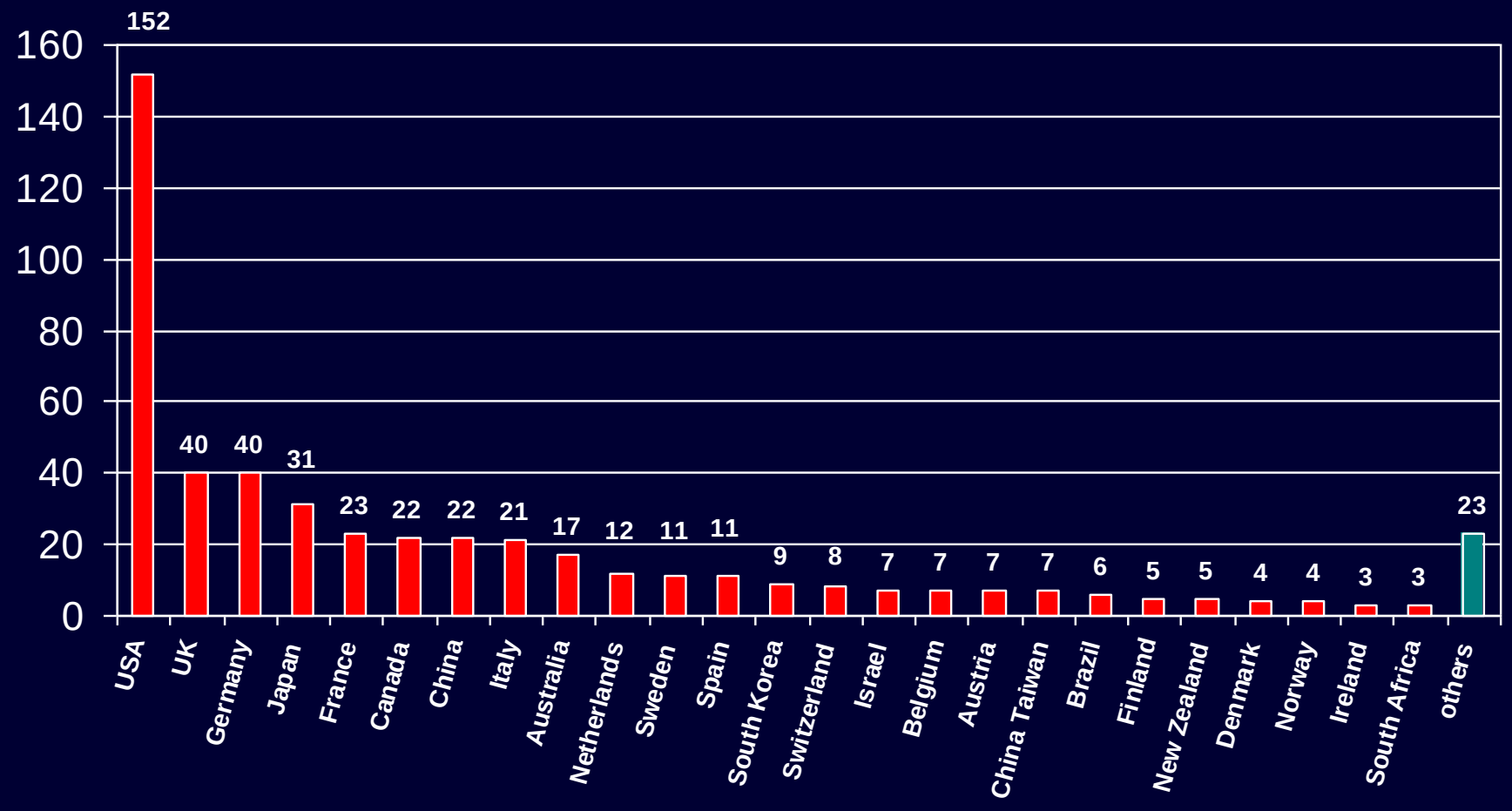
Shanghai Jiao Tong University top 500 (2009)



Change is coming.