DYNREG

CITIZENS AND GOVERNANCE IN A KNOWLEDGE-BASED SOCIETY

Dynamic Regions in a Knowledge-Driven Global Economy: Lessons and Implications for the European Union - DYNREG

Final Conference
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How well are the EU countries prepared to cope with new globalisation challenges?

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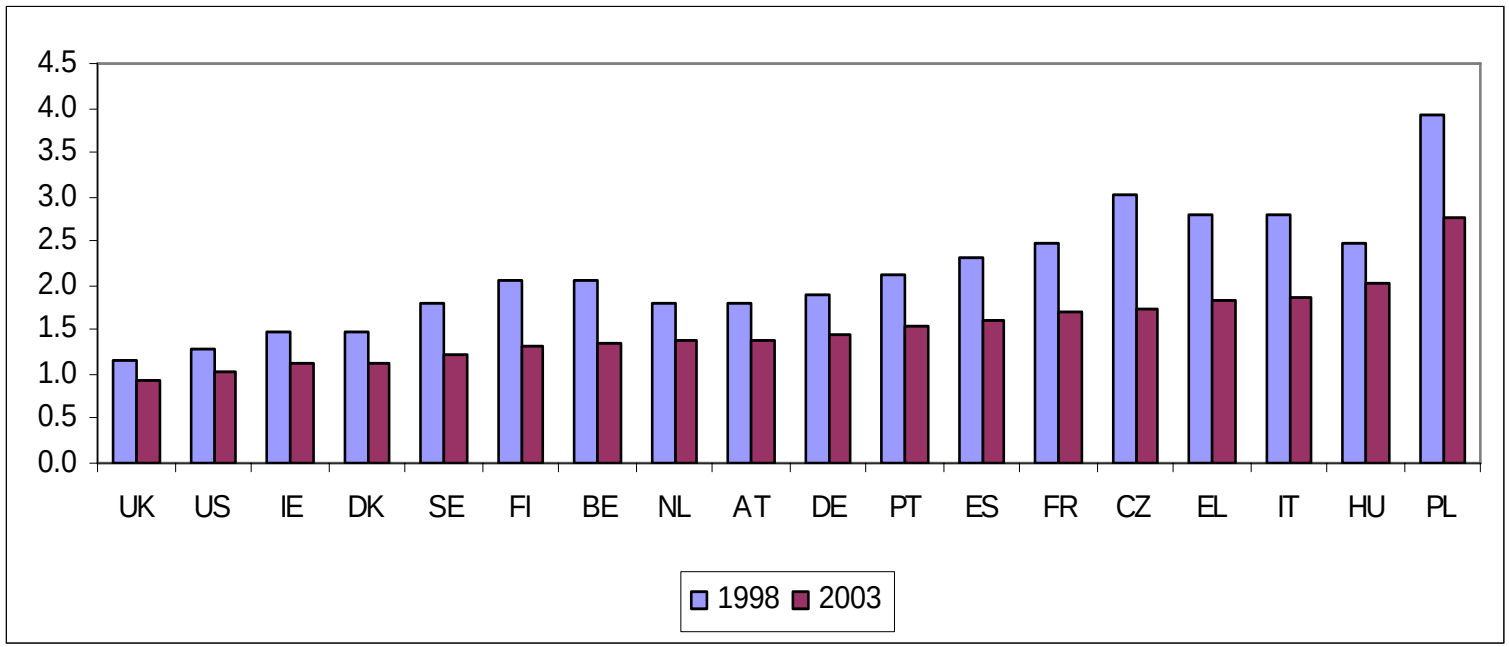
New Globalisation Challenges

- Intensification of competition from low-wage countries, between workers performing similar tasks
- Cost-induced and ICT-enabled acceleration of re-location of production driven by multinational enterprises
- The new competitors have comparative advantages in a wide number of industries (China) and in high-value added services (India)

How well are the EU countries prepared to cope with the new globalisation challenges?

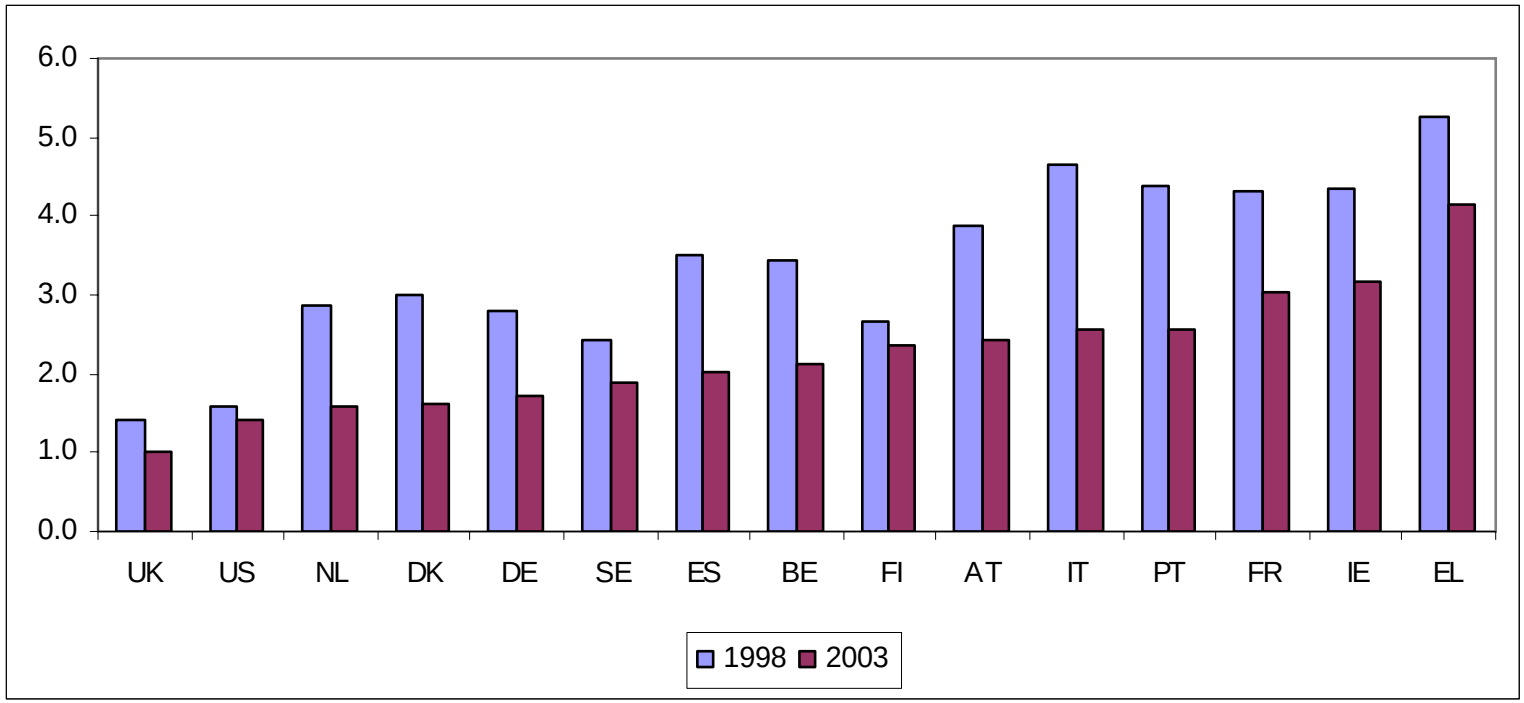
- Regulatory framework
- Labour market flexibility
- R&D and investment in knowledge
- Human resources in science and technology
- Innovation policy
- Innovation performance

Flexibility of product markets has increased…



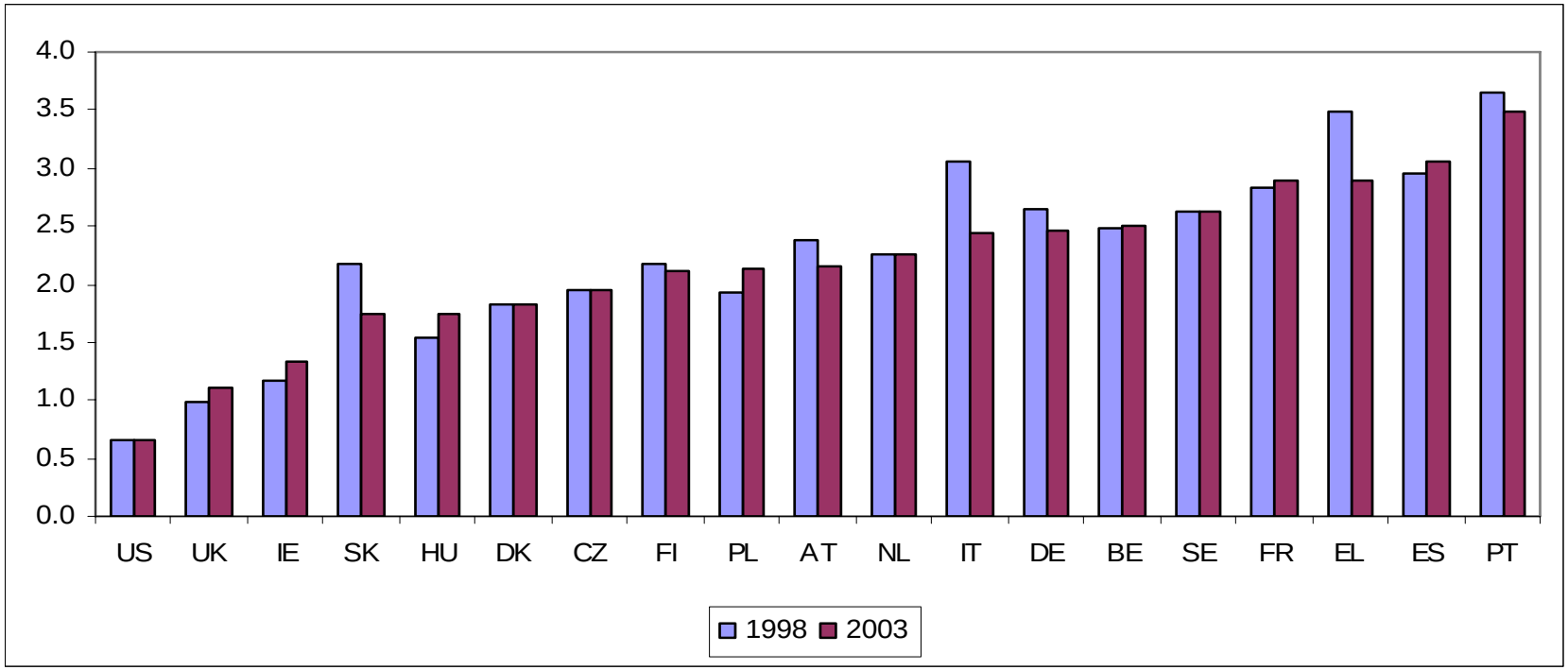
Source: Own elaboration based on OECD, Product Market Regulation database

Product market regulation in network industries (airlines, telecoms, electricity, gas, post, rail, road freight)



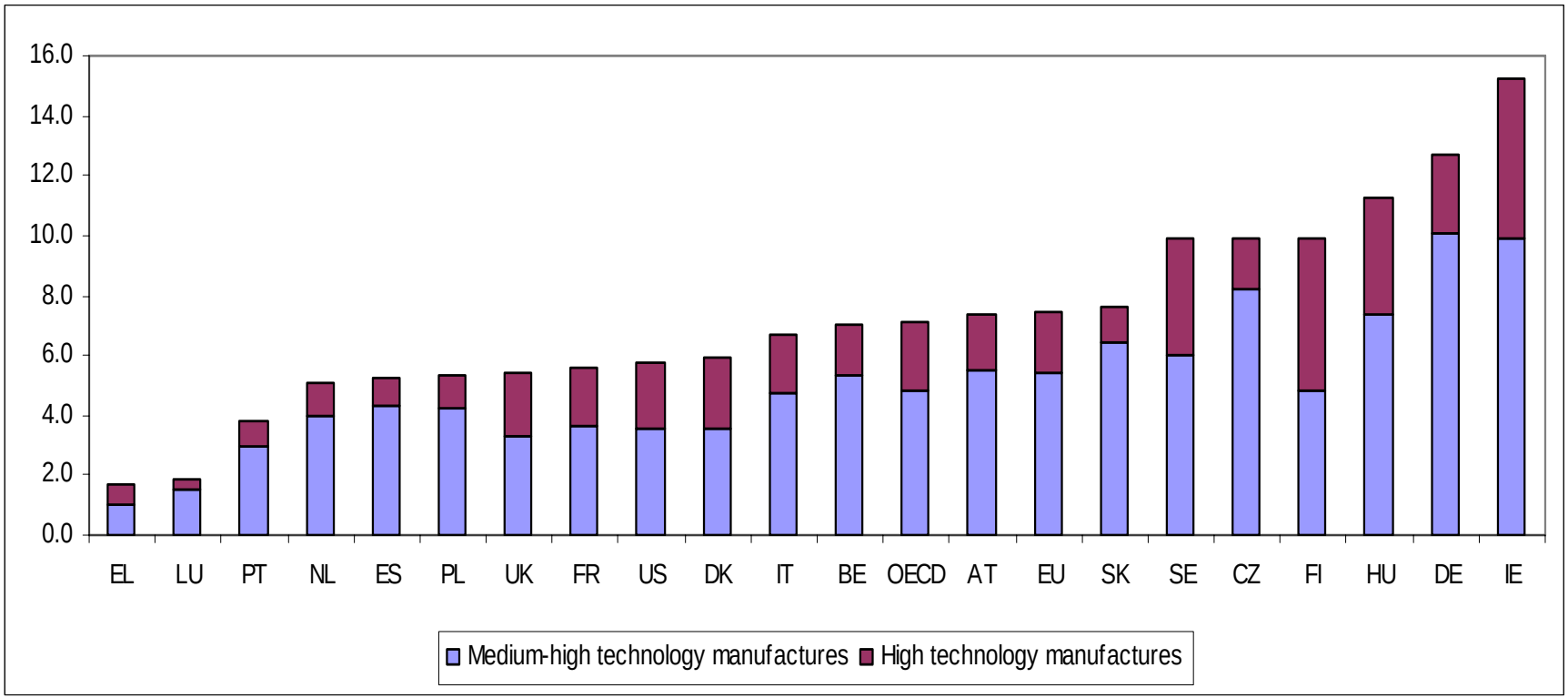
Source: Own elaboration based on Conway, P. and G. Nicoletti (2006), "Product market regulation in non-manufacturing sectors in OECD countries: measurement and highlights", *OECD Economics Department Working Paper*, No. 530

Labour market flexibility: EPL strictness



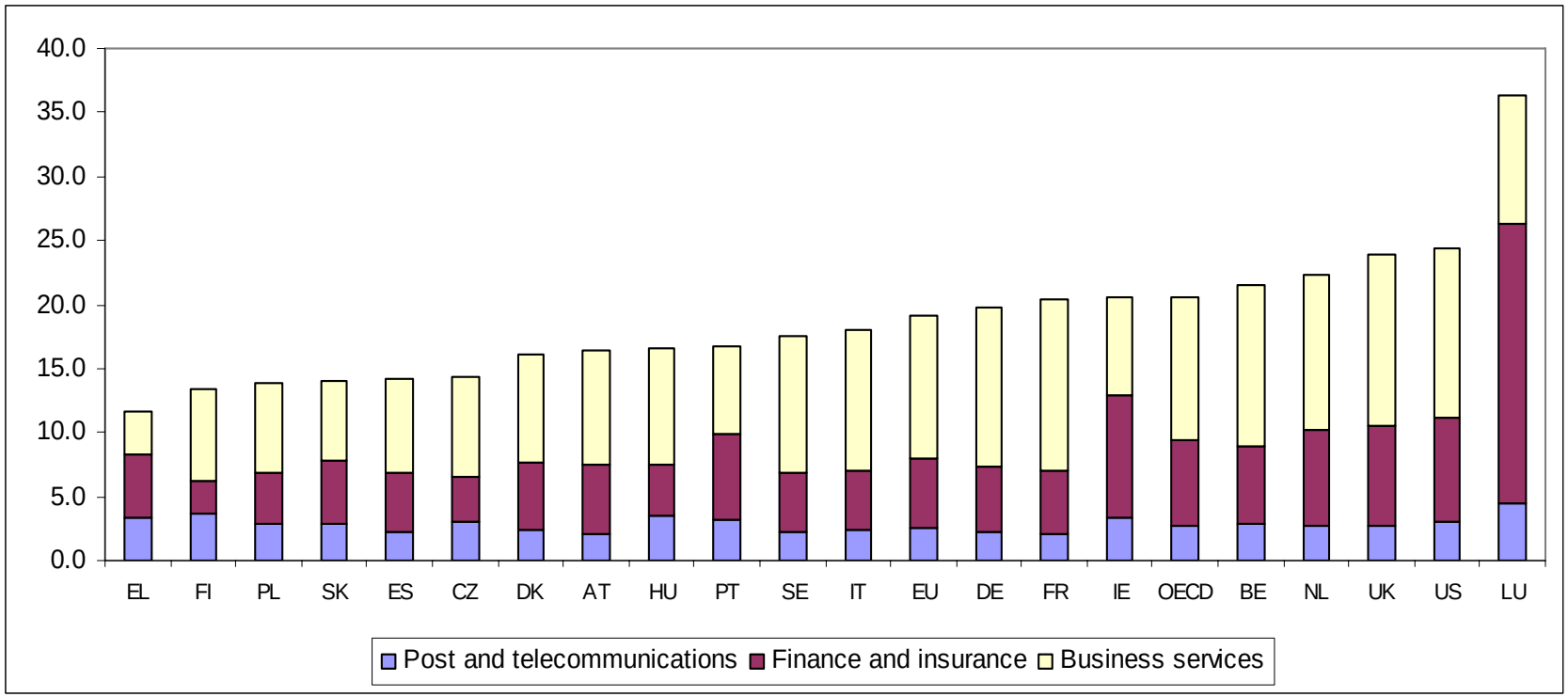
Source: Own elaboration based on OECD Employment Outlook, Paris: OECD, 2004

Leading producers of high-technology goods



Source: Own elaboration based on OECD Science, Technology, and Industry Scoreboard 2007

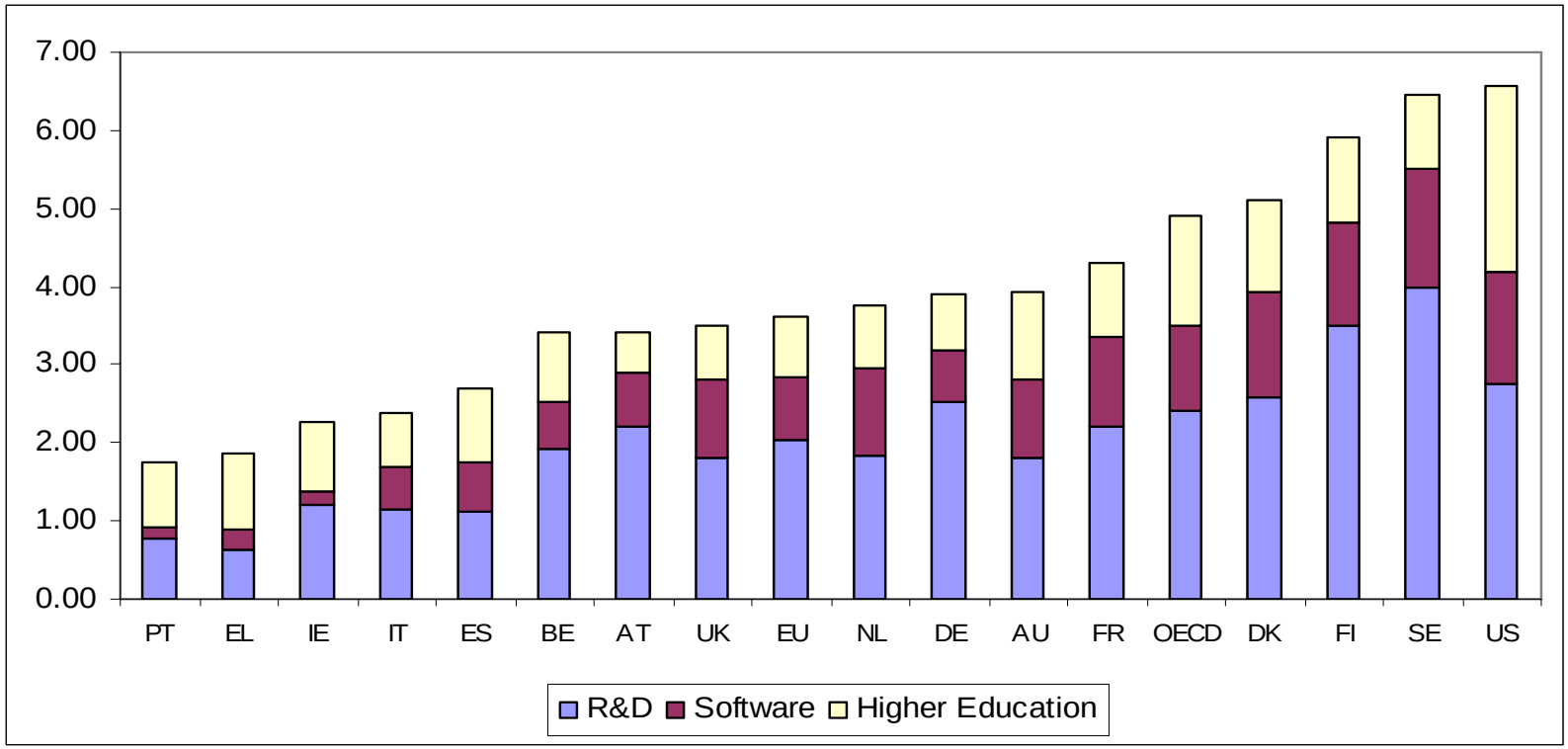
Intensive users of high technology



Source: Own elaboration based on OECD Science, Technology, and Industry Scoreboard 2007

Investment in knowledge,

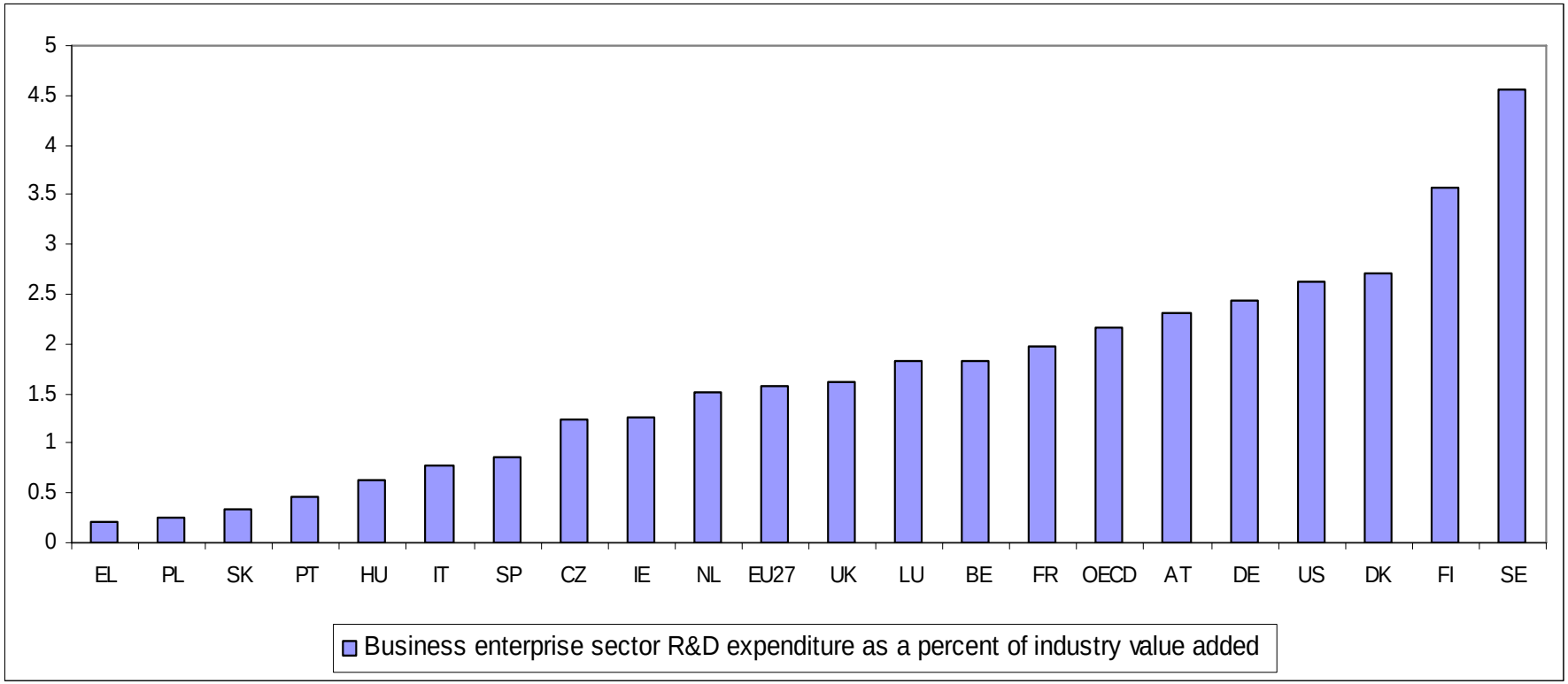
% of GDP



Source: Own elaborations based on OECD Science, Technology, and Industry Scoreboard 2007

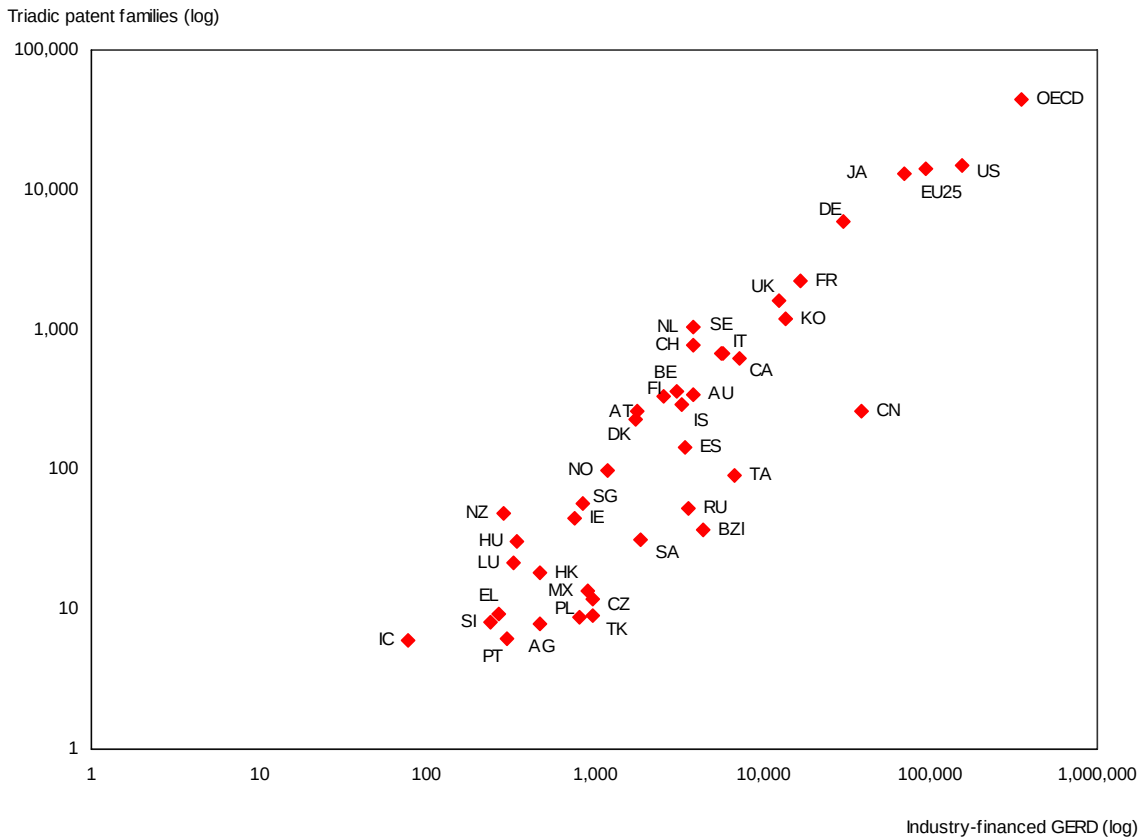
Business enterprise R&D expenditure

percent of industry value added



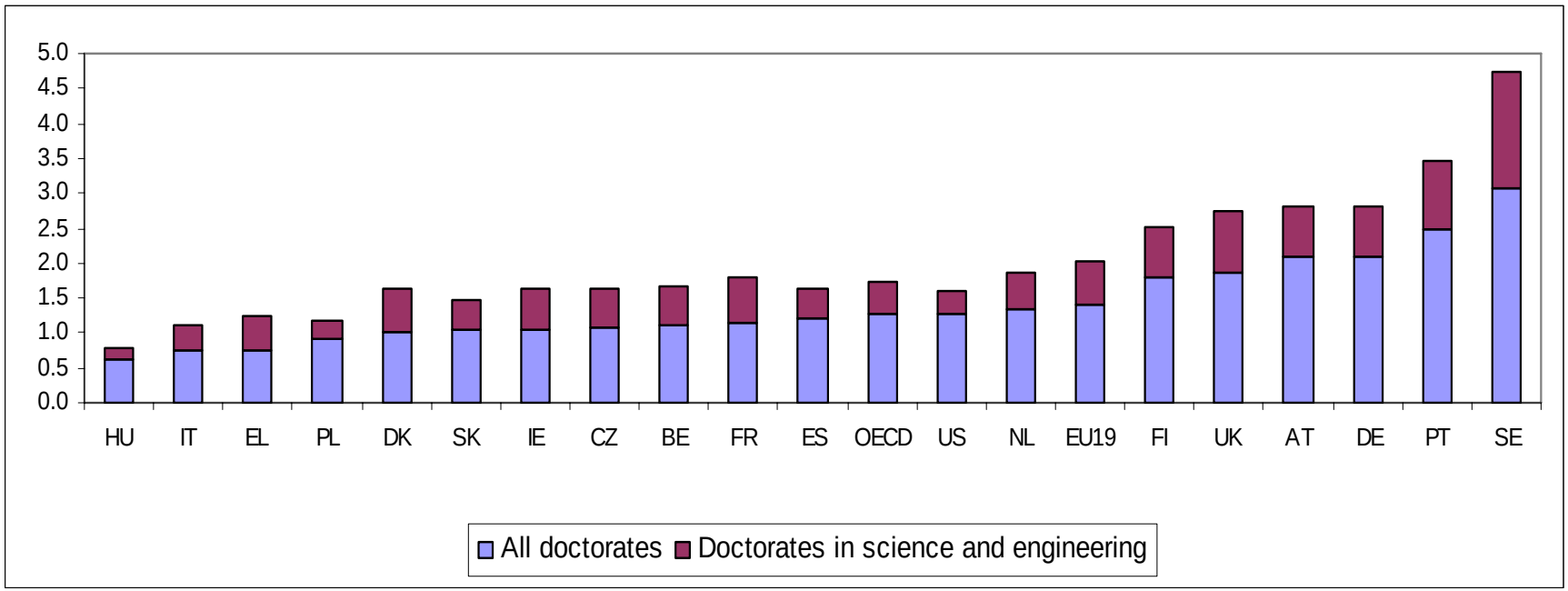
Source: Own elaborations based on OECD Science, Technology, and Industry Scoreboard 2007

Patent intensity and industry financed R&D



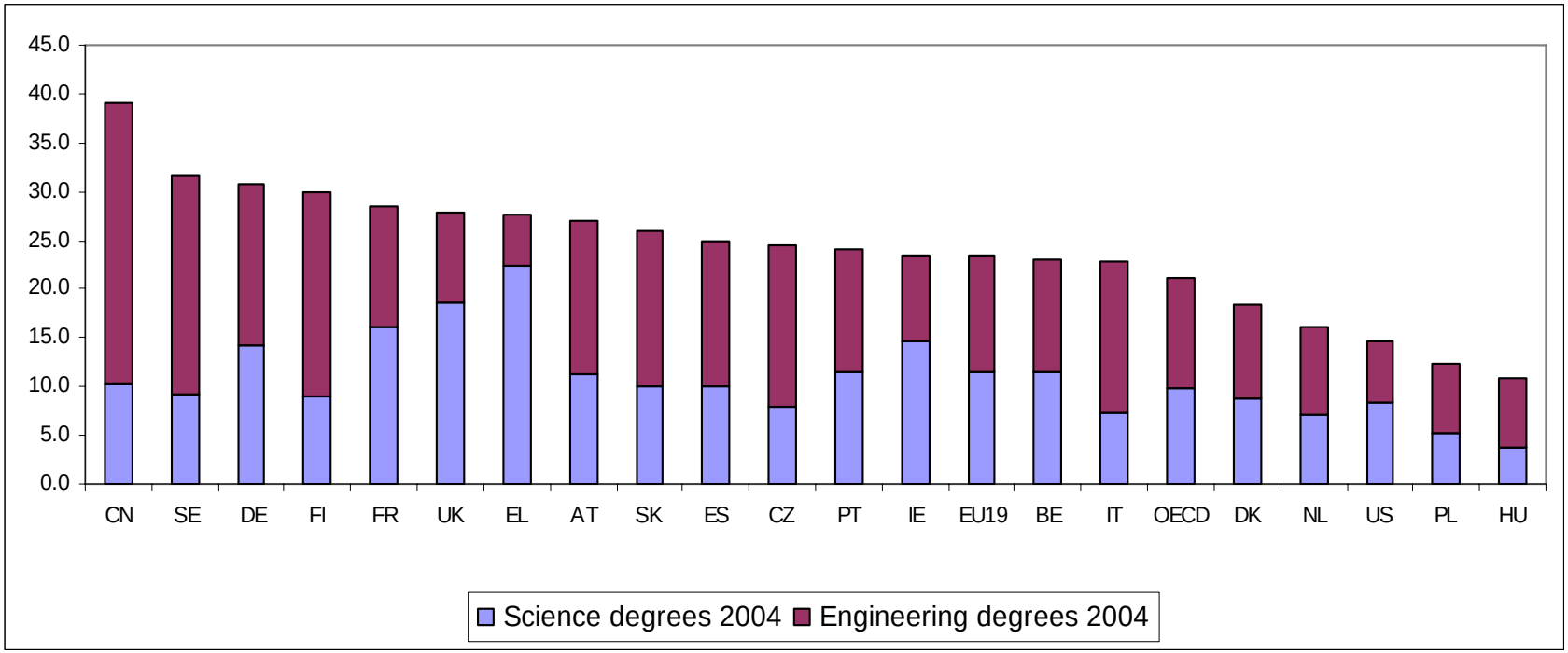
Source: OECD Science, Technology, and Industry Scoreboard 2007

Graduation rates at doctoral level, percentage of the relevant age cohort



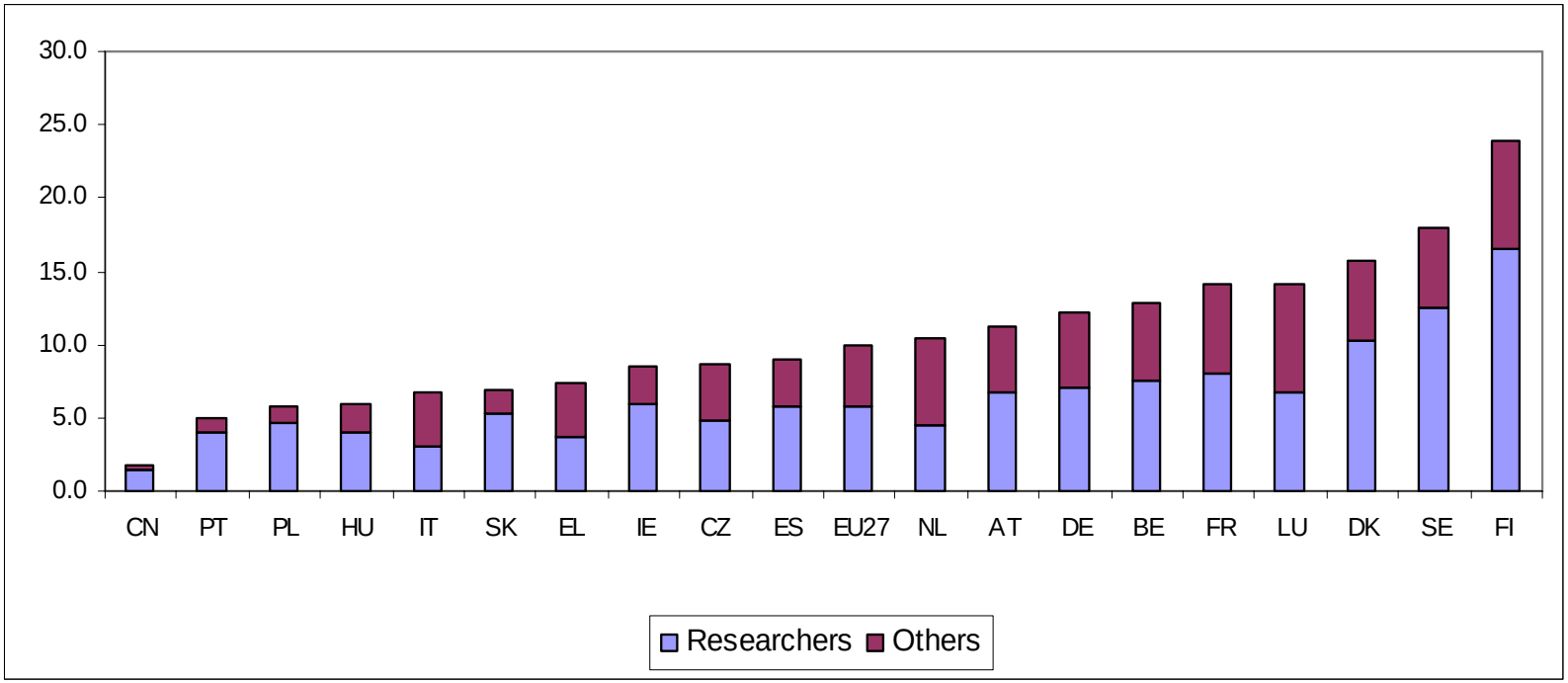
Source: Own elaborations based on OECD Science, Technology, and Industry Scoreboard 2007

Science and engineering degrees, percentage of total degrees



Source: Own elaboration based on OECD Science, Technology, and Industry Scoreboard 2007

R&D Personnel, per thousand employed



Source: Own elaboration based on OECD Science, Technology, and Industry Scoreboard 2007