



Innovation and the Digital Economy

Andrew Wyckoff
Directorate for Science, Technology and Industry

The Lisbon Council
2013 Innovation Summit
10 October 2013



Knowledge-based capital

Computerised
information

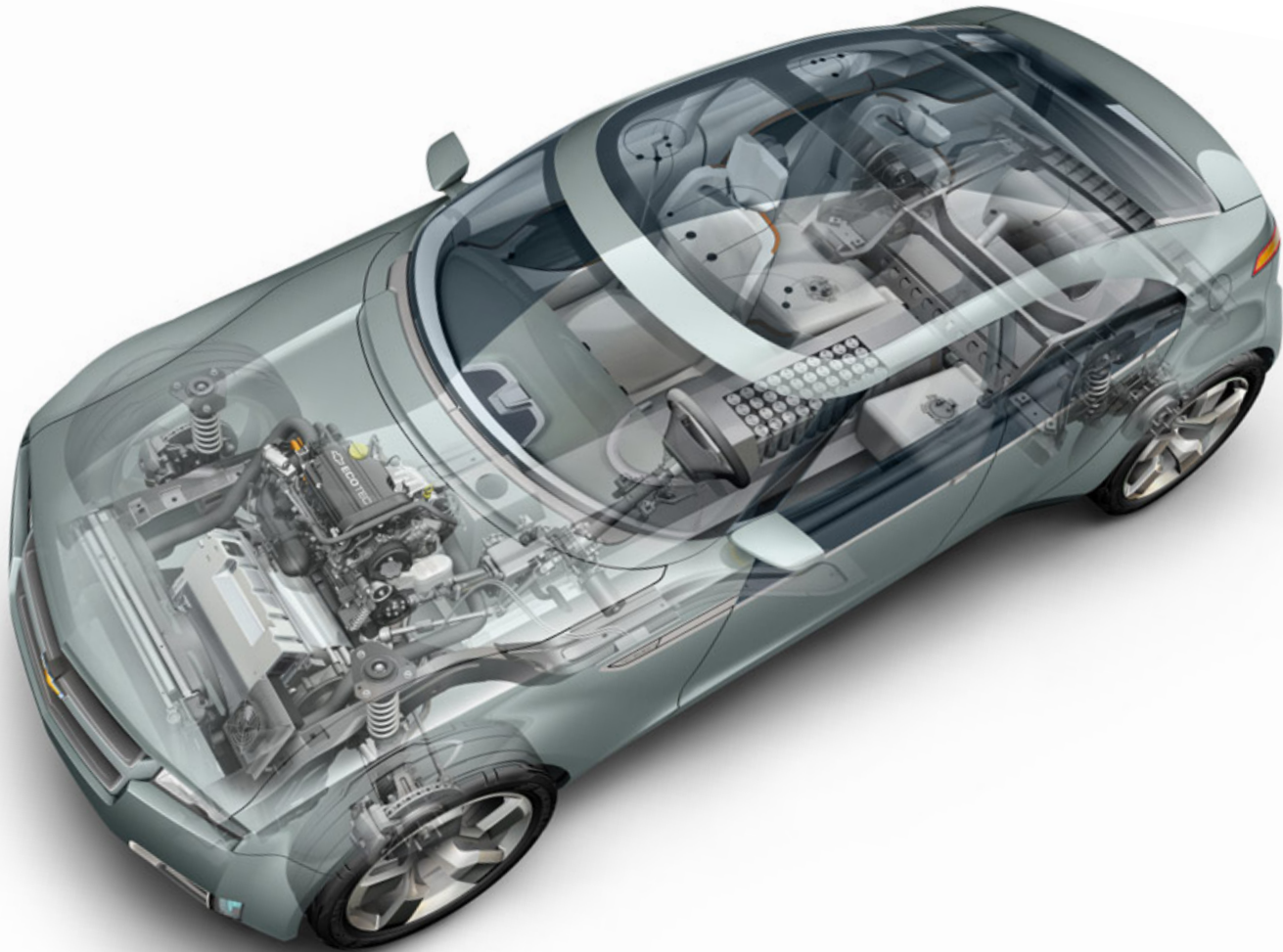


Innovative
property



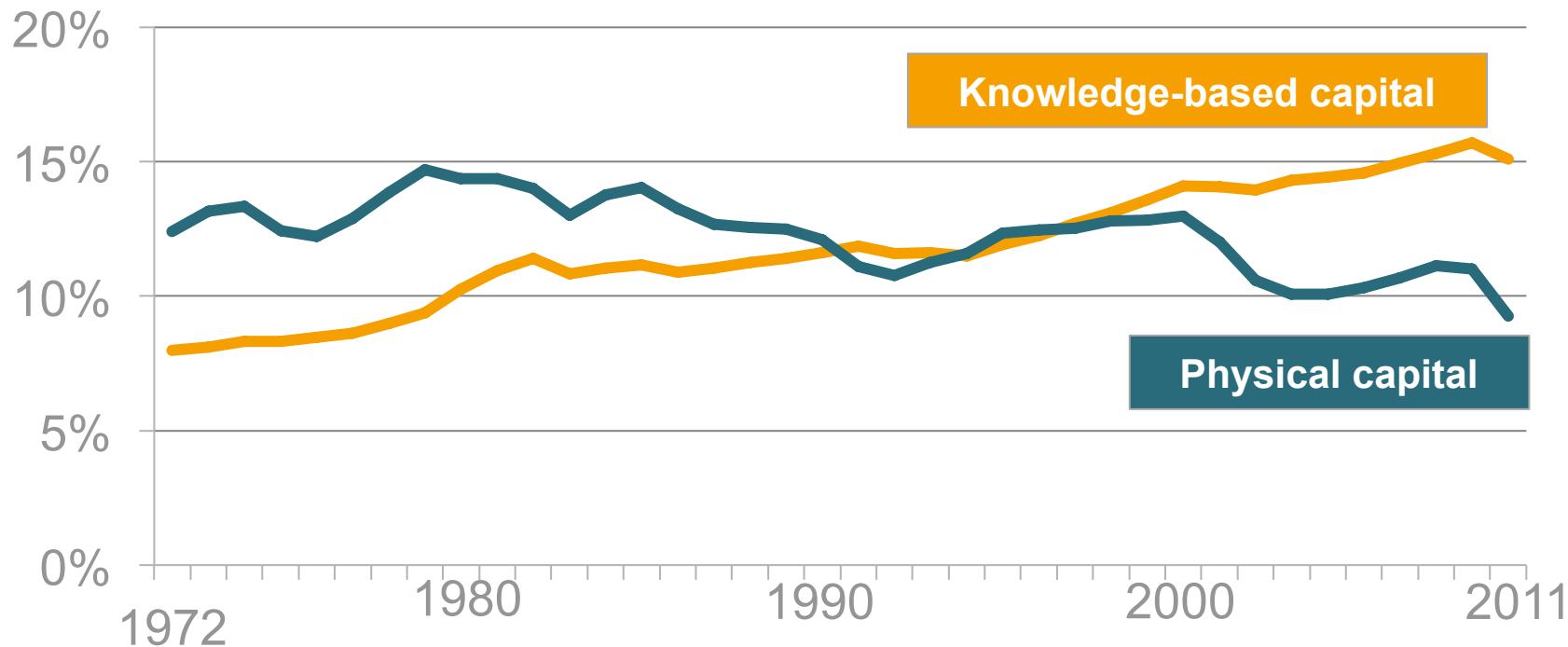
Economic
competencies







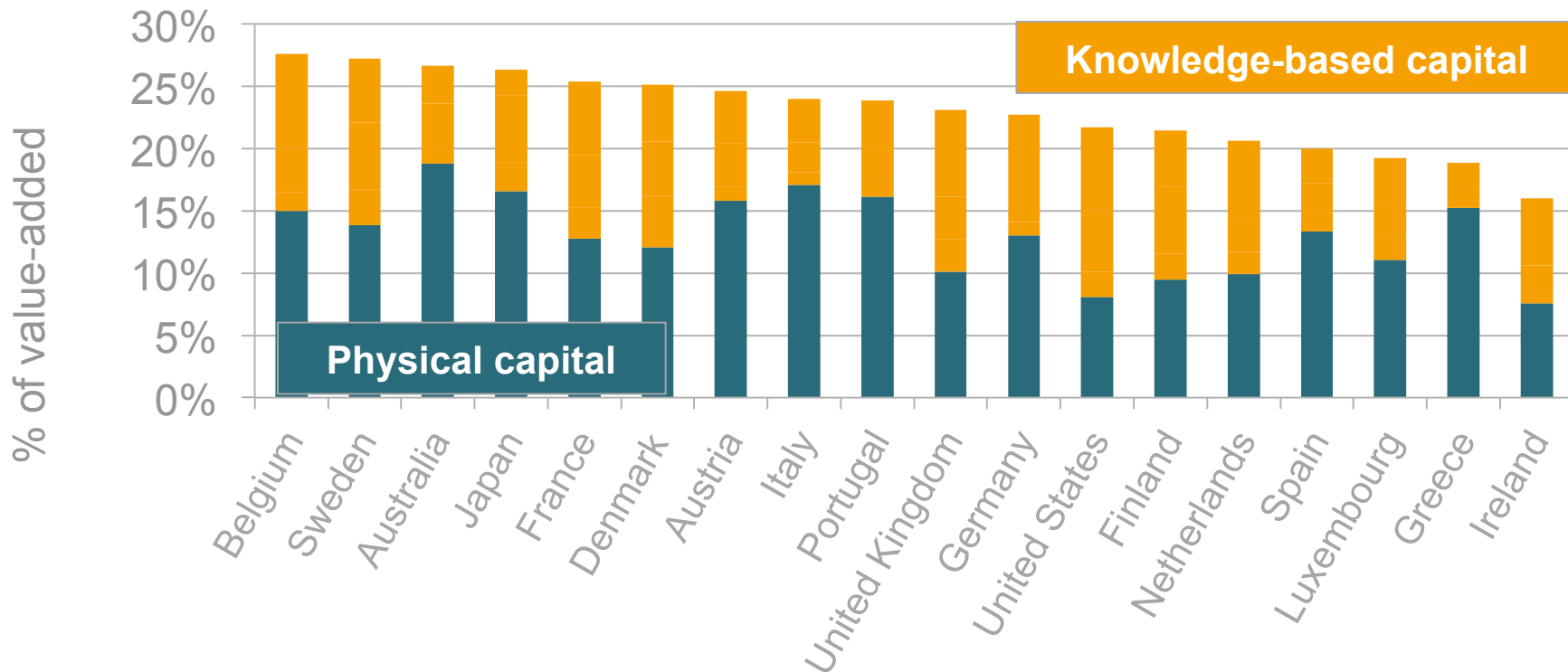
U.S. business investment in knowledge-based capital



Source: Corrado, C.A. and Hulten, C.R. (2010), How do you Measure a 'Technological Revolution?', American Economic Review: Papers & Proceedings 100 (May 2010): 99–104.



Business investment in knowledge-based capital (2010)



Source: OECD calculations based on INTAN-Invest and national sources.



Supporting Investment in Knowledge Capital, Growth and Innovation

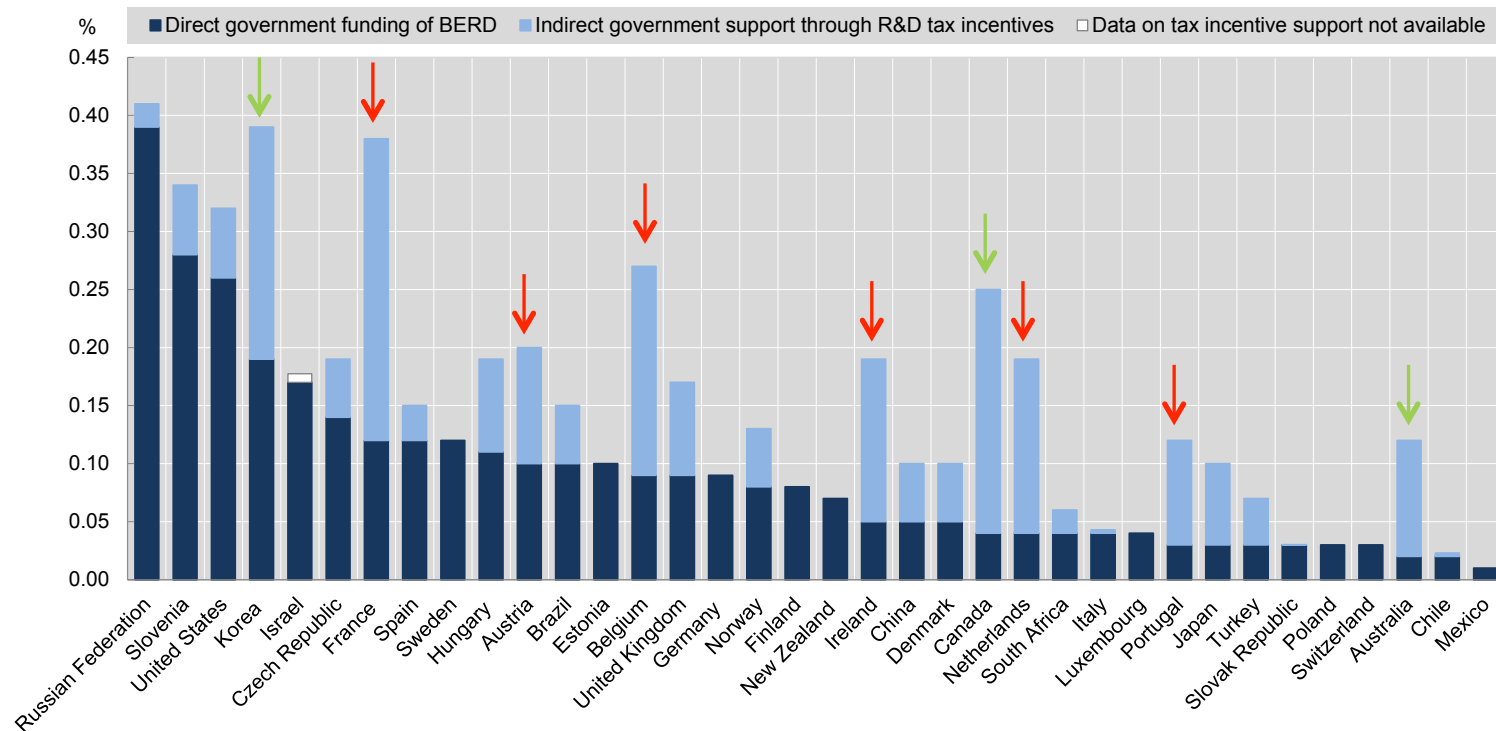


<http://oe.cd/kbc>



Direct funding of business R&D and R&D tax incentives, 2010

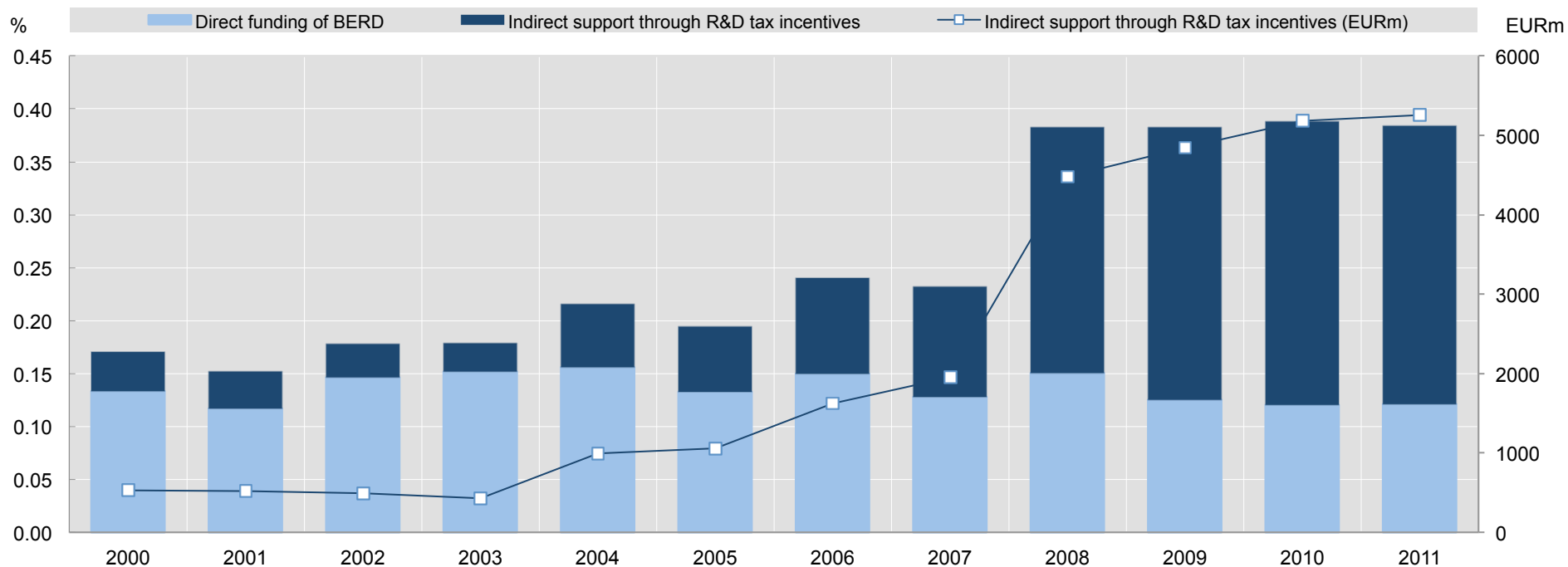
As a percentage of GDP, 2011





Direct funding of business R&D and R&D tax incentives, France

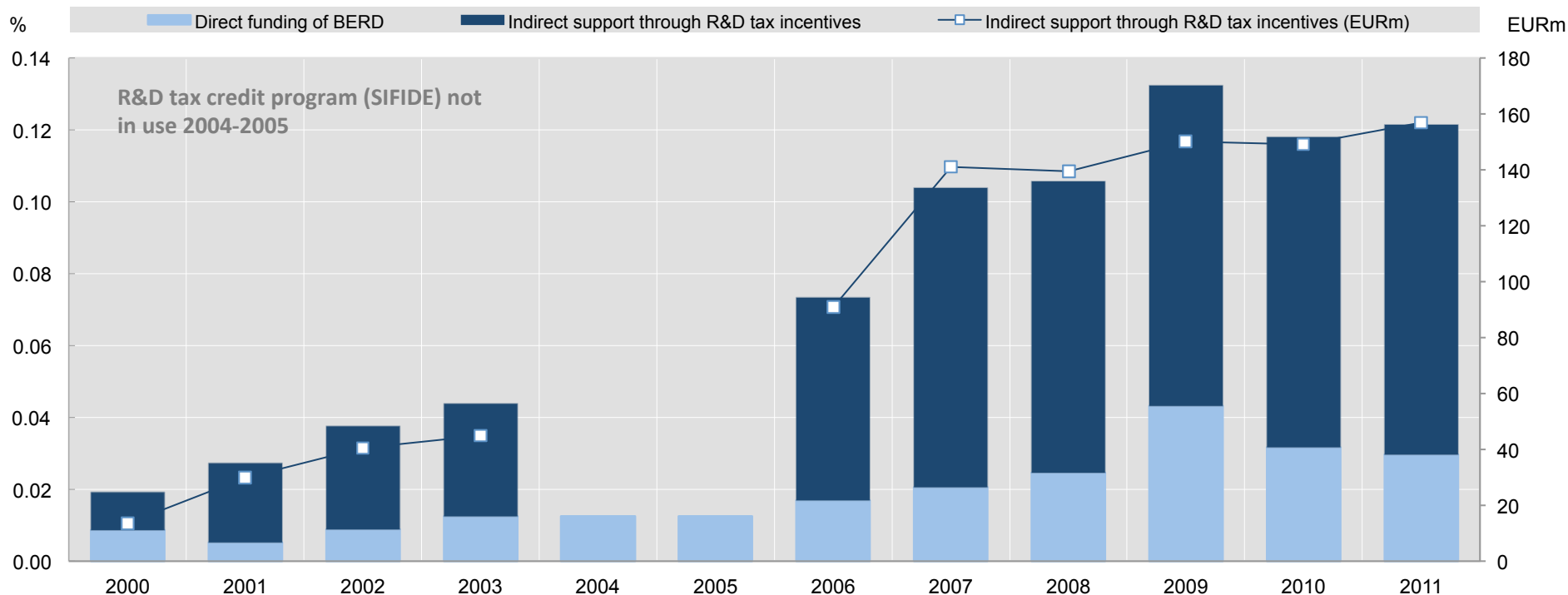
As a percentage of GDP and in current EUR million (accrual-basis), 2000-2011





Direct funding of business R&D and R&D tax incentives, Portugal

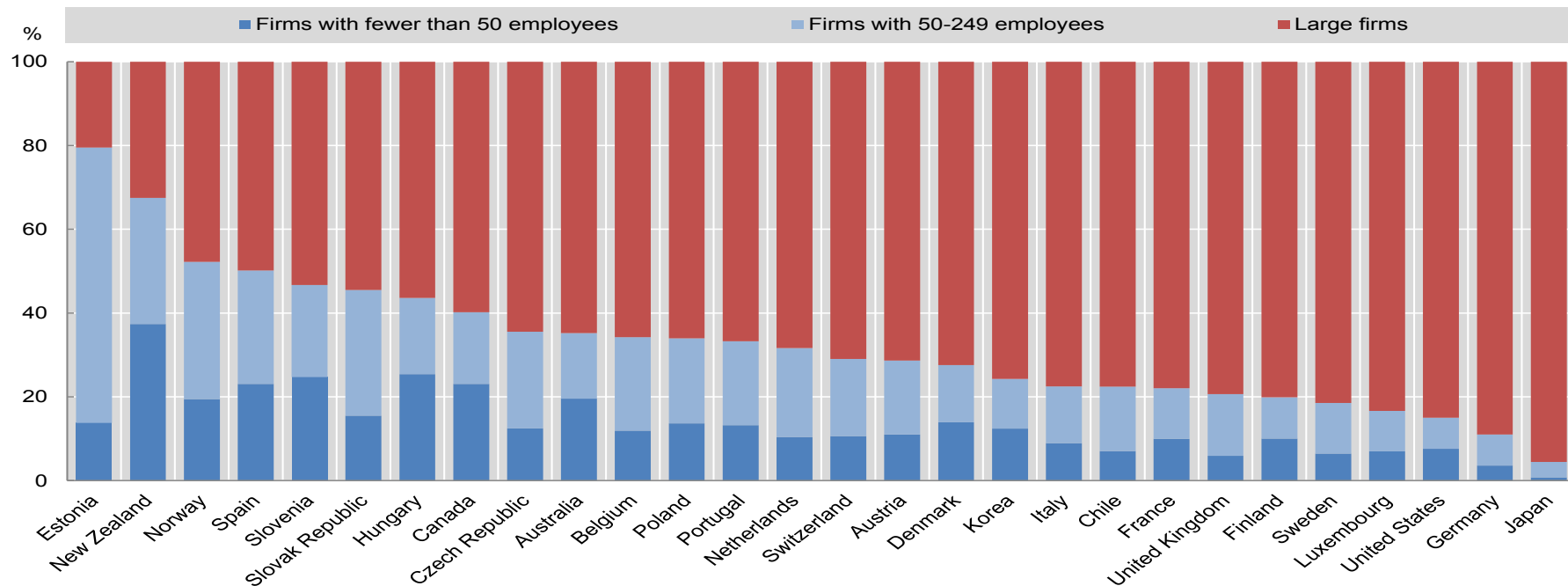
As a percentage of GDP and in EUR million, 2000-2011





Business R&D by size class of firms, 2011

As a percentage of R&D performed in the business sector





Advancing innovation and the Digital Economy

- **Take stock** of your spending;
- Take account of **business demography** in the design of your support mechanisms;
- Innovation is more than just R&D – **consider the bundle of assets that promote innovation;**
- **Scale matters:** think and act as a single market.