



Belgium

Putting in place the right framework conditions for innovative fast-growing firms

INVESTMENT IN R&D

R&D SPENDING

Total spending on R&D is growing quickly, particularly in the business sector, and Belgium has made good progress towards its national R&D intensity target

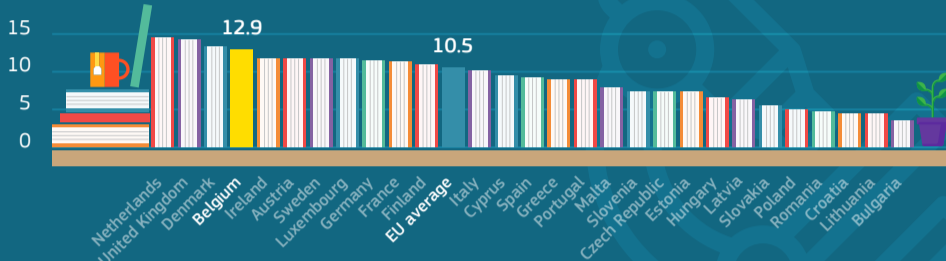


R&D intensity (total R&D spending as % of GDP)

STRENGTHS OF R&I SYSTEM

QUALITY OF RESEARCH SYSTEM

Belgium benefits from a strong public science base



% of scientific publications that are highly cited (top 10%) in other publications (2013)

INTERNATIONAL COOPERATION

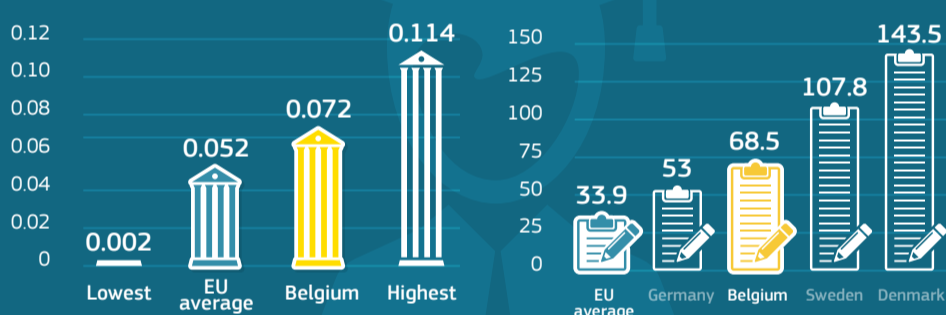
Well-developed international scientific collaboration strengthens the science base



Number of international scientific co-publications per million population (2015)

PUBLIC-PRIVATE COOPERATION

Close cooperation between academia & business allows knowledge circulation



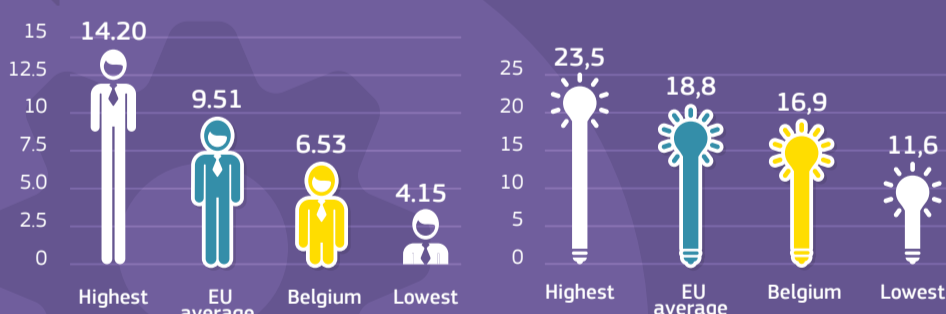
Public-performed R&D funded by business, as % of GDP (2013)

Number of public-private co-publications per million population (2014)

KEY CHALLENGES

HIGH-GROWTH ENTERPRISES

The lack of fast-growing firms, particularly in innovative sectors, is a critical issue



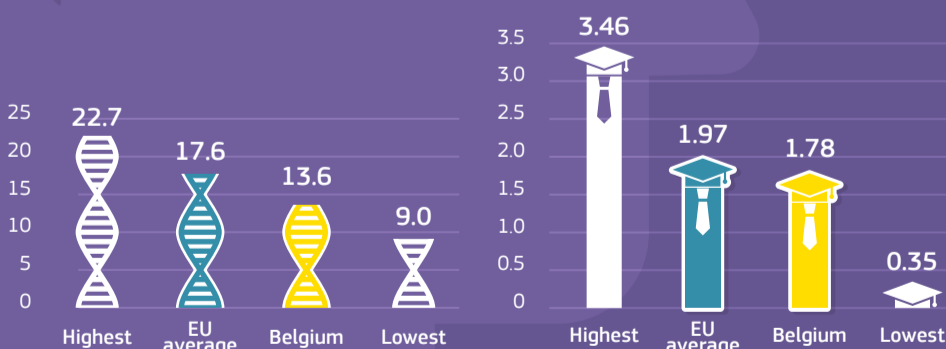
% of total employment in high-growth enterprises (2013)

Innovativeness of high-growth enterprises (DYN) (2013)

SCIENCE & ENGINEERING SKILLS

DOCTORATES

The shortage of skills in science and technology, as well as PhDs, may impact innovation in the future



Share of new graduates (per thousand aged 25-34) in science and engineering (2014)

New doctoral graduates per thousand of population aged 25-34 (2014)

RECOMMENDATIONS

2016 EUROPEAN SEMESTER – COUNTRY SPECIFIC RECOMMENDATION



Boost the capacity to innovate, notably by fostering investment in knowledge-based capital

HORIZON 2020 POLICY SUPPORT FACILITY ACTIVITIES



Belgium has participated in **two Mutual Learning Exercises**:

- **Administration and monitoring of R&D tax incentives**
- **Evaluation of complex public-private partnerships**



<https://rio.jrc.ec.europa.eu/en/country-analysis>
http://ec.europa.eu/research/horizon2020/index_en.cfm?pg=country-profiles