

BELGIUM

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State structure Belgium

- **Federal authority:** foreign relations, defense, social security, tax authorities, economy, ...
- **Regions:** Flemish, Walloon, and Brussels Capital region have powers relating to the economy, employment, agriculture, housing, public works, energy, transport (except Belgian Railways), the environment, ...
- **Communities:** Flemish, French, and German community have powers for culture, education, ...
- **Provinces**
- **Cities and communes**



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Research and innovation policy

- Federal authority
 - Tax incentives for R&D
 - Nuclear energy and research
 - Space policy
 - Public health
 - Research centers
- Communities
 - Universities and colleges for higher education
 - Research centers
- Regions
 - Policy departments and implementing agencies
 - Subsidies for innovation and R&D
 - Research centers



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Universities and colleges

- Universities
 - Academic degrees: bachelor and master programs
-> theoretical education
- Colleges for higher education
 - Professional degrees: bachelor and master programs (only recently) -> vocational education



Universities and colleges

- Flemish community: VLIR (Vlaamse Interuniversitaire Raad) + Vlaamse Hogescholen Raad
 - 5 universities
 - 13 hogescholen
- French community (Brussel + Wallonia): CRef (Conseil des rectrices et recteurs) + Synhera
 - 5 universities
 - 19 hautes écoles + 10 associated research centers



Research centers

- Federal authority:
 - 10 Federal scientific institutes
 - Nuclear energy research
 - Health research (Sciensano)
 - Defense research institutes
 - Royal institute for international relations (Egmont Institute)
- Flanders
 - Strategic research centers: IMEC, VIB, VITO, Flanders Make
 - Scientific institutes



Research centers

- Flanders
 - Scientific institutes managed by a department of the Flemish Government (Botanic Garden Meise, The Institute for Agricultural and Fisheries Research, The Research Institute for Nature and Forest, The Royal Museum of Fine Arts Antwerp, The Flanders Heritage Agency, Flanders Hydraulics Research
 - Other institutes: The Institute for Tropical Medicine, The Flanders Marine Institute, ...



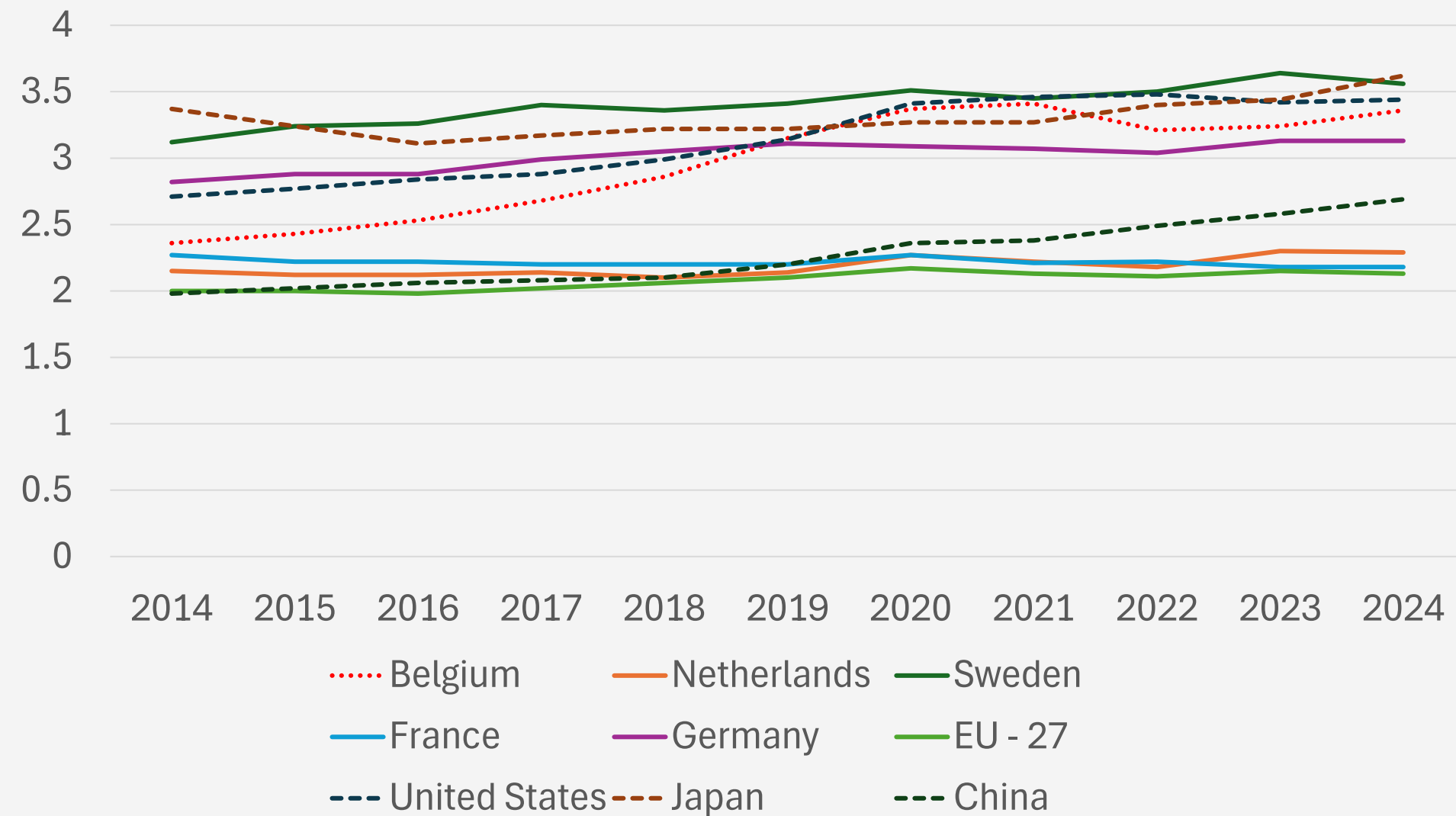
Research centers

- Brussels: clusters and incubators
 - Circular economy, sustainable construction, health technology, media, ...
 - Incubators for start-ups
- Wallonia
 - Wal-Tech: network of accredited research centers: aeronautics/space, agrifood, materials, water, wood industry, biotech/medtech, ICT, ...
 - Walloon Agricultural Research Centre
 - Scientific Institute of Public Service
 - WELBIO (Excellence in Life Sciences and Biotechnology)
 - TRAIL (Trusted AI Labs) Institute
- Collective research centers
 - Textiles, construction, metallurgy, wood, cement, ceramics, ...



R&D intensity - % in 2024

international comparison



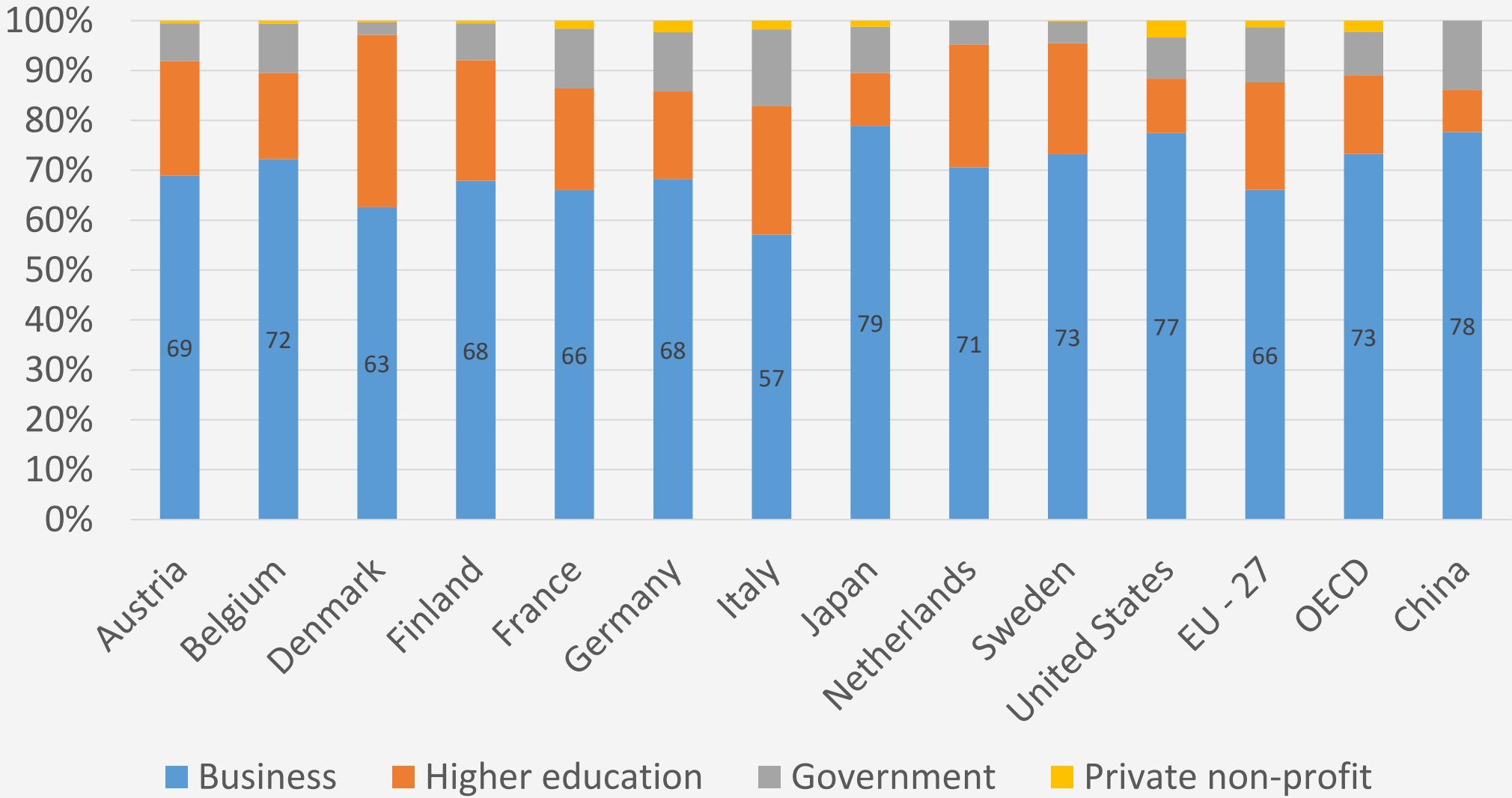
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R&D expenditure by sector 2024

international comparison

R&D expenditure by sector



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BRISTI report 2021

- Report with all the details of Belgian research and innovation policy: federal authority, regions, and communities
- https://meri.belspo.be/site/publications_en.stm?sc=BRISTI

