



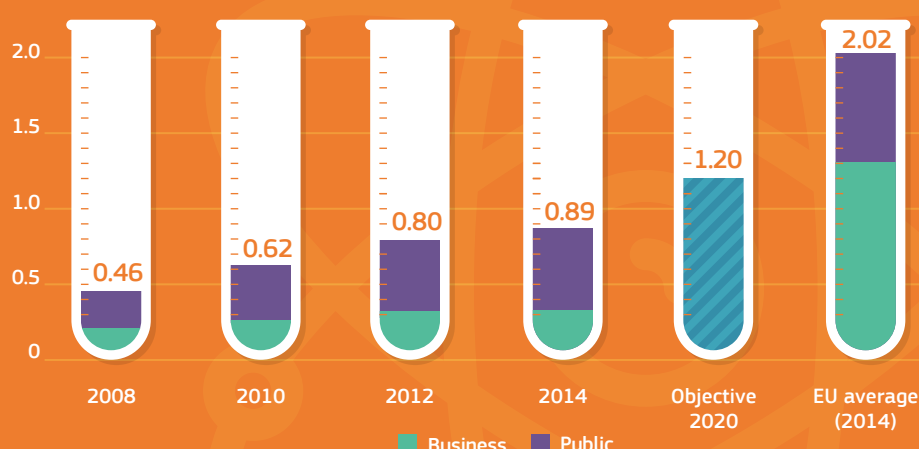
SLOVAKIA

Increasing the quality of the science base to support an ecosystem for innovation

INVESTMENT IN R&D

R&D SPENDING

Both public and business R&D spending have increased in recent years but business investment remains very low

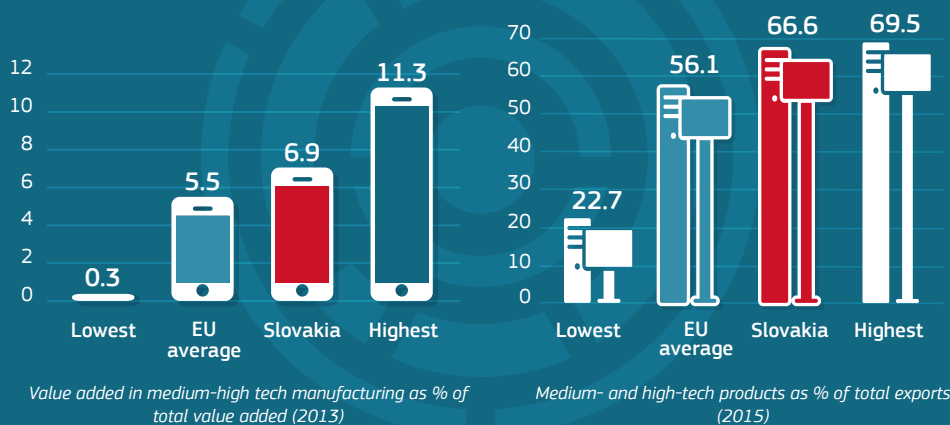


R&D intensity, showing public and private components (total R&D spending as % of GDP)

STRENGTHS OF R&I SYSTEM

MEDIUM-HIGH TECH MANUFACTURING

Thanks to its attractiveness for Foreign Direct Investments, Slovakia has been able to build strong medium-high tech manufacturing activities

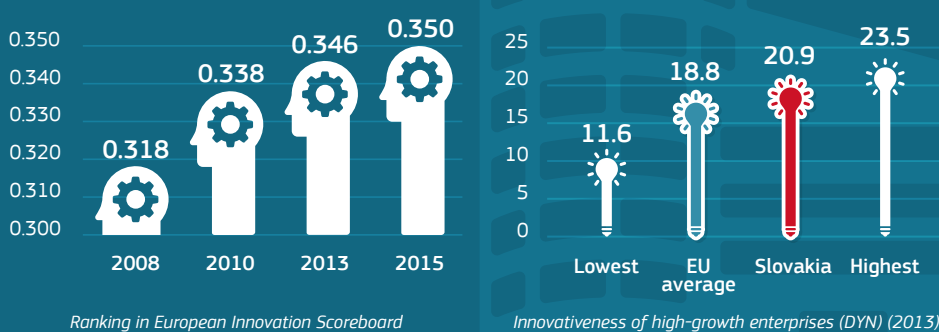


Value added in medium-high tech manufacturing as % of total value added (2013)

Medium- and high-tech products as % of total exports (2015)

INNOVATIVENESS

The presence of high-tech sectors fosters the innovation performance of the Slovak economy



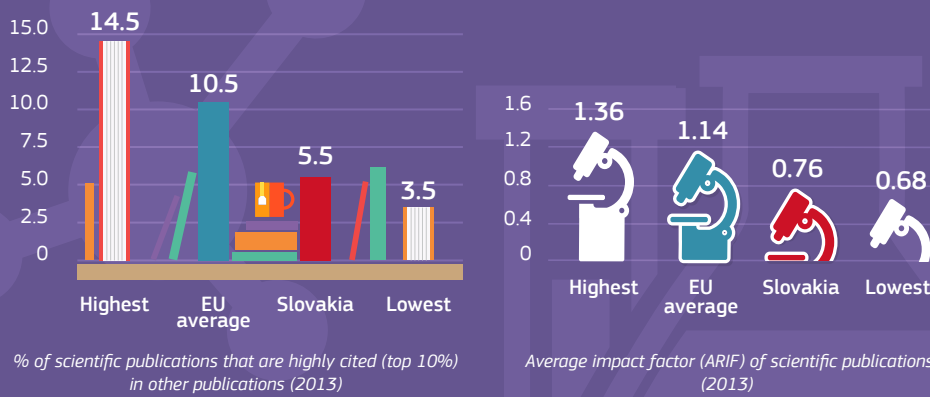
Ranking in European Innovation Scoreboard

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

KEY CHALLENGES

QUALITY OF RESEARCH SYSTEM

The quality of the Slovak science base is still far below the EU average and has not progressed in recent years

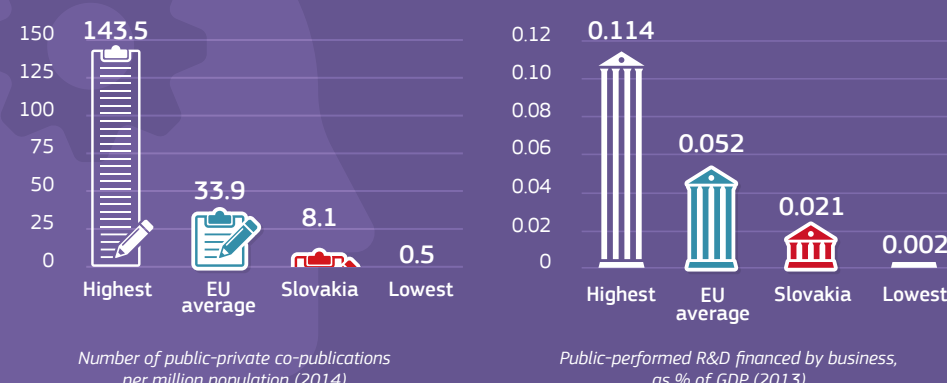


% of scientific publications that are highly cited (top 10%) in other publications (2013)

Average impact factor (ARIF) of scientific publications (2013)

PUBLIC-PRIVATE COOPERATION

Weak academia-business cooperation does not allow Slovakia to leverage the sizeable R&D investments from the multinational companies which are in the country



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

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

RECOMMENDATIONS

ROOM FOR IMPROVEMENT



Leverage business R&D investment by **increasing the quality of the science base and promoting academia-business cooperation**, as well as **streamlining the administrative framework** for implementation of the R&I policy and increasing coordination among the involved institutions

H2020 POLICY SUPPORT FACILITY ACTIVITIES



Slovakia has asked for **specific support on improving the framework conditions for start-ups and high-growth innovative enterprises**