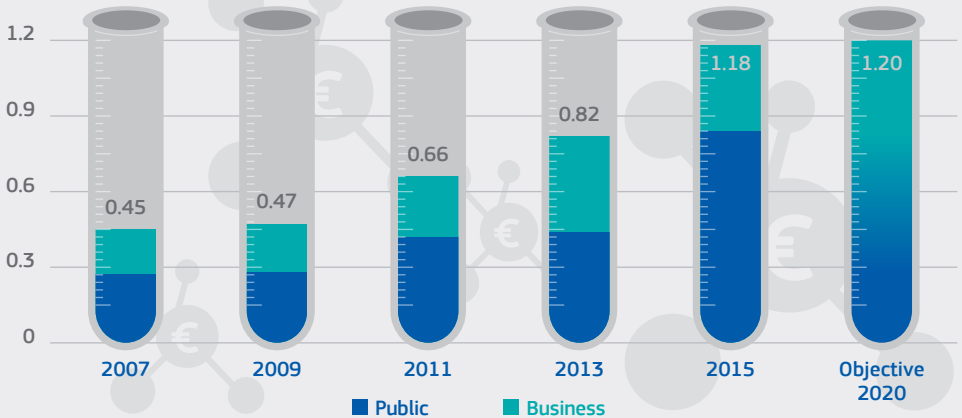




SLOVAKIA 2017

INVESTMENT IN R&D ▶ R&D SPENDING

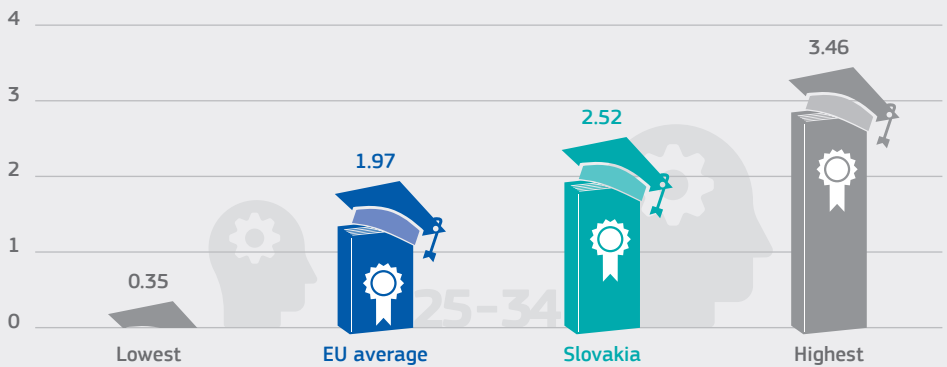
Slovakia significantly increased its R&D investment intensity over the past decade, but business R&D investment remains low



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

STRENGTH OF R&I SYSTEM ▶ HUMAN RESOURCES

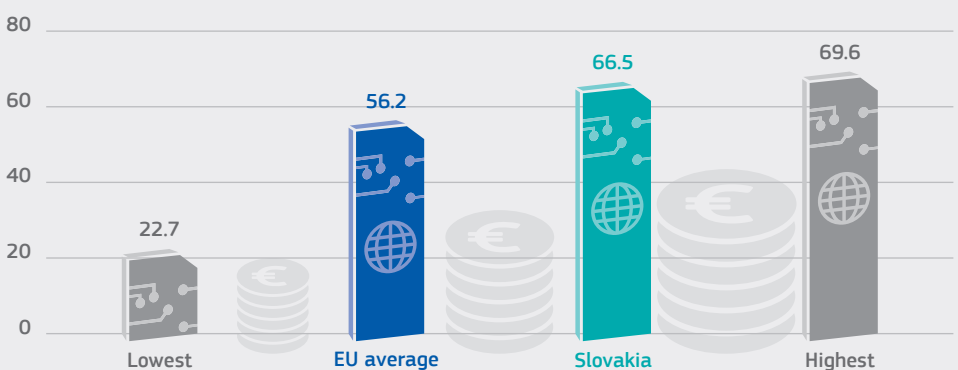
Slovakia has a large talent pool in science and engineering, including a high proportion of PhDs



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

STRENGTH OF R&I SYSTEM ▶ MEDIUM- AND HIGH-TECH MANUFACTURING

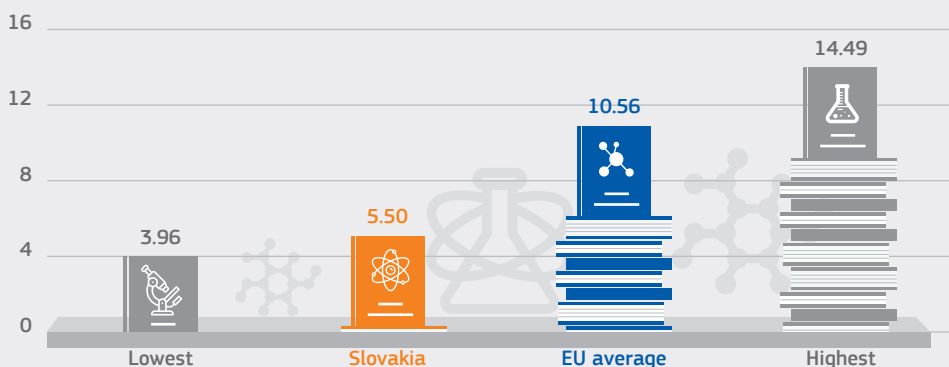
The Slovak economy benefits from its competitiveness in medium- and high-tech manufacturing activities



Share of medium-tech and high-tech products in total exports (2015)

KEY CHALLENGE ► PUBLIC SCIENCE BASE

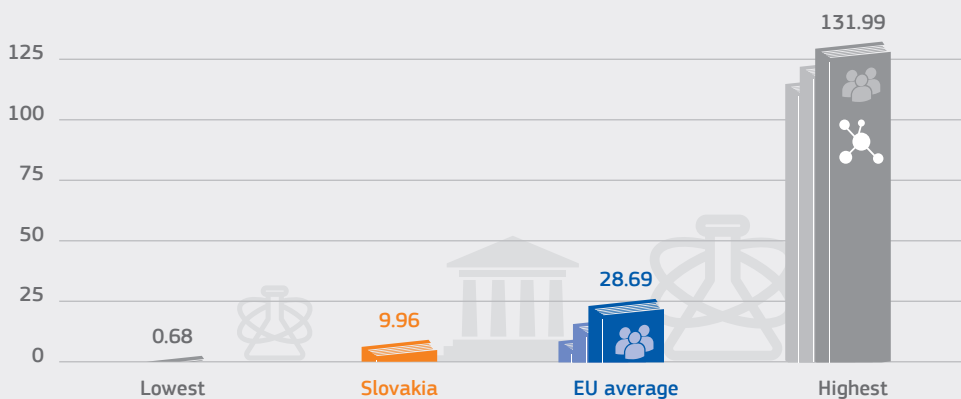
The quality of Slovakia's science base lags far behind the EU average



% of scientific publications that are highly cited (within the top 10% most-cited) in other publications worldwide (2014)

KEY CHALLENGE ► SCIENCE-BUSINESS COOPERATION

The lack of interesting opportunities for business to cooperate with public research hampers the attractiveness of Slovakia for business R&D investment



Public-private scientific co-publications per million population (2015)

RECOMMENDATIONS ► ROOM FOR IMPROVEMENT



Speed up R&I reforms, building on the Smart Specialisation Strategy, to boost business R&D investment



Improve the R&I governance framework to upgrade R&D performance

H2020 POLICY SUPPORT FACILITY ACTIVITIES



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