

## Research and development, 2017 (preliminary data)

In 2017, HUF 517 billion, 1.35% of GDP was spent on research and development activities at the level of the national economy. The R&D expenditure rose by HUF 90 billion, which meant an increase of 21% at current prices compared to the low base in 2016. The use of the amounts of tenders in 2017 – which were allocated at the end of 2016 – significantly contributed to this outstandingly high growth. Within the amount of R&D expenditure, R&D current costs, representing a dominant (85%) weight, increased by 17%, while R&D capital expenditure, accounting for a proportion of 15%, rose to a much greater extent than those, by nearly 54% compared to the previous year.

Nearly 74% of research and development expenditure came from the activities of business enterprises at the level of the national economy, R&D units in higher education as well as R&D institutes and other budgetary research units accounted for 13% each.

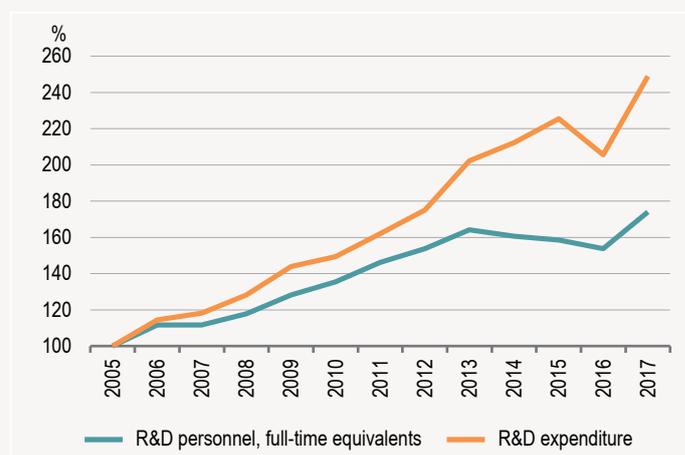
The significant part of tender resources of 2016 were used in 2017, as a result of which R&D expenditure financed from the government budget rose to the highest extent, by nearly HUF 53 billion (by 47%) at current prices. R&D expenditure financed by the sources of business enterprises rose by HUF 31 billion (by 13%). Out of the financial sources of R&D expenditure only the amount of funds from non-profit organisations that decreased, by 10.5% over a year.

The decreasing trend, lasting since 2014, in the number of research units and in the headcount of people engaged in research activities stopped and turned to an increase. In 2017, 3.1 thousand research units were operating in Hungary, 14% more than in the previous year. The

headcount of R&D personnel was nearly 61 thousand, which meant an increase of 12% over a year. Within which the number of researchers, representing a proportion of 70%, became 9.8% and that of technicians about 18% higher compared to one year earlier. The full-time equivalent staff number rose to a higher extent than the R&D personnel, by 13%.

Figure 1

**Changes of full-time equivalent R&D personnel and R&D expenditure** (year 2005=100%)



### Further information, data (links):

[Tables](#)

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