

Financing and Evaluation of Research and Development



Czech
Republic
The Country
For R&D

Institution Responsible: Council for Research, Development and Innovation (RVVI)

Managerial responsibility: Member of the RVVI Board

Opening position

The share of total R&D and innovation expenditure in the Czech Republic is 1.79% of GDP, of which 60% are company resources, 40% are government and European resources. At this time, a change is under way to the evaluation system for research organisations, to transition from the existing quantitative system to assessing the quality and impact of research and development (M2017+ methodology). Apart from the aforementioned institutional support, the assessment system for targeted support is also being changed, where a system of professional guarantors is gradually being introduced, sectoral priorities are being unified and the overlapping of forms of support is being eliminated. In the case of both institutional and targeted support, the weak points are the linkage and proportionality of the innovation chain: basic research » applied research » innovation » product » profit » reinvestment into research.

Goals

- Strengthen R&D funding (measured as % of GDP): 2020 2.0%, 2025 2.5%, 2030 3.0%, i.e. growth by 0.1 percentage points each year; of which 1% from public resources and from company resources, 1.5% in 2025, and 2% in 2030.
- Increase the institutional component of R&D funding for those research organisations that achieve excellent results in defined research priorities.
- Strengthen the targeted support for institutions whose results are applied in practice.
- Through evaluation support the orientation towards participation in Horizon Europe and maintain research funding from European funds.
- Fully implement an assessment system in line with the M2017+ Methodology, monitor and continually evaluate its impact with an emphasis on the impact on society.
- Support research topics that meet the criteria cross-sectionally: globally competitive basic research – sufficient capacity for follow-up applied research – successful applications (new quality of life solutions, patents, licences sold, products) – real interconnection to the corresponding company environment and fields with breakthrough technology potential.
- By 2030, achieve excellence in research and development by the standards of the European Research Council.
- Encourage obtaining funds from non-public sources through financial instruments.
- Simplify conditions and expedite the process of employing foreign skilled staff.

Tools

- Czech National Research, Development and Innovation Policy, 2021+.
- National Research and Innovation Strategy for Smart Specialisation of the Czech Republic (RIS3).
- Prepare of a major amendment or new Act on the promotion of research, experimental development and innovation.
- Strategy for the long-term financing of RD&I involving resources from the state budget.
- Create a higher state incentive to use tax deductions for RD&I.
- Investment Incentives Act in relation to RD&I incentives.
- Engaging companies in research projects with research organisations using private co-financing.
- Establishment of an inter-ministerial working group to prepare targeted grant schemes supporting research topics with innovation potential and the creation of innovation chains.
- Assessing innovation capacity as part of the evaluation of research centres of excellence.
- Create a scheme for pooling public and private resources and funding long-term research for business needs.
- Horizon Europe's National Support for Domestic Organisations Scheme and active international science policy towards the EU to increase the participation of the Czech Republic in consortium projects H2020, respectively, Horizon Europe.

- Operational programmes funded by EU 2020+ funds with a strong focus on RD&I.
- Development of the M17+ Methodology for the individual segments of the R&D system in the Czech Republic, i.e. the full launch of all modules, the application of scaling and the strengthening of the interconnection of basic and applied research.
- Evaluation system for RVVI targeted support respecting National RD&I Policy.
- Motivation programme to support international teams, establishment of a Welcome Office.
- Targeted programs to support excellence (ERC-CZ, EXPRO), institutional support for excellence and „pipe-line“ programs to attract, develop and maintain top-level researchers at the level of providers of research organisations.
- Support Open Access to R&D results.

Notes

A grid of 15 columns and 20 rows of small dots, intended for taking notes.

