

# Innovation and Research Centres



**Czech  
Republic  
The Country  
For Excellence**



**Institution Responsible:** Council for Research, Development and Innovation (RVVI), Ministry of Education, Czech Academy of Sciences, Ministry of Industry and Trade, Technology Agency of the CR

**Managerial responsibility:** Member of the RVVI Board

## Opening position

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In terms of the number and quality of its research centres and research infrastructures the Czech Republic is one of the EU's leaders. However, their development has not been managed having regard to research or economic priorities, resulting in a number of centres whose capacity will be difficult to utilise in the future, with overlapping disciplines in a number of cases. In spite of this, a number of top research centres have emerged in the area of new technologies (robotics, laser technology, nano-technology, etc.). There are several support systems for these centres, institutional support for the long-term conceptual development of a research organisation, support for large research infrastructures, as well as support for National Competence Centres. This support is however accompanied by bureaucracy, inconsistencies between control bodies and providers in issues of public aid permitted, selection procedures, support rules, while limitations multiply, inhibiting the options for public research and its co-operation with the applications sphere.

## Goals

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- Focus support on key trends at the intersection of research excellence, the potential of Czech companies and future technological trends = Smart Specialisation Strategies (AI, Space Technologies, Laser Technologies, Nanotechnology, Biotechnology, Energy-Saving Solutions, Chemistry and Chemical Technologies, Clinical Medicine and Biomedicine, etc.).
- Create a complementary scheme for financing RD&I capacities from institutional support for the long-term conceptual development of research organisations and the so-called large research infrastructures on the one hand and tools to support long-term strategic cooperation between the public research sector and the industrial sphere in the form of so-called National Competence Centres.
- Support for excellence centres resulting from the Smart Specialisation Strategy – the global visiting card of the Czech Republic for the most advanced technologies.
- Achieve the integration of Czech firms into industry clusters with the involvement of research institutions.
- As part of support from public funds, specifically support proposed solutions with the potential for commercialisation through IP protection.

## Tools

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- Long-term strategy for cooperation of the private sector with research facilities in areas defined as high-priority by the state.
- Innovative Strategy „Institutional Support for Long-Term Conceptual Development of Research Organisations“.
- Innovated „Large Research Infrastructures“ strategy.
- Connection of „National Competence Centres“ and OP RDI Centres with industry clusters.
- Involvement of key European programmes for the development of research excellence centres.
- Involvement of European 2020+ Operational Programmes for building research clusters.
- National Initiative to reduce the bureaucratisation of science, effective modifications to the interpretation of state aid questions, the Registry of Contracts and procurement tenders.
- National Research and Innovation Strategy for Smart Specialisation of the Czech Republic (RIS3)

# Notes



Council for Research, Development and Innovation

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