

ABOUT THE RESEARCH

The objective of this research is to map the situation in the field of research, development and innovation in industrial organisations in the Czech Republic ("CR"). The overview presented provides information on the manner that research, development and innovation take place in industrial organisations in the Czech Republic.

The information contained in this leaflet is based on comprehensive research conducted by the independent Institute for Evaluations and Social Analyses (INESAN). The data was collected across organisations residing in the Czech Republic in November 2014.

The respondents (industrial organisation representatives) were selected using the random stratified method and the data collection used the computer-aided telephone interview (CATI) method. A total of 204 valid interviews took place, with the response rate being 16%.



Good morning, I am your guide to this leaflet, and I will use these grey boxes to highlight important findings about research, development and innovation in industrial companies in the ČR.

STRUCTURE OF THE SAMPLE

Structure by segment: 27% of companies in the mechanical or electronic engineering industry; 22% of companies in the metallurgic or glass industry; 20% of industrial organisations in the chemical industry; 11% of organisations in the paper, wood processing and textiles industry; 21% of companies in other industrial sectors.

Structure by size of organisation: 16% of organisations have fewer than 50 employees; 42% of organisations have 50 to 249 employees; 43% of organisations have 250 or more employees.

Structure by existence of branches: 64% of organisations have a Czech ownership structure; 11% of organisations have international owners too; 25% of organisations have exclusively international owners.

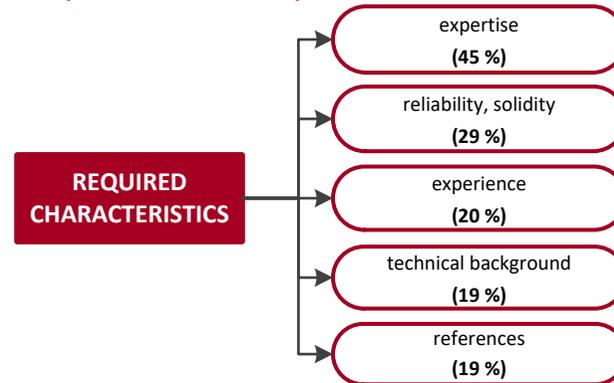
Structure by turnover: 47% of organisations posted a turnover of up to CZK 249.9 million; 18% of organisations posted a turnover of CZK 250–999.9 million and 35% of organisations posted a turnover of CZK 1,000 million or more.

RESEARCH RESULTS



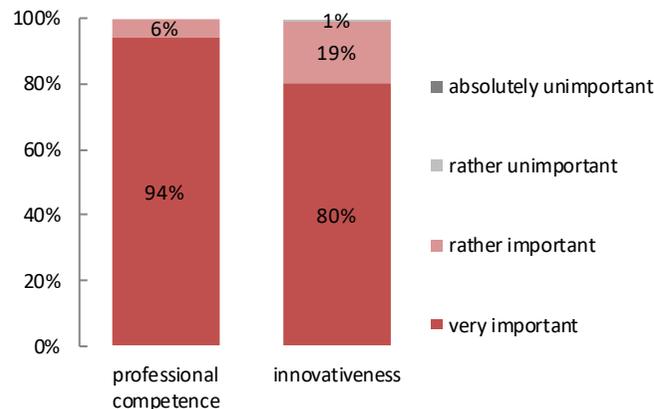
The spontaneous replies from the representatives of the respondent organisations indicate that they primarily require adequate expertise, professionalism, reliability, flexibility and practical knowledge of issues of their research, development and innovation partners.

Diagram 1: TOP 5 characteristics required of research, development and innovation partners



From the suggested characteristics of the potential partners, adequate expertise and experience was rated as the most important one (100%). Organisations also place great emphasis on innovativeness, which 99% of the reviewed organisations consider important or rather important.

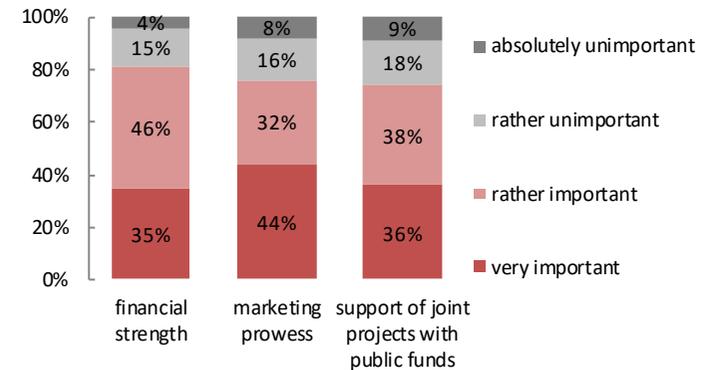
Graph 1: Rating of importance of the selected characteristics of potential research, development and innovation partners (I.)



RESEARCH RESULTS

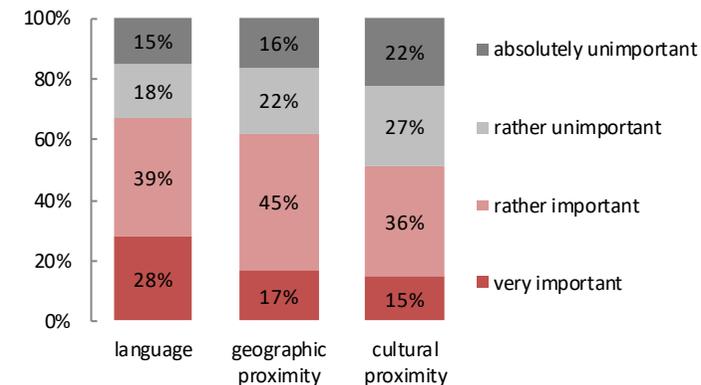
Very important characteristics also include ones that can be summed up as the "financial, capital and marketing background". The potential partner's financial strength, marketing prowess (commercial appreciation of the product) and the support of joint projects with public funds are important for 4/5 of the reviewed organisations.

Graph 2: Rating of importance of the selected characteristics of potential research, development and innovation partners (II.)



Out of the reviewed characteristics for potential partners, the respondent organisations find a similar language and geographic and cultural proximity the least important. Language is important to 67% of the reviewed organisations, geographic proximity to 62% of the reviewed organisations and cultural proximity of their potential research, development and innovation partners is important to 51% of the organisations.

Graph 3: Rating of importance of the selected characteristics of potential research, development and innovation partners (III.)



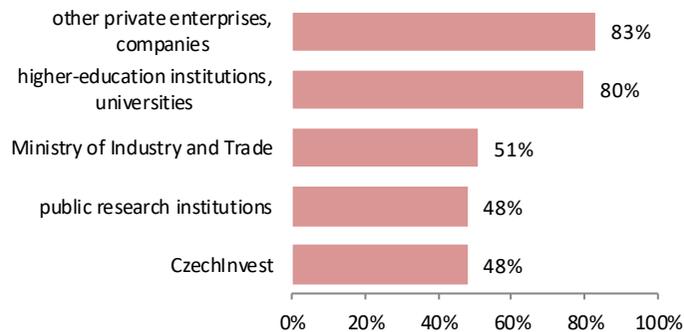
RESEARCH RESULTS



Most of the reviewed organisations cooperate in research, development and innovation with other private businesses (81%) and with universities/tertiary schools (75%).

Other entities with which fewer of the organisations cooperate include public research organisations (with which about a half of the respondent organisations cooperate), the Ministry of Industry and Trade with which 46% of the reviewed organisations cooperate, and CzechInvest with which 43% cooperate.

Graph 4: Entities with which the reviewed organisations work in research, development and innovation (TOP 5)



Collaboration in research, development and innovation with the aforementioned entities is mostly rated as excellent or good. This rating most often applies to other private businesses and firms and to cooperation with tertiary schools and universities, which are the institutions that the reviewed businesses work with most often.

Graph 5: Rating of cooperation in research, development and innovation with selected entities



SUMMARY:

The potential research, development and innovation partners should primarily offer sufficient expertise, reliability and solidity. Real-world focus and a good standard of technical background is required as well.

The great majority of the reviewed industrial organisations consider their partner's expertise, experience and innovativeness important.

Most organisations cooperate in research, development and innovation with other private businesses and with universities/tertiary schools.

About 20% of organisations rate their cooperation with most partners as excellent. This is the case most often with public research institutions where 26% of the reviewed organisations rate the cooperation as excellent.

ABOUT THE INSTITUTE

The Institute for Evaluations and Social Analyses is the first research institute in the field of social sciences founded in the Czech Republic. It is an independent entity formed under the rules defined by the European Union (Article 1.3 (ee) of the Framework for State aid for research and development and innovation). The Institute is a research organisation under Act No. 130/2002 on the Support of Research and Development from Public Funds and is registered in the List of Research Organisations of the Research, Development and Innovation Council ("RVVI"). The objective of the Institute is to conduct fundamental research, applied research or experimental development and disseminate the results through teaching, publishing or technology transfer, with any and all profit reinvested in the above activities.

The core activities of INESAN are evaluations and social analyses. The topics that INESAN focuses on include ethical behaviour, managerial studies, ICT, environment and social topics. Thanks to its background in the methodology of applied social research, INESAN also processes surveys and methodological analyses. INESAN also provides expert services in creating methodological tools for evaluation, undertakes evaluations, participates in the preparation of tender documents, provides peer reviews of the individual documents related to evaluation and social research methodology. The publications, expert reports and opinions issued by INESAN are not biased by the attitudes of donors and clients; they present the independent views of INESAN experts.



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COOPERATION IN RESEARCH, DEVELOPMENT AND INNOVATIONS

BRIEF INFORMATION ON RESEARCH RESULTS 2014