

## Logframe (updated 30 January 2026)

Nota bene: the reporting on the outcome/output indicators will be disaggregated by the two components (RI call, ELI-Beamlines).

Impact	Impact Indicators (B – baseline value; T – target value)	Impact Sources and Means of Verification	
Enhanced excellence and international integration of Czech Research Infrastructures (RIs), achieved with contribution of bilateral collaboration between Czech and Swiss research institutions, increase of economic growth and competitiveness of the Czech Republic.	<p><b>Increased share</b> of internationally co-authored papers (B: 2024)</p> <p><b>Increased share</b> of new international partnerships formed by Czech RIs, including those involving Swiss institutions. (B: 2024)</p> <p><b>Growth</b> in R&amp;D investments in Czechia and an increase in technology transfers or patents resulting from collaborations. (B: 2024)</p>	<p>Use of <u>citation databases</u> (e.g., Web of Science, Scopus) to track the number of co-authored publications.</p> <p><u>Partnership agreements:</u> Documentation of new international partnerships, formal agreements, and memoranda of understanding (MOUs).</p> <p><u>Economic impact assessments:</u> Analysis of R&amp;D investments, technology transfers, and patents as reported by national statistics offices and relevant economic bodies.</p>	

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Outcomes (Support Measure objectives /purpose)	Outcome Indicators	Outcome: Sources and Means of Verification	Outcome Assumptions & Risks
1/ Improved Research Capabilities of Czech Research Infrastructures (RIs) <sup>1</sup>	<p>To measure the Outcomes 1/ and 2/ of the Programme, in addition to the quantitative data, a collection of qualitative data amongst the participating Research Infrastructures will be executed.</p> <p>1.1. Number of scientific publications, including co-authored publications by Czech and Swiss researchers in high-impact journals. (R&amp;I_CI_1) (B: 0, T: 38)</p> <p>1.2. Number of researchers having gained experience abroad in the framework of scientific research or innovation initiatives (R&amp;I_CI_2) (B: 0, T: 3)</p> <p>1.3. Number of new research methodologies developed or improved as a result of collaboration. (B: 0, T: 10)</p>	<p>Questionnaire with qualitative elements that will be developed and submitted to all participating Research Infrastructures in view of the last Report on the Programme.</p> <p>Records of the Project or Programme Component Operator</p> <p>Final report IS VaVal<sup>2</sup></p>	<p><b>A:</b> Programme Recognition: The programme is well-known and understood by stakeholders, ensuring it is integrated into the strategic plans of Czech and Swiss research institutions.</p> <p>Clear Objectives: The programme's objectives, tools, and performance indicators are clearly defined, supporting effective collaboration and research outcomes.</p> <p>Active Participation: Researchers from both countries are engaged in the programme, leading to increased publications, international experience, and development of new methodologies.</p> <p><b>R:</b> Limited Awareness: Insufficient awareness of the programme among target groups could lead to poor integration into institutional strategies and lower participation.</p>

<sup>1</sup> Czech RIs including ELI Beamlines

<sup>2</sup>Information System for Research, Experimental Development and Innovations (Section 30 of Act No 130/2002 on public funding of research, experimental development and innovations, amending certain acts (the Research, Experimental Development and Innovation Aid Act), as amended, and Government Regulation No 397/2009 on the information system for research, experimental development and innovations.)

			<p>Strategic Misalignment: Without clear understanding, the programme may not align with the needs of the institutions, resulting in under-utilization and failure to meet objectives.</p> <p>Low Participation: A lack of engagement from researchers could lead to fewer scientific outputs and less innovation, undermining the programme's goals.</p>
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<p><b>2/ Strengthened Capacity Building of Czech Research Infrastructures (RIs)<sup>3</sup></b></p>	<p><b>2.1. Number of innovations in products, processes or services developing the particular RI (R&amp;I_CI_3)</b> (B: 0, T: 26)</p> <p><b>2.2. Number of people benefiting from training to improve institutional and professional capacity (CC_CI_1)</b> (B: 0, T: 238)</p> <p><b>2.3. Increase in the number of RIs' users</b> (B: 2024, T: by 10 % in 2029)</p>	<p>Records of the Project or Programme Component Operator Final report</p> <p>IS VaVal</p>	<p><b>A:</b> Strong collaboration between Czech RIs and Swiss partners, ensuring the development of innovations, effective training, and increased user engagement. Availability of necessary resources, infrastructure, and institutional support to foster innovation, conduct training, and accommodate more users. High demand and active participation in training programs, with effective promotion and outreach to attract new users to Czech RIs.</p> <p><b>R:</b> Potential delays or challenges in innovation due to technical or resource constraints, and slow adoption of new innovations. Low participation in training programs, insufficient funding, or difficulty in measuring the long-term impact on capacity building. Overloading of research infrastructure due to increased user demand, and competition from other RIs potentially limiting new user growth.</p>
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<sup>3</sup> Czech RIs including ELI Beamlines

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<b>Outputs<sup>4</sup>:</b> Support Measure deliverables/results per outcome	<b>Output Indicators</b>	<b>Output: Sources and Means of Verification</b>	<b>Output Assumptions &amp; Risks</b>
<b>1/ Joint Scientific Publications submitted</b>	<b>1.1. Number of peer-reviewed scientific articles published (Result Code - J)</b> (B: 0, T: 20)	Records of Project- or Programme Operator  WoS, SCOPE  IS VaVal	<b>A:</b> Strong commitment from CZ and CH researchers to publish jointly. Access to necessary resources such as journals and publication platforms. <b>R:</b> Differences in research priorities or publication standards between CZ and CH institutions. Delays in the research process or publication due to unforeseen challenges.
<b>2/ Education and Training Activities organized</b>	<b>2.1. Number of joint workshops organized (Result Code – W)</b> (B: 0, T: 20) <b>2.2. Number of conferences organized (Result Code – M)</b> (B: 0, T: 10) <b>2.3. Number of “Science Days” for public organized</b> (B: 0, T: 20)  <b>2.4. Number of CZ students trained in the internship project on site (CZ RIs)</b> (B: 0, T: 35)	Records of Project- or Programme Operator / Annual reports and Final report  IS VaVal	<b>A:</b> High demand for education and training opportunities. Availability of expert trainers. Institutional support for participation in training activities. <b>R:</b> Low participation rates due to scheduling conflicts or lack of interest. Insufficient funding or logistical support to organize high-quality training activities.

<sup>4</sup> Outputs are relevant to both Programme components, i.e. ELI-Project and Call for RIs

<b>3/ Mobility and Knowledge Transfer</b>	<p><b>3.1. Number of CZ staff staying in CH institutions for at least 6 months</b> (B: 0, T: 10)</p> <p><b>3.2. Number of CZ staff staying in CH institutions for less than 6 months</b> (B: 0, T: 20)</p> <p><b>3.3. Number of CZ students staying in CH institutions for at least 6 months</b> (B: 0, T: 10)</p> <p><b>3.4. Number of CZ students staying in CH institutions for less than 6 months</b> (B: 0, T: 20)</p> <p><b>The same for CH staff and students staying in CZ institutions</b></p>	<p>Records of Project- or Programme Operator / Annual reports and Final report (Internal survey may be conducted)</p>	<p><b>A:</b> Strong interest in mobility programs from both Czech and Swiss researchers. Adequate funding and institutional support for extended stays at partner institutions. Effective mechanisms for knowledge transfer between Czech and Swiss institutions.</p> <p><b>R:</b> Logistical challenges in organizing and executing mobility programs. Potential cultural or language barriers that may hinder effective knowledge transfer. Limited availability of key personnel to participate in mobility programs.</p>
<b>4/ New Products, Technologies, Methodologies and Services developed / installed</b>	<p><b>4.1. Number of patents granted (Result Code – P)</b> (B: 0, T: 3-5)</p> <p><b>4.2. Number of methodologies approved (Result Code – N<sub>met</sub>)</b> (B: 0, T: 7)</p> <p><b>4.3. Number of specialised maps produced (Result Code – N<sub>map</sub>)</b> (B: 0, T: 2-4)</p> <p><b>4.4. Number of audiovisual works produced (Result Code – A)</b> (B: 0, T: 2-4)</p> <p><b>4.5. Number of special public databases produced (Result Code – S)</b> (B: 0, T: 2-4)</p> <p><b>4.6. Number of software produced (Result Code – R)</b> (B: 0, T: 2)</p>	<p>Records of Project- or Programme Operator / Annual reports and Final report</p> <p>IS VaVal</p>	<p><b>A:</b> Active collaboration between Czech and Swiss institutions in developing new technologies and methodologies. Sufficient resources and infrastructure to support the development and installation of new products. High demand for the products and services developed through the program.</p> <p><b>R:</b> Delays in the development process due to technical challenges or resource constraints. Insufficient market demand for the newly developed products or services. Intellectual</p>

	<b>4.7. Number of results projected into guidelines and other non-legislative regulations that are mandatory under the relevant provider (Result Code – H<sub>nonleg</sub>)</b> <b>(B: 0, T: 2)</b>		property disputes or challenges in patenting new technologies.
<b>5/ User Program (Open Access) enhanced / expanded and Transnational Access provided</b>	<b>5.1. Number of (open access) users in 2025-2028</b> <b>(B: 2024, T: increase by 10 % in 2029)</b>  <b>5.2. Number of CH users in 2025-2028</b> <b>(B: 2024, T: increase by 15-20 % in 2029)</b>  <b>5.3. Number of users from abroad in 2025-2028</b> <b>(B: 2024, T: increase by 15 % in 2029)</b>	Records of Project- or Programme Operator / Annual reports and Final report	<b>A:</b> High interest from international and Swiss researchers to utilize Czech research infrastructures through the open access program. Adequate capacity and resources to accommodate an increase in user numbers. Supportive policies and regulations facilitating transnational access. <b>R:</b> Overloading of research infrastructure due to increased demand, leading to scheduling conflicts. Challenges in maintaining the quality of service with a higher volume of users. Potential legal or regulatory barriers to providing transnational access.
<b>6/ Innovation fostered / Technology Transfer facilitated</b>	<b>6.1. Number of prototypes submitted (Result Code – G)</b> <b>(B: 0, T: 1-2)</b>  <b>6.2. Number of industrial users (fee-based access)</b> <b>(B: 0, T: 1-3)</b>	Records of Project- or Programme Operator / Annual reports and Final report (Internal survey may be conducted)	<b>A:</b> Strong interest from industry partners in collaborating on technology transfer initiatives. Availability of funding and resources to support innovation and prototype development. Effective communication and

	<b>6.3. “Innovation Guidebook” elaborated (B: 0, T: 1-3)</b>		collaboration channels between academia and industry. <b>R:</b> Slow uptake of new technologies by industry partners. Difficulties in securing industrial users or fee-based access. Challenges in developing and disseminating the "Innovation Guidebook" effectively.
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