# SELF-EVALUATION REPORT FOR MODULES 4 AND 5

 **HIGHER EDUCATION INSTITUTION NAME:**

**COMPANY REGISTRATION NUMBER (CRN):**

## MODULE 4 – VIABILITY

##### ORGANISATION AND MANAGEMENT OF R&D&I

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| 4.1 Organisation and management of R&D&IThe HEI will briefly describe its organisational structure[[1]](#footnote-1) and describe the R&D&I management system including the role of the HEI´s central management, the management of faculties, and the HEI´s institutes in organizing and managing R&D&I. It should also describe the role and structure of the technical and economic apparatus.*Maximum 1000 words.* |
| **Self-assessment:** |

######  R&D&I QUALITY MANAGEMENT AND SUPPORT SYSTEM

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| 4.2 System of support for a quality R&D&I environment and incentive measures for quality scienceThe HEI will briefly describe the systemic incentive measures/tools to support quality R&D&I (if applicable). For each measure/tool described, an example will be provided to illustrate the effectiveness of the measure/tool in practice (e.g. number of projects supported by internal grants, statistics on the use of advisory systems, number of newly established research teams, etc.). The description will pay particular attention to:* A system of support for attracting national and international projects of projects.
* A system for project consultancy/management/administrative support.
* Science management (e.g., personnel and financial capacity for R&D&I transfer, personnel and financial capacity of the project acquisition support system, science managers, data analysts, business and innovation advisors, etc.).
* The existence of internal funding schemes.
* Strategy/opportunities for establishing new research teams (including international ones) and supporting them within the HEI (e.g. sharing of R&D&I equipment, laboratory and information facilities, administrative support, etc.).
* Support system for students and early career researchers[[2]](#footnote-2).
* a system to support excellent science (e.g. support for excellent scientists, research teams, PhD students, collaborations, infrastructure, etc.).
* A system of support for interdisciplinary research and collaboration within the HEIs.
* The concept of providing conditions for the emergence of new, high quality research directions/topics, especially those with application potential.

*Maximum 300 words per point.* |
| **Self-assessment:** |

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| 4.3 Quality control system for R&D&I environmentThe HEI will briefly describe the system of internal and external evaluation of research units, including the following aspects:* Internal and external evaluation of R&D&I quality: This includes the evaluation of R&D&I by the HEI´s authorities, the evaluation of research teams (if such a system exists), and the involvement of international scientific councils or other independent advisory bodies in quality control and of R&D&I management.
* The ethical aspects of research: This includes adherence to ethical principles and good scientific practice, compliance with related legislation (codes of ethics, ombudspersons, ethics committees and ethics hotlines, and systems for reporting whistleblowing and ethical misconduct).

The HEI shall demonstrate the functioning of the quality control systems in the R&D&I environment by examples (e.g., brief information on the evaluations carried out and their results, specific examples of the use of whistleblowing or the handling of ethical violations, etc.).*Maximum 500 words plus 200 words for each example described (max. five).* |
| **Self-assessment:** |

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| 4.4 Sustainability and resilience of R&D&IThe HEI will describe the arrangements for sustainability and increasing the resilience of R&D&I, if such a system exists, and provide examples of its implementation. These include:* The sustainable development concept (strategy, objectives, plan and implementation).
* Social responsibility strategy.
* A knowledge transfer system, if it is established at central level.[[3]](#footnote-3)
* The third role, the transfer of R&D&I results to society and interaction with local actors.
* The concept of research data management (data collection, access and sharing of data, use of the information obtained for R&D&I management, responsibility for data files, archiving and backup of data).
* Ethics and personal data protection.
* Intellectual property protection.
* Ensuring institutional resilience (resistance to foreign influence, cyber security, risk prevention, prevention of misuse of R&D&I and knowledge transfer results, a system to prevent or mitigate the negative impacts of R&D&I and knowledge transfer in society).
* Digitisation and the use of smart technologies.
* The institutional strategy for Open Science 2.0/Open Access (if one exists), including information on the operation of the institutional repository or similar tools.
* A system for training undergraduate and postgraduate students as well as staff in the field of intellectual property protection and technology transfer.

The HEI will demonstrate the effectiveness of its procedures by examples (e.g., the number of people trained in intellectual property protection and technology transfer, data on the usage of Open Access repositories, handling of risk incidents, etc.).*Maximum 300 words per point.* |
| **Self-assessment:** |

##### PERSONNEL POLICY

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| 4.5 Structure of human resourcesThe HEI shall describe the current state, age structure, degree of internationalization and development trends of the staff involved in R&D&I, along with their distribution by a job title and gender for the evaluated period as detailed in annex tables (Tables 4.5.1 to 4.5.3) (including the provision of technical and economic facilities).*Maximum 1000 words.* |
| **Self-assessment:** |

4.5.1 Staff involved in R&D&I of the university (FTE) in the period under review

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Academic/professional position | Total year 1 | Of which women [%] | Of which foreign [%][[4]](#footnote-4) | Total year 5 | Of which women [%] | Of which foreign [%] |
| Professor |  |  |  |  |  |  |
| Associate Professor |  |  |  |  |  |  |
| Assistant Professor |  |  |  |  |  |  |
| Assistant |  |  |  |  |  |  |
| R&D Personnel[[5]](#footnote-5) |  |  |  |  |  |  |
| Researchers in other categories[[6]](#footnote-6) |  |  |  |  |  |  |
| Technical and economic staff[[7]](#footnote-7) |  |  |  |  |  |  |
| Early career researcher[[8]](#footnote-8) |  |  |  |  |  |  |
| Scientific, research and development staff involved in teaching activities |  |  |  |  |  |  |
| Total number of foreign nationals |  |  |  |  |  |  |

Note: The categories professor, associate professor, assistant professor, assistant, other scientific, research and development staff, scientific staff not falling into other categories and technical and economic staff are mutually exclusive, i.e. one staff member is reported under one category only. Scientific, research and development staff involved in teaching activities, as well as early career researchers are reported collectively for all the above-mentioned categories.

Note: The average number of hours worked is calculated as the ratio of the total number of hours actually worked during the reference period, from 1 January to 31 December, by all staff (including agreement on work activity, excluding agreement on work performance) to the total annual working time pool per full-time employee. The full- time status of the worker in the evaluated unit is always reported. If an employee holds more than one type of full-time job within the evaluated unit, the total sum of the two shall be reported.

4.5.2 Percentage of HEI´s staff involved in R&D&I, categorized by age structure, job title, and gender in the first year of the evaluation period (number of physical employees and staff)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Academic/professional position | Under 29 years [%]  | 30-39 years [%]  | 40-49 years [%]  | 50-59 years [%]  | 60-69 years [%]  | 70 years and over [%]  |
| Total | Women | Total | Women | Total | Women | Total | Women | Total | Women | Total | Women |
| Professor |  |  |  |  |  |  |  |  |  |  |  |  |
| Associate Professor |  |  |  |  |  |  |  |  |  |  |  |  |
| Assistant Professor |  |  |  |  |  |  |  |  |  |  |  |  |
| Assistant |  |  |  |  |  |  |  |  |  |  |  |  |
| Early career researcher [[9]](#footnote-9) |  |  |  |  |  |  |  |  |  |  |  |  |
| R&D Personnel [[10]](#footnote-10) |  |  |  |  |  |  |  |  |  |  |  |  |
| Researchers in other categories [[11]](#footnote-11) |  |  |  |  |  |  |  |  |  |  |  |  |
| Technical and economic staff [[12]](#footnote-12) |  |  |  |  |  |  |  |  |  |  |  |  |
| Scientific, research and development staff involved in teaching activities |  |  |  |  |  |  |  |  |  |  |  |  |

Note: The total number of employees/workers as of 31.12. of the calendar year in question is to be given, irrespective of the proportion of full-time equivalents, but only in an employment relationship, i.e. not including persons working parttime agreements. Other types of contractual relationships under the Civil Code that involve purchase of services are not included.

4.5.3 Percentage of HEI´s staff involved in R&D&I, categorized by age structure, job title, and gender in the last year of the evaluation period (number of physical employees and staff)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Academic/professional position | Under 29 years [%]  | 30-39 years [%]  | 40-49 years [%]  | 50-59 years [%]  | 60-69 years [%]  | 70 years and over [%]  |
| Total | Women | Total | Women | Total | Women | Total | Women | Total | Women | Total | Women |
| Professor |  |  |  |  |  |  |  |  |  |  |  |  |
| Associate Professor |  |  |  |  |  |  |  |  |  |  |  |  |
| Assistant Professor |  |  |  |  |  |  |  |  |  |  |  |  |
| Assistant |  |  |  |  |  |  |  |  |  |  |  |  |
| Early career researcher [[13]](#footnote-13) |  |  |  |  |  |  |  |  |  |  |  |  |
| R&D personnel [[14]](#footnote-14) |  |  |  |  |  |  |  |  |  |  |  |  |
| Researchers in other categories [[15]](#footnote-15) |  |  |  |  |  |  |  |  |  |  |  |  |
| Technical and economic staff [[16]](#footnote-16) |  |  |  |  |  |  |  |  |  |  |  |  |
| Scientific, research and development staff involved in teaching activities |  |  |  |  |  |  |  |  |  |  |  |  |

Note: The total number of employees/workers as of 31.12. of the calendar year in question is to be given, irrespective of the proportion of full-time equivalents, but only in an employment relationship, i.e. not including persons working parttime agreements. Other types of contractual relationships under the Civil Code that involve purchase of services are not included.

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| 4.6 Academic and Research CareersThe HEI will briefly describe the central system for HR recruitment, placing particular emphasis on recruitment from outside the HEI, especially from abroad, as well as system of career development of academic and research staff, if such system exists. Information will be provided on:* Career development rules and legislation related to the recruitment and career development of domestic and foreign employees (e.g. Career Code, HR Award, OTMR policy, etc.).
* International tenders.
* The process of new employee adaptation and mentoring.
* Transparent distribution of institutional time, attitudes towards chaining of contracts and senior academic positions.
* Rules for filling senior positions in the context of R&D&I.
* The rules and support system of sabbaticals.
* Measures for the return of workers after a stay in an external workplace, including a foreign workplace.
* Arrangements for workers to return after maternity/parental leave or other career breaks (e.g. caring for family members).
* Other relevant information at HEI discretion.

The HEI shall provide a reference to an existing career code or similar document (if one exists ). The HEI shall describe the effectiveness of the systems used with examples (e.g. a model example of the adaptation process, a specific anonymised example of an academic's career path, statistics on the return after maternity/parental leave or career breaks before and after the implementation of the measures, etc.).*Maximum 300 words per point.* |
| **Self-assessment:** |

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| 4.7 Gender equality measuresThe HEI will briefly describe the measures relating to the application of gender equality in the areas required for assessment criteria 4.5, 4.6, with an emphasis on:* Gender equality in recruitment and career development.
* Legislation and documents regulating gender equality (e.g. Gender Equality Plan, Action Plans, strategic documents for equality, including links to overarching strategies, etc.).
* The filling of leadership positions (including gender balance in leadership positions, see Table 4.7.1).
* Nominations to professional bodies.
* Evaluation and remuneration.
* Measures to reconcile the work and family life of researchers (flexible working hours, flexible forms of work, maternity/parental leave management, facilitating child/dependent care, age management in relation to gender).
* Measures to eliminate negative workplace behaviour such as mobbing and sexual harassment.

The HEI shall provide evidence of the examples from practice (e.g. use of flexible working hours, dealing with cases of mobbing or sexual harassment, compliance with the principles of gender equality in HEI professional bodies, etc.).*Maximum 300 words per point.* |
| **Self-assessment:** |

4.7.1 Gender balance in management positions

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Senior staff  |  | Year 1 |  |  | Year 5 |
| Men  |  | Women  | Men  |  | Women  |
| Rector  |  |  |  |  |  |  |
| Vice-Chancellor  |  |  |  |  |  |  |
| Dean[[17]](#footnote-17)  |  |  |  |  |  |  |
| Academic Senate  |  |  |  |  |  |  |
| Scientific/Artistic/Academic Council  |  |  |  |  |  |  |
| Quaestor  |  |  |  |  |  |  |
| Board of Directors  |  |  |  |  |  |  |

Note: If one person holds more than one of these positions within the HEI, he/she will be counted in each.

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| 4.8 Mobility of academic and research staff (including sectoral and inter-sectoral mobility)The HEI shall describe in a concise and structured manner its strategies and objectives for the mobility of academic and research staff (including PhD students), with particular emphasis on mobility related to the development of excellent science and interdisciplinary (intersectoral) mobility. The HEI shall identify potential barriers to mobility, including gender-based barriers. The HEI shall provide information on long-term stays abroad by its own academic staff or, conversely, by foreign staff at the HEI being evaluated.[[18]](#footnote-18)The achievement of the set objectives will be demonstrated by the HEI by describing specific examples of mobility or by brief statistics on mobility during the period under evaluation.*Maximum 500 words plus 200 words for each example given (max. five examples with a specific description of the relevance of mobility to the stated objectives).* |
| **Self-assessment:** |

##### RESEARCH INFRASTRUCTURE

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| 4.9 Research infrastructureThe HEI will describe the system for acquiring/optimizing expensive instruments and equipment, as well as refurbishing outdated expensive instruments. The HEI will also briefly present the internal organisation of the research infrastructure (including technology, expensive instruments, and instrumentation)[[19]](#footnote-19). The HEI will describe the system of sharing (including external research entities) of instruments and instrumentation, including expensive instruments and instrumentation units, referred to as 'core facilities' (if such a system exists). The HEI will demonstrate the effectiveness of the systems with examples (e.g., specific instruments acquired/optimised and their relevance to the achievement of research objectives, examples of sharing of expensive instruments and instrumentation, statistics on sharing of expensive instruments and instrumentation, etc.). The HEI will briefly comment on the data in Table 4.9.1.The HEI shall also indicate whether it hosts large research infrastructure projects. The name and a brief description will be provided.*Maximum 500 words plus 200 words for each example given (max. five examples).* |
| **Self-assessment:** |

4.9.1 Summary of expenditure/costs on research infrastructure and equipment for the period under review (including related non-investment and personnel costs).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Costs/expenses in thous. CZK/EUR/year | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Total value of assets[[20]](#footnote-20) |
| Costs/expenses related to the acquisition of small fixed assets for R&D&I |  |  |  |  |  |  |
| Cost of repairs and maintenance of equipment |  |  |  |  |  |  |
| Acquisition of tangible (DH) and intangible (DN) assets for R&D&I (investments) |
| Of which software |  |  |  |  |  |  |
| Of which other intangible fixed assets |  |  |  |  |  |  |
| Of which land, buildings and structures |  |  |  |  |  |  |
| Other intangible fixed assets (machinery, apparatus, equipment, etc. |  |  |  |  |  |  |
| Total infrastructure spending in years[[21]](#footnote-21)  |  |  |  |  |  |  |

##### FINANCES

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| 4.10 Budget and structure of financial resourcesThe HEI shall provide and comment on an overview of the total R&D&I budget in the period evaluated, broken down by organisational units of the evaluated HEI and by source of funds (Table 4.10.1). The HEI shall also comment on the shares of total costs/outputs covered by public and non-public sources by type of R&D&I for the period under evaluation as shown in Table 4.10.2.As complementary data, the university will provide an overview of prestigious research projects obtained during the evaluated period (ERC[[22]](#footnote-22), MSCA[[23]](#footnote-23), HHMI[[24]](#footnote-24), HFSP[[25]](#footnote-25), NSF[[26]](#footnote-26), Horizon Europe[[27]](#footnote-27), NIH[[28]](#footnote-28), Wellcome Trust[[29]](#footnote-29), EDF[[30]](#footnote-30), OP JAK[[31]](#footnote-31), OP TAK[[32]](#footnote-32), NPO[[33]](#footnote-33), GA ČR[[34]](#footnote-34), TA ČR[[35]](#footnote-35) etc.). Include information on the amount of funding received and whether the HEI were principal investigator or co-investigator in Tables 4.10.3, 4.10.4 and 4.10.5.[[36]](#footnote-36)In addition, the HEI will describe in more detail up to five of the most important projects from the list of prestigious individual projects abroad (ERC, MSCA, HHMI, HFSP, NSF, etc.), providing basic information at the HEI's discretion and regardless of the funder: title, field of expertise, agency, amount of funding, other project participants, and other relevant information as appropriate.*A maximum of 500 words plus 200 for each example of a prestigious international individual project given.* |
| **Self-assessment:** |

4.10.1 Total budget of the HEI

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of the HEI unit  | Total budget in thous. CZK/EUR  | Percentage of public funding in the Czech Republic  | Share of public funding from abroad in %  | Percentage of funding from other sources  |
|  |  |  |  |  |

4.10.2 Share [%] of total costs/outputs by type of R&D&I paid from public and non-public sources

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Year 1 | Year 2 | Year 3 | Year 4 | Year 4 | Total |
| Basic research |  |  |  |  |  |  |
| Applied Research |  |  |  |  |  |  |
| Experimental development and innovation |  |  |  |  |  |  |
| Total | 100 | 100 | 100 | 100 | 100 | 100 |

Note: For definitions see Definition of Terms in Methodology HEI2025+.

4.10.3 Projects supported by a foreign provider

|  |
| --- |
| In the role of beneficiary |
| Provider / Investor | Programme/Grant Scheme | Project name | Support (in thousands CZK/EUR) |
| Year 1  | Year 2 | Year 3 | Year 4 | Year 5 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |
| In the role of another participant |
| Provider / Investor | Programme/Grant Scheme | Project name | Support (in thousands CZK/EUR) |
| Year 1  | Year 2 | Year 3 | Year 4 | Year 5 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |

Note: For co-sponsorship projects, please only indicate the amount of funding for the evaluated HEI.

4.10.4 Projects supported by the Czech provider

|  |
| --- |
| In the role of beneficiary |
| Provider / Investor | Programme/Grant Scheme | Project name | Support (in thousands CZK/EUR) |
| Year 1  | Year 2 | Year 3 | Year 4 | Year 5 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |
| In the role of another participant |
| Provider / Investor | Programme/Grant Scheme | Project name | Support (in thousands CZK/EUR) |
| Year 1  | Year 2 | Year 3 | Year 4 | Year 5 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |

Note: Please summary list GA CR, TA CR and other departmental projects. For co-sponsor projects, please indicate the financial volumes for the HEI. Projects financed from EU structural funds and focused exclusively on R&D&I (e.g. OP JAK, OP TAK, NPO) and projects financed from regional sources focused exclusively on R&D&I list individually. For co-sponsoring projects, please indicate the financial volumes for the evaluated HEI only.

4.10.5 Projects supported from non-public sources

|  |
| --- |
| In the role of beneficiary |
| Provider / Investor  | Project name | Support (in thousands CZK/EUR) |
| Year 1  | Year 2 | Year 3 | Year 4 | Year 5 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Total |  |  |  |  |  |
| In the role of another participant |
| Provider / Investor  | Project name | Support (in thousands CZK/EUR) |
| Year 1  | Year 2 | Year 3 | Year 4 | Year 5 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Total |  |  |  |  |  |

Note: Indicate, for example, sponsorship donations, resources generated from other own economic activities, foreign subsidy programmes of private entities.

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| 4.11 Rules for the use of institutional support for the LCDROThe HEI will describe the strategy and rules for the use of institutional support for the LCDRO in the management of institutionally supported research activities (e.g., prioritisation of research topics by the HEI according to individual needs, internal grant agencies, incentive tools, support for excellent science) and the method for distribution of institutional support to individual departments/research teams for the period under review. The impact on the management of institutionally supported research activities will be described by the HEI using specific examples (e.g. distribution of institutional support in the evaluation period depending on the evaluation results, examples of supported excellent science projects, etc.).*Maximum 500 words plus 200 words for each example given (max. five examples).* |
| **Self-assessment:** |

##### NATIONAL AND INTERNATIONAL COOPERATION

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| 4.12 Important collaborations in R&D&IThe HEI will describe specific cases of R&D&I collaboration at the national level (maximum five examples) and the international level (maximum five examples), including examples of concrete results and impacts in the field of R&D&I beneficial for the HEI. *Maximum 300 words per example.* |
| **Self-assessment:** |

##### STUDIES

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| 4.13 Doctoral studiesThe HEI will briefly describe the organisation of the doctoral studies (if there are any doctoral study programmes[[37]](#footnote-37)). HEI will comment on:* Structure and organization of studies.
* A system of cooperation between PhD students and their supervisors.
* Basic statistics (including drop-out rate, student workload, etc.).
* Information on promotion and recruitment schemes.
* Cooperation within doctoral studies (e.g., Czech Academy of Sciences, application sphere, building open study programmes for foreign nationals and creating international networks of study programmes, "joint degree", "cotutelle", etc.).
* Student care system (e.g. counselling, wellbeing care, career guidance).
* A system for tracking the future careers of graduates[[38]](#footnote-38).
* Other relevant data, such as the existence of a doctoral school, basic soft skills courses, etc. at the discretion of the HEI.

The HEI shall support this with appropriate examples (e.g. a model example of doctoral student cooperation with their supervisor, statistics on collaboration within doctoral studies, specific examples within doctoral studies, statistics on the use of student care systems, etc.).*Maximum 300 words per point.* |
| **Self-assessment:** |

##### IMPLEMENTATION OF RECOMMENDATIONS

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| 4.14 Implementation of the recommendations in Module 4The HEI will briefly describe how it has implemented the recommendations for Module 4 from the previous evaluation period, if applicable.*Maximum 1000 words* |
| **Self-assessment:** |

##### A LIST OF SUPPORTING DOCUMENTS/LINKS FOR MODULE 4

|  |  |  |
| --- | --- | --- |
| **Document name**  | **No. criteria**  | **Location (link in HTML)**  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## MODULE 5 - STRATEGY AND POLICIES

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| 5.1 Mission and vision of the evaluated institution in R&D&IThe HEI will briefly describe its mission and vision with emphasis on R&D&I in general and its R&D&I capacities in the implemented R&D&I fields[[39]](#footnote-39) (Tables 5.1.1 and 5.1.2). In particular, the HEI’s vision covers the following five-year period and must relate to the strategic objectives of the Provider, the National Policy on Research, Development, and Innovation of the Czech Republic 2021+, the Gender Equality Strategy 2021-2030, and other higher national and supranational strategic documents in the field of R&D&I (Table 5.1.3). The HEI shall complement the description with active references to its Strategic plan for the teaching, scholarly, scientific, research, development, artistic, and other creative activities of the higher education institution (regarding the results and recommendations from the previous evaluation period, if the evaluated HEI participated in it). The HEI shall describe how the vision and mission were implemented during the evaluation period. *Maximum 2000 words.* |
| **Self-assessment:** |

5.1.1 R&D&I capacities of HEI in the year of evaluation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field of Research | FORD | FORD share [%] | Predominant type of research | Total share of field of reaserch [%] |
| 1. Natural Sciences | 1.1 Mathematics |  | Zvolte položku. |  |
| 1.2 Computer and information sciences |  | Zvolte položku. |
| 1.3 Physical sciences |  | Zvolte položku. |
| 1.4 Chemical sciences |  | Zvolte položku. |
| 1.5 Earth and related environmental sciences |  | Zvolte položku. |
| 1.6 Biological sciences |  | Zvolte položku. |
| 1.7 Other natural sciences |  | Zvolte položku. |
| 2. Engineering and Technology | 2.1 Civil engineering |  | Zvolte položku. |  |
| 2.2 Electrical engineering, Electronic engineering, Information engineering |  | Zvolte položku. |
| 2.3 Mechanical engineering |  | Zvolte položku. |
| 2.4 Chemical engineering |  | Zvolte položku. |
| 2.5 Materials engineering |  | Zvolte položku. |
| 2.6 Medical engineering |  | Zvolte položku. |
| 2.7 Environmental engineering |  | Zvolte položku. |
| 2.8 Environmental biotechnology |  | Zvolte položku. |
| 2.9 Industrial biotechnology |  | Zvolte položku. |
| 2.10 Nanotechnology |  | Zvolte položku. |
| 2.11 Other engineering and technologies |  | Zvolte položku. |
| 3. Medical and Health Sciences | 3.1 Basic medicine |  | Zvolte položku. |  |
| 3.2 Clinical medicine |  | Zvolte položku. |
| 3.3 Health sciences |  | Zvolte položku. |
| 4. Agricultural and veterinary sciences | 4.1 Agriculture, Forestry, and Fisheries |  | Zvolte položku. |  |
| 4.2 Animal and Dairy science |  | Zvolte položku. |
| 4.3 Veterinary science |  | Zvolte položku. |
| 4.4 Other agricultural sciences |  | Zvolte položku. |
| 5. Social Sciences | 5.1 Psychology and cognitive sciences |  | Zvolte položku. |  |
| 5.2 Economics and Business |  | Zvolte položku. |
| 5.3 Education |  | Zvolte položku. |
| 5.4 Sociology |  | Zvolte položku. |
| 5.5 Law |  | Zvolte položku. |
| 5.6 Political science |  | Zvolte položku. |
| 5.7 Social and economic geography |  | Zvolte položku. |
| 5.8 Media and communications |  | Zvolte položku. |
| 5.9 Other social sciences |  | Zvolte položku. |
| 6. Humanities and the Arts | 6.1 History and Archaeology |  | Zvolte položku. |  |
| 6.2 Languages and Literature |  | Zvolte položku. |
| 6.3 Philosophy, Ethics and Religion |  | Zvolte položku. |
| 6.4 Arts (arts, history of arts, performing arts, music) |  | Zvolte položku. |
| 6.5 Other Humanities and the Arts |  | Zvolte položku. |
| Total | 100 % | - | 100 % |

5.1.2 Target R&D&I capacities of HEI for the next five-year period

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field of Research | FORD | FORD share [%] | Predominant type of research | Total share of field of reaserch [%] |
| 1. Natural Sciences | 1.1 Mathematics |  | Zvolte položku. |  |
| 1.2 Computer and information sciences |  | Zvolte položku. |
| 1.3 Physical sciences |  | Zvolte položku. |
| 1.4 Chemical sciences |  | Zvolte položku. |
| 1.5 Earth and related environmental sciences |  | Zvolte položku. |
| 1.6 Biological sciences |  | Zvolte položku. |
| 1.7 Other natural sciences |  | Zvolte položku. |
| 2. Engineering and Technology | 2.1 Civil engineering |  | Zvolte položku. |  |
| 2.2 Electrical engineering, Electronic engineering, Information engineering |  | Zvolte položku. |
| 2.3 Mechanical engineering |  | Zvolte položku. |
| 2.4 Chemical engineering |  | Zvolte položku. |
| 2.5 Materials engineering |  | Zvolte položku. |
| 2.6 Medical engineering |  | Zvolte položku. |
| 2.7 Environmental engineering |  | Zvolte položku. |
| 2.8 Environmental biotechnology |  | Zvolte položku. |
| 2.9 Industrial biotechnology |  | Zvolte položku. |
| 2.10 Nanotechnology |  | Zvolte položku. |
| 2.11 Other engineering and technologies |  | Zvolte položku. |
| 3. Medical and Health Sciences | 3.1 Basic medicine |  | Zvolte položku. |  |
| 3.2 Clinical medicine |  | Zvolte položku. |
| 3.3 Health sciences |  | Zvolte položku. |
| 4. Agricultural and veterinary sciences | 4.1 Agriculture, Forestry, and Fisheries |  | Zvolte položku. |  |
| 4.2 Animal and Dairy science |  | Zvolte položku. |
| 4.3 Veterinary science |  | Zvolte položku. |
| 4.4 Other agricultural sciences |  | Zvolte položku. |
| 5. Social Sciences | 5.1 Psychology and cognitive sciences |  | Zvolte položku. |  |
| 5.2 Economics and Business |  | Zvolte položku. |
| 5.3 Education |  | Zvolte položku. |
| 5.4 Sociology |  | Zvolte položku. |
| 5.5 Law |  | Zvolte položku. |
| 5.6 Political science |  | Zvolte položku. |
| 5.7 Social and economic geography |  | Zvolte položku. |
| 5.8 Media and communications |  | Zvolte položku. |
| 5.9 Other social sciences |  | Zvolte položku. |
| 6. Humanities and the Arts | 6.1 History and Archaeology |  | Zvolte položku. |  |
| 6.2 Languages and Literature |  | Zvolte položku. |
| 6.3 Philosophy, Ethics and Religion |  | Zvolte položku. |
| 6.4 Arts (arts, history of arts, performing arts, music) |  | Zvolte položku. |
| 6.5 Other Humanities and the Arts |  | Zvolte položku. |
| Total | 100 % | - | 100 % |

5.1.3 Relation to the strategic objectives of the provider and strategic documents in the field of R&D&I

|  |  |
| --- | --- |
| **Strategic document**  | **Follow-up**  |
|  |  |
|  |  |
|  |  |
|  |  |

|  |
| --- |
| 5.2 Research and development objectivesThe HEI will describe its intentions and goals for the next five-year period. The objectives in the field of research development, innovation, and knowledge transfer as well as the objectives in the field of cooperation with public administration, entrepreneurs, and non-profit organisations will be described in relation to the mission, vision and disciplinary capacities of the HEI. Furthermore, the objectives for the development of the HEI as a research organisation will be described, in the areas of human potential development, institutional resilience, the implementation of open science and adherence to the principles of ethics, scientific integrity, and good practice, and their interrelationship with R&D&I objectives. The objectives described must be consistent with the Strategic plan for the teaching, scholarly, scientific, research, development, artistic and other creative activities of the higher education institution.*Maximum 2000 words.* |
| **Self-assessment:** |

|  |
| --- |
| 5.3 Institutional tools and measures for the implementation of the research and development strategyThe HEI will describe its institutional and strategic tools (e.g., strategic management tools, tools created to support the implementation of research objectives, legal and organisational norms in relation to R&D&I support, etc.) that are designed to fulfil the research and development objectives for the next five-year period (Table 5.3.1), with an emphasis on:* Supporting quality R&D&I.
* Excellent science.
* Innovative environment and increasing the international or disciplinary competitiveness of the HEI's research activities.
* Development of human potential.
* Institutional resilience.
* Adherence to ethical principles, scientific integrity and good practice in R&D&I.

*Maximum 2000 words.* |
| **Self-assessment:** |

5.3.1 Institutional tools and measures for the implementation of the research and development strategy

|  |  |  |  |
| --- | --- | --- | --- |
| Name of instrument/measure  | Description of the tool/measure  | Implementation status  | Year  |
|  |  | Zvolte položku. |  |
|  |  | Zvolte položku. |  |

|  |
| --- |
| 5.4 Implementation of the recommendations in Module 5The HEI will briefly describe how it has implemented the recommendations for Module 5 from the previous evaluation period, if applicable.*Maximum 1000 words* |
| **Self-assessment:** |

##### A LIST OF SUPPORTING DOCUMENTS/LINKS FOR MODULE 5

|  |  |  |
| --- | --- | --- |
| **Document name**  | **No. criteria**  | **Location (link in HTML)**  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

1. A graphical representation of the organisational structure will be provided as an annex. [↑](#footnote-ref-1)
2. Student grants, support for PhD students, postdocs and early career scientists. [↑](#footnote-ref-2)
3. If the knowledge transfer system is decentralised to the unit level, the HEI shall describe how the system works. [↑](#footnote-ref-3)
4. Researchers with Slovak citizenship are not considered foreign. [↑](#footnote-ref-4)
5. The category "Other scientific, research and development personnel" includes technical and professional personnel who are not directly involved in R&D&I but are indispensable for the research activity (e.g. operators of research facilities). [↑](#footnote-ref-5)
6. The category "Researchers not falling under other categories" includes all other staff who cannot be classified under any of the above categories (e.g. independent researcher/scientist). [↑](#footnote-ref-6)
7. Who participates in the management and support of R&D&I in the institution. [↑](#footnote-ref-7)
8. See Definition of Terms in Methodology HEI2025+. [↑](#footnote-ref-8)
9. See Definition of Terms in Methodology HEI2025+. [↑](#footnote-ref-9)
10. The category "Other scientific, research and development personnel" includes technical and professional personnel who are not directly involved in R&D&I but are indispensable for the research activity (e.g. operators of research facilities). [↑](#footnote-ref-10)
11. The category "Researchers not falling under other categories" includes all other staff who cannot be classified under any of the above categories (e.g. independent researcher/scientist). [↑](#footnote-ref-11)
12. Who participates in the management and support of R&D&I in the institution. [↑](#footnote-ref-12)
13. See definitions in Methodology HEI2025+. [↑](#footnote-ref-13)
14. The category "Other scientific, research and development personnel" includes technical and professional personnel who are not directly involved in R&D&I but are indispensable for the research activity (e.g. operators of research facilities). [↑](#footnote-ref-14)
15. The category "Researchers not falling under other categories" includes all other staff who cannot be classified under any of the above categories (e.g. independent researcher/scientist). [↑](#footnote-ref-15)
16. Who participates in the management and support of R&D&I in the institution. [↑](#footnote-ref-16)
17. or other head of a relevant work unit of a higher education institution under Section 22(1) of the Higher Education Act performing R&D&I activities, regardless of the designation. [↑](#footnote-ref-17)
18. Long-term mobility means an uninterrupted period of more than three months. [↑](#footnote-ref-18)
19. The definition of research infrastructure is set out in the Framework for State Aid for Research, Development and Innovation (2014/C 198/01) and Commission Regulation (EU) No 651/2014 of 17 June 2014 declaring certain categories of aid compatible with the internal market in accordance with Articles 107 and 108 of the Treaty. [↑](#footnote-ref-19)
20. Enter the sum of the row. [↑](#footnote-ref-20)
21. Enter the sum of the column. [↑](#footnote-ref-21)
22. The European Research Council (ERC) is part of the 'Excellent Science' pillar of Horizon Europe. The ERC funds cutting-edge research by supporting individual Principal Investigators and their research teams. [↑](#footnote-ref-22)
23. Marie Skłodowska-Curie Action (MSCA) is part of the "Excellent Science" pillar of Horizon Europe and is also aimed at supporting young researchers, including PhD students. [↑](#footnote-ref-23)
24. Howard Hughes Medical Institute - a non-profit organization in the USA significantly supporting international biomedical research. [↑](#footnote-ref-24)
25. Human Frontier Science Program - an international programme to support research, particularly in the natural sciences and computer science. [↑](#footnote-ref-25)
26. National Science Foundation (USA). [↑](#footnote-ref-26)
27. Horizon Europe - the EU's 9th Framework Programme for research and innovation, running from 2021-2027. [↑](#footnote-ref-27)
28. National Institutes of Health (NIH) - an agency under the United States Department of Health and Human Services. NHI is a major player in project support for biomedical research. [↑](#footnote-ref-28)
29. major UK private foundation supporting mainly biomedical research. [↑](#footnote-ref-29)
30. European Defence Fund. [↑](#footnote-ref-30)
31. Operational Programme Jan Ámos Komenský - Priority 1 - Research and Development - multiannual programme under the Ministry of Education, Youth and Sports. Within the framework of the OP JAK it is possible to draw financial resources from the European Structural and Investment Funds (ESIF) in the period 2021-2027. [↑](#footnote-ref-31)
32. Operational Programme Technologies and Applications for Competitiveness. The European Regional Development Fund (ERDF) is available in the period 2021-2027 to co-finance business projects in the areas of research, development and innovation, digitalisation and digital infrastructure, business development, smart and sustainable energy and the circular economy. [↑](#footnote-ref-32)
33. National Recovery Plan - under Pillar 5 - Research, Development and Innovation of the National Recovery Plan, the Recovery and Resilience Facility (RRF) is available for the period 2022-2026. [↑](#footnote-ref-33)
34. Grant Agency of the Czech Republic. [↑](#footnote-ref-34)
35. Technology Agency of the Czech Republic. [↑](#footnote-ref-35)
36. The military and the police HEIs, as parts of the organisational unit of the state, are treated specifically in terms of the possibility to participate in the projects. [↑](#footnote-ref-36)
37. If the HEI does not organise any doctoral programme, it will explicitly state this information in the self-evaluation report. [↑](#footnote-ref-37)
38. The HEI will list the top five highest ranked graduates in academia, the private sector, and public administration over the past five years. [↑](#footnote-ref-38)
39. For so-called R&D&I capacities, see Definition of Terms in Methodology HEI2025+. [↑](#footnote-ref-39)