# SELF-EVALUATION REPORT IN MODULES 4 AND 5

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**UNIVERSITY:**

**COMPANY REGISTRATION NUMBER (CRN):**

## MODULE 4 VIABILITY

### ORGANISATION, MANAGEMENT AND SUPPORT FOR R&D&I

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| **4.1 Organisation and management of R&D&I**  The university gives a concise account of its management system and organisational structure for R&D&I, highlighting the following aspects:   * the role of the rector’s office, dean’s office and the management of the university’s institutes in the organisation and management of R&D&I, * the involvement of international scientific councils or other independent advisory bodies (if any), * the university’s organisational structure in relation to R&D&I (e.g. the internal structuring of institutes and departments into research or project teams, if there is any such structuring; interdisciplinary research centres, etc.), * the relevant internal regulation is included as an appendix to the general information on remuneration at the university.   It also briefly comments on data from the appendix (tables 4.1.1 and 4.1.2) on the number and structure of the university’s employees contributing to R&D&I. |

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| **4.2 Support system of R&D&I and measures to stimulate high-quality science**  The university gives a concise account of systemic stimulation measures / tools (if any) to promote quality of R&D&I. This can be done in a bulleted list for the university as a whole. |

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| **4.3 Institutional regulations for the use of institutional support for the LCDRO**  The university describes its strategy for using institutional support for the LCDRO in managing institutionally supported research work (e.g. prioritising the university’s research topics in line with individual needs; internal grant agencies; motivational tools) and how institutional support was split among individual workplaces / research teams in the 2014–2018 reporting period. |

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| **4.4 Strategy for the establishing, financing and long-term development and sustainability of research centres and large research infrastructures**[[1]](#footnote-1)**(if any)**  The university gives a concise account of its strategy for the sustainability and development of its large research infrastructure, if it is the host organisation for such a project. It also describes its strategy for the sustainability and development of its research centre(s) developed in 2007–2015 under the European Structural Funds (Operational Programmes: Research and Development for Innovations, Prague – Competitiveness) and supported during the sustainability period under the National Sustainability Programme, if such a research centre is part of the university. |

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| **4.5 Training system in the area of intellectual property protection and technology transfer**  The university gives a concise account of its internal system for training undergraduate and postgraduate students and employees in the area of intellectual property protection and technology transfer (if there is such a training system). |

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### DOCTORAL STUDIES

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| **4.6 Organisation of doctoral studies**  The university gives a concise account of the organisation and management of doctoral studies: structure, key statistics, information on promotion and recruitment schemes, external communications concerning doctoral studies (e.g. cooperation with the Czech Academy of Sciences, cooperation with the application sphere, recruitment abroad, etc.), eventually any other relevant information such as the existence of a doctoral school, basic courses in soft skills, etc. |

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| **4.7 Internationalisation of doctoral studies**  The university gives an account, with specific examples, of international cooperation in doctoral studies, e.g. building open doctoral study programmes for foreign nationals and creating international networks for doctoral studies; care for foreign students coming within the framework of mobility; support and the existence of joint individual doctoral studies as part of international cooperation (e.g. joint degrees), individual contracts (e.g. cotutelle degrees), study visits and research internships abroad, etc. |

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| **4.8 Subsequent careers for doctoral graduates** (support conditions)  The university lists specific measures to support doctoral graduates (e.g. internal subsidy schemes for the further development of new scientists, postdoctoral fellows, active search for opportunities abroad, etc.) and provides representative data in the appendix (table 4.8.1) to illustrate subsequent careers for doctoral graduates, with a maximum of ten examples of how graduates proved themselves in the 2014–2018 reporting period. |

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| **4.9 Rules for funding doctoral students, including foreign students** (stimulation and motivation tools)  The university provides information on methods for funding doctoral students (Ph.D. students), including foreign students, covering personal expenses (grants) and other expenses. The university also lists specific stimulation and motivation tools of the financial support for doctoral students in addition to their regular grants. |

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### NATIONAL AND INTERNATIONAL COOPERATION AND MOBILITY IN R&D&I

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| **4.10 Significant cooperation in R&D&I at national level**  The university gives a maximum of five specific examples of cooperation in R&D&I at national level. |

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| **4.11 Significant cooperation in R&D&I at international level**  The university gives a maximum of ten specific examples of cooperation in R&D&I at international level. The university briefly describes the forms of international cooperation (at their own discretion). It also presents in brief the specific results and impacts on R&D&I for the university resulting from the international cooperation described above, presenting a maximum of ten examples. |

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| **4.12 Mobility of academic staff and researchers** (including segmental and intersegmental mobility)  The university gives a concise and structured account of the mobility of its academic staff and researchers, covering the following areas:   * the mobility of doctoral students and academic staff in connection with R&D&I (strategy, system, policies), with a maximum of ten specific examples that it considers especially fruitful, * any barriers to the mobility of academic staff and researchers. |

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| **4.13 Internationalisation of the internal environment**  The university describes the basic framework for the internationalisation of its internal environment in relation to R&D&I and lists the tools to meet the objectives of internationalisation and how they are implemented. Any barriers to internationalisation can also be mentioned. |

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| **Self-evaluation:** |

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### HUMAN RESOURCES AND CAREERS IN R&D&I

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| **4.14 System for career growth for academic staff and researchers**  The university describes the system for career growth for academic staff and researchers. It presents information on long-term placements for own academic staff abroad, and for foreign academics at the evaluated university (i.e. sabbaticals, whether there are particular regulations or a support system); international selection procedures; regulations for career growth; mentoring (if any); the transparent distribution of institutional Full Time Equivalents (FTE´s); its position on successive contracts and senior academic posts; arrangements for staff to return after placements at external workplaces, including abroad; any other information the university considers relevant. It provides a link to any career regulations or similar document (if any). |

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| **4.15 Evaluation system of academic staff and researchers and filling key positions in R&D&I**  The university gives a concise account of its evaluation system of academic staff and researchers (the basic rules and principles for internal evaluation) and the rules for filling senior positions in relation to R&D&I. |

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| **4.16 Recruitment system for academic staff and researchers from the external environment**  The university gives a concise account of its recruitment system for academic workers from the external environment, especially from other countries (if there is any such system at faculty or university level). |

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| **4.17 Human resources structure**  In the appendix the university describes the current situation, age structure and development trend for staff contributing to R&D&I, and their structure by job classification and gender in the 2014–2018 reporting period (tables 4.17.1 and 4.17.2), including workers who are foreign nationals (apart from Slovak nationals) contributing to the university’s R&D&I (table 4.17.3).  The university states whether it holds an HR Award, or whether the university aims to receive one and how it is done. |

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| **4.18 Gender equality measures**  The university gives a concise account of measures concerning the implementation of gender equality in the areas required for evaluation criteria 4.14, 4.15 and 4.16, highlighting the career path, the recruitment process, the filling of senior positions (including gender equality in senior positions; tables 4.18.1 and 4.18.2), nominations to professional bodies, the evaluation system and remuneration. It also gives a concise account of measures to harmonise family life and work for researchers (flexible working hours, flexible forms of work, management of maternity / parental leave, facilitating childcare and care for family members, age management in relation to gender) and measures to eliminate negative behaviour in the workplace such as mobbing or sexual harassment. |
| **Self-evaluation:** |

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### FUNDING FOR R&D&I

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| **4.19 Structure of funding for R&D&I**  The university comments on the proportions of total costs/expenditure paid from public and non-public sources by the type of R&D&I in the 2014–2018 reporting period according to table 4.19.1 in the appendix.  As complementary data to the tables 4.19.2, 4.19.3 and 4.19.4 in the appendix, the university presents an overview of research projects obtained in the 2014–2018 reporting period, with information on the level of funding raised and whether these were solo or collaborative projects. It briefly comments on the data in the tables.  The university also lists the five most significant projects from the aforementioned list of prestigious international individual projects (ERC[[2]](#footnote-2) , MSCA[[3]](#footnote-3), HHMI[[4]](#footnote-4), HFSP[[5]](#footnote-5), NSF[[6]](#footnote-6), etc.) with basic information (at the university’s discretion and regardless of who the provider is: title, specialisation, agency, level of funding, other project participants and any other relevant information). |

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| **4.20 Support for obtaining foreign research projects** (including the strategy for obtaining prestigious foreign funding for R&D&I)  The university gives a concise account of its strategy, tools and support system for obtaining foreign research projects, e.g. arrangements for administrative support, project counselling, management of information on R&D&I, organising project management, the existence of auxiliary funding (internal subsidies) to help produce quality applications, etc. |

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### FORMATIVE EVALUATION OF R&D&I AND THE START-UP STRATEGY (WITH POTENTIAL FOR APPLICATION)

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| **4.21 Internal and external system for evaluating research units** (groups, teams, departments, institutes)  The university gives a concise account of the system for the internal and external evaluation of research units, and the internal and external system for monitoring / evaluating research teams / groups / departments / institutes (if there is such a system). |

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| **4.22 Conditions for setting up new teams and introducing new research topics** (start-up strategy)  The university describes its strategy / options for setting up new research teams (including international teams), support for their work at the university (sharing instruments, laboratories and information equipment for R&D&I) and the policy for ensuring conditions in place for the creation of new high-quality research focuses / topics, above all with potential for application. |

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| **4.23 External advisory bodies for R&D&I, independent feedback for R&D&I**  The university gives a concise account of its external advisory body for R&D&I (if any), e.g. an international scientific council. |

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| **Self-evaluation:** |

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### RESEARCH INFRASTRUCTURE

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| **4.24 System for acquiring and renewing instruments and equipment for R&D&I**  The university describes its system for acquiring / optimising the acquisition of expensive instruments and equipment and the renewal of older expensive instruments. It briefly comments on the data from the appendix (table 4.24.1). |

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| **Self-evaluation:** |

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| **4.25 System for sharing instruments and equipment for R&D&I**  The university outlines the internal organisation of its research infrastructure (technologies, expensive instruments and instrument sets). It describes its system for sharing (including sharing with external research organisations and researchers) expensive instruments and instrument sets, i.e. its core facilities (if there is such a system) and the sharing of instruments and instrument sets. |

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### GOOD PRACTICE IN R&D&I

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| **4.26 Internal regulations and measures for maintaining good practice in R&D&I** (e.g. Code of Conduct for Research Integrity, ethical issues)  The university gives a concise account of how it oversees compliance with the ethical aspects of R&D&I. It presents a brief description of the system (which may include links to the statute and rules of procedure for the ethics committee(s), if there are any), e.g. in connection with the European Code of Conduct for Research Integrity. |

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| **4.27 Open Access strategy for information from R&D&I**  The university gives a concise account of its institutional strategy for Open Science 2.0/Open Access (if any), including e.g. the operation of an institutional repository or other tools. |

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| **Self-evaluation:** |

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| **4.28 Data Management strategy for research data**  The university describes its policy for managing research data, e.g. comments on how data is collected, made accessible and shared; intellectual property protection; personal data ethics and protection; archiving; backup; risk management; responsibility for datasets; quality assurance, etc. |

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### APPENDICES (TABLES)

##### 4.1 Organisation and management of R&D&I

###### 4.1.1 Structure of staff contributing to the university’s R&D&I (numbers of physical employees and workers)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Academic/professional position/year | Total | | | | | | Of whom women | | | | | |
| 2014 | 2015 | 2016 | 2017 | 2018 | total | 2014 | 2015 | 2016 | 2017 | 2018 | total |
| Professors |  |  |  |  |  |  |  |  |  |  |  |  |
| Associate professors |  |  |  |  |  |  |  |  |  |  |  |  |
| Assistant professors |  |  |  |  |  |  |  |  |  |  |  |  |
| Assistants |  |  |  |  |  |  |  |  |  |  |  |  |
| Scientific, research and development staff contributing to teaching |  |  |  |  |  |  |  |  |  |  |  |  |
| Postdoctoral fellows |  |  |  |  |  |  |  |  |  |  |  |  |
| Ph.D. students |  |  |  |  |  |  |  |  |  |  |  |  |
| Other scientific, research and development staff |  |  |  |  |  |  |  |  |  |  |  |  |
| Scientific staff outside the above categories |  |  |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |  |  |

Note: This is the total number of employees/workers as at 31 December of the calendar year in question (in full-time or part-time employment, excluding persons with contracts for services or contracts for work). They do not include other contractual arrangements under the Civil Code concerning the purchasing of services.

Note: “Postdoctoral fellows” are staff at the research institution or university up to five years after defending their Ph.D. qualifications or equivalent. They work as part of the institution’s research team, usually under the guidance of experienced scientific staff on specific tasks, and they publish their results both individually and as part of their teams. They have fixed-term employment contracts with the research institution (for 1–3 years) for between one and a maximum of three successive terms of employment. Their salaries are subject to the rules for the institution’s salary system, and they may additionally receive remuneration as part of their research grant projects.

“Ph.D. students” is the number of doctoral students regardless of whether they are employed or not.

“Other scientific, research and development staff” covers technical and professional staff who are not directly involved in R&D&I, but are indispensable for research work (e.g. servicing the research facility).

“Scientific staff outside the above categories” covers all other staff who cannot be classified under any of the categories listed (e.g. independent scientific/research workers).

###### 4.1.2 Structure of staff contributing to the university’s R&D&I (average converted numbers)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Academic/professional position/year | Total | | | | | | Of whom women | | | | | |
| 2014 | 2015 | 2016 | 2017 | 2018 | total | 2014 | 2015 | 2016 | 2017 | 2018 | total |
| Professors |  |  |  |  |  |  |  |  |  |  |  |  |
| Associate professors |  |  |  |  |  |  |  |  |  |  |  |  |
| Assistant professors |  |  |  |  |  |  |  |  |  |  |  |  |
| Assistants |  |  |  |  |  |  |  |  |  |  |  |  |
| Scientific, research and development staff contributing to teaching |  |  |  |  |  |  |  |  |  |  |  |  |
| Postdoctoral fellows |  |  |  |  |  |  |  |  |  |  |  |  |
| Ph.D. students |  |  |  |  |  |  |  |  |  |  |  |  |
| Other scientific, research and development staff |  |  |  |  |  |  |  |  |  |  |  |  |
| Scientific staff outside the above categories |  |  |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |  |  |  |  |

Note: The average converted number is the proportion of the total number of hours worked over the monitoring period from 1 January to 31 December by all workers (excluding persons with contracts for services or contracts for work) and the total annual working hours of a full-time employee.

##### 4.8 Subsequent careers for doctoral graduates

###### 4.8.1 Information on subsequent careers for doctoral graduates

|  |  |  |  |
| --- | --- | --- | --- |
| Graduate’s name, surname (initials) and degrees | Discipline in which the graduate obtained a Ph.D. in the Czech Republic | Year in which Ph.D. was obtained | Subsequent career |
| Employer, position, employment period |
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Note: List a maximum of ten examples of doctoral graduates who achieved significant professional success in the 2014–2018 reporting period. This may include graduates who graduated in the reporting period or within the five years prior to the reporting period (i.e. from 2009 onwards). If the graduates’ names are not publicly accessible, please give their initials.

##### 4.17 Human resources structure

###### 4.17.1 Age structure of university staff contributing to R&D&I and their structure by job classification and gender in 2014 (numbers of physical employees and workers)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Academic/  professional position | 29 or under | | 30 – 39 years | | 40 – 49 years | | 50 – 59 years | | 60 – 69 years | | 70 or over | |
| Total | Women | Total | Women | Total | Women | Total | Women | Total | Women | Total | Women |
| Professors |  |  |  |  |  |  |  |  |  |  |  |  |
| Associate professors |  |  |  |  |  |  |  |  |  |  |  |  |
| Assistant professors |  |  |  |  |  |  |  |  |  |  |  |  |
| Assistants |  |  |  |  |  |  |  |  |  |  |  |  |
| Scientific, research and development staff contributing to teaching |  |  |  |  |  |  |  |  |  |  |  |  |
| Postdoctoral fellows |  |  |  |  |  |  |  |  |  |  |  |  |
| Ph.D. students |  |  |  |  |  |  |  |  |  |  |  |  |
| Other scientific, research and development staff |  |  |  |  |  |  |  |  |  |  |  |  |
| Scientific staff outside the above categories |  |  |  |  |  |  |  |  |  |  |  |  |

Note: This is the total number of employees/workers as at 31 December of the calendar year in question (in full-time or part-time employment, excluding persons with contracts for services or contracts for work). They do not include other contractual arrangements under the Civil Code concerning the purchasing of services.

###### 4.17.2 Age structure of university staff contributing to R&D&I and their structure by job classification and gender in 2018 (numbers of physical employees and workers)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Academic/  professional position | 29 or under | | 30 – 39 years | | 40 – 49 years | | 50 – 59 years | | 60 – 69 years | | 70 or over | |
| Total | Women | Total | Women | Total | Women | Total | Women | Total | Women | Total | Women |
| Professors |  |  |  |  |  |  |  |  |  |  |  |  |
| Associate professors |  |  |  |  |  |  |  |  |  |  |  |  |
| Assistant professors |  |  |  |  |  |  |  |  |  |  |  |  |
| Assistants |  |  |  |  |  |  |  |  |  |  |  |  |
| Scientific, research and development staff contributing to teaching |  |  |  |  |  |  |  |  |  |  |  |  |
| Postdoctoral fellows |  |  |  |  |  |  |  |  |  |  |  |  |
| Ph.D. students |  |  |  |  |  |  |  |  |  |  |  |  |
| Other scientific, research and development staff |  |  |  |  |  |  |  |  |  |  |  |  |
| Scientific staff outside the above categories |  |  |  |  |  |  |  |  |  |  |  |  |

Note: This is the total number of employees/workers as at 31 December of the calendar year in question (in full-time or part-time employment, excluding persons with contracts for services or contracts for work). They do not include other contractual arrangements under the Civil Code concerning the purchasing of services.

###### 4.17.3 Staff contributing to the university’s R&D&I who were foreign nationals in 2014 and 2018, other than Slovak nationals (average converted numbers)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Academic/professional position | Total 2014 | Of whom women | Total 2018 | Of whom women |
| Professors |  |  |  |  |
| Associate professors |  |  |  |  |
| Assistant professors |  |  |  |  |
| Assistants |  |  |  |  |
| Scientific, research and development staff contributing to teaching |  |  |  |  |
| Postdoctoral fellows |  |  |  |  |
| Ph.D. students |  |  |  |  |
| Other scientific, research and development staff |  |  |  |  |
| Scientific staff outside the above categories |  |  |  |  |
| Total foreign nationals |  |  |  |  |

Note: The average converted number is the proportion of the total number of hours worked over the monitoring period from 1 January to 31 December by all workers (including contracts for work but excluding contracts for services) and the total annual working hours of a full-time employee

##### 4.18 Gender equality measures

###### 4.18.1 Gender equality in senior positions in 2014

|  |  |  |  |
| --- | --- | --- | --- |
| Senior staff | Men | Women | Total |
| Rector |  |  |  |
| Vice-Rector |  |  |  |
| Academic senate |  |  |  |
| Academic board |  |  |  |
| Bursar |  |  |  |
| Board of governors |  |  |  |

Note: If one person holds several positions at the university, each position is included.

###### 4.18.2 Gender equality in senior positions in 2018

|  |  |  |  |
| --- | --- | --- | --- |
| Senior staff | Men | Women | Total |
| Rector |  |  |  |
| Vice-Rector |  |  |  |
| Academic senate |  |  |  |
| Academic board |  |  |  |
| Bursar |  |  |  |
| Board of governors |  |  |  |

Note: If one person holds several positions at the university, each position is included.

##### 4.19 Structure of funding for R&D&I

###### 4.19.1 Proportion (%) of total costs/expenditure by type of R&D&I funded from public and non-public sources

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 2014 | 2015 | 2016 | 2017 | 2018 | Total |
| Basic research |  |  |  |  |  |  |
| Applied research |  |  |  |  |  |  |
| Experimental development and innovation |  |  |  |  |  |  |
| Total | 100 | 100 | 100 | 100 | 100 | 100 |

Note: Under Section 2 of Act No 130/2002, basic research refers to theoretical or experimental work performed largely for the purpose of gaining new knowledge of the basic principles of phenomena or observable reality, and is not primarily aimed at any practical application or use.

Innovation refers to the introduction of new or substantially improved products, processes or services.

For other definitions see OECD Fields of Research and Development (Frascati Manual 2015).

###### 4.19.2 Projects supported by a provider from another country

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| As the beneficiary | | | | | | | |
| Provider/ Investor | Programme/  Subsidy scheme | Project title | Support (EUR thousand) | | | | |
| 2014 | 2015 | 2016 | 2017 | 2018 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Total | | |  |  |  |  |  |
| As another participant | | | | | | | |
| Provider/ Investor | Programme/  Subsidy scheme | Project title | Support (EUR thousand) | | | | |
| 2014 | 2015 | 2016 | 2017 | 2018 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Total | | |  |  |  |  |  |

Note: List individual consortium projects financed from EU framework programmes (FP 7,[[7]](#footnote-7) Horizon 2020[[8]](#footnote-8) – excluding the ERCand MSCA, FP 9,[[9]](#footnote-9) etc.) and the level of funding in euro (for collaborative projects, list the funding for the university), prestigious individual projects (ERC, MSCA, HHMI, HFSP, etc.) and the level of funding in euro (for this category of projects, additional information can be included at the university’s discretion, e.g. specialisation, other project participants, any other relevant information), other foreign consortium projects and the level of funding in euro (HHMI, NIH,[[10]](#footnote-10) Wellcome Trust,[[11]](#footnote-11) etc.).

For collaborative projects, only list the funding for the university.

###### 4.19.3 Projects supported by a provider from the Czech Republic

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| --- | --- | --- | --- | --- | --- | --- | --- |
| As the beneficiary | | | | | | | |
| Provider/ Investor | Programme/  Subsidy scheme | Project title | Support (EUR thousand) | | | | |
| 2014 | 2015 | 2016 | 2017 | 2018 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Total | | |  |  |  |  |  |
| As another participant | | | | | | | |
| Provider/ Investor | Programme/  Subsidy scheme | Project title | Support (EUR thousand) | | | | |
| 2014 | 2015 | 2016 | 2017 | 2018 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Total | | |  |  |  |  |  |

Note: List total Czech Science Foundation projects and the level of funding in euro, total Technology Agency of the Czech Republic projects and the level of funding in euro, and total other state-funded projects and the level of funding in euro. For collaborative projects, list the funding for the university.

Please also list individual projects financed from EU structural funds and targeted exclusively at R&D&I (e.g. OP RDE,[[12]](#footnote-12) OP EIC[[13]](#footnote-13)) and the level of funding in euro, and individual projects financed from regional funds targeted exclusively at R&D&I and the level of funding in euro. For collaborative projects, only list the funding for the university.

###### 4.19.4 Projects supported from non-public sources

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| As the beneficiary | | | | | | |
| Provider/Investor | Project title | Support (EUR thousand) | | | | |
| 2014 | 2015 | 2016 | 2017 | 2018 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Total | |  |  |  |  |  |
| As another participant | | | | | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Provider/Investor | Project title | Support (EUR thousand) | | | | |
| 2014 | 2015 | 2016 | 2017 | 2018 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Total | |  |  |  |  |  |

##### 4.24 System for acquiring and renewing instruments and equipment for R&D&I

###### 4.24.1 Overview of expenditure/costs for the research infrastructure and equipment in the 2014–2018 reporting period (including related non-investment and personnel costs).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Costs/expenditure (EUR thousand p.a.) | 2014 | 2015 | 2016 | 2017 | 2018 | Total assets value |
| Total costs/expenditure related to purchasing low-value fixed assets for R&D&I |  |  |  |  |  |  |
| Costs of equipment repair and maintenance |  |  |  |  |  |  |
| Purchasing tangible and intangible fixed assets for R&D&I (investments) | | | | | | |
| Of which: software |  |  |  |  |  |  |
| Of which: other intangible fixed assets |  |  |  |  |  |  |
| Of which: land, buildings and structures |  |  |  |  |  |  |
| Other tangible fixed assets (machinery, instruments, equipment, etc.) |  |  |  |  |  |  |
| Total expenditure on infrastructure for the year |  |  |  |  |  |  |

### SUMMARY LIST OF ADDITIONAL DOCUMENTATION IN MODULE M4

|  |  |  |
| --- | --- | --- |
| **Document Title** | **Criterion** | **Location (HTML link)** |
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## MODULE 5 STRATEGY AND POLICIES

### R&D&I MISSION AND VISION

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| --- |
| **5.1 The evaluated institution’s R&D&I mission and vision**  The university gives a concise account of its vision and general mission for R&D&I (in the context of its education function and the strategy for university education under state policy or the relevant ministry, and comparing the mission as defined with the true situation). It supplements this account with active links to its strategic plan for teaching, scientific, research, development, innovation, artistic or other creative activity, and any update of this plan. |

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| **Self-evaluation:** |

**HTML links for additional documentation:**

### R&D&I OBJECTIVES AND STRATEGIES

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| **5.2 Research objectives and strategies before the next evaluation**  The university gives a concise account of its research strategy and objectives (e.g. specificity, feasibility, the international context of its strategic plan for teaching, scientific, research, development, innovation, artistic or other creative activity, and any update of this plan). Also relevant is an account of how society and the market’s needs have been identified. |

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| **Self-evaluation:** |

**HTML links for additional documentation:**

### R&D&I NATIONAL AND INTERNATIONAL CONTEXT

|  |
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| **5.3 Relation to higher national and supranational strategic goals and measures for R&D&I**  The university gives a concise account of how its R&D&I policies relate to meeting higher national and supranational strategic goals and measures for R&D&I in the context of the currently applicable documents, e.g. the European Commission’s Europe 2020 strategy for smart, sustainable and inclusive growth, the National Research, Development and Innovations Policy for 2016–2020, the National Priorities for Research, Experimental Development and Innovations, the National Research and Innovation Strategy for Smart Specialisation (National RIS3 Strategy), etc. |

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| **Self-evaluation:** |

**HTML links for additional documentation:**

|  |
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| **5.4 Strategy and strategic management tools to improve the international or sectoral competitiveness of the university’s research work and quality**  The university gives a concise account of its strategy and strategic management tools to increase the international or sectoral competitiveness of the university’s research activity and quality. In an appendix it lists the most significant international evaluations for R&D&I it has taken part in. It also sets out its vision and strategy for the next five-year period. |

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| **Self-evaluation:** |

**HTML links for additional documentation:**

### TOOLS FOR IMPLEMENTING THE RESEARCH STRATEGY

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| --- |
| **5.5 Institutional tools for implementing the research strategy, emphasising support of quality R&D&I and the innovation environment**  The university describes its institutional and strategic tools (e.g. strategic management tools, tools created to support the achievement of research objectives, legal and organisational regulations related to support of R&D&I, etc.) aimed at implementing its research strategy, with the emphasis on supporting quality of R&D&I and the innovation environment. |

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| **Self-evaluation:** |

**HTML links for additional documentation:**

### SUMMARY LIST OF ADDITIONAL DOCUMENTATION IN MODULE M5

|  |  |  |
| --- | --- | --- |
| **Document Title** | **Criterion** | **Location (HTML link)** |
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### REQUIRED APPENDICES M3-M5

1. **SWOT ANALYSIS**
2. **OUTCOMES OF RESULTS AVAILABLE FROM THE EVALUATION AT THE NATIONAL LEVEL**

1. *Under Section 2(2)(d) of Act No 130/2002, as amended, a large research infrastructure is a research infrastructure that is an essential research facility for comprehensive research and development work with high financial and technological demands, which is approved by the government and established to also be used by other research organisations.* [↑](#footnote-ref-1)
2. *The European Research Council (ERC) is part of the “Excellent Science” pillar of the Horizon 2020 programme. The ERC supports high-quality research by funding individual lead researchers and their research teams.* [↑](#footnote-ref-2)
3. *Marie Skłodowska-Curie actions (MSCA) are part of the “Excellent Science” pillar of the Horizon 2020 programme, and are also aimed at supporting young researchers, including doctoral candidates.* [↑](#footnote-ref-3)
4. *The Howard Hughes Medical Institute is a non-profit organisation in the United States that provides significant funding for international biomedical research.* [↑](#footnote-ref-4)
5. *The Human Frontier Science Program is an international programme for funding research, especially in the natural sciences and information science.* [↑](#footnote-ref-5)
6. *National Science Foundation (USA)* [↑](#footnote-ref-6)
7. *The Seventh Framework Programme for Research and Technological Development (FP 7) was the European Union’s main instrument for financing European research in 2007–2013.* [↑](#footnote-ref-7)
8. *Horizon 2020, the eighth framework programme for research and innovation (H2020), is the largest programme under EU structures for financing science, research and innovation in 2014–2020.* [↑](#footnote-ref-8)
9. *The planned ninth EU framework programme for research and innovation (Horizon Europe) will replace Horizon 2020 and should operate in 2021–2027.* [↑](#footnote-ref-9)
10. *National Institutes of Health (NIH) – an agency that is part of the United States Department of Health and Human Services. NIH is also an important actor in project support for biomedical research.* [↑](#footnote-ref-10)
11. *An major British charity that chiefly supports biomedical research.* [↑](#footnote-ref-11)
12. *Operational Programme Research, Development and Education – a multiyear programme coordinated by the Ministry of Education, Youth and Sports. Under OP RDE, funding can be drawn in the 2014–2020 period from the European Structural and Investment Funds (ESIF).* [↑](#footnote-ref-12)
13. *Operational Programme Enterprise and Innovation for Competitiveness – a multiyear programme coordinated by the Ministry of Industry and Trade for drawing funding from the European Regional Development Fund (in the 2014–2020 period).* [↑](#footnote-ref-13)