SELF-EVALUATION REPORT FOR MODULE 3

THE NAME OF THE UNIT BEING EVALUATED: Faculty of Architecture, Czech Technical University in Prague

FORD: 6 - Humanities and the arts

SOCIAL CONTRIBUTION OF THE EVALUATED UNIT

3.1 Introductory information about the unit under evaluation

The evaluated unit will describe its mission and vision and provide a general self-reflection of the societal contribution of R&D&I, along with its long-term goals in the fields it develops. The distribution of research activities by type of research will also be commented on.[1] The evaluated unit will describe its organisational structure and size (staffing, number of students, number of study programmes implemented, etc.) based on the data provided in annex tables 3.1.1 to 3.1.6.

Maximum 1000 words.

This is a non-rated indicator that serves as an introduction to the evaluated unit, providing context for data in indicators 3.2-3.7.

Self-assessment:

The Faculty of Architecture of the Czech Technical University in Prague is the oldest and most prestigious institution providing education in the field of architecture in the Czech Republic. It is unique in that it combines three areas of study – Architecture and Urbanism, Landscape Architecture, and Design. It educates almost 40 % of the architects and landscape architects in the Czech Republic.

During their studies, students have the opportunity to collaborate with eminent architects and designers who lead studio teaching, as well as top theorists. And not only Czech experts, students can also study under the guidance of significant world personalities. The Faculty of Architecture has established a permanent studio for visiting professors. The first to hold this position was the Dutch architect and urban planner Winy Maas, after whom Jakob Dunkl, Gerd Erhartt, and Peter Sapp from the prestigious Viennese architectural office querkraft took over guidance of the studio. One of the landscape architecture studios has been led for a long time by the leading landscape architect and graduate of TU Dresden Till Rehwaldt, and the new visiting professor of landscape architecture is Valerio Morabito from the Italian Mediterranean University. The Faculty of Architecture also gives opportunities to young progressive architects, opening a very successful visiting studio for 'emerging architects'. The quality of our studios is evidenced by the excellent placements of students in national and international university project competitions and by the prestigious awards won by teachers for their projects from private practice.

The Faculty of Architecture has the best results among technical faculties in the Register of Artistic Outputs, which collects the results of creative artistic activity in the Czech Republic and is a tool for evaluating artistic activity at universities. The Faculty also provides theoretical knowledge to professionals and the general public. An example of this is the lecture series, in English, November Talks, which has been supported by the Sto Foundation since 2006 and takes place annually at six selected European schools of architecture, with speakers from among the world's leading architects. Another example is the regular lecture series Památky (Monuments), which the Faculty organises in cooperation with the Czech National Committee of ICOMOS, or the reVize Typologie conference, which focuses on current topics in the field of design, management, operation and research of the built environment.

The faculty has long cooperated with the public and private sectors. An example is the 1:1 lab, where students, together with teachers, bring their ideas to life with their own hands. This alternative to standard teaching has a tradition at the

[1] Basic, applied, contract, artistic research (see Definition of Terms in Methodology HEI2025+).

world's leading architectural schools. Design-build projects implemented at our faculty regularly receive awards in prestigious architectural competitions – the Czech Architecture Awards of the Czech Chamber of Architects or the Grand Prix of the Association of Architects.
Grant cooperation with ministries, government agencies, cities, and municipalities reflects research activities, which are usually carried out under the guidance of associate professors and professors within the faculty institutes and include a number of intersecting thematic areas. A unique workplace at the Faculty of Architecture is the Research Centre for Industrial Heritage, which systematically maps industrial heritage-sites, monuments of technology and industry in the Czech Republic from the perspective of the history and theory of architecture, heritage-site conservation, and urban planning. Another example of a research workplace is the Department of Building Theory, which focuses on research into the environment for people with Parkinson's disease, barrier-free housing for people with disabilities, participatory and sustainable housing in cooperation with the Ministry of Labor and Social Affairs, or the creation of standards with the Czech Standardisation Agency. The Department of Theory and History of Architecture publishes a number of monographic and encyclopaedic publications on the history of architecture and on important architects. It also operates a thematic library, a teaching and research database, websites focused on Czech post-war architecture and architecture of the 1980s, as well as the website of the Czech section of DOCOMOMO International. It organises exhibitions, such as Le Corbusier+ in Models and Images, or exhibitions of haptic models intended for the blind.
As the faculty is home to more than 1,500 students and 180 employees, it is important to provide them with an open and respectful environment. The Ombudsman provides assistance in matters of study and work culture, ethics, and prevention of abuses of power. The FA CTU Equal Opportunities Commission operates in the area of equal opportunities and creating a fair environment. The CTU Centre for Information and Counselling Services offers professional advice and assistance for students with specific needs. Two-thirds of the students at the Faculty of Architecture are female. Our support for women is also reflected in the number of teachers – in total, the faculty teaching staff is 35 % female. The faculty also supports the career growth of women. Between 2019 and 2023, 7 (41 %) new female associate professors emerged from a total of 17 habilitations and 2 (40 %) female professors emerged from 5 professorships.
The faculty also performs well in international comparisons. Architecture education at CTU is ranked first in the Czech Republic in the Architecture and Built Environment category in the prestigious QS World University Rankings. It is also the best-rated field at the CTU in Prague. This result reflects the efforts of our teachers, researchers, and students and is a confirmation of the increasing quality of teaching and research at the Faculty of Architecture at CTU. We have a long-term commitment to the quality and international reputation of our faculty. It is important to us that our graduates can succeed in an international environment. We actively support foreign student mobility, which is the best at CTU, and we develop double-degree programs with leading European universities, such as Politecnico di Milano. The faculty is a long-term member of international associations EAAE, AESOP, DOCOMOMO, ECLAS, TICCIH and ICOMOS. Since 2020, the faculty has been part of the international EuroTeQ Engineering University project, which connects six leading European universities through virtual collaboration.

Dalibor Hlaváček, doc. Ing. arch. Ph.D.
Dean

Table 3.1.1 - Staffing per FTE[2]

Academic / Professional position	Total / Of which women					
	2019	2020	2021	2022	2023	Total
Professor	14.1/1.0	15.6/1.0	16.2/1.0	17.4/1.5	16.9/1.5	80.3/6.0
Associate Professor	21.8/4.7	24.7/5.7	22.7/5.7	26.0/8.0	24.1/8.2	119.1/32.1
Assistant Professor	83.1/32.6	79.8/32.3	78.7/32.7	80.0/32.5	91.3/37.2	413.0/167.2
Assistant	0/0	0/0	0/0	0/0	0/0	0/0

[2] 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.

R&D Personnel[3]	14.6/11.4	13.3/10.1	14.1/11.1	14.1/11.1	13.3/10.3	69.2/53.8
Researchers in other categories[4]	6.1/2.7	6.1/2.6	5.5/2.3	7.0/2.2	9.5/1.4	34.1/11.2
Technical and economic staff[5]	30.6/18.7	29.5/18.7	30.0/19.2	38.3/26.5	38.0/24.7	166.4/107.6
Scientific. research and development staff involved in teaching activities	26.0/6.9	25.5/6.4	22.0/6.4	22.0/6.4	21.0/6.4	116.5/32.3
Early career researchers[6]	5.7/2.3	4.9/1.8	4.7/1.4	5.1/1.0	4.5/0.8	24.8/7.2
Total[7]	170.3/71.0	168.9/70.2	167.1/71.8	182.7/81.7	193.1/83.2	882.1/377.8

Note: The categories professor. associate professor, assistant professor, assistant, other scientific, R&D personnel, researchers in 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.

3.1.2 Age structure of R&D&I personnel of the evaluated unit and their structure by job title and gender in the year 2019 (numbers of physical employees and personnel)[8]

Academic/ professional position	Under 29 years		30-39 years old		40-49 years old		50-59 years old		60-69 years old		70 years and older	
	Total	Women	Total	Women	Total	Women	Total	Women	Total	Women	Total	Women
Professor	0	0	0	0	1	0	4	1	8	0	5	0
Associate Professor	0	0	0	0	5	1	12	2	9	2	7	1
Assistant Professor	0	0	0	0	3	0	2	1	1	1	1	0
Assistant	0	0	0	0	0	0	0	0	0	0	0	0
R&D Personnel[9]	0	0	0	0	6	4	4	2	4	4	4	4
Researchers in other categories[10]	0	0	9	6	8	3	0	0	0	0	1	0

[3] The category "R&D 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).
[4] The category "Researchers in other categories" includes all other staff who cannot be classified under any of the above categories (e.g. independent researcher/scientist).
[5] Who participates in the management and support of R&D&I in the institution.
[6] See Definition of Terms in Methodology HEI2025+.
[7] Total is the sum of the categories: professor, associate professor, assistant professor, assistant, R&I personnel, researchers in other categories and technical and economic staff.
[8] The total number of employees/workers as of 31st December of the calendar year in question is to be entered, irrespective of the level of time worked, but only in an employment relationship (including agreement on work activity, excluding agreement on work performance). Other types of contractual relationships under the Civil Code that involve purchase of services are not included.
[9] The category "R&D 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).
[10] The category "Researchers in other categories" includes all other staff who cannot be classified under any of the above categories (e.g. independent researcher/scientist).

Technical and economic staff[11]	0	0	0	0	0	0	0	0	0	0	0	0
Scientific, research and development staff involved in teaching activities	0	0	0	0	7	2	8	1	9	4	7	1
Early career researcher[12]	0	0	9	6	0	0	0	0	0	0	0	0
Total[13]	0	0	9	6	23	8	22	6	22	7	18	5

Note: The categories professor, associate professor, assistant professor, assistant, other scientific, R&D Personnel, Researchers in other categories and Technical and economic staff are mutually exclusive, i.e. one staff member is reported in only one category. The categories of scientific, research and development staff involved in teaching activities and early career researchers are reported collectively for all the above-mentioned categories.

3.1.3 Age structure of R&D&I personnel of the evaluated unit and their structure by job title and gender in the year 2023 (numbers of physical employees and personnel)[14]

Academic/ professional position	Under 29 years		30-39 years old		40-49 years old		50-59 years old		60-69 years old		70 years and older	
	Total	Women	Total	Women	Total	Women	Total	Women	Total	Women	Total	Women
Professor	0	0	0	0	0	0	8	0	6	2	7	0
Associate Professor	0	0	1	1	6	1	12	3	12	5	9	0
Assistant Professor	0	0	0	0	3	0	1	1	0	0	0	0
Assistant	0	0	0	0	0	0	0	0	0	0	0	0
R&D Personnel[15]	0	0	1	1	4	3	4	2	4	4	2	2
Researchers in other categories[16]	1	0	5	2	7	2	1	0	0	0	1	0
Technical and economic staff[17]	0	0	0	0	0	0	0	0	0	0	0	0
Scientific, research and development staff involved in teaching activities	0	0	0	0	7	2	7	1	7	3	4	1
Early career researcher[18]	1	0	5	2	0	0	0	0	0	0	0	0
Total[19]	1	0	7	4	20	6	27	6	22	11	19	2

[11] Who participates in the management and support of R&D&I in the institution.
[12] See Definition of Terms in Methodology HEI2025+.
[13] Total is the sum of the categories: professor, associate professor, assistant professor, assistant, R&I Personnel, Researchers in other categories and technical and economic staff.
[14] The total number of employees/workers as at 31.12. of the calendar year in question is to be entered, irrespective of the level of time worked, but only in an employment relationship (including agreement on work activity, excluding agreement on work performance). Other types of contractual relationships under the Civil Code that involve purchase of services are not included.
[15] The category "R&D 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).
[16] The category "Researchers in other categories" includes all other staff who cannot be classified under any of the above categories (e.g. independent researcher/scientist).
[17] Who participates in the management and support of R&D&I in the institution.
[18] See Definition of Terms in Methodology HEI2025+.
[19] Total is the sum of the categories: professor, associate professor, assistant professor, assistant, R&I personnel, researchers in other categories and technical and economic staff.

Note: The categories professor, associate professor, assistant professor, assistant, other scientific, R&D personnel, researchers in 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.

Table 3.1.4 – Students

Type of study	2019		2020		2021		2022		2023		Total	
	Total	Women	Total	Women	Total	Women	Total	Women	Total	Women	Total	Women
Undergraduate	966	609	1006	629	977	616	1029	637	1063	663	5041	3154
Master's[20]	509	301	484	300	482	312	512	328	581	374	2568	1615
Doctoral	119	55	95	40	143	73	132	61	125	59	614	288
Lifelong Learning Courses	298	209	246	181	267	195	409	309	456	317	1676	1211
Total	1892	1174	1831	1150	1869	1196	2082	1335	2225	1413	9899	6268

Table 3.1.5 - Study programmes in Czech/English

Type of study programme	Total[21] / Of which professional study programmes											
	2019		2020		2021		2022		2023		Total	
Undergraduate	3/0	0	3/0	0	3/0	0	3/0	0	3/0	0	4/0	0
Master's	3/3	0	3/3	0	4/3	0	4/3	0	4/3	0	4/3	0
Doctoral	3/1	0	3/2	0	3/2	0	3/2	0	3/2	0	3/2	0
Lifelong Learning courses	0	0	0	0	0	0	0	0	0	0	0	0
Total	9/4	0	9/5	0	10/5	0	10/5	0	10/5	0	11/5	0

Note: For each SP type, enter the number of SPs in Czech language in the first cell and insert the number of SPs in English language after the slash in the same cell (e.g. 15/3), enter the number of professional SPs in Czech language in the second cell and insert the number of professional SPs in English language after the slash. Follow a similar procedure in the last column of the table (Total).

3.1.6 – R&D&I capacities

R&D&I field	FORD	FORD share [%]	Predominant type of research	Total share of industry group [%]
1. Natural Sciences	1.1 Mathematics		Zvolte položku.	4.94
	1.2 Computer and information sciences	1.61	Balanced basic and applied research	
	1.3 Physical sciences	0.35	Applied Research	
	1.4 Chemical sciences		Zvolte položku.	

[20] All master's degree students are listed, regardless of the length of their programme of study.

[21] The total number of study programmes for which admissions have been announced in a given academic year.

	1.5 Earth and related environmental sciences	2.98	Balanced basic and applied research	
	1.6 Biological sciences		Zvolte položku.	
	1.7 Other natural sciences		Zvolte položku.	
2. Engineering and Technology	2.1 Civil engineering	34.22	Balanced basic and applied research	36.13
	2.2 Electrical engineering, Electronic engineering, Information engineering	0.90	Applied Research	
	2.3 Mechanical engineering	0.45	Applied Research	
	2.4 Chemical engineering		Zvolte položku.	
	2.5 Materials engineering	0.02	Applied Research	
	2.6 Medical engineering		Zvolte položku.	
	2.7 Environmental engineering	0.09	Balanced basic and applied research	
	2.8 Environmental biotechnology		Zvolte položku.	
	2.9 Industrial biotechnology		Zvolte položku.	
	2.10 Nanotechnology		Zvolte položku.	
	2.11 Other engineering and technologies	0.45	Balanced basic and applied research	
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.	11.83
	5.2 Economics and Business	0.14	Applied Research	
	5.3 Education	0.40	Balanced basic and applied research	
	5.4 Sociology		Zvolte položku.	
	5.5 Law	0.43	Applied Research	
	5.6 Political science		Zvolte položku.	
	5.7 Social and economic geography	7.73	Basic Research	
	5.8 Media and communications		Zvolte položku.	
	5.9 Other social sciences	3.13	Basic Research	
6. Humanities and the Arts	6.1 History and Archaeology	0.07	Basic Research	47.10
	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)	34.82	Balanced basic and applied research	
	6.5 Other Humanities and the Arts	12.21	Basic Research	
	Total	100 %	-	100 %

RECOGNITION BY THE RESEARCH COMMUNITY

3.2 Recognition by the research community

The evaluated unit will briefly comment on its position in the research community. It shall consider individual and other prestigious R&D&I awards, participation of its academic staff in the editorial boards of international scientific journals, elected membership in professional societies, major invited lectures given by the evaluated unit's academic staff abroad or by foreign scientists and other relevant guests at the evaluated unit. Additionally, it will address the involvement of staff in the evaluation of national or European project/programme calls over the period of 2019–2023 based on the data provided in annex tables 3.2.1 to 3.2.5 (max. 10 most relevant items). If necessary, the evaluated unit shall list any additional services to the scientific community that it considers relevant.

Maximum 1000 words.

Self-assessment:

The FA is one of the leading research institutions in the Czech Republic in the field of architecture, design and landscape architecture. The topics addressed by the FA are, to a large extent, linked to the staff composition and focus of the departments as well as to the nature of teaching architecture, design, and landscape.

The most prominent thematic areas include (ranked by weight of publication outputs in 2024) the history of architecture, theory and typology of architecture, industrial heritage, urbanism and spatial planning, building and construction, digital and model design, heritage-site conservation, landscape architecture, and design. Related scientific, grant, publication, and lecture activities are often linked to membership and activities in international organisations (e.g. EAAE, Docomomo International, TICCIH, ICOMOS, eCAADe, SFHST, AIA, IIID, Hungarian Academy of Sciences, etc. – see the appendix for more details). The FA also takes advantage of the interdisciplinary nature of the field and collaborates on scientific projects and outputs with various research institutions in the Czech Republic (e.g. with the Institute of History of the Czech Academy of Sciences, the Academy of Fine Arts, the Klokner Institute, The Prague Institute of Planning and Development, and the National Heritage Institute), or participates in activities organised by these or foreign organisations (e.g. the eCAADe conference, a workshop with a publication by the Heritage section within the EAAE, the V4 railway heritage within the Visegrad Fund, or the post-war architecture of the V4 countries within the Iconic Ruins project in cooperation with Czechinvest and Docomomo International).

A significant proportion of the FA's scientific and expert activities, often on the borderline between research and design, consists of cooperation with municipalities and public administration, ranging from territorial or strategic plans and their methodologies, through landscape architecture and the public space, examining the possibilities of buildings or complexes or plots of land, to the preparation of assignments (e.g. competitions), various evaluations, analyses, and surveys (especially departments of theory and history of architecture, architectural heritage conservation, building theory, urban design, landscape architecture, and spatial planning).

These long-term activities, domestic and international ties are also reflected in the staff representation of academics at the FA, the nature of the research teams' activities and, last but not least, the success in grant calls.

Some areas of the FA's activities are fittingly linked to external entities and production, for example activities related to 3D printing, recycling, the use of mycelium in construction (Department of Architectural Modelling) and design proposals in cooperation with leading multinational manufacturers, e.g. TON, RWE, Sapeli, Technistone, Galavito, Tesla, Meva, Meopta, Viadrus, Lasvit (Department of Design).

However, practicing architects also play an extraordinary role at the FA and their linking of creative activity and analysis and interpretation of this activity, both in terms of the theory and typology of architecture, as well as at the level of exceptional and renowned design-build projects in the Czech Republic (especially the completed footbridges and shelters in the Krkonoše National Park). These activities are reflected in the long-term results of the FA in the Register of Artistic Outputs of the Czech Republic, where the FA holds a dominant position in the field of architecture.

Table 3.2.1 - Prestigious R&D&I awards granted during the evaluation period

Name, surname and title(s) of the evaluated unit's staff member	Name of the award	Awarding institution
Vladimír Šlapeta, Prof. Ing. arch. DrSc. Hon. FAIA	Jean Tschumi Prize 2023	International Union of Architects (UIA)
Vladimír Šlapeta, Prof. Ing. arch. DrSc. Hon. FAIA	Bene Merentibus (for his tireless, scientifically based popularisation of the work of Polish architects of the 20th century)	Chamber of Architects of the Republic of Poland
Benjamin Fragner, PhDr.	Ministry of Culture Award for contributions to the field of architecture (for initiating and long-term management of industrial heritage research and professional popularisation of its outputs)	Ministry of Culture of the Czech Republic
Václav Girsa, Prof. Ing. arch. Akad. arch.	Jože Plečnik Award 2019 (for lifetime achievement in the field of monument preservation)	Association of Architects of the Czech Republic
Jan Stempel, Prof. Ing. arch.	Medal for Hungarian Architecture 2019	Association of Hungarian Architects
Štěpán Valouch, Ing. arch.	Nominated for the Mies van der Rohe Award 2021; Prize in the Renovation category, Grand Prix of Architects 2020; Main Prize, Czech Architecture Award (for the project Lasvit Company Headquarters, Nový Bor)	Mies van der Rohe Foundation; Architects' Association; Czech Chamber of Architects
Pavla Melková, prof. Ing. arch. Ph.D.; Miroslav Cikán, prof. Ing. arch.; Vojtěch Ertl, Ing. arch.	Nominated for the Mies van der Rohe Award 2021 / Prize for Architectural Design and Renovation, Grand Prix of Architects 2020 (for the Jan Palach Memorial project)	Mies van der Rohe Foundation; Architects' Association
Tomáš Hradečný, doc. Ing. arch.; Klára Hradečná, Ing. arch.	Award of the President of the Senate of the Parliament of the Czech Republic Miloš Vystrčil in the Czech Architecture Award 2023 competition (for the Memorial of the Three Resistance Movements project)	Czech Chamber of Architects
Tomáš Efler, doc. Ing. arch.; Václav Girsa, prof. Ing. arch. akad. arch.	Prize in the Renovation category, Grand Prix of Architects 2022; Winner of the Patrimonium pro futuro competition 2022 (for the project Restoration of the gloriette in the Rose Garden of Děčín Castle)	Architects' Association; National Heritage Institute
Ondřej Císler, doc. MgA. Ph.D.	Grand Prix of Architects 2019 (for the Bridge over the Dřetovice stream project)	Architects' Association

Note: Provide up to 10 examples.

Table 3.2.2 Participation of academic staff of the evaluated unit in editorial boards of international scientific journals during the evaluation period

Name, surname and title(s) of the evaluated unit's staff member	Name of scientific journal, ISSN
Pavel Kalina, Prof. PhDr. Ph.D.	Acta Polytechnika (Web of Science), ISSN 1805–2363
Matúš Dulla, prof. Ing. arch. DrSc.	Architecture & Urbanism, Slovak Republic (WoS / Scopus), ISSN 0044-8680
Petr Vorlík, Prof. Ing. arch. Ph.D.	Architecture & Urbanism, Slovak Republic (WoS / Scopus), ISSN 0044-8680
Karel Maier, Prof. Ing. arch. CSc.	Architecture & Urbanism, Slovak Republic (WoS / Scopus), ISSN 0044-8680
Henry Achten, Prof. Dr. ir.	International Journal of Architectural Computing, ISSN 1478-0771
Jana Tichá, doc. PhDr. Ph.D.	Piranesi Magazine, Ljubljana, Slovenia, ISSN 1318-007X

Hubert Guzik, Doc. mgr Ph.D.	Sešit pro umění, teorii a příbuzné zóny (Scopus), ISSN 1802-8918
Karel Maier, Prof. Ing. arch. CSc.	Urbanismus a územní rozvoj, ISSN 1212-0855
Veronika Šindlerová, Doc. Ing. arch. Ph.D.	Urbanismus a územní rozvoj, ISSN 1212-0855
Jakub Vorel, Doc. Ing. arch. Ph.D.	Urbanismus a územní rozvoj, ISSN 1212-0855

Note: Please provide up to 10 examples of academic staff participation in editorial boards of international scientific journals (e.g. editor, editorial board member, etc.).

Table 3.2.3 The most important invited lectures delivered by the academic staff of the evaluated unit at foreign institutions during the evaluation period

Name, surname and title(s) of the evaluated unit's staff member	Invited lecture title	Name of host institution, or name of conference or event	Year
Michal Kohout, Prof. Ing. arch.	Housing Estates, What's Next? Masters of Collective Housing	Universidad Politecnica of Madrid (UPM), Swiss Federal Institute of Technology (ETH); Postgradual Programme; Madrid	2019
Pavla Melková, Prof. Ing. arch. Ph.D.	How to Bring a Monument to Speech	Columbia University Graduate School of Architecture, Planning and Preservation; New York	2020
Michal Kohout, Prof. Ing. arch.	Housing Challenges in the 21st Century	EPOKA University; Workshop Bauhaus Open Studio – Rethinking Housing Space; Tirana	2020
Lukáš Beran, Mgr. Ph.D.	Carl Arnold Séquin-Bronner, the Common Denominator	TICCIH Textile Section expert meeting, The International Committee for the Conservation of the Industrial Heritage; Berlin	2020
Vít Řezáč, Ing. arch.	System of spatial planning in the Czech Republic	European Systems of Spatial Planning, the Croatian Chamber of Architects and Association of Croatian Urban Planners; Belgrade	2021
Martin Pospíšil, Prof. Dr. Ing., Ph.D.	Load-bearing Structures in Architecture	ESPI (École Supérieure des Professions Immobilières) Nantes, Francie	2022
Henri Hubertus Achten, prof. Dr.	But Is It Interactive? Thoughts on Interactive Architecture	Human Architecture Interaction Design Conference 2022, Beijing, China (online, keynote speaker)	2022
Henri Hubertus Achten, prof. Dr.	It is Digital, So It Must Be Research	DARE Conference; Bialystok (keynote speaker)	2023
Petr Vorlík, Prof. Ing. arch. Ph.D.	Public building as key	Dublin City Council; Generous Architectures, Late 20th-century buildings in Dublin: 1970s, 1980s, 1990s + the circular economy; Dublin (online, keynote speaker)	2023
Ondřej Císler, Doc. Ing. arch. Ph.D.		Ted at Polimi; Teams: Archilectures; Politecnico di Milano, SAUIC	2023

Note: Provide up to 10 examples.

Table 3.2.4 - The most important lectures by foreign scientists and other guests relevant to R&D&I at the evaluated unit during the evaluation period

Name, surname and title(s) of the lecturer	Lecturer's employer at the time of the lecture	Invited lecture title	Year
Ruairi Glynn	Bartlett School of Architecture, University College London	Animating Architecture	2019
Michel Desvigne	Harvard Graduate School of Design, Cambridge, Architectural Studio MDP	Transforming Landscapes	2019
Steven Holl	Columbia University New York, Steven Holl Architects	About air, light and greenspace in the (post)covid era,	2021
Momoyo Kaijima	Architectural Studio Bow Wow; Department of Architecture, ETH Zurich	Architectural Ethnography	2022
Ievgenia Gubkina	Center for Urban History of East Central Europe in Lviv, Modernistki	Kharkiv constructivism, Ukrainian heritage under Russian threat	2022
Winy Maas	MVRDV, The Why Factory (t?f), Faculty of Architecture, TU Delft	The Future City: What's Next	2022
Carlo Ratti	Massachusetts Institute of Technology, MIT, Cambridge	Senseable Cities	2022
Pier Paolo Tamburelli	Architectural Studio baukuh; Technical University of Vienna	On Books, On Buildings	2023
Oliver Lütjens a Thomas Padmanabhan	ETH Zurich	Teaching Together	2023
Dubravka Sekulić	Royal College of Art London	Really Useful (Spatial) Knowledge	2023

Note: Provide up to 10 examples.

Table 3.2.5 - Involvement in the evaluation of national/European research project/programme calls relevant to the R&D&I area at the unit during the evaluation period

Name, surname and title(s) of the evaluated unit's staff member	Name of the research project/programme call	Name of the contracting authority/guarantor of the project/programme call	Year
Jana Tichá, Doc. PhDr. Ph.D.	Nomination for the Czech Republic for the European Prize for Contemporary Architecture – Mies van der Rohe Award	Fundació Mies van der Rohe in Barcelona	from 2013
Petr Vorlík, Prof. Ing. arch. Ph.D.	VEGA 6; project appraisal	Scientific grant agency of the Ministry of Education, Science, Research and Sport of the Slovak Republic and the Slovak Academy of Sciences	2019
Petr Vorlík, Prof. Ing. arch. Ph.D.	VEGA 6; project appraisal	Scientific grant agency of the Ministry of Education, Science, Research and Sport of the Slovak Republic and the Slovak Academy of Sciences	2020

Note: Provide up to 10 examples.

RESEARCH PROJECTS

3.3 Research projects

The evaluated unit shall list at most 10 (considered most significant by the evaluated unit) research projects/activities (regardless of whether they are supported by public funds or based on contract research[22]) that it has implemented or participated in during the period of 2019–2023[23]. This should be done from the full list in annex tables (Table 3.3.1-3.3.2)[24], regarding particularly the results achieved or the application potential of the projects. The unit should also describe how the research projects contributed to the mission and purpose of the evaluated unit. If the evaluated unit has been a participant in listed project, it shall indicate which other entities were involved and describe its contribution to the project. The interdisciplinary aspects of the projects will also be commented on, along with any collaboration with other units of the evaluated HEI.

Maximum 300 words per project.

Self-assessment:

1) NAKI II – Origin and attributes of historical towns of the Czech Republic (Ministry of Culture of the Czech Republic, DG16P02R025, Department of Urban Design FA CTU in Prague, ÚTAM AV ČR, principal investigator: Jan Jehlík, 2016–2020)
The main contribution of the work is the creation of an original method for examining monument values on an urban scale. In the field of mapping historic cities for the purposes of identifying and protecting the attributes of their values, a comprehensive methodology was prepared, which can be used as the basis for the development of other partial analytical methods and for the processing of stable databases for any historical city (see Table 3.4). In the area of location analysis of medieval historical cities, a unique procedure for creating geometric relationships was demonstrated, allowing for the definition of urban and economic contexts of the location plan. The core of this work is the definition of key concepts and the arrangement of phenomena, attributes, and relationships corresponding to the basic goals of caring for cultural values. An original comprehensive methodology was thus developed supporting the recognition of basic phenomena that reflect the cultural and historical values of the city as a whole. In the international context, it was possible to cooperate intensively with specialist workplaces in the Central European area during the project's resolution. A number of consultations were held with colleagues from academic institutions in Belgium, Spain, and Great Britain. The project was presented and discussed at a seminar of the International Scientific Committee for Historic Cities CIVVIH ICOMOS, and workshops were held with the participation of colleagues from Austria and Slovakia. The results are applicable in the spatial-planning process as part of spatial analysis and spatial-planning documents, spatial-planning documentation and for the development of heritage-management plans.

2) NAKI II – Architecture of the 1980s in the Czech Republic. Individuality, identity and parallel considerations against the background of political repression (Ministry of Culture of the Czech Republic, DG18P02OVV013, Department of Theory and History of Architecture FA CTU in Prague, principal investigator: Petr Vorlík, 2018–2022)
Czech architecture from the period 1945–1989 has received intense public attention in recent years. Dozens of publications, exhibitions and research projects have been created; however, the 1980s have long been overlooked and underestimated in this research 'ferment' due to the repressive political and social atmosphere of the time. The aim of the research project was to map developments in period architecture, the changes that the 1980s brought, and the inherited values. The core of the publication outputs consists of five books focusing on the phenomena of building typologies (*(a)typ*, 2019, rated 2 in module 1), unrealised visions (*nepostavená*, 2020), memories of selected personalities (*rozhovory*, 2020), a characteristic approach (*improvizace : improvisation*, 2021) and a holistic contextual interpretation of the period (*ambice : ambitions*, 2022, rated 1 in module 1). The books are complemented by an interactive database of buildings, personalities, and events, publicly accessible on the project website www.architektura80.cz (see Table 3.4). As part of the project, we also managed to publish a series of articles in prestigious professional journals, present the results at foreign conferences, publish three more books and a number of articles in the professional press beyond what was planned, and (thanks to media coverage) stimulate interest in this layer of cultural heritage among both the general professional and lay public. The topic has also aroused interest abroad, and the last two books (*improvizace : improvisation*, *ambice : ambitions*) were published bilingually and published for free download on the Docomomo International website.

[22] For the definition of contract research for the purposes of evaluation in the HE segments, see Article 2.2.1 of the Community Framework for State Aid for Research, Development and Innovation 2014/C 198/01.
[23] Regardless of whether the projects are completed or still ongoing, provided that at least part of the project was implemented during the evaluation period.
[24] The evaluated unit shall only fill tables that are relevant to it.

3) NAKI II – Industrial Architecture: Commemoration of Industrial Heritage as a Technical-Architectural Work and as an Identity of a Place (Ministry of Culture of the Czech Republic, DG16P02H001, Research Centre for Industrial Heritage FA CTU in Prague, principal investigator: Lukáš Beran, 2016–2020)
The Research Centre for Industrial Heritage has long been developing a broad-based approach to the topic of industrial heritage in the long term, unique even in global terms, which, in addition to values specific to this area, also formulates and interprets general, cultural values, the understanding of which is necessary to find appropriate means for the new use of industrial buildings. The project directly followed up on the results of the previous VCPD NAKI project to use and further develop its online Industrial Topography database for synthesising and evaluating research, the result of which was, in addition to a specialised map (see Table 3.4), a pair of exhibitions with extensive bilingual critical catalogues and a number of other publication outputs, especially five thematically utterly unique book monographs. The project opened up new research topics and drew attention to often overlooked cultural values, the connections and meanings of industrial heritage buildings, while at the same time characterising their development potential and providing an irreplaceable overview of conservation and at the same time creative urban and architectural procedures for their new use. Through seminars and lectures, this topic was naturally reflected in the pedagogical activities of the Faculty of Architecture.

4) TAČR – Possibilities and limits of socially and environmentally sustainable participatory housing in the Czech Republic (TAČR Environment for Life, Department of Building Theory FA CTU in Prague, principal investigator for FA CTU in Prague: David Tichý, 2021–2023)
The Faculty of Social Studies of Masaryk University in Brno (principal investigator of the entire project Jan Blažek), the Institute of Sociology of the Academy of Sciences of the Czech Republic, the Faculty of Architecture of the Czech Technical University in Prague, the Faculty of Arts and Architecture of the Technical University in Liberec and Arnika Centre for Citizen Support jointly participated in the project.
The aim was to conceptualise participatory housing for the Czech Republic: to identify the main forms and propose systemic solutions for the development of social innovation in various contexts. During the project, the Symposium on Participatory Housing and the Conference on Participatory Housing were organised, among others. The research also included participation in the European Network for Housing Research conference in Barcelona and the IBA Research Lab summer school in Vienna, focused on the production of affordable housing. A series of research workshops with residents were carried out in each of the six Czech partner cities of the project. The needs and interests of housing actors in cities were identified, whether and in what form they are willing to adjust their current practices in providing and managing housing in favour of greater cooperation or sharing of various aspects of housing. The main results of the project are the Methodological Guide to Participatory Housing for Cities and Municipalities in the Czech Republic, the Participatory Housing Manual for Residents, Policy Paper – recommendations for state administration representatives, an online guide to methodological procedures for participatory housing and a project website intended for all potential actors and the public. participativnibydleni.cz/metodika-manual/

5) TAČR – Models for the valuation of public goods for spatial planning purposes (ÉTA 3, TL03000695, Department of Spatial Planning FA CTU in Prague, IPR Prague, Dataligence s.r.o., principal investigator: Jakub Vorel, 2020–2023)
The principal investigator was the Faculty of Architecture, Czech Technical University in Prague, co-investigators were the The Prague Institute of Planning and Development and Dataligence s.r.o. The project also involved Lukáš Makovský, working at the London Schools of Economics, UK and Henley Business School, University of Reading, UK.
The aim of the project was to create practical tools (valuation models) that would allow a) an estimate of the utility value of public goods, especially public amenities, public spaces and public infrastructure, which are not directly valued by the market, from data on the prices of market goods (here real estate) or from other data; b) an estimate of the impact of planned public and private projects on the price of residential and commercial real estate. Another aim of the project was to examine the possible uses of valuation models in the process of spatial planning and spatial decision-making and ex-ante assessment of the feasibility of development projects in the Prague metropolitan region, as well as in vocational education. Representatives of academia, the public, and private sectors participated in the three-year project.
The main results of the research are an open-source software application and an academic book. The val4plan software application provides a robust set of tools for implementing practical econometric analyses to verify the economic impacts of changes in the environment. The academic book 'Hedonické ceny veřejných statků', and its English mutation 'Hedonic Prices of Public Goods', describes the basic principles of parametric and non-parametric, classical and spatial regression methods used to derive hedonic prices, including quasi-experimental difference-in-differences models.

6) TAČR – Development potential of municipalities and regions (BETA, TITSMMR926, Department of Spatial Planning FA CTU in Prague, principal investigator: Jakub Vorel, 2021–2023)
The aim of the project was to develop a methodology and a software application that would enable the development potential of territorial districts of municipalities and administrative districts of municipalities with extended powers (SO ORP) to be assessed in a standardised and interactive manner. The project sponsor and the end user of its results was the Ministry of Regional Development of the Czech Republic. The first result of the project was a certified methodology for assessing development potential, which proposes a procedure for quick and easy comparison of development potential at the micro-regional and local level, namely administrative districts of municipalities with extended powers, municipalities and regional capitals and their hinterland. For this purpose, the methodology uses standardised indicators that, with

exceptions, are based on publicly available data and proposes procedures for assessing the development potential of the territory. The second result of the project is an interactive online application (see Table 3.4).

7) TAČR – Sustainable and affordable housing in strategic plans of settlements (ÉTA, TL01000143, Department of Building Theory FA CTU in Prague, MÚVS, principal investigator: Michal Kohout; investigators: David Tichý, Petr Štěpánek, Lucia Dobrucká, Veronika Peňázová, 2018–2019)
The aim of the project was to methodologically anchor the issue of housing as one of the pillars of strategic plans of settlements as well as smart cities concepts, and to describe the relationship between affordable housing and the competitiveness of settlements and regions, their economic and social sustainability, and the quality of life in them. Furthermore, the project sought to summarise the key determinants of sustainable and affordable housing in the 21st century, to describe and interpret relevant aspects with significant or hidden impacts on the sustainability and affordability of housing in cities and municipalities, and to codify these using indicators and to explore the possibilities of influencing them through strategic planning of cities and municipalities or other housing, policy and sustainable development policies. The project combines knowledge from the field of strategic planning and urban administration with knowledge of spatial planning processes, contemporary urban theory, and architectural and typological knowledge. The project contributed to the establishment of cooperation with experts from the Masaryk Institute of Advanced Studies, who supplemented the team with knowledge from the field of strategic planning and urban administration. The cooperation eventually resulted in other research projects as well as the introduction of a Lifelong Development program and current cooperation on the preparation of the Master's degree program in Planning and Development.

8) TAČR – Revitalisation of urban residential complexes of the housing estate type with an emphasis on solving their spatial layout and organisation of public space (TAČR Beta, TIRSMMR916, Department of Building Theory FA CTU in Prague, principal investigator: Michal Kohout; investigators: Filip Tittl, Jitka Molnárová, 2020–2021)
The main objectives of the project consisted of: a) elaboration of analytical material on the general conditions for the preparation and implementation of the revitalisation of residential complexes and individual apartment buildings from the point of view of current legislative conditions, their systemic administration and resolution of property relations; b) elaboration of analytical material focused on the possibilities of applying innovative technologies and solutions in housing construction (new forms, revitalisation, increasing the typological diversity of the social and generic composition of housing, integration of other activities within or in connection with existing buildings, use, organisation and hierarchisation of external and internal living space, technical equipment of buildings, etc.), recommendations for a methodology; c) elaboration of a methodology for solving comprehensive projects for the revitalisation of housing complexes of the housing estate type and the revitalisation of their public spaces using the principle of universal design, including a list and description of individual types of modifications and measures (catalogue); d) preparation of a pilot project of a selected housing estate at the stage of documentation for a building permit using the results of previous stages of work, including practical solutions to the analysed barriers (e.g. fragmented ownership), evaluation, especially in terms of the effectiveness of the public support funds spent, preparation and organisation of a conference on the topic of the analysis and methodology of the pilot project. The project contributes to the promotion of socially and functionally diversified development corresponding to the concept of a city of short distances and a fair city.

9) TAČR – Searching for new methods to support the implementation of the universal design principle in housing investment support (TIRBMMR823, Department of Building Theory FA CTU in Prague, principal investigator: Irena Šestáková, 2019–2021)
The main objective of the research was to review the existing legislative requirements for the use of buildings without barriers and to prepare materials for their amendment. Special attention was paid to the evaluation and optimisation of the requirements for special-purpose apartments with an emphasis on the methodological implementation of the principles of universal design. The aim was also to create materials that could be used to compare the economic efficiency of different levels of barrier-free adaptations. This material is used to determine possible new subsidy titles to support the renovation of housing construction from the period 1948–1990. Three types of results were addressed within the project: a) methodology for applying the principles of universal design and lifelong living in housing construction; b) application of the methodology in the form of a housing typology according to the principles of universal design and lifelong housing, mapping the housing stock built in the years 1948–1990 in the Czech Republic, for which models of barrier-free adaptations were subsequently developed according to the standards defined by the methodology; c) proposals for amending Decree No. 398/2009 Coll., on general technical requirements ensuring barrier-free use of buildings according to the upcoming amendment of legislative requirements for barrier-free use of buildings and the adopted European standard EN 17210 – accessibility and usability of the built-up environment (Decree of the Ministry of the Interior No. 146/2024 Coll. on requirements for construction and binding standards ČSN 73 4001 Accessibility and barrier-free use). An essential part of the research was the comparison of regulations in the Czech Republic with selected foreign legislation of a similar nature.

10) NAKI II – Optimisation of monitoring and evaluation of information on heritage buildings (Ministry of Culture of the Czech Republic, investigator for FA: Martin Pospíšil, principal investigator: Klokner Institute CTU in Prague)
The protection of objects with cultural and historical value is currently an important task for architects, conservationists and civil engineers. With the increasing adverse effects emanating from the surrounding environment, the degradation

processes of building materials are increasing. Obtaining sufficient information about the condition of the structure, its evaluation and the planning of diagnostic procedures regarding the anticipated progress of degradation is a key part of preventive care for heritage sites. Therefore, the applied research project focused on optimising diagnostic procedures to increase the efficiency and quality of the processes of preventive heritage-site activities while minimising costs. The optimised procedures included visual inspections, structural engineering surveys, and long-term monitoring of structures with an emphasis on the use of non-destructive procedures. The main objective was to provide operational tools and data for monitoring of decision-making, in particular, brick and metal structures. New methodologies were developed to review the ČSN standards and functional samples. The project's partial objectives included: choosing a diagnostic procedure and setting priorities for intervention depending on the type of historical structure, its condition, and its heritage value; development of gentle diagnostic procedures; optimisation of diagnostic systems for the selection of appropriate methods, locations, and monitoring frequencies; data for decision-making on measures and conceptual design of repairs. The application of innovative procedures reduces the costs of diagnosing historic buildings and leads to significant economic benefits by preventing breakdowns. The results were verified on real structures and published in professional publications. The project target group included experts in the protection of monument buildings, designers, construction companies, responsible authorities and students of secondary schools and universities.

Table 3.3.1 Projects supported by public funds

In the role of beneficiary						
Provider[25]	Project name	Support (in thousands CZK/EUR)[26]				
		2019	2020	2021	2022	2023
Ministry of Culture of the Czech Republic/ NAKI II	Architecture of the 1980s in the Czech Republic. Individuality, identity and parallel considerations against the background of political repression (principal investigator: Petr Vorlík)	2869/113	3287/130	3356/133	3269/129	
Ministry of Culture of the Czech Republic/ NAKI III	Stavoprojekt 1948–1953. Collectivization of architectural designing and its imprint in the memory of Czech landscape and cities (principal investigator: Petr Vorlík)					5412/ 213
Ministry of Culture of the Czech Republic/ NAKI II	Industrial architecture. Monument of industrial heritage as a technical-architectural work and as an identity of the place (principal investigator: Lukáš Beran)	3779/149	4492/177			

[25] If the provider is from abroad, please indicate the provider's country of origin in brackets. For the determination of the country of origin of the provider, the place of residence of the provider is decisive.
[26] Indicate the total amount expressed in thousands of CZK and the conversion of the total amount into Euro.

Ministry of Culture of the Czech Republic/ NAKI III	Industrial Architecture in the Second Half of the 20th Century: Extension, Transformation, and Identity (principal investigator: Jan Zikmund)					3833/151
Ministry of Culture of the Czech Republic/ NAKI II	Origin and attributes of heritage values of historical towns of the Czech Republic (principal investigator: Jan Jehlík)	4287/169	4773/188			
Technology Agency of the Czech Republic / ETA, BETA	TIRBMMR823 Searching for new methods to support the implementation of the principle of universal design in housing investment support (principal investigator: Irena Šestáková)	482/19	1274/50	139/55		
Technology Agency of the Czech Republic /BETA	TL01000143 Sustainable and affordable housing in strategic plans of settlements (principal investigator: Michal Kohout)	1220/48				
Technology Agency of the Czech Republic /ETA	TL03000695 Models for public goods valuation for spatial planning purposes TACR ETA (principal investigator: Jakub Vorel)		415/16	1171/46	1180/46	868/34
Technology Agency of the Czech Republic /BETA	TIRSMMR916 Revitalisation of urban residential complexes of the housing estate type with an emphasis on solving their spatial layout and organisation of public space (principle investigator: Michal Kohout)		951/37	1802/71		
Technology Agency of the Czech Republic /BETA	TITSMMR926 Development potential of municipalities and regions TAČR Beta (principle			1599/63	2472/98	379/15

	investigator: Jakub Vorel)					
Ministry of Culture of the Czech Republic	Real Santini (principal investigator: Pavel Kalina)					70/27
Prague City Hall	Preparation of the book 'CONCRETE, BŘASY, BOLETICE. Prague on the Wave of Brutalism' (principal investigator: Klára Brůhová)	60/2				
ERASMUS_21	Landscape and Climate Change Adaptation in Education (doc. Ing. Klára Salzmann, Ph.D.), International project				3667/151	3640/151
KRNAP	Footpaths and MOUNTAIN SHELTERS in Krkonoše Mountains					1552/65
Libčice nad Vltavou, in cooperation with the city and with students of the Higher Vocational School and the Secondary Industrial School in Volyně	3 sittings – a tie between Libčice nad Vltavou and the village of Tursko (students of the Hlaváček–Čeněk studio)	400/16				
Prague-Nebušice district, in cooperation with the Faculty of Mechanical Engineering of the Czech Technical University, the RENEX company, Valenta ZT, Havlíček Carpentry and Tomáš Beran Locksmithing	Eye over Nebušice, an original observation platform and an unconventional swing (students of the Seho–Poláček studio)			655/27		
Total		13097/516	15192/598	8722/395	10588/424	15754/656
In the role of another participant						
	Project name	Support (in thousands CZK/EUR)				

Provider[27]		2019	2020	2021	2022	2023
Ministry of Culture of the Czech Republic/ NAKI II	Technologies and procedures for the protection of historic concrete bridges (FA investigator: Lukáš Beran, principal investigator Klokner Institute, CTU)		113/5	136/5	136/5	
Ministry of Culture of the Czech Republic/ NAKI II	Methods for ensuring the sustainability of steel bridge structures of industrial cultural heritage (FA investigator: Martin Pospíšil, principal investigator Klokner Institute CTU)	619/25	643/26	560/22	581/23	
Ministry of Culture of the Czech Republic/ NAKI II	Optimisation of monitoring and evaluation of information on historical buildings (FA investigator: Martin Pospíšil, principal investigator Klokner Institute, CTU)	625/25				
Ministry of Culture of the Czech Republic/ NAKI II	Development and research of materials, processes and technologies for the restoration, conservation and strengthening of historical masonry structures and surfaces and systems for the preventive protection of historical and listed buildings threatened by anthropogenic and natural risks (FA investigator: Martin Pospíšil, principal investigator FSV CTU)	65/3	63/3			
Technology Agency of the Czech Republic /Environment for Life	Possibilities and limits of socially and environmentally sustainable participatory			499/20	545/21	505/20

[27] Ibid.

	housing in the Czech Republic (principal investigator: David Tichý)					
Technology Agency of the Czech Republic	Development of large-format 3D printing from recycled plastics and its application in innovative eco-design (Prof. Dr. Henri Hubertus Achten, consortium with Lavaris, Plastenco)					364/14
Technology Agency of the Czech Republic	Development of Timber Bridge using remote control and monitoring (FA investigator: Dalibor Hlaváček; principal investigator: Czech University of Life Sciences Prague)					344/13
Norwegian funds	Revitalisation of the historic Liechtenstein brewery, restoration of the original technology and access to the unique brewing museum and archive in Kostelec nad Černými lesy (FA investigator: Benjamin Fragner, principal investigator National Brewing Museum o.p.s.)			70/3	70/3	
International Visegrad Fund	Railway Heritage for Sustainable Tourism Development (FA investigator: Benjamin Fragner, consortium Serbia, Hungary, Czech Republic, Poland, Slovakia)			43/2		
Total		1309/53	819/34	1308/52	1332/53	1213/47

Table 3.3.2 - Contract research activities

Client[28]	Activity name	Revenue (in thousands CZK/EUR)				
		2019	2020	2021	2022	2023

[28] If the client is from abroad, indicate in brackets the country of origin of the client.

Klokner Institute, CTU	Hlávkův Bridge in Prague – architectural and historical research (principal investigator: Michael Rykl)	260/10				
Pet MAT	Cooperation and support for PET-MAT research and innovation	83/3				
Karlovarské minerální vody	Agreement on mutual cooperation and support for research and innovation	260/10	304/12			
Prague 10	Methodology for private sector participation in public expenditure	106/4	374/15			
National Theatre and the Association of Architectural Studios	The New Stage and restaurant building of the National Theatre in Prague – architectural and historical research (principal investigator: Petr Vorlík)		320/13			
Prague 6 district	Polyclinic Pod Marjánkou in Prague – expert assessment of reconstruction and completion (Department of Building Theory FA CTU in Prague)		306/12			
National Technical Museum	The last house of Adolf Loos		60/2			
Prague 10	Update of the method for the municipality		15/1	19/1		
The Prague Institute of Planning and Development	Elaboration of user and technical standards for the reconstruction of the Emauzy administrative complex		190/7	95/4	38/2	
The city of Neratovice and the OVA architectural studio	Neratovice Community Centre – inventory of architectural and interior elements (principal investigator: Miroslav Pavel)			119/5		
The Prague Institute of Planning and Development	New Hospital Prague-Letňany – expert assessment (Department of Building Theory FA CTU in Prague)			100/4		
The Prague Institute of Planning and Development	Bulovka Hospital in Prague – site-use analysis			250/10		
The Prague Institute of Planning and Development	Consultancy services for the preparation of the BIM reconstruction assignment of the Emauzy administrative complex			154/6		
Klokner Institute, CTU	Mánes Bridge in Prague – architectural and historical research (principal investigator: Michael Rykl)			100/4	50/2	
Pražská developerská společnost	Primary schools – manual for public building projects			411/16	280/11	
Pražská developerská společnost, the city of Sušice	Cooperation with cities, Kohout-Tichý studio				440/17	
The city of Jihlava, the city of Tábor	Cooperation with cities, Kohout-Tichý studio					440/17
Uniwersytet Wroclawski	Luxury, standard and poverty in the civilisation of the burghers of East Central Europa					40/2

EKOLA group, spol. s r.o.	Measurement of daylight for the office of the Administration of State Material Reserves with the influence of specific internal blinds (Daniela Bošová, Lenka Prokopová, Dagmar Richtrová)					20/1
Saint-Gobain Construction Products CZ a.s.	Ratiometric measurement of glazing transmittance (Daniela Bošová, Lenka Prokopová, Dagmar Richtrová)					99/4
NEBESYS a.s.	Ratiometric measurement of light transmission of a transparent roof system – 7 samples (Daniela Bošová, Lenka Prokopová, Dagmar Richtrová)					120/5
ADITEX, spol. s.r.o.	Evaluation of data from laboratory measurements of the ADITIZOL BASIC material in a climatic chamber to verify the thermal insulation properties of the material (Adéla Vrbová, Lenka Prokopová)					12/1
Total		709/27	1569/62	1248/50	808/32	731/30

Note: List and describe contract research activities with a revenue in a given calendar year, regardless of the amount of financial revenue.

3.4 Research results with existing or prospective impact on society

The evaluated unit shall briefly comment on a maximum of 10 (considered most significant by the evaluated unit) research results already applied or realistically heading towards application during the period of 2019–2023, based on the overview annex table 3.4.1 (it is recommended to indicate results with a link to projects listed in indicator 3.3). The evaluated unit must demonstrate in its description that the research results have led or will soon lead to positive impacts[29], on society (e.g. description of how the results are used by various users, the range of persons/institutions for which the result is relevant, measurable economic impacts, etc.). The evaluated entity shall indicate in its commentary whether the gender dimension is considered in these results and discuss the impacts of the results regarding sustainability.

Maximum range 300 words/result.

Self-assessment:

1) A methodology for the comprehensive identification and protection of attributes of heritage sites of historical cities and public spaces and the preservation of their authenticity (Jan Jehlík et al., 2020, certified methodology, see NAKI II MK CR, DG16P02R025, Department of Urban Design FA CTU in Prague).
A logically structured set of methods for the comprehensive analysis and evaluation of historical space from the perspective of development in the formation of the city, i.e. its organisation and methods of use and identification of the basic supporting landscape, urban and architectural phenomena, and prevailing activities, including their intangible manifestations. The results are applicable in the process of spatial planning as part of spatial analytical and spatial planning documents, spatial planning documentation, and for the development of plans for heritage-site care and for the assessment of specific projects. The use of the results leads to more erudite planning and decision-making in the field of heritage-site care and urban development. The methodology is a standard basis for teaching students and is further developed in dissertations. A methodology catalogue is continuously distributed within the relevant area of public administration. The certified methodology was used in the analytical part of the Territorial Study of the Prague Monument Reservation.

2) Methodology for applying the principles of universal design and lifelong living in housing construction (Irena Šestáková, Jan Tomandl, Michal Kohout, David Tichý, Erik Petrus, 2021, Applied methodology approved, see TAČR, TIRBMMR823, Department of Building Theory FA CTU in Prague)
The aim of the certified methodology was to create material that would provide support to public administration entities, designers and architects, the professional public, and defined groups of residents in implementing the principles of barrier-free and universal design in housing at the level of an apartment building and individual apartments. The methodology follows up, revising and developing, in particular a section of the then valid Decree of the Ministry of the Interior No.

[29] See Terms definition.

398/2009 Coll., on general technical requirements ensuring barrier-free use of buildings. Specifically, these are the sections relating to requirements for special purpose apartments and customisable apartments. In contrast to the aforementioned decree, the methodology mainly brings a division into several categories of accessibility of apartments, which will enable, for example, the ensuring of minimum standards in ordinary apartments, in social apartments, in homes for the elderly or in apartments in nursing homes. It will also simplify the possibility of future use and possible adaptations of apartments for people with limited mobility or orientation. Other standards develop the current requirements for special purpose apartments for people with limited mobility. In addition to technical and spatial requirements, the methodology also contains recommendations and guidance solutions. Different categories of apartment accessibility can also be observed in foreign legislation (Sweden, Germany). The newly defined accessibility standards were reflected in legislation in 2024, specifically in the Decree of the Ministry of the Interior No. 146/2024 Coll. On the requirements for construction and binding standards ČSN 73 4001 Accessibility and barrier-free use.
https://mmr.gov.cz/cs/ministerstvo/bytova-politika/archiv-do-2024/publikace-a-analyzy/1/metodika

3) Methodology for solving comprehensive projects for the regeneration of housing estate-type residential complexes (Michal Kohout, Jitka Molnárová, David Tichý, Filip Tittl, 2021, Applied methodology approved, see TAČR Beta, TIRSMMR916, Department of Building Theory FA CTU in Prague)
The methodology represents a procedure for bringing current Czech housing estates, home to approximately 30 % of the population of the Czech Republic, closer to the requirements for contemporary housing. The methodology represents a set of measures improving the low adaptability of housing estates, the deficit of employment opportunities and higher-standard housing, the absence of private and shared outdoor areas, as well as the lack of personalisation of the public space, a non-intuitive transport service system and a lower number of parking spaces, and so on while maintaining their chief advantages, which can be considered, for example, the openness of the development, a large proportion of green areas, an economical density of development, the availability of basic civic amenities, etc. The ultimate purpose of the methodology is to create sustainable territorial units from housing estates with a high degree of resilience, functioning as fair and inclusive cities of short distances with a lively functional and social structure providing adequate housing for all people throughout the life cycle.
https://mmr.gov.cz/cs/ministerstvo/bytova-politika/archiv-do-2024/publikace-a-analyzy/1/revitalizace-mestskych-obytnych-celku-sidlistn-(1)

4) Tabula Rasa / Děčín (Josef Šafařík, RUV-84873, OPVV-Centre for Advanced Applied Natural Sciences, CZ. 02.1.01/0.0/0.0/16-019/0000778, Department of Design FA CTU in Prague)
In 2021, a sculpture concept was created as a result of cooperation between the Faculty of Physics, the Faculty of Engineering and the Faculty of Physics of the Czech Technical University. The goal was to shape the synergy between these faculties and popularise science at the Faculty of Engineering. Inspiration came from a dialogue between artists and scientists during workshops. The design connected abstract and concrete representations and brought particle physics closer to the public.
The central theme of the project was physical interference, a principle of wave physics and optics, which describes the behaviour of waves when two or more sources meet. Constructive interference occurs when the amplitudes of the waves add up, and destructive interference occurs when they cancel each other out. In art, this principle is used to create optical effects, for example, through transparent materials or overlapping layers.
The Tabula Rasa sculpture is unique, thanks to technological experimentation, especially in glassmaking and interdisciplinary integration. Josef Šafařík explored new approaches here and also designed a multimedia interface that connects the work of art with scientific data from CERN. The sculpture is the first of its kind with a variable mirror surface that reacts to the movement of the observer. The interference pattern was precisely calculated for the given space and integrated into the interlayers of the glass composition, enhancing the visual effect and interaction with the viewer. The combination of illusion and physical principle allows for the creation of a hyperstructural event in which reality and fiction merge.

5) Bohemian Perfection (Marián Karel, RUV-77826, Department of Design FA CTU in Prague)
This first of the trio of exhibitions represented a combination of student design from the Department of Design FA CTU and top craftsmanship from several traditional fields. The exhibition was characterised by its large-scale concept, where over an area of more than 150 m² in the historic space of the Old Town Hall, traditional craftsmanship, contemporary design and the unique atmosphere of the place were brought together. The exhibition was conceived with an emphasis on minimalism and efficiency, using simple and affordable structures. It presented not only student designs and samples of craftsmanship from the participating companies, but also tools, materials, and forms illustrating the process of producing individual artefacts. The exhibition had a distinct educational character and offered visitors insight into traditional and contemporary approaches in the field of design and craftsmanship. Its great success was confirmed by the attendance of more than 4,000 visitors in just one month.
A significant benefit was also practical cooperation, which led to the testing of innovations in production processes, such as the valorisation of waste from the TON company's production, and to the realisation of some products that have since become a permanent part of the companies' production portfolio, such as Jasanky or Košíkářství Král.

6) Architecture of the Eighties (Petr Vorlík, Lucia Mlynčeková, Jan Zikmund, Lenka Kužvartová, Jana Bukačová, Tereza Pokorná, 2022, Specialised Map with Expert Content, see NAKI II MK ČR, DG18P02OVV013, Department of Theory and History of Architecture FA CTU in Prague)
This specialised map was created as a synthetic, publicly available platform at www.architektura80.cz, which contains the results of a five-year research project. Professionally verified data are presented on three complementary levels – buildings, personalities, events – that support other publication outputs of the project (books, articles, proceedings texts). The map at the address forms an anchor point for professional institutions that deal with the topic of architecture of the seventies and eighties, such as the National Institute of Monuments, the Academy of Sciences, Charles University and the University of Applied Arts. However, public administration institutions are also key beneficiaries, especially in the areas of property management, heritage-site care, or spatial planning. The financial benefit cannot be quantified, as the core lies in the long-term social benefit, especially in the transformation of value frameworks and in making previously unknown, inaccessible, or incomprehensible information publicly available on a platform based on professional work. The theme naturally takes into account gender issues – the 1980s are precisely the period when women architects are more prominent in the field (see the book *rozhovory*) and when, within the framework of generational change and growing interest in regions and 'fringe topics', the role of the young and middle generation of creators is growing, shaping a new, more inclusive approach to the creation of public space and so-called humanised architecture. It was also in the 1980s that the first attempts at ecological solutions and sustainability were established in the field of architecture (see records in the database of buildings and chapters in the books *(a)typ*, *nepostavená*, *improvizace*, *ambice*).
www.architektura80.cz

7) Séquin & Knobel: A Map of Industrial Architecture (Lukáš Beran et al., 2022, Specialized Map with Expert Content, see NAKI II MK ČR, DG16P02H001, Research Centre for Industrial Heritage FA CTU in Prague)
A map presenting newly discovered global historical and cultural connections in the topographic structure. The content of the map was chosen as a case study of the activities of the specialised industrial building design office of Carl Arnold Séquin-Bronner, which has been collaborating with the firm Séquin & Knobel since 1895, when it teamed up with the architect Hillario Knobel. The findings from the office documents, stored in the archives of the Institute of History and Theory of Architecture (gta) at the ETH in Zurich, combined with the results of research into archival funds in the Czech Republic. Detailed literature searches and field research made it possible to capture approximately one hundred of its buildings in Switzerland, Germany, Austria, and the Czech Republic. The content of the online map, freely available on the website sequin-et-knobel.net, can be shared and co-created by today's users of these buildings, local experts or witnesses, and thus support the life of local communities. As a result, it presents a whole range of possibilities for new uses of typologically similar buildings – various models of sustainability.
https://sequin-et-knobel.net/

8) Potential for the development of municipalities and regions (principal investigator Jakub Vorel, 2023, online application, see TAČR BETA, TITSMMR926, Department of Spatial Planning FA CTU in Prague)
An interactive online application for automatic evaluation and display of the development potential of municipalities and regions, which allows individual target groups to find the current development potential of territorial units, including partial potentials in the monitored areas (e.g. environment, demography, public services, etc.) within the map display. The application is publicly available and represents an easily accessible tool that is understandable to all potential target groups of users. It consists of four user interfaces: evaluation of SO ORP, evaluation of municipalities, evaluation of regional cities and their surroundings, and evaluation in the map. The online application allows users to choose from a large number of indicators in various thematic areas and to choose territories with which they will compare their own areas, thus allowing users to compile individual comparisons, change and test these comparisons, and thus obtain richer information. The application draws data mainly in an automated manner (with a few exceptions) in real time and provides users with current comparisons based on standardised indicators of development potential. Automated drawing of data into the application system will allow in the future continuous monitoring of the development potential of individual territorial units in a time series.

9) 3D printing and filament from recycled plastic, use of plastic waste in architecture and design (Kateřina Sýsová et al, Department of Architectural Modelling FA CTU in Prague)
Research on the use of plastic waste in architecture and design has been ongoing since 2010. Starting with the establishment of the Experimental Studio supported by the publication of 150,000 PET bottles (2014) and installations pointing out the seriousness of the issue for the PETree company (2015) and PETAnděl (2016 and 2017), cooperation began with the largest PET bottle producer in the Czech Republic (Karlovy Vary mineral waters MATTONI). The PET brick (EP3101189) or bottle-brick was patented, designed to serve construction purposes after the contents were emptied (first presented in the Czech pavilion at the EXPO 2015 world exhibition in Milan). Other installations were then made from this brick (PETOTEM at the Blik Blik festival in Pilsen 2017, a stand for the CTU publishing house 2018, winners' podiums for the RUN CZECH 2018 event). With the development of 3D printing in the Czech Republic, research began to deal with recycled filament or printer cartridges made of PET material: PETsculpt (2017, Advent statue in Jindřichův Hradec), Parallel World of Angels (2018, 18 angel statues designed by sculptor Michal Trpák), Kaleidoscope (2019, statue for the International Construction Fair in Brno), 3dění (2022, Dačice sugar cube project with MAS Czech Canada), Plasteosaurus (2022, statue of a 6-meter dinosaur for the

National Museum in Prague) and 3D EXPO surprise (2023). All of these projects were connected with students of FA CTU in Prague, who modelled sculptures for 3D printing, trained volunteer printers of different ages and genders about the possibilities of circularity of materials, especially plastic. Recycled filament produced in the Czech Republic is still on the market today.

10) Bridges to the Krkonoše Mountains vol. 2, KRNAP Administration (Dalibor Hlaváček, Martin Čeněk, Hana Seho et al., Department of Architectural Design II FA CTU in Prague)
The design-build projects of the Department of Architectural Design II, implemented in cooperation with the Krkonoše National Park Administration (KRNAP), represent an important form of scientific and research activity focused on innovative designs and realisation of small architectural objects in extreme mountain conditions. The projects combine theoretical knowledge with practical experience and allow students to go through the entire process of the creation of a building to its realisation. Cooperation with the Krkonoše National Park Administration began in 2017, when the first set of footbridges was completed. Between 2019 and2023, two main series of projects were created: sets of mountain shelters (2019) and footbridges (2023). Six shelters were installed at strategic locations where they can provide refuge for tourists. The architectural concepts were inspired by the local environment, climatic conditions, and the need for sustainability. The successful construction of the shelters was followed by a second set of footbridges, designed to meet demanding mountain conditions and aesthetically fit into the natural environment of the Krkonoše Mountains. The significance of the completed projects is confirmed not only by an award from the Public Investor's Action in the Krkonoše Prize for Architecture (2022) but also by the long-term contribution to the design-build educational concept. The students gained invaluable experience with the complex process of architectural creation, and the KRNAP Administration received functional and aesthetically valuable buildings that enrich the tourist infrastructure of the Krkonoše Mountains. Cooperation between the academic sphere and the administration of this protected area shows the possibilities of linking education, research, and practical implementation in the public space.
https://1-1lab.cz/en/

Table 3.4.1 - Overview of research results in the period under evaluation

Type of result[30]	Year of application	Name
Applied methodology approved	2020	A methodology for the comprehensive identification and protection of attributes of heritage sites of historical cities and public spaces and the preservation of their authenticity (Jan Jehlík et al., see NAKI II MK CR, DG16P02R025, Department of Urban Design FA CTU in Prague).
Applied methodology approved	2021	Methodology for applying the principles of universal design and lifelong living in housing construction (Irena Šestáková, Jan Tomandl, Michal Kohout, David Tichý, Erik Petrus, see TAČR, TIRBMMR823, Department of Building Theory FA CTU in Prague)
Applied methodology approved	2021	Methodology for solving comprehensive projects for the regeneration of housing estate-type residential complexes (Michal Kohout, Jitka Molnárová, David Tichý, Filip Tittl, see TAČR Beta, TIRSMMR916, Department of Building Theory FA CTU in Prague)
Exhibition, artworks, prototypes	2021	Tabula Rasa / Děčín (Josef Šafařík, OPVV-Centre for Advanced Applied Natural Sciences, RUV-84873, CZ. 02.1.01/0.0/0.0/16-019/0000778, Department of Design FA CTU in Prague)
Exhibition, artwork	2022	Bohemian Perfection (Marián Karel, RUV-77826, Department of Design FA CTU in Prague)
Specialised Map with Expert Content	2022	Architecture of the Eighties (Petr Vorlík, Lucia Mlynčeková, Jan Zikmund, Lenka Kužvartová, Jana Bukačová, Tereza Pokorná, see NAKI II MK ČR, DG18P02OVV013, Department of Theory and History of Architecture FA CTU in Prague)

[30] Specify the specific type of result. Add rows as needed.

Specialized Map with Expert Content	2022	Séquin & Knobel: A Map of Industrial Architecture (Lukáš Beran et al., see NAKI II MK ČR, DG16P02H001, Research Centre for Industrial Heritage FA CTU in Prague)
online application	2023	Development potential of municipalities and regions (principal investigator Jakub Vorel, see TAČR BETA, TITSMMR926, Department of Spatial Planning FA CTU in Prague)
	2014–2023	3D printing and filament from recycled plastic, use of plastic waste in architecture and design (Kateřina Sýsová et al, Department of Architectural Modelling FA CTU in Prague)
Design-built project	2023	Bridges to the Krkonoše Mountains vol. 2, KRNAP Administration (Dalibor Hlaváček, Martin Čeněk, Hana Seho et al., Department of Architectural Design II FA CTU in Prague)

Note 1: Please list and describe the results already applied in practice or heading towards application in practice with existing or prospective impact on the society (e.g. domestic or foreign patents, sold licenses, spin-offs, prototypes, varieties and breeds, methodologies, significant analyses, surveys, expert outputs for policymaking or other forms of non-publication outputs, etc.). Indirect results of research, development and creative activities with documented societal impact, e.g. expert activities, services to the public/government/scientific community, may also be reported.

TRANSFER OF RESULTS INTO PRACTICE

3.5 Transfer of results into practice

The evaluated unit shall briefly describe its system for transferring results into practice. It shall also indicate up to five of the most typical users of its results, whether in the university environment or in the non-university application/corporate sphere, detailing how it collaborates with them and how it seeks out new users (using a maximum of five specific examples). It will also indicate whether and how it commercialises R&D&I results (e.g. selling licences, setting up start-up or spin-off companies, etc.)[31], providing brief description of the commercialisation methods used. The effectiveness of the transfer of results and the commercialisation of R&D&I results will be described using a selection of results (max. five) listed in annex table (Table 3.4.1).[32]

Additionally, the evaluated unit shall briefly comment on the funds received during the period of 2019–2023 from non-public, non-grant sources (e.g. licences sold, spin-off revenues, donations, etc.). A full summary shall be provided in annex table (Table 3.5.1).

Maximum 500 words plus 200 words for each provided example of finding a new user of results and commercialization.

Self-assessment:

With its interdisciplinary focus, the Faculty of Architecture covers a wide range of research areas – from predominant art, social sciences, history and theory, urbanism and spatial planning, public space management, building typology, to engineering. The most typical beneficiaries of research originating at the Faculty include: in the case of theory and typology, the professional public (practicing architects and designers), in the case of urbanism and territorial or spatial planning and landscape, public administration (municipal and city management, politicians), in the case of history and heritage-site management, professional institutions and property owners or managers (especially the National Heritage Institute, public administration, the Academy of Sciences, other universities), in the case of engineering or experimental design (e.g. digital, 3D printing, new materials) construction companies and manufacturers, in the case of design, manufacturers.
It follows from the above that only a small part of the activities can be realistically commercialised, as most of the research has rather long-term social impacts on the value system, planning of the built-up environment and, last but not least, on the humanisation of the public space, architecture or design and their shift towards sustainability. Most of the above-

[31] In the case of military HEIs, their specific position is taken into account when evaluating the commercialisation/evaluation of R&D&I results.
[32] If the commercialisation of R&D&I results is carried out in this way.

mentioned application outputs are thus of the nature of completely non-commercialisable soft social-scientific or artistic tools (e.g. methodologies, professional maps) or only not very profitable expert activities (building-historical surveys, assessments, analyses). A certain exception is the FA's closest activities on the borderline of research and design, with greater (e.g. general plans, spatial plans) or lesser impacts (individual building designs) on society for whose full and financially beneficial implementation in a university environment, however, there are no adequate administrative conditions in the Czech Republic (the university as a contributory organisation) and quite a few of these activities are rather created in the private studios of academic staff working at the FA. It should be added that, in the field of design, the FA is clearly the dominant institution in the Czech Republic (see results in the Register of Artistic Outputs of the Czech Republic). One specific area is cooperation with design manufacturers and design-build projects, both areas are highly developed at the FA, the financial benefit of which is, however, primarily the opportunity to offer students cooperation on specific products, in specific production conditions, with the result in the form of a 1:1 prototype. The cultivation of the public space (e.g. the implemented footbridges and shelters in the Krkonoše National Park) and the testing of ecological or inclusive solutions (e.g. mycelium as a building material, structures made of recycled PET bottles, barrier-free and humanised design products) are also of fundamental benefit to these activities.

Table 3.5.1 - Summary of non-public revenues received during the period under evaluation

Type of revenue	Revenue (in thousands CZK/EUR)				
	2019	2020	2021	2022	2023
Donations	220/8	50/2	310/12	7/0,3	20/1
Total	220/8	50/2	310/12	7/0,3	20/1

Note: Enter funds raised for R&D&I from non-public sources besides grants or contract research (e.g. licences sold, spin-off company revenues, donations, etc.) in the calendar year.

POPULARIZATION OF VAVAI

3.6 The most important activities in the field of popularization of R&D&I and communication with the public

The evaluated unit shall briefly describe its main activities related to the popularisation of R&D&I and communication with the public (e.g. popularisation lectures, citizen science initiatives, etc.) during the period of 2019–2023 and provide up to 10 examples that it considers the most significant.

Maximum 500 words plus 200 words for each example given.

Self-assessment:

In recent years, FA has significantly increased the popularisation of its activities in the public sphere. The FA website has a Science and Research in the FA section dedicated to basic information about research, containing basic information about selected projects and publications with links to a complete list of activities registered in the V3S CTU system. The professional public is also informed of current lectures, publications, conferences, exhibitions or creative activities, etc. in news on the FA website, through e-mail newsletters, on social networks and in press releases to the media. National and specialised professional media are consistently invited to book launches and other events, and it is not infrequent on such an occasion to report on the events at the FA and its research activities, projects and partial outputs of these projects (see PR monitoring as an annex). This presentation emphasises the 'FA brand', comprehensibility, and attractiveness for the general public but at the same time, scientific and social benefits are always highlighted.
Projects with overlaps with design practice always deserve special attention from the public, especially exhibitions of student projects and design-build projects.
FA academic staff often receive media invites to express themselves in connection with their expertise arising from long-term research on current issues and topics of architecture. They are also often invited by various societies and associations to give lectures to the general professional and lay public (e.g. Days of Architecture, CAMP, Klub Za Starou Prahu, Plac Jablonec na Nisou, VIPER, Jaroslav Fragner Gallery).
Larger research projects and workplaces also have their own websites (e.g. vcpd.fa.cvut.cz, architektura80.cz).
An essential popularisation tool is also the faculty bulletin Alfa, which in recent years has been providing more information on monothematic issues about selected activities and topics at the Faculty. There is also the faculty yearbook, published and distributed in both Czech and English versions.

Between 2019 and 2023, teachers and students were significantly represented in the media, with a total of nearly **600 mentions** in a wide range of professional or news media and popularisation portals. Of these, the public media, including Czech Television and Czech Radio, brought **47 mentions**. The most represented were thematically focused media in the fields of architecture, design and education, as well as national and regional news platforms. This is evidenced by the media's interest in the academic and research activities of the FA and the visibility of the faculty's teachers and students in the public debate.

1) Iconic Ruins? Ještěd versus Transgas – Petr Vorlík – 5. 12. 2019
Presentation of post-war architecture of the V4 countries, lectures, discussions and an exhibition opening at the Czech Center in Berlin.

2) 8+1 Unit Housing – Michal Kohout – 2019
Lecture on the occasion of the opening of an exhibition, Universiteti Metropolitan Tirana.

3) Architecture in the crosshairs. Are we taking revenge on buildings from the 1960s to the 1980s during communism? Conversations with architectural historian Petr Vorlík – March 25, 2020
Interview on research into post-war architecture and an on-going exhibition at the National Gallery.
https://plus.rozhlas.cz/architektura-je-bud-dobra-nebo-spatna-neumime-ocenit-realnou-hodnotu-staveb-8170487

4) 'No one knocks down a Baroque facade, but a mosaic from the 1970s? No problem.' says architectural historian – Veronika Vicherková, Petr Vorlík – 2. 2. 2021
Interview on the occasion of the publication of the book Architecture on the Red List / It is Normal not to Demolish.
https://wave.rozhlas.cz/barokni-fasadu-nikdo-neotluce-ale-mozaiku-ze-70-let-klidne-rika-historicka-8417708

5) The eighties, underestimated heritage of ideological shifts – Petr Vorlík – 22.–23.10. 2022.
Lecture and presentation of the Iconic Ruins exhibition at the Third Future Present Architecture Biennale in Tbilisi.

6) The Circle – How does architecture influence film and film influence architecture? – Petr Hájek – 11. 1. 2022
The Czech architect and professor at FA CTU Petr Hájek is one of the innovative architects of the present day and each of his designs provokes discussions within the field and also among the wider public. He invites the famous director of popular Czech films Jan Hřebejk to a dialogue in the Circle.
https://www.radio1.cz/kruh-jak-ovlivnuje-architektura-film-a-film-architekturu/

7) Old factories are witnesses to a disappearing era. Where can they still be seen and visited? – Lukáš Beran, Benjamin Fragner and Jan Zikmund – 4. 5. 2022
Lukáš Beran, Benjamin Fragner and Jan Zikmund from the Research Centre for Industrial Heritage are investigating old industrial buildings – breweries, chimneys, lime kilns and transformer stations. What is interesting about them? And why should we not demolish them, but instead reuse them?
https://wave.rozhlas.cz/stare-tovarny-jsou-svedci-zanikajici-doby-kde-je-jeste-videt-a-navstivit-8738449

8) Tires, bumpers and concrete. Students transformed waste into design objects – Reborn Design – 8. 6. 2022
A sink made of recycled concrete, a play element made of waste plastic and car seat belts, or a variable storage system made of rubber. These are the winning items of the first year of the Reborn Design challenge for students.
https://www.newstream.cz/zpravy-z-firem/jak-by-mohl-vypadat-druhy-zivot-plastoveho-narazniku-nebo-bezpecnostniho-automobiloveho-pasu

9) Zoo Architect – Pavel Ullmann – December 17, 2022
Pavel Ullmann is an architect and university lecturer who specializes in zoos. He has been designing zoos for over 25 years and has published a book about his experiences with the often exciting process of creating environments for animals, The Elephant in Architecture. In 2004, he traveled to New Jersey as a Humphrey fellow at Rutgers State University.
https://vedavyzkum.cz/z-domova/komise-j-williama-fulbrighta/pavel-ullmann-architekt-zoologickych-zahrad

10) Ambition: Architecture of the Eighties – 2. 3. 2023
The launch of the final book of the architektura80.cz project, combined with a meeting of the professional public, a moderated discussion, and a screening of period short films from the Czech Television archive. With the participation of the media.
https://www.stavbaweb.cz/ambice-architektura-osmdesatych-let-26846/clanek.html;
https://www.earch.cz/revue/clanek/nenaplnene-ambice-kniha-sleduje-unik-z-projekcni-kazdodennosti-80-let;
https://ct24.ceskatelevize.cz/kultura/3573151-unik-do-soukromi-i-touha-po-kreativite-v-architekture-konce-80-let-se-vycerpaly

IMPLEMENTATION OF RECOMMENDATIONS

3.7 Implementation of the recommendations in Module 3

The evaluated unit will briefly describe how it has implemented the recommendations for Module 3 from the previous evaluation period, if applicable.

Maximum 1000 words.

Self-assessment:

1) Report 2020: The international exchange and the involvement of foreign specialist is promising but could be more intensive.
In 2022, the FA established the Academic Competition for the Support of Artistic, Creative, and Publishing Activities, and subsequently in 2023, the Mobility Fund. The aim of both systems is to initiate and support relevant scientific and creative outputs and projects, with an emphasis on their professional parameters and international dimension. In the Academic Competition, it is possible to apply for support for professional publications, with preference for bilingual, foreign-language and internationally relevant outputs, for support for translations and foreign-language proofreading, for support for the presentation of creative activities and for holding events that go beyond the pedagogical process. The Mobility Fund supports travel abroad and income mobility, including participation in foreign conferences, holding lectures and activities of foreign personalities at the FA, etc. Another form of such an initiation is a reward for extraordinary results from the Future Fund.
The FA has also initiated a Visiting Professor Institute (Winy Maas, Queercraft) and is working on hosting international events (Workshop Conservation / Demolition Heritage section EAAE in 2019; EAAE Annual Conference + General Assembly in 2021) and lectures by foreign guests (November Talks, Ukrainian researchers, etc.). The FA has also prepared a Double Degree program with Politecnico Milano.
The aim of strengthening international cooperation and overlaps is also reflected in the revitalisation of doctoral studies, consisting, among other things, in the establishment of the FA Doctoral Study Regulations (obligation to participate in an international conference, monthly foreign internships and publication activities). The number of doctoral students from abroad is also gradually increasing. In 2022–2023, two postdocs from abroad worked at the FA as researchers.
An integral part of the internationalisation effort is also the visibility of the FA in the international space (FA yearbooks in English) and visibility within the QS Ranking (in 2023, after a six-year break, it returned to the top 240 architecture schools in the world and in 2024 moved up to the 151–200th place).

2) Report 2020: There is some important research of high benefit concerning 3.6. which should be continued and deepened. The argumentation of the faculty concerning 3.5 is not quite plausible. There are of course areas of research, which could be carried by the members of the faculty and which lead to results that can be applied in practice. The faculty should take measures to look for common areas of interest with building industry, as other schools of architecture do.
In recent years, the FA has been striving to highlight cooperation with external entities, a typical example being the growing research by design projects – in particular cooperation with the Krkonoše National Park (see implemented shelters and footbridges), with the city of Libčice nad Vltavou and with students of the Higher Vocational School and the Secondary Industrial School in Volyně (seats), with Nebušice (Oko viewpoint), with Mníšek pod Brdy (refreshment stand at a pilgrimage site). Expert activities (methodologies in connection with spatial planning, building-historical surveys for public institutions or architectural offices) and creative cooperation with municipalities playing a significant role, especially in the area of examining the possibilities of the public space and public buildings (as part of teaching design studios and the activities of the Department of Landscape Architecture). Practicing architects working at the school also offer a significant connection with praxis, and this level of cooperation has been further strengthened in recent years thanks to generational change.
Cooperation with production, or rather testing of production possibilities and limits, is a typical activity of Department of Architectural Modelling (e.g. Lavaris, Plastenco) and Department of Design (e.g. TON, RWE, Sapeli, Technistone, Galavito, Tesla, Meva, Meopta, Viadrus, Lasvit). In recent years, cooperation with other universities has also been strengthened (workshop CZ2 Visions for the Future of the Czech Republic led by Winny Maas (MVRDV) at FA together with Archip and TU Delft and TUL Liberec, VUT Brno etc.; or workshop Architecture Ethnography led by Momoyo Kaijima (Bow Wow) at FA together with ETH) and the work of our teachers at other universities and their activities (Ondřej Císler and double degree with Politecnico Milano; invited lecturers of Department of Theory and History of Architecture at the High-tech conference at ETH Zurich; invited lecturer and guest lecturer of Department of Building Theory at EPOCA University in Tirana).

3) Report 2020: Whilst it is good to see important research being carried out, looking at the breadth of subjects covered by the school, there seem to be parts of the faculty which are research inactive. It would be good for a raft of measures to be put in place for all staff to be encouraged to carry out research to a high standard.
By introducing and setting up support funds, such as the aforementioned Academic Competition or the Mobility Fund, the FA strives not only to strengthen publishing and creative activities and internationalisation, but also to increase cooperation

across (more experienced and still rather less active) departments and with external entities (support is usually linked to other sources of funding). The above-mentioned reform of doctoral studies has also gone in the same direction (the Doctoral Study Regulations, the ongoing revitalisation of subjects, revision of the Student Scientific Conference or publication and presentation activities, formulation of FA priorities when awarding subsidies within the framework of the CTU Student Grant Competition or IP projects of the Ministry of Education, Youth and Sports). In 2024, the FA also underwent a relocation that had been prepared for several years, during which the relocation and more efficient use of FA premises created more suitable conditions for cooperation between thematically close institutes; shared doctoral rooms were created, workshops were retrofitted, etc.
Another method of initiating greater involvement in research was the long-awaited reform of the methodology for distributing funds within the FA, which now places greater emphasis on 'full-fledged' scientific outputs, international cooperation and publication activities, on quality coefficients resulting from active grants, etc.
An integral part of this process is the gradual generational change that the FA has been undergoing in recent years hand-in-glove with the effort to improve working conditions and build an inclusive environment (an ombudsman, an Equal Opportunities Commission, wellbeing and work-life balance surveys, baby-changing counters, inclusive language in all forms of communication, including FA regulations).

A LIST OF SUPPORTING DOCUMENTS/LINKS FOR MODULE 3

Document name	No. criteria	Location (link in HTML)
FA CTU: Visuals, Data, and Achievements	3.1; 3.2; 3.3; 3.4; 3.5	www.fa.cvut.cz/vyzkum-a-spoluprace/fa-ctu_self_evaluation_report_2025_annex.pdf
Methodological Guide to Participatory Housing for Cities and Municipalities in the Czech Republic	3.3	participativnibydleni.cz/metodika-manual/
Methodology for applying the principles of universal design and lifelong living in housing construction	3.4	https://mmr.gov.cz/cs/ministerstvo/bytova-politika/archiv-do-2024/publikace-a-analyzy/1/metodika
Methodology for solving comprehensive projects for the regeneration of housing estate-type residential complexes	3.4	https://mmr.gov.cz/cs/ministerstvo/bytova-politika/archiv-do-2024/publikace-a-analyzy/1/revitalizace-mestskych-obytnych-celku-sidlistn-(1)
Specialised map Architecture of the Eighties	3.4	www.architektura80.cz
Design-build projects of the Department of Architectural Design II	3.4	https://1-1lab.cz/en/
Popularization – media	3.6	*https://plus.rozhlas.cz/architektura-je-bud-dobra-nebo-spatna-neumime-ocenit-realnou-hodnotu-staveb-8170487*
Popularization – media	3.6	*https://wave.rozhlas.cz/barokni-fasadu-nikdo-neotluce-ale-mozaiku-ze-70-let-klidne-rika-historicka-8417708*
Popularization – media	3.6	*https://www.radio1.cz/kruh-jak-ovlivnuje-architektura-film-a-film-architekturu/*
Popularization – media	3.6	*https://wave.rozhlas.cz/stare-tovarny-jsou-svedci-zanikajici-doby-kde-je-jeste-videt-a-navstivit-8738449*
Popularization – media	3.6	*https://www.newstream.cz/zpravy-z-firem/jak-by-mohl-vypadat-druhy-zivot-plastoveho-narazniku-nebo-bezpecnostniho-automobiloveho-pasu*
Popularization – media	3.6	*https://vedavyzkum.cz/z-domova/komise-j-williama-fulbrighta/pavel-ullmann-architekt-zoologickych-zahrad*
Popularization – media	3.6	*https://www.stavbaweb.cz/ambice-architektura-osmdesatych-let-26846/clanek.html; https://www.earch.cz/revue/clanek/nenaplnene-ambice-kniha-sleduje-unik-z-projekcni-kazdodennosti-80-let;*

		https://ct24.ceskatelevize.cz/kultura/3573151-unik-do-soukromi-i-touha-po-kreativite-v-architekture-konce-80-let-se-vycerpaly