APPENDIX 1 List of contacted university STPs and added respondents (managers) to the interviews in selected countries

Slovakia – List of contacted university STPs and added respondents (managers) to the interviews

	Project name	University	Region	Position of respondent
1.	University Science Park STU Bratislava	Slovak University of Technology	Bratislava	Head of Centre for Nanodiagnostic of Materials (interview)
2.	University Science Park UK Bratislava	Comenius University	Bratislava	Head of Centre for Genomics and Bioinformatics
3.	University Science Park BIOMED	Slovak Academy of Science / Comenius University	Bratislava	
4.	University Science Park Cambo Trnava	Slovak University of Technology	Trnava	Director (interview)
5.	University Science Park UNIZA	University of Žilina	Žilina	Director
6.	University Science Park Medipark Košice	Pavol Jozef Šafárik University of Košice	Košice	Director
7.	University Science Park TECHNICOM	Technical University of Košice	Košice	Director (interview)
8.	Centrum aplikovaného výskumu nových materiálov a transferu technológií SAV	Slovak Academy of Science	Bratislava	
9.	Research centre ALLEGRO	Slovak Academy of Science	Bratislava	
10.	Research centre AgroBioTech	Slovak University of Agriculture	Nitra	
11.	Výskumné centrum Žilinskej univerzity	University of Žilina	Žilina	
12.	Martinské centrum pre biomedicínu (BioMed Martin)	Comenius University	Žilina	
13.	Centrum výskumu a vývoja imunologicky aktívnych látok	Slovak Academy of Science	Prešov	
14.	Výskumné centrum progresívnych materiálov pre súčasné a budúce aplikácie PROMATECH	Slovak Academy of Science	Košice	
	Government institution			

				Head of Department for the Implementation of Public Policy, European and International research and development initiatives
15.	Science and Technology Section	Ministry of Education, Science, Research and Sport of the Slovak Republic	Bratislava	

*the column 'position of respondent' refers only to returned questionnaires and interviews conducted
**the green colour indicates subject contacted only in the pilot round

Czech Republic - List of contacted university STPs and added respondents (managers) to the interviews

	Project name	University	Region	Position of respondent
1.	BAT centrum JU	University of South Bohemia	South Bohemian	
2.	CERIT Science Park	Masaryk University	South Moravian	Executive Director (interview)
3.	CEITEC - středoevropský technologický institut	Masaryk University	South Moravian	Deputy Director (interview)
4.	CEPLANT - Regionální VAV centrum pro nízkonákladové plazmové a nanotechnologické povrchové úpravy	Masaryk University	South Moravian	Project Manager
5.	CERIT Scientific Cloud	Masaryk University	South Moravian	Head of Research Team
6.	Vědeckotechnický park profesora Lista	Brno University of Technology	South Moravian	Business manager (interview)
7.	RECETOX	Masaryk University	South Moravian	Director
8.	VTP UP: Podnikatelský inkubátor 2	Palacký University Olomouc	Olomouc	Director
9.	Výukové a výzkumné centrum v dopravě	Univerzita Pardubice	Pardubice	Head of Rolling Stock Section
10.	CEMNAT - Centrum materiálů a nanotechnologií	Univerzita Pardubice	Pardubice	
11.	Regionální podzemní výzkumné centrum URC Josef	Czech Technical university in Prague	Prague	
12.	Biomedicínské centrum Lékařské fakulty v Plzni	Charles University	Prague	Manager
13.	Technopark Kralupy	University of Chemistry and Technology	Prague	Director
14.	PVAC II	University of Chemistry and Technology	Prague	
15.	Univerzitní centrum energeticky efektivních budov (UCEEB)	Czech Technical university in Prague	Prague	
16.	Vědeckotechnický park ICT	Tomas Bata University in Zlín (TBU)	Zlín	Director
17.	BALUO - BASES OF APPLICATION LIFE UTILITIES OLOMOUC	Palacký University Olomouc	Olomouc	Director

18.	Centrum excelence IT4Innovations	VSB - Technical University of Ostrava	Moravian-Silesian	Research Director
19.	NTIS - Nové technologie pro informační společnost	University of West Bohemia	Plzeň	Director
20.	Středoevropský energetický institut	Masaryk University	South Moravian	Deputy Director
	ESFRI Research e-Infrastructure			
21.	CESNET	consortium of Czech universities and Czech Academy of Science	South Moravian	Head of distributed computing department (interview)
	Private-public institutions			
22.	Technology park Brno	Private-public partnership (PPP)	South Moravian	Chief of Strategy Office (interview)
23.	JIC (South Moravian Innovation Centre)	consortium	South Moravian	Director of RIS (interview)
	Government institutions			
24.	CzechInvest	Ministry of Industry and Trade	Prague	Executive Director

* the column 'position of respondent' refers only to returned questionnaires and interviews conducted

Poland - List of contacted university STPs and added respondents (managers) to the interviews

	Project name	University	Region	Position of respondent
1.	Narodowe Laboratorium Technologii Kwantowych	University of Warsaw	Masovia	
2.	Jagiellońskie Centrum Rozwoju Leków	University of Warsaw	Masovia	
3.	Krajowe Laboratorium Multidyscyplinarne Nanomateriałów Funkcjonalnych	University of Warsaw	Masovia	
4.	Centrum Badań Przedklinicznych i Technologii (CePT)	Medical University of Warsaw	Masovia	
5.	Rozwój Infrastruktury Europejskiego Centrum Bioinformatyki i Genomiki	Poznan University of Technology	Greater Poland	
6.	Budowa i wyposażenie Centrum Biommobilizacji i Innowacyjnych Materiałów Opakowaniowych	West Pomeranian University of Technology in Szczecin	West Pomeranian	Director
7.	Centrum Nanomateriałów Funkcjonalnych	Maria Curie-Skłodowska University	Lublin	
8.	Śląska BIO-FARMA. Centrum Biotechnologii, Bioinżynierii i Bioinformatyki	Silesian University of Technology	Silesian	
9.	Małopolskie Centrum Biotechnologii (MCB)	Jagiellonian University	Lesser Poland	Professor
10.	Narodowe Centrum Promieniowania	Jagiellonian University	Lesser Poland	

	Elektromagnetycznego dla celów badawczych (etap I)			
11.	Centrum nauk Biologiczno Chemicznych UW - kampus ochota (CENT III)	University of Warsaw	Masovia	International Relations and Science Promotion Specialist
12.	Centrum Zaawansowanych Materiałów i Technologii	Warsaw University of Technology	Masovia	Project manager and Coordinator of centre
13.	Centrum technologii Nawigacyjnych na potrzeby innowacyjnej gospodarki morskiej	Maritime University of Szczecin	West Pomeranian	Director
14.	Laboratorium Technologii Teleinformatycznych i Fotoniki	West Pomeranian University of Technology in Szczecin	West Pomeranian	Head of the Laboratory
15.	Centrum Doskonałości Naukowej Infrastruktury Wytwarzania Aplikacji	Gdańsk University of Technology	Pomeranian	Deputy director
16.	Górnośląskie Centrum Obliczeń Naukowych i Inżynierskich	Silesian University of Technology	Silesian	Head of the Centre
17.	Laboratorium Interdyscyplinarnych Badań Naukowych UEP – InnoUEP	Poznań University of Economics	Greater Poland	

APPENDIX 2 – Questionnaire survey

Science and technology parks survey

Dear Sir or Madam,

as part of the research at the Department of Public Administration and Regional Development of the Faculty of Economics of the University of Economics in Bratislava, we would like to ask you for cooperation in our research, which we want to contribute to the effective development of research infrastructures in V4 countries. As part of our research activities, we deal with innovative cooperation between the academic and business spheres in innovative and research infrastructures, which were created with the support of EU Funds - specifically university science parks and research centers. Since your project of the university science park / research center falls into this category, as part of qualitative research, we would like to ask you to fill in the short questionnaire that is attached to this email. Thank you very much for your cooperation.

If you have any questions, please do not hesitate to contact me:
klaudia.glittova@euba.sk

Klaudia Glittová, Department of Public Administration and Regional Development.

START SURVEY NOW

1. Insert the full name of the university science park / research center.*

Type one or a few words...

999

2. What is your current job position in relation to the university science park / research center ?*

Type one or a few words...

999

3. What were the initial impulses (or motivation) for the building of university science park / research centre ?*
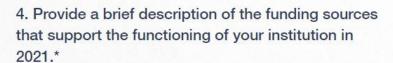
Select one or more answers

the setting of the park was planned as part of the long-term strategy of the university

the setting was planned as part of the implementation of EU Funds

the setting was planned as part of the expansion of cooperation with external partners (interest from private sector)

strengthening of institutional cooperation

Other...

4. Provide a brief description of the funding sources that support the functioning of your institution in 2021.*

Please provide an approximate allocation of the funds used to finance the general operation of the university science/technology park/research centre in reference year 2021.

Assign **100** points

financing from the university's resources

| 0 | 0 | 100 |

financing from EU Funds

| 0 | 0 | 100 |

financing from regional resources - city or region

| 0 | 0 | 100 |

project financing

| 0 | 0 | 100 |

commercial financing

| 0 | 0 | 100 |

5. According to what do you evaluate the success of the university science park / research centre ?*

Select one or more answers

number of collaborative projects with other partners (e.g. with private sector)

number of patent applications

number of publications and citations

number of student's thesis (bachelor, master, PhD)

we don't evaluate

Other...

6. Self-evaluation. How would you rate the success of this project on the scale mentioned ?*

Select one answer

very bad

bad

average

good

very good

7. In your opinion, what positive effects has generated the setting up of the university science park / research centre for the university?*

Type one or a few words...

999

8. What activities and services do you implement in university science park / research centre ?

Select one or more answers in each row according to whether you are implementing/planning to implement the activities/services or do not plan to do so.

	ongoing	planning	not ongoing or planned
own research - manily basic research			
own research - mainly applied research			
joint research with enterprises			
contract research			
lab spaces for rent			
lab facilities for rent			
events, workshops			
PhD programmes			
business support services			
IP consultancy			
establishing spin-off companies			
establishing startups			
business incubator			
collaboration with venture capital funds			
networking			
cooperation with other actors (regional governments, non-profit org)			
cooperation with international partners			

9. Evaluation of the significance of activities in University Science Parks and Research Centers (1-least important, 5-most important).

Please rate the activities and services from the previous question according to the level of importance in terms of the implementation of activities and services in your park/centre. Assign each activity/service only one level (from 1 to 5).

	1	2	3	4	5
own research - manily basic research					
own research - mainly applied research					
joint research with enterprises					
contract research					
lab spaces for rent					
lab facilities for rent					
events, workshops					
PhD programmes					
business support services					
IP consultancy					
establishing spin-off companies					
establishing startups					
business incubator					
collaboration with venture capital funds					
networking					
cooperation with other actors (regional governments, non-profit org)					

cooperation with international partners					

10. Which barriers do you perceive in the implementation of the above-mentioned activities ?

For each of these barriers, select its level of importance (whether it is important to you, moderate, or does not apply to you - not important). A significant barrier means that it greatly inhibits the development and implementation of activities and services in your park/centre.

	important	moderate	not important
insufficient research funding			
unsuitable institutional funding			
changing operating conditions of state support			
unclear evaluation of research infrastructures			
higher education law			
excessive administrative burden/bureaucratic barriers			
obsolete or missing infrastructure for specialized research			
fluctuation of qualified employees			
lack of qualified specialists			
weak links with the business sector			
absence of cooperation on international projects and grants			
poor publicity and marketing			
motivation to cooperate with other actors			
poor time management			

insufficient spatial capacity for the implementation of activities			
lack of cooperation between research institutions			

11. How do you perceive the level of state support ?*

Select one answer

very bad

bad

average

good

very good

12. have you been involved in any sustainability support programme ? If yes, please write which one.*

Type one or a few words...

500

13. In terms of further development, what do you think would be most ideal for continued operation? In your opinion, is the support policy set up appropriately ?*

Type one or a few words...

999