

Questionnaire

Summary of the main activities of a research institute of the Slovak Academy of Sciences

Period: January 1, 2012 - December 31, 2015

1. Basic information on the institute:

1.1. Legal name and address

Centre for Social and Psychological Sciences – since 1 October 2015

Institute for Forecasting of the Slovak Academy of Sciences

Sancova 56

811 05 Bratislava

Slovak Republic

Institute for Forecasting (IF) existed as a separate Institute until end of September 2015. As of 1 October 2015 it was merged with other two institutes of SAS (Institute for Social Sciences in Kosice and Institute of Experimental Psychology in Bratislava). IF became legal successor of the three institutes under the new name Centre for Social and Psychological Sciences (CSPS). Given these developments, some parts of this questionnaire are not strictly separable between the IF and the newly created CSPS. We add explanatory notes, where possible, to clarify the circumstances and relationships. In particular point 5 below provides more detailed important information. The same holds for the questionnaires by the Institute for Social Sciences and Institute of Experimental Psychology that now represent parts of the CSPS.

1.2. URL of the institute web site

<http://www.cspv.sav.sk>

<http://www.prog.sav.sk>

1.3. Executive body of the institute and its composition

Directoriat	Name	Age	Years in the position
Director	JUDr. Mgr. Martina Lubyová, PhD.	49	2012-2015
Deputy director	Ing. Edita Nemcová, PhD.	61	2012-2015
Scientific secretary	Ing. Stefan Sabo, PhD	33	2012
	Ing. Richard Heriban, PhD.	42	2013-2015

Ing. Edita Nemcová, served as a Director of IF during the term March 2008 – February 2012 and was re-appointed as Director for another 4-years term as of March 2012. She appointed JUDr. Mgr. M. Lubyová, PhD as Deputy Director. However, E. Nemcová was removed from the position of Director by the Presidium as of 12 September 2012. Deputy Director M. Lubyová thus became Acting Director ex officio and appointed E. Nemcová as

Deputy of Acting Director. M. Lubyova subsequently applied for the post of IF Director and won the competition. She was appointed as IF Director since February 2013. M. Lubyova then appointed E. Nemcová as IF Deputy Director. Following the above-described merger of three institutes of SAS, M. Lubyova became Director of the newly created Centre for Social and Psychological Sciences as of October 2015 as IF was the legal successor of the three institutes after the merger.

1.4. Head of the Scientific Board

Vladimir Balaz (followed by Viera Bačová after the merger)

1.5. Basic information on the research personnel

1.5.1. Number of employees with university degrees (PhD students included) engaged in research projects, their full time equivalent work capacity (FTE) in 2012, 2013, 2014, 2015, and average number of employees in the assessment period

	2012		2013		2014		2015		total		
	number	FTE	number	FTE	number	FTE	number	FTE	number	averaged number per year	averaged FTE
Number of employees with university degrees	22.0	16.640	25.0	14.230	27.0	16.590	28.0	17.610	102.0	25.5	16.268
Number of PhD students	4.0	3.330	3.0	3.670	3.0	3.000	3.0	2.340	13.0	3.3	3.085
Total number	26.0	19.970	28.0	17.900	30.0	18.590	31.0	19.950	115.0	28.8	19.353

1.5.2. Institute units/departments and their FTE employees with university degrees engaged in research and development

Research staff	2012		2013		2014		2015		average	
	No.	FTE	No.	FTE	No.	FTE	No.	FTE	No.	FTE
Organisation in whole	15.0	10.840	15.0	10.400	20.0	13.460	21.0	14.070	17.8	12.193
Theoretical, methodological and conceptual issues of forecasting of the evolution of social aspects of the global environmental change	8.0	4.940	8.0	4.800	7.0	4.500	7.0	5.210	7.5	4.863
Development of the institutional and technological change	2.0	1.100	2.0	1.400	3.5	2.120	4.0	2.100	2.9	1.680
	5.0	4.800	5.0	4.200	9.5	6.840	10.0	6.760	7.4	5.650

1.6. Basic information on the funding of the institute

Institutional salary budget and others salary budget

Salary budget	2012	2013	2014	2015	average
Institutional Salary budget [thousands of EUR]	194.000	187.000	183.000	600.000	291.000
Other Salary budget [thousands of EUR]	15.000	9.000	20.000	65.000	27.250

1.7. Mission Statement of the Institute as presented in the Foundation Charter

Forecasting is a systematic endeavour focused on foretelling of events to come or certain terms, on identifying the main challenges for development of the society and for development of prepared reactions needed to achieving strategic objectives. Forecasting is science and art at the same time. The forecasting methods enable us to compensate future events, to reduce uncertainty and to manage risks of the future development in the society, economics, science and technology

The Institute for Forecasting of the Slovak Academy of Sciences was established on January 1, 1989. The Institute acts both as a research body and think-tank for policy design.

The main mission of the IF is to perform research activities, and to collect, process, and disseminate scientific information.

IF is focused on interdisciplinary basic and applied research in the following areas:

1. Theoretical, methodological and conceptual problems of forecasting the developments of the Slovak society in the national and global contexts;
2. Socio-economic dimension of global environmental changes, environmental management and spatial planning;
3. Co-evolution of institutional and technological change.

IF performs forecasts/foresights in the fields of research and science development and socio-economic development.

IF performs within the above-mentioned field of activities also theoretical, methodological, coordination and educational functions.

IF develops analysis and concepts of policies in the field of economic, social, technological, and environmental developments for the purposes of state agencies, local authorities, and important national and international organizations.

IF provides consultancy and expert services for state bodies, national and international cultural institutions, and other institutions and organizations.

IF cooperates with universities in the provision of graduate education in internal and external forms that result in granting tertiary university education pertaining to the PhD degree. As external educational institution the CSPS can apply for the right to implement graduate educational programs in accordance with § 54 paragraph 12 of the Act No. 131/2002 Coll. of Law on higher educational institutions.

IF publishes results of research and scientific activities by the means of periodical and non-periodical print.

1.8. Summary of R&D activity pursued by the institute during the assessment period in both national and international contexts, (recommended 5 pages, max. 10 pages)

IF has been focusing on producing excellent basic and applied research in the fields of its expertise. The scientific outputs of the Institute (publications, citations, etc.) are summarized in tables below. In this section we provide a brief overview of the main research activities in terms of international scientific cooperation, participation in international and national research projects, basic research and methodologies, applied research, graduate studies, scientific education, and publishing of own scientific journals and other periodicals.

International scientific cooperation

In the past few years IF was able to strengthen their position in the European Research Space due to establishment of a systematic international cooperation concept and further expansion of its international cooperation. During the period 2012-2015 IF submitted as a member of international research consortium three new research project proposals for the funding by the European Commission

YMOBILITY H2020-YOUNG SOCIETY-2014

ENLIVEN-H2020-YOUNG SOCIETY-2015

ReStart H2020-YOUNG SOCIETY-2014

Among these, two projects were successful and received funding by the European Commission (DG Research):

YMOBILITY H2020-YOUNG SOCIETY-2014

In total, the list of projects that have been implemented during the evaluated period is provided in Table A.

Table A

Acronym	Proposal ID	Title	Call Identifier	Duration	Programme	Topic	Funding Scheme
YMOBILITY	649491	Youth mobility: maximising opportunities for individuals, labour markets and regions in Europe	H2020-YOUNG-SOCIETY-2014	36	H2020	YOUNG-2-2014	RIA
ReSTART	649287	POLICY RESPONSES FOR A SUSTAINABLE AND INCLUSIVE CAREER START	H2020-YOUNG-SOCIETY-2014	36	H2020	YOUNG-1-2014	RIA
EUROMIG	726985	European Migration: mapping, assessment and impacts	H2020-SC6-REV-INEQUAL-2016	42	H2020	REV-INEQUAL-04-2016	RIA
eGOeCO	301181	Experimenting with the Governance of Commons. Monetary incentives for environmental protection.	FP7-PEOPLE-2011-IOF		FP7	FP7-PEOPLE-2011-IOF	MC
ENLIVEN	693989	Encouraging Lifelong Learning for an Inclusive and Vibrant Europe	H2020-YOUNG-SOCIETY-2015	36	H2020	YOUNG-3-2015	RIA
RESPONDER	265297	linking REsearch and POLicy making for managing the contradictions of sustainNable consumption anD Economic gRowth	FP7-ENV-2010		FP7	ENV.2010.4.2.3-3	CP
EYouTube	612879	EYouTube. European Youth Unemployment:Theorizing, Understanding, Bettering, Empowering	FP7-SSH-2013-1		FP7	SSH.2013.1.2-1	CP
SCARP	266950	Social Cohesion Assessment Research Program	FP7-SSH-2010-2		FP7	SSH-2010-2.1-2	CP
INNOJUST	320243	Social inovations to promote environmental justice in Europe	FP7-SSH-2012-2		FP7	SSH.2012.2.1-1	CP
ICED	653470	Implementing Cultural factors in Emergency Disaster management	H2020-DRS-2014	36	H2020	DRS-21-2014	CSA
FRAGILE GOVERNANCE	323716	Decision Making Under the Complexity and Uncertainty	ERC-2012-ADG_20120411		FP7		ERC
ROMA QUESTION	655332	From marginalization to disciplination and criminalisation of the Roma in the Czech and Slovak Republic	H2020-MSCA-IF-2014		H2020	MSCA-IF-2014-EF	MSCA-IF-EF-CAR
EcoFINDERS	264465	Ecological Function and Biodiversity Indicators in European Soils	FP7-ENV-2010		FP7	ENV.2010.2.1.4-4	CP
The_Roma_question.	624949	The Roma Question in the Czech and Slovak Republic	FP7-PEOPLE-2013-IEF		FP7	FP7-PEOPLE-2013-IEF	MC

Table A cont'd

Acronym	Phase	Status	Total Estimated Eligible Costs	Total Requested Grant	Participant Estimated Eligible Costs	Participant Requested Grant	Number of Partners	LE Role
YMOBILITY	Grant Management	Signed	2 450 368,00	2 450 368,00	150 325,00	150 325,00	10	BENEFICIARY
ReSTART	Evaluation	Informed (Reserve List)	2 499 625,00	2 499 625,00	129 500,00	129 500,00	16	BENEFICIARY
EUROMIG	Evaluation	Informed (Rejected)	2 499 352,75	2 499 352,75	171 625,00	171 625,00	10	BENEFICIARY
eGOeCO								COORDINATOR
ENLIVEN	Grant Management	Signed	2 499 972,50	2 499 972,50	86 950,00	86 950,00	10	BENEFICIARY
RESPONDER	Grant Management	Signed					8	BENEFICIARY
EYouTube								BENEFICIARY
SCARP								BENEFICIARY
INNOJUST								BENEFICIARY
ICED	Submission	Submitted final (call closed)	1 993 903,00	1 993 903,00	182 625,00	182 625,00	11	BENEFICIARY
FRAGILE GOVERNANCE								COORDINATOR
ROMA QUESTION	Submission	Submitted						COORDINATOR
EcoFINDERS	Grant Management	Signed					22	BENEFICIARY
The_Roma_question.								COORDINATOR

Source: European Commission Cordis system as of May 2016

Participation in international and national research projects

IF has also increased its involvement in domestically funded research projects (VEGA, APVV) by increasing the number of projects, the volume of funding, and participation of its research workers.

It is important to note that during the period 2011 - 2015, IF was implementing a Centre of Excellence project supported by internal SAS research grant allocated on competitive basis in the framework of the Centre of Excellence Programme of SAS. The project "Centre of Excellence of SAS: Centre for Strategic Analyses SAS, Centre for Interdisciplinary Research and Strategies of Society (CESTA)" was focused on basic and applied research of complex decision making under uncertainty and major development strategies. CE CESTA created a platform for deepening of the research interdisciplinarity in the context of using the unique potential and integration of capacities of workplaces associated within it in the Slovak and European context. In the spirit of modern forecasting with the anticipated end-results of new strategies of the society's development the Centre's bearer and coordinator was IF (in cooperation with the Experimental Psychology Institute and Sociologic Institute of SAS. Additional partners were the Institute for Management of the Slovak University of Technology and Institute of Applied Psychology of the Comenius University in Bratislava). CE CESTA built on integration of scientific branches constituting the theoretic and methodologic base for issues of strategic decision making such as forecasting, sociology and experimental psychology to name a few. Apart from classical methods the modern forecasting employs also innovative approach which enables to analyse complex situations in conditions of a high degree of uncertainty and incomplete information (foresight, behavioural research, experimental methods using the game theory etc.). In the interdisciplinary context the strategic decision making in social sciences enabled a shift from research of individual preferences (based on presumed rational agents maximising gain) to researching and modelling of social preferences (using the strategic interactive decision making, cognitive and behavioural approach).

Basic research and methodologies

In terms of basic research and methodologies, the IF Unit of the Centre strengthened its focus on long-term development strategies, scenarios and foresight. This renewed focus was a reaction on updated perception of the forecasting whereas the focus has shifted from traditional forecasting towards the so-called strategic forecasting. The ambition is no more to 'guess what is going to happen in the future' based on intuition or assumptions, but to formulate alternative scenarios of the future and paths leading to it. The final objective of the research is creating functional and coherent strategies integrating prediction with strategic management. An essential provision to this is an interdisciplinary approach, which is the basic attribute of the Centre's research activity. IF is thus able - apart from fulfilling its tasks in the field of basic research - to flexibly react to requests of both economic practice and the decision-making sphere.

Applied research and policy advice

A new scientific initiative launched during the evaluated period by the IF is the "Forecasting Centre for Social Integration" (Slovak abbreviation ProCeSI) - an applied research initiative aimed at bringing the scientific results closer to the public and the policy makers. The aim is to anticipate the future conditions, to identify main challenges for the evolvement of the society and to supply qualified reaction needed for achieving strategic objectives. The focus on integration has been inspired by the recent social developments both at the national and international level. The goals of the research are to create space for communication and

forecasting research above all in the field of demographic and ethnic development, migration and integration. ProCeSI's ambition is to contribute in professional, governmental and public discussions and decision processes by the means of professional analyses, arguments and proposals targeted on the advancement of the Slovak society, better ethnic integration, discrimination prevention and reinforcing elements of the civic society. Outputs of ProCeSI are backed by research based on objective methods, expert knowledge and a complex, multidisciplinary and innovative processing of analysis outputs.

Connection between research and public policy is one of primary concerns in the reporting period. There were numerous activities of the Centre and its researchers in bringing expertise to public policy development and implementation.

The IF coordinated ex-ante evaluation of the Partnership Agreement 2014 – 2020, which represents a basic programming document for Slovakia in framing conditions, scope and aims of the cohesion policies in the running programming period. From 2014 the IF Unit collaborates with Office of the Government on methodology development and pilot studies on cohesion policies impacts evaluation.

The IF provided policy advice in the fields of economics, social system, science and technology and environmental issues for the needs of central, regional and local government and important national and international organizations. Most important clients included Slovak Government, the Prime Minister Office and Ministries of Economics, Finance, Environment, Labour, Social Affairs and Family, Environment and Agriculture; European Commission, World Bank, International Monetary Fund, OECD and others.

Cooperating with the Slovak Environmental Agency, IF got officially accepted in June 2011 as the National Reference Centre for area of forward looking and information studies. The European Environmental Agency with its seat in Copenhagen associates national environmental agencies from all EU members and associated countries in the EIONET network. Each one of the countries subsequently nominates a NRC for defined areas. For IF – as a part of cooperation with Slovak Environmental Agency and other NRC FLIS - this means meetings and planning of FLIS activities in the international context, commenting on national papers in the relevant area, taking part in elaborating of national studies and a possibility to participate in international tenders announced by the EEA and especially the possibility of linking science with practice and – importantly – access to Slovak Environmental Agency and EEA's databases.

The IF in the evaluated period focused on the research of the intersections between environmental and economic/social policies. Specific focus on the EU economic and social cohesion policies vis-a-vis industrial development and the environmental trends. Other applied research interests involved poverty/environmental justice, and access to resources (e.g., energy, water, safe environment) and climate change and implications for economic and social policies.

IF has also successfully accomplished VEGA Project "Affordability of energy and social situation of households: environmental aspects of distribution of risks and impacts and forecasts of trends in energy poverty", and started another VEGA Project on "Methodology and Impact Assessment of the EU Cohesion Policies on Marginalised Roma Communities: Outputs Analyses and Forecasting (2015-2018)".

Graduate studies and scientific education

During the period under evaluation the Centre provided graduate studies in Spatial Planning graduate programme.

Young research scientists are the biggest human capital and research potential of the IF. The proof is evident also in the fact that after several mature scientists left the IF, the quality of the Institute's research results did not decline in the evaluated period (as shown in the tables of published works and resonances). There is a change in the quality of the research results, but in a positive aspect: young scientists publish comparatively more in renowned international journals (with high impact factor) and make new acquaintances and cooperation with research institutes abroad.

IF has been actively involved in graduate programme in Spatial Planning with the Slovak Technical University, Institute of management, during the entire period 2012-2015.

During the evaluated period the IF staff has been actively involved in pedagogic activities at numerous Slovak universities as lecturers, opponents, and members of dissertation committees.

The IF staff also advised doctoral students on other domestic and in mutual departmental commissions on doctoral studies.

IF has been cooperating with both domestic and foreign educational and scientific institutions:

- The Economic University in Bratislava, Faculty of National Economy, Department of economic policy, department of economic theory, department of finances and banking
- Faculty of Natural Sciences of the Comenius University in Bratislava, Department of land ecology
- Faculty of Management of the Comenius University in Bratislava, department of strategic planning
- Slovak Agricultural University, Faculty of economics and management in Nitra
- Faculty of Social and Economic Sciences of the Comenius University in Bratislava
- Centre for Economic research and Graduate Education (CERGE) of the Charles University in Prague

Cooperation with the above-mentioned institutions focused on the following areas:

- Membership in commissions for state final examinations
- Dissertation opponents
- Mutual representation in Joint Programme Committees (SOK)
- Pedagogic activities, lecturing
- Assessment of applied research projects
- Schooling workplace for doctoral students
- Expertise activities

Publishing own scientific journals and periodicals

IF is publishing one currented research journals, two research journals indexed in international databases (EBSCO), and one quarterly Bulletin focused on short-term forecasting of selected economic parameters for Slovakia.

Currented journals published by the IF:

1. Journal of Economics (Ekonomicky casopis): Since 1998, the IF is co-publisher of the Journal (jointly with Economics Institute of SAS). The journal impact factor increased from 0.194 in 2012 to 0.605 in 2015. The journal is published in Slovak and English language with increasing share of the latter. The journal is indexed in Current Contents/Social and Behavioral Sciences.

Internationally indexed refereed journals published by the IF:

1. The Forecasting Papers (Prognosticke Studie) (journal) is published by IF as online journal in Slovak and English language, indexed in EBSCO database. IF also publishes Open Series editions Forecasting Studies.

National applied research periodicals published by the IF:

1. IF has been publishing since 2012 a national quarterly Bulletin of the Institute of Forecasting. The Bulletin is published in Slovak language and provides short-term and medium-term forecasts for selected indicators of labour market and social development for Slovakia and comparisons with the EU Member States.

2. Partial indicators of main activities:

2.1. Research output

2.1.1. Principal types of research output of the institute: basic research/applied research, international/regional (ratios in percentage)

Ratios in %	Basic	Applied	International	Regional
IF	80	20	50	50

IF focuses above all on the basic research which constitutes 80% of the research. Therefore the Institute's key scientific outcome are monographs published at prestigious publishers.

2.1.2 List of selected publications documenting the most important results of basic research. The total number of publications listed for the assessment period should not exceed the average number of employees with university degrees engaged in research projects. The principal research outputs (max. 5, including Digital Object Identifier - DOI) should be underlined

BALÁŽ, Vladimír - WILLIAMS, Allan M. Diffusion and competition of voice communication technologies in the Czech and Slovak Republics, 1948–2009. In *Technological Forecasting and Social Change*, 2012, vol. 79, no. 2, p. 393-404. (1.709 - IF2011). (2012 - Current Contents). ISSN 0040-1625. VEGA no. 2/0058/10.

WILLIAMS, Allan M. - BALÁŽ, Vladimír. Migration, Risk, and Uncertainty: theoretical perspectives. In *Population, Space and Place*, 2012, vol. 18, no. 2, p. 167-180. (1.815 - IF2011). (2012 - Current Contents). ISSN 1544-8444. DOI: 10.1002/psp.663

FILČÁK, Richard. Environmental Justice and the Roma Settlements of Eastern Slovakia : entitlements, land and the environmental risks. In *Sociologický časopis*, 2012, roč. 48, č. 3, s. 537-562. (0.357 - IF2011). (2012 - Current Contents). ISSN 0038-0288. (VEGA 2/0032/11.

WILLIAMS, Allan M. - BALÁŽ, Vladimír. Mobility, risk tolerance and competence to manage risks. In *Journal of Risk Research*, 2014, vol. 17, no. 8, p. 1061-1088. (1.270 - IF2013). (2014 - Current Contents, SCOPUS). ISSN 1366-9877. DOI: 10.1080/13669877.2013.841729

WILLIAMS, Allan M. - BALÁŽ, Vladimír. Tourism, risk tolerance and competences: Travel organization and tourism hazards. In *Tourism management*, 2013, vol. 35, p. 209-221. (2.571 -

IF2012). (2013 - Current Contents, SCOPUS). ISSN 0261-5177. DOI: 10.1016/j.tourman.2012.07.006

WILLIAMS, Allan M. - BALÁŽ, Vladimír. Tourism Risk and Uncertainty: Theoretical Reflections. In *Journal of Travel Research*, 2015, vol. 54, no. 3, p. 271-287. (2.442 - IF2014). (2015 - Current Contents, Scopus, CCC, WOS). ISSN 0047-2875. DOI: 10.1177/0047287514523334

BÍZIKOVÁ, Livia - NIJNIK, Maria - KLUVÁNKOVÁ-ORAVSKÁ, Tatiana. Sustaining Multifunctional Forestry Through the Developing of Social Capital and Promoting Participation: A Case of Multiethnic Mountain Communities. In *Small-scale Forestry*, 2012, vol. 11, no. 3, p. 301-319. (2012 - Current Contents, Scopus, ProQuest). ISSN 1873-7617. (ITMS 26240120002: Centrum pre rozvoj sídelnej infraštruktúry znalostnej ekonomiky (SPECTRA+). DOI: 10.1007/s11842-011-9185-8

BALÁŽ, Vladimír. Pociťovaná a skutočná finančná gramotnosť = Perceived and Actual Financial Literacy. In *Ekonomický časopis*, 2012, roč. 60, č. 7, s. 681-697. (0.274 - IF2011). (2012 - Current Contents, WOS, SCOPUS, EconLit). ISSN 0013-3035. (Centrum strategických analýz (CESTA).

BALÁŽ, Vladimír - BAČOVÁ, Viera - DROBNÁ, Eva - DUDEKOVÁ, Katarína - ADAMÍK, Kamil. Testing Prospect Theory Parameters. In *Ekonomický časopis*, 2013, roč. 61, č. 7, s. 655-671. (0.194 - IF2012). (2013 - Current Contents, WOS, SCOPUS, EconLit). ISSN 0013-3035. (Centrum strategických analýz (CESTA).

BALÁŽ, Vladimír - BAČOVÁ, Viera - ŠKRINIAR, Pavel. Experience and information search patterns in complex decision making. In *Studia Psychologica: international journal for research and theory in psychological sciences*, 2014, vol. 56, no. 1, p. 3-17. (0.414 - IF2013). (2014 - Current Contents, WOS, SCOPUS). ISSN 0039-3320.

BABOŠ, Pavol. Varieties of Capitalism, Varieties of Methods: Fitting the Empirical Data and Comparing Old and New Europe. In *Ekonomický časopis*, 2014, roč. 62, č. 2, s. 115-132. (0.343 - IF2013). (2014 - Current Contents, WOS, SCOPUS, EconLit). ISSN 0013-3035. VEGA č. 2/0010/14.

LUBYOVÁ, Martina - VOJTKOVÁ, Mária. Analýza miery atraktívnosti národných ekonomík pre zahraničných investorov v novom globalizovanom prostredí = Analysis of the Degree of the Attractiveness of National Economies for Foreign Investors in the New Globalized Environment. In *Ekonomický časopis*, 2014, roč. 62, č. 6, s. 557-578. (0.343 - IF2013). (2014 - Current Contents, WOS, SCOPUS, EconLit). ISSN 0013-3035. VEGA 2/0058/10, Centrum strategických analýz (CESTA).

GERBERY, Daniel - FILČÁK, Richard. Exploring Multi-dimensional Nature of Poverty in Slovakia: Access to Energy and Concept of Energy Poverty. In *Ekonomický časopis*, 2014, roč. 62, č. 6, s. 579-597. (0.343 - IF2013). (2014 - Current Contents, WOS, SCOPUS, EconLit). ISSN 0013-3035. VEGA 2/0032/11.

ŠKOBLA, Daniel - FILČÁK, Richard. Bariéry v prístupe k pitnej vode ako aspekt sociálneho vylúčenia rómskej populácie = Barriers to Access to Potable Water as an Aspect of Social

Exclusion of the Roma Population. In *Sociológia - Slovak Sociological Review*, 2014, roč. 46, č. 5, s. 620-637. (0.212 - IF2013). (2014 - Current Contents, WOS, SCOPUS). ISSN 0049-1225. VEGA 2/0032/11.

BALÁŽ, Vladimír - BAČOVÁ, Viera. Naive Investment Strategies in Complex Financial Choices. In *Ekonomický časopis*, 2015, roč. 63, č. 6, s. 599-616. (0.434 - IF2014). (2015 - Current Contents, WOS, SCOPUS, EconLit). ISSN 0013-3035.

FILČÁK, Richard - ŠKOBLA, Daniel. Social solidarity, human rights and Roma: unequal access to basic resources in Central and Eastern Europe. In *Reinventing Social Solidarity Across Europe*. Bristol: The Policy Press, 2012, p. 227-249. (2012 - WOS). ISBN 978-1-84742-727-4.

LUBYOVÁ, Martina. Changing demographic, educational and migration patterns in new EU member countries. In *Free Movement of Workers and Labour Market Adjustment: recent experiences from OECD countries and the European Union*. Paris: OECD, 2012, p. 235-248. (2012 - SCOPUS). ISBN 978-92-64-17717-8. DOI: 10.1787/9789264177185-13-en

KLUVÁNKOVÁ-ORAVSKÁ, Tatiana - GEŽIK, Veronika. Regional Governance Arrangements. In *Global Environmental Governance Reconsidered*. Cambridge; London: The MIT Press, 2012, p. 219-235. (2012 - WOS, SCOPUS). ISBN 978-0-262-51770-6.

SALT, John - LUBYOVÁ, Martina. Migration policy developments. In *International Migration Outlook 2012*. Paris: OECD Publishing, 2012, p. 97-121. ISBN 978-92-64-17720-8.

FILČÁK, Richard. Environmental Change and Forced Migration: drivers and trends in the Ferghana Valley of central Asia. In *Migration: practices, challenges and impact*. New York: Nova Science Publishers, 2013, s. 35-57. (2013 - SCOPUS). ISBN 978-1-62257-645-6.

NEMCOVÁ, Edita. Foresight as a tool of policy formulation: the Slovak foresight exercise. In *Participation and Interaction in Foresight: dialogue, dissemination and visions*. Cheltenham, UK; Northampton, MA: Edward Elgar Publishing Lim., 2013, s. 238-253. (2013 - WOS, SCOPUS). ISBN 978-1-78195-613-7. DOI: 10.4337/9781781956137.00020

SALT, John - LUBYOVÁ, Martina. Country notes: Recent changes in migration movements and policies. In *International Migration Outlook 2014*. Paris: OECD Publishing, 2014, pp. 233-311. ISBN 978-92-64-21118-6. DOI: 10.1787/migr_outlook-2014-en

LUBYOVÁ, Martina - BABOŠ, Pavol. The Neo-Transitional Paradox: Restrictive Capital Regulations, Authoritarian State and Limited Welfare Type of Capitalism Examined in International Context. In *Neo-Transitional Economics*. Bingley, UK: Emerald Group Publishing Limited, 2015, p. 121-147. (2015 - WOS, SCOPUS). (Centrum strategických analýz (CESTA), VEGA 2/0058/10. DOI: 10.1108/S1569-376720150000016006

LUBYOVÁ, Martina - KAPLANIS, Ioannis - OECD STAFF. Recent labour market trends and integration policies in OECD countries. In *International Migration Outlook 2015*. Paris: OECD Publishing, 2015, s. 59-103. ISBN 978-92-64-23694-3. DOI: 10.1787/migr_outlook-2015-en

LUBY, Štefan - LUBYOVÁ, Martina - ŠIFFALOVÍČ, Peter - JERGEL, Matej - MAJKOVÁ, Eva. A Brief History of Nanoscience and Foresight in Nanotechnology : Chapter 4. In Nanomaterials and Nanoarchitectures : A Complex Review of Current Hot Topics and their Applications proceedings of the NATO Advanced Study Institute on Nanomaterials and Nanoarchitectures : Proceedings of the NATO Advanced Study Institute on Nanomaterials and Nanoarchitectures. - Dordrecht : Springer, 2015, p. 63-86. ISBN 978-94-017-9937-9. VEGA 2/0162/12, 2/0010/15, Center of Excellence of SAS "CESTA", contract III/2/2011. DOI: 10.1007/978-94-017-9921-8_4

BALÁŽ, Vladimír - BAČOVÁ, Viera - DROBNÁ, Eva - DUDEKOVÁ, Katarína - ADAMÍK, Kamil. Testing Prospect Theory Parameters. In Ekonomický časopis, 2013, roč. 61, č. 7, s. 655-671. (0.194 - IF2012). (2013 - Current Contents, WOS, SCOPUS, EconLit). ISSN 0013-3035. CESTA (CE SAV CESTA - Contract No. III/2/2011). Available at: <https://www.sav.sk/journals/uploads/0621144607%2013%20Bal%C3%A1%C5%BE%20a%20kol.pdf>

BALÁŽ, Vladimír - BAČOVÁ, Viera - ŠKRINIAR, Pavel. Experience and information search patterns in complex decision making. In Studia Psychologica : international journal for research and theory in psychological sciences, 2014, vol. 56, no. 1, p. 3-17. (0.414 - IF2013). (2014 - Current Contents, WOS, SCOPUS). ISSN 0039-3320. Available at: <http://www.psychologia.sav.sk/sp/index.php?id=abstract&numid=647>

2.1.3 List of monographs/books published abroad

FILČÁK, Richard. *Living Beyond the Pale : environmental justice and roma minority*. Budapest : New York : Central European University Press, 2012. 237 p. ISBN 978-615-5225-13-0.

WILLIAMS, Allan M. - BALÁŽ, Vladimír. *Migration, Risk and Uncertainty*. New York : Routledge, 2015. 238 p. Centre of Excellence of the Slovak Academy of Sciences (CESTA) grant no. III/2/2011. ISBN 978-0-415-65952-9.

2.1.4. List of monographs/books published in Slovakia

BALÁŽ, Vladimír. *Komplexné voľby* [Complex Choices]. Bratislava : VEDA, vydavateľstvo Slovenskej akadémie vied, 2014. 318 s. Centrum Excelencie Slovenskej akadémie vied CESTA (Centrum strategických analýz), grant APVV-0361-12. ISBN 978-80-224-1378-7.

BALOG, Miroslav - BALÁŽ, Vladimír - BRIGHTON, Denisa - BRZICA, Daneš - HLINKA, Martin - JECK, Tomáš - GAVOROVÁ, Svetlana - LÁBAJ, Martin - [A ĎALŠÍ ...]. *Inovatívne Slovensko - východiská a výzvy* = The innovative Slovakia: Recourses and challenges. Bratislava : Slovenská inovačná a energetická agentúra, 2013. 157 s. Publikácia je dostupná aj na internete:<http://www.siea.sk/materials/files/inovacie/publikacie/Inovativne_Slovensko_SIEA_publicacia_web-final.pdf>. ISBN 978-80-88823-55-1.

FILČÁK, Richard. *Spoločnosť trhu a environmentálna politika : aktéri a konflikty* [Society of the market and environmental policy: Actors and conflicts]. Bratislava : Veda, vydavateľstvo SAV,

2012. 302 s. Gover-Nat-2006-035536, RESPONDER-2011-265297, VEGA 2/0032/11, SPECTRA+ (ITMS 26240120002). ISBN 978-80-224-1216-2.

KÁRÁSZ, Pavol - BURDA, Štefan - FIFEKOVÁ, Elena - HAJNOVIČOVÁ, Viera - PRACHÁR, Ivan - ŠPROCHA, Branislav. *Dlhodobé faktory ovplyvňujúce konvergenciu ekonomiky Slovenska k úrovni vyspelých krajín Európskej únie* [Long term factors influencing convergence of Slovakia to the level of developed EU countries]. Bratislava : Prognostický ústav SAV : Ekonóm, 2012. 184 s. VEGA č. 2/0213/09. ISBN 978-80-225-3511-3.

NEMCOVÁ, Edita - BALÁŽ, Vladimír - NEŽINSKÝ, Eduard - SABO, Štefan - SILANIČ, Peter - PORUBČINOVÁ, Martina. *Štrukturálna adaptácia malej otvorenej ekonomiky* [Structural adaptation of a small and open economy]. Bratislava : Prognostický ústav SAV vo vydavateľstve Ekonóm, 2013. 165 s. VEGA č. 2/0058/10. ISBN 978-80-225-3776-6.

SLUŠNÁ, Ľubica - BALOG, Miroslav - BALÁŽ, Vladimír - LÁBAJ, Martin - LÍŠKOVÁ, Barbara - ŠVAČ, Vladimír - VRÁBEL', Róbert. *Automobilový priemysel na Slovensku a globálne hodnotové reťazce* = The automobile industry in Slovakia and global value chains. Recenzenti: Tomáš Jeck, Milan Kováč. 1. vyd. Bratislava : Slovenská inovačná a energetická agentúra, 2015. 93 s. Dostupné na internete: <https://www.siea.sk/materials/files/inovacie/publikacie/studia_Automobilovy_priemysel_na_Slovensku_a_globalne_hodnotove_retaazce_SIEA_web.pdf>. ISBN 978-80-88823-59-9.

ŠIKULOVÁ, Ivana - FRANK, Karol - DUJAVA, Daniel - GABRIELOVÁ, Herta - HABRMAN, Michal - HUDCOVSKÝ, Martin - HVOZDÍKOVÁ, Veronika - JECK, Tomáš - LÁBAJ, Martin - MORVAY, Karol - NEŽINSKÝ, Eduard - VOKOUN, Jaroslav. *Slovenská ekonomika: desať rokov členstva v Európskej únii : vybrané témy a problémy* = Slovak economy: ten years in the European Union : selected topics and issues. Bratislava : Ekonomický ústav SAV vo vydavateľstve VEDA, 2014. 242 s. Monografia je súčasťou riešenia projektu VEGA č. 2/0103/12. Dostupné na internete: <http://www.ekonom.sav.sk/uploads/journals/257_monografia_sikulova_a_kol.pdf>. ISBN 978-80-7144-228-8.

ŠPROCHA, Branislav - VAŇO, Boris - BLEHA, Branislav. *Prognóza vývoja rodín a domácností na Slovensku do roku 2030* [Projection of families and households in Slovakia until 2030]. Bratislava : Vydavateľstvo EKONÓM, 2014. 130 s. Centrum excelentnosti SAV CESTA, APVV-0018-12, VEGA č. 1/0026/14. ISBN 978-80-2253961-6.

ŠPROCHA, Branislav - VAŇO, Boris - BLEHA, Branislav. *Prognóza vývoja obyvateľstva v okresoch Slovenskej republiky do roku 2035* [Projection of population development in Slovak regions to 2035]. Bratislava : Prognostický ústav SAV vo vydavateľstve FABER, 2013. 97 s. Centrum excelentnosti SAV CESTA-Zmluva č. III/2/2011. ISBN 978-80-89019-25-0.

ŠPROCHA, Branislav. *Reprodukcia rómskeho obyvateľstva na Slovensku a prognóza jeho populačného vývoja* [Reproduction of Roma population in Slovakia and projection of their population development]. Bratislava : Prognostický ústav SAV vo vydavateľstve OFPRINT JH, 2014. 177 s. Centrum excelentnosti SAV, Centrum strategických analýz (CESTA), zmluva č. III/2/2011 a projektom VEGA č. 1/0026/14 "Transformácia plodnosti žien Slovenska v 20. a na začiatku 21. storočia a jej prognóza do roku 2050". ISBN 978-80-89037-38-4.

ŠPROCHA, Branislav. *Transformácia ľudských zdrojov na Slovensku a projekcia ich očakávaného vývoja* [Transformation of human resources in Slovakia and projection of their expected development]. Bratislava : Prognostický ústav SAV vo vydavateľstve Ekonóm, 2013. 155 s. VEGA č. 2/0160/13. ISBN 978-80-225-3775-9.

ŠTEFÁNIK, Miroslav - LUBYOVÁ, Martina - DOVÁĽOVÁ, Gabriela - KARASOVÁ, Katarína. *Analýza účinkov nástrojov aktívnej politiky trhu práce : výstup v rámci aktivity A3-T5: Problematika trhu práce podľa regionálnych a odvetvových rozdielov* = Impact evaluation of interventions of active labour market policy. Bratislava : Centrum vzdelávania Ministerstva práce, sociálnych vecí a rodiny SR, 2014. 222 s. Tento projekt sa realizuje vďaka podpore z Európskeho sociálneho fondu v rámci Operačného programu Zamestnanosť a sociálna inklúzia. Dostupné na internete: <http://www.odborarsky-ombudsman.sk/doc/analyzy/analyza_ucinkov_nastrojov_aktivnej_politiky_trhu_prace.pdf>.

- 2.1.5. **List of other scientific outputs specifically important for the institute, max. 10 items**
- 2.1.6. **List of patents, patent applications, and other intellectual property rights registered abroad, incl. revenues**
- 2.1.7. **List of patents, patent applications, and other intellectual property rights registered in Slovakia, incl. revenues**

- 2.1.8. **Table of research outputs (as in annual reports).**
Papers from international collaborations in large-scale scientific projects (Dwarf team, ALICE Collaboration, ATLAS collaboration, CD Collaboration, H1 Collaboration, HADES Collaboration, and STAR Collaboration) have to be listed separately.

Scientific publications	2012			2013			2014			2015			total			
	number	No. / FTE	No. / salary budget	number	No. / FTE	No. / salary budget	number	No. / FTE	No. / salary budget	number	No. / FTE	No. / salary budget	number	averaged number per year	av. No. / FTE	av. No. / salary budget
Scientific monographs and monographic studies in journals and proceedings published abroad (AAA, ABA)	1.0	0.050	0.005	0.0	0.000	0.000	0.0	0.000	0.000	1.0	0.050	0.002	2.0	0.5	0.026	0.002
Scientific monographs and monographic studies in journals and proceedings published in Slovakia (AAB, ABB)	2.0	0.100	0.010	4.0	0.223	0.021	4.0	0.215	0.022	1.0	0.050	0.002	11.0	2.8	0.142	0.009
Chapters in scientific monographs published abroad (ABC)	4.0	0.200	0.021	2.0	0.112	0.011	1.0	0.054	0.005	2.0	0.100	0.003	9.0	2.3	0.116	0.008
Chapters in scientific monographs published in Slovakia (ABD)	0.0	0.000	0.000	2.0	0.112	0.011	0.0	0.000	0.000	5.0	0.251	0.008	7.0	1.8	0.090	0.006
Scientific papers published in journals registered in Current Contents Connect (ADCA, ADCB, ADDA, ADDB)	5.0	0.250	0.026	2.0	0.112	0.011	6.0	0.323	0.033	2.0	0.100	0.003	15.0	3.8	0.194	0.013
Scientific papers published in journals registered in Web of Science Core Collection and SCOPUS (ADMA, ADMB, ADNA, ADNB)	0.0	0.000	0.000	2.0	0.112	0.011	1.0	0.054	0.005	5.0	0.251	0.008	8.0	2.0	0.103	0.007
Scientific papers published in other foreign journals (not listed above) (ADEA, ADEB)	1.0	0.050	0.005	0.0	0.000	0.000	2.0	0.108	0.011	1.0	0.050	0.002	4.0	1.0	0.052	0.003
Scientific papers published in other domestic journals (not listed above) (ADFA, ADFB)	9.0	0.451	0.046	17.0	0.950	0.091	17.0	0.914	0.093	16.0	0.802	0.027	59.0	14.8	0.762	0.051
Scientific papers published in foreign peer-reviewed proceedings (AEC, AECA)	2.0	0.100	0.010	7.0	0.391	0.037	8.0	0.430	0.044	0.0	0.000	0.000	17.0	4.3	0.220	0.015
Scientific papers published in domestic peer-reviewed proceedings (AED, AEDA)	4.0	0.200	0.021	3.0	0.168	0.016	5.0	0.269	0.027	3.0	0.150	0.005	15.0	3.8	0.194	0.013
Published papers (full text) from foreign and international scientific conferences (AFA, AFC, AFBA, AFDA)	0.0	0.000	0.000	0.0	0.000	0.000	0.0	0.000	0.000	7.0	0.351	0.012	7.0	1.8	0.090	0.006
Published papers (full text) from domestic scientific conferences (AFB, AFD, AFBB, AFDB)	0.0	0.000	0.000	0.0	0.000	0.000	0.0	0.000	0.000	8.0	0.401	0.013	8.0	2.0	0.103	0.007

- **Supplementary information and/or comments on the scientific outputs of the institute.**

2.2. Responses to the research outputs (citations, etc.)

2.2.1. Table with citations per annum.

Citations of papers from international collaborations in large-scale scientific projects (Dwarf team, ALICE Collaboration, ATLAS collaboration, CD Collaboration, H1 Collaboration, HADES Collaboration, and STAR Collaboration) have to be listed separately.

Citations, reviews	2011		2012		2013		2014		total		
	number	No. / FTE	number	No. / FTE	number	No. / FTE	number	No. / FTE	number	averaged number per year	av. No. / FTE
Citations in Web of Science Core Collection (1.1, 2.1)	67.0	3.355	72.0	4.022	95.0	5.110	114.0	5.714	348.0	87.0	4.496
Citations in SCOPUS (1.2, 2.2) if not listed above	9.0	0.451	17.0	0.950	18.0	0.968	26.0	1.303	70.0	17.5	0.904
Citations in other citation indexes and databases (not listed above) (3.2,4.2,9,10)	0.0	0.000	0.0	0.000	0.0	0.000	0.0	0.000	0.0	0.0	0.000
Other citations (not listed above) (3, 4, 3.1, 4.1)	85.0	4.256	91.0	5.084	59.0	3.174	74.0	3.709	309.0	77.3	3.992
Reviews (5,6)	2.0	0.100	0.0	0.000	0.0	0.000	1.0	0.050	3.0	0.8	0.039

2.2.3. List of 10 most-cited publications, with number of citations, in the assessment period (2011 – 2014).

Publications	Total cited	Only citations WOS+Scopus
1. PAAVOLA, Jouni - GOULDSON, Andrew - <u>KLUVÁNKOVÁ-ORAVSKÁ, Tatiana</u> . Interplay of Actors, Scales, Frameworks and Regimes in the Governance of Biodiversity. In <i>Environmental Policy and Governance</i> , 2009, vol. 19, no. 3, pp. 148-158. (2009 - Scopus). ISSN 1756-932X.	40	37
2. <u>KLUVÁNKOVÁ-ORAVSKÁ, Tatiana</u> - <u>GEŽIK, Veronika</u> - <u>BANASZAK, Ilona</u> - SLAVIKOVÁ, Lenka - TRIFUNOVOVA, Sonja. From Government to Governance for Biodiversity: the perspective of central and eastern european transition countries. In <i>Environmental Policy and Governance</i> , 2009, vol. 19, no. 3, pp. 186-196. (2009 - Scopus). ISSN 1756-932X.	31	29
3. MCEVOY, Darryn - MATCZAK, Piotr - <u>BANASZAK, Ilona</u> - CHORYNSKI, Adam. Framing adaptation to climate-related extreme events. In <i>Mitigation and Adaptation Strategies for Global Change: an international journal devoted to scientific, engineering, socio-economic and policy responses to environmental change</i> , 2010, vol. 15, no. 7, pp. 779-795. ISSN 1381-2386.	29	22
4. ŠIKULA, Milan - STANĚK, Peter - KREJČÍ, Oskar - BERČÍK, Peter - BÁRÁNY, Eduard - NIKODÝM, Dušan - PEKNÍK, Miroslav - BAXA, Josef - BENŽA, Mojmír - BLAHA, Ľuboš - GAJDOŠÍKOVÁ, Ľudmila - HRONSKÝ, Marián - JAŠŠOVÁ, Eva - KMEŤ, Norbert - LAPŠANSKÝ, Lukáš - MAGUROVÁ, Zuzana - MARUŠIAK, Juraj - POLÁČKOVÁ, Zuzana - ŠMIHULA, Daniel - VOZÁR, Jozef - OKÁLI, Ivan - DOMONKOS, Tomáš - FRANK, Karol - GABRIELOVÁ, Herta - IŠA, Jan - LÁBAJ, Martin - MORVAY, Karol - PÁLENÍK, Viliam - PÁNIKOVÁ, Lucia - <u>RENČKO, Juraj</u> - ŠIKULOVÁ, Ivana - VOKOUN, Jaroslav - KLAS, Antonín - <u>BALÁŽ, Vladimír</u> - MAJKOVÁ, Eva - JURÍČKOVÁ, Vilma - KOŠTA, Ján - TIRPÁK, Ivan - URBÁNEK, Ján - BUČEK, Milan ... [et al.]. <i>Stratégia rozvoja slovenskej spoločnosti</i> . Bratislava: Ekonomický ústav SAV vo vydavateľstve VEDA, 2010. 695 s. ISBN 978-80-7144-179-3.	27	4
5. WILLIAMS, Allan M. - <u>BALÁŽ, Vladimír</u> - WALLACE, Claire. International Labour Mobility and Uneven Regional Development in Europe: human capital, knowledge and entrepreneurship. In <i>European Urban and Regional Studies</i> , 2004, vol. 11, no. 1, pp. 27-46. ISSN 0969-7764.	25	18
6. ŠIKULA, Milan - BUNČÁK, Ján - PEKNÍK, Miroslav - OKÁLI, Ivan - KLAS, Antonín - <u>SPÁČILOVÁ, Ružena</u> - BUČEK, Milan - STANĚK, Peter - BRZICA, Daneš - GABRIELOVÁ, Herta - IŠA, Jan - LÁBAJ,	24	1

Martin - MORVAY, Karol - WORKIE TIRUNEH, Menbere. <i>Dlhodobá vízia rozvoja slovenskej spoločnosti</i> . 1. vyd. Bratislava: Ekonomický ústav SAV: Veda, 2008. 274 s. V roku 2009 vyšlo 2. nezmenené vydanie ŠIKULA, Milan (gestor projektu) <i>Dlhodobá vízia rozvoja slovenskej spoločnosti</i> . Bratislava: Ekonomický ústav SAV, 2009. 274 s. ISBN 978-80-7144-171-7 (2. nezmen. vyd.). ISBN 978-80-7144-168-7.		
7. WILLIAMS, Allan M. - <u>BALÁŽ, Vladimír</u> . <i>International Migration and Knowledge</i> . Milton Park, Abingdon, Oxon New York: Routledge, 2008. 226 p. ISBN 10: 0-415-43492-0, 13: 978-0-415-43492-8.	23	19
8. WILLIAMS, Allan M. - <u>BALÁŽ, Vladimír</u> . What human capital which migrants?: returned skilled migration to Slovakia from the UK. In <i>International Migration Review</i> , 2005, vol. 39, no. 2, pp. 439-468 (0.938-IF2004. ISSN 0197-9183).	23	11
9. <u>BALÁŽ, Vladimír</u> . <i>Riziko a neistota: úvod do behaviorálnej ekonómie a financií</i> = Risk and uncertainty: Introduction to behavioral economics and finance. Bratislava: VEDA, vydavateľstvo Slovenskej akadémie vied, 2009. 451 s. ISBN 978-80-224-1082-3.	21	5
10. <u>BALÁŽ, Vladimír</u> - WILLIAMS, Allan M. - KOLLÁR, Daniel. Temporary versus Permanent Youth Brain Drain: economic implications. In <i>International Migration</i> , 2004, vol. 42, no. 4, pp. 3-34. (0.384 - IF2003). (2004 - Current Contents). ISSN 0020-7985.	18	12

2.2.4. List of most-cited authors from the Institute (at most 10 % of the research employees with university degree engaged in research projects) and their number of citations in the assessment period (2011– 2014).

Ranking according to total cited			Ranking according to WOS+Scopus citations		
Autors	Total cited	Only citations: WOS+Scopus	Autors	Total cited	Only citations: WOS+Scopus
Vladimír Baláž	355	222	Vladimír Baláž	355	222
Kluvanková-Oravská	135	114	Kluvanková-Oravská	135	114
Veronika Chobotová	53	47	Veronika Chobotová	53	47
			Martina Lubyová	27	8
			Edita Nemcová	32	7

- **Supplementary information and/or comments on responses to the scientific output of the institute.**

2.3. Research status of the institute in international and national contexts

- **International/European position of the institute**

- 2.3.1. List of the most important research activities demonstrating the international relevance of the research performed by the institute, incl. major projects (details of projects should be supplied under Indicator 2.4). Max. 10 items.**

International relevance of basic research performed by the Centre was shown in individual collaborative efforts of employees resulting in publications in international Current Content and indexed journals and other international publication outputs, as documented under points 2.1 above. In this section we briefly describe the main type of other research activities that are related to various international research contexts:

1. IF participated as member of international research consortium in the preparation of 5 European research projects that won the competition and received EU funding. CSPS thus has been implementing during the evaluated period three FP7 research projects (Responder, Ecofinder, LLight in Europe) and two H2020 research projects (Ymobility, and CEMEA), while another H2020 project was granted (Enliven), the implementation of which will start in 2016. CSPS has submitted also other international research projects that have not received funding: 2 FP7 and 2 H2020 projects.
2. In terms of international collaboration, IF has been officially approved by the Slovak Environmental Agency as the National Reference Centre (NRC) for the area of forward looking and information scenarios (FLIS). As a NRC IF became a member in the international NRC network, coordinated by the European Environmental Agency (EEA) in Copenhagen Denmark. (Contract No. 3534/B2012/EEA.55045: Develop Forward-Looking information and Services (FLIS) at national and regional level).
3. IF collaborates with the European Environmental Agency (EEA) in Copenhagen in adaptation of the EEA Global Megatrends for the national level. In this effort IF represents Slovakia, which thus became one of three pilot countries (together with Belgium and Switzerland) that undertake the effort in cooperation with EEA. IF staff (IF Environmental Department) participates in the Swiss-led pilot effort aimed at developing a suitable methodology. IF initiated and coordinates a network of more than 10 Slovak institutions (SAS institutes, Universities, Slovak Environmental Agency, Ministry of Environment, Slovak Statistical Office, Slovak Energy and Innovation Agency) that participate in the development of Global Megatrends in the framework of the pilot project.
4. In 2013 IF Director participated as a representative of SAS in the EC granting scheme ERANet RUS Plus organised within the 7FP and H2020 programmes by DG Research and Innovation. The activities were aimed at defining the topics of interest for collaboration between the EU and Russia. CSPS subsequently organised a project proposal under the Era Net Rus Plus Scheme, where the CSPS acted as the coordinator of the research consortium (together with Russia, Austria and Germany). The project under acronym MIDAS was not approved due to administrative issues at the Russian side (the national agencies did not uphold their funding commitments due to the new political situation).
5. IF researchers regularly participate as evaluators in the EU-funded research project calls under FP7 and H2020 (M. Lubyova in 2013 SSH call on migration, 2015 SSH call on South Africa), V. Balaz regularly participates in reporting of the system of

research, development and innovations for EC (projects Erawatch and RIO), E. Nemcova participates in the Government Foresight Organisations Network with participants from 58 countries focused on technology foresight and horizon scanning. In 2014 and 2015 IF participated in the Mentored opened online course (MOOC) by the University of Leuphana (Germany) focused on the issues of Lifelong learning, technology and innovation. IF researchers acted as resource persons and facilitators of the MOOC.

6. Since 2012 IF established systematic relationships with Japanese research institutions, started in 2012 by international mobility of M. Lubyova (who obtained the Intellectual Exchange Fellowship from the Japan Foundation of the Ministry of Foreign Affairs of Japan). This cooperation was followed by invitation for M. Lubyova and P. Babos to participate in the KIER research project by the University of Kyoto, P. Babos participated at the project international conference organised by the University of Kyoto in 2014, the presented paper by M. Lubyova and p. Babos was presented and later published in the Journal of Comparative Economics. (The cooperation continued by participation of M. Lubyova at the international conference in Kyoto and a six-months research stay funded by the Japanese side of P. Babos at Hokkaido University in 2016).
7. M. Lubyova regularly represents the Centre as the Slovak representative at international academic event (network) OECD Annual Reunion of the Expert Group on Migration (together with L. Gajdosova), for which they prepare Annual Migration Report for Slovak Republic.

2.3.2. List of international conferences (co)organised by the institute.

Towards Sustainable Mobility in European Cities - Insights and Issues for Policy Makers and Researchers (Bratislava), 21.-22. March 2013

LLLight'in'Europe Workshop, "Preliminary findings and cross-field methodology insights" (IF), Bratislava, 2015, participants from NL, UK, DK, DE

The green economy: matching long-term ambitions with short-term actions (MKC Veda) Seminar and Public lecture by the Executive Director of the European Environmental Agency, 23. October 2014

Final international conference of the Project (Austerity, Stimulus or Post-growth for Europe? Revisiting Sicco Mansholt (Bruxelles)

2.3.3. List of edited proceedings from international scientific conferences.

2.3.4. List of journals edited/published by the institute:

IF publishes 3 journals, of which:

1 is Current Content journal,
1 is peer reviewed indexed in international database,
1 is national quarterly Bulletin oriented on applied research results.

2.3.4.1. WOS (IF of journals in each year of the assessment period)

Ekonomický časopis=Journal of Economics ISSN 0013-3035

Publisher: Center of social and psychological sciences SAS, Institute of Economic Research SAS

Language: English

IF: 0.194 (2012)
0.343 (2013)
0.434 (2014)
0.606 (2015)

Indexed in: WOS, CC, Scopus, EconLit

www: www.ekonom.sav.sk/sk/casopis

Journal of Economics brings out articles, discussions and analytical studies from the fields of economic theory, economic policy, socio-economic forecasting, monetary theory and policy, corporate management, banking, mathematical modelling, cross-sectoral and industrial economies, as well as of regional and social development. It deals with the issues of the world economy, the process of globalization, and the European integration. It also publishes articles from the disciplines of history of economic thought, national economy, review of theoretical studies and reports from the scientific life, and presents profiles of influential Slovak and foreign economists.

2.3.4.2. SCOPUS

[1] Ekonomický časopis=Journal of Economics ISSN 0013-3035 See above

2.3.4.3. other databases

Prognostické práce=Forecasting Papers (online version). ISSN 1338-3590

Publisher: The Institute for Forecasting, CSPS

Language: English, Slovak

Indexed in database EBSCO

Website: <http://www.prog.sav.sk/index.php?id=archive>

Forecasting Papers provides an original contribution to academic and policy debate related to following issues:

- a) theoretical, methodological and conceptual issues of the Slovak society in national and World-wide context;
- b) socio-economic dimension of the global environmental change, environmental management and spatial planning;
- c) co-evolution of institutional and technology change.

2.3.4.4. Not included in databases

Bulletin Prognostického ústavu SAV=IF Bulletin (online version). ISSN 1339-0120

Publisher: The Institute for Forecasting, CSPS

<http://www.prog.sav.sk/index.php?id=19&L=1>

Aims and scope: The Bulletin provides basic survey on long and short-term development of basic Slovak labour market indicators, facts of interest as well as short-term development forecasts based on time series of monthly and quarterly data.

Following the activities on the utilisation of the time series analysis aimed at forecasting the basic indicators of the labour market in the Slovak Republic, presented at a seminar CE CESTA at Institute for Forecasting, SAS in April 2012, the authors, prof. E. Rublíková, L. Gajdosova and M. Lubyová approached to the publishing of the regular bulletin PÚ SAV "The labour market: trends and forecasting." Bulletin provides basic overviews on long-term and the short-term objectives and development of basic indicators of the labour market in Slovakia, on the interesting facts, as well as short-term prognoses based on time series based on the monthly and quarterly data. The first issue of the Bulletin (June 2012) contained the forecasts of monthly time series of developments till the end of 2012. The best reliability has been achieved in the first quarter of the forecast. Monthly time series forecasts are updated quarterly and published in the next issues of the Bulletin on the website of the Institute for Forecasting, SAS within the project: Solving the societal challenges within the area of labor market policy based on scientific information, project number: VEGA-14-032

- **National position of the institute**

2.3.5. List of selected projects of national importance

The Institute's national position is highlighted not only by its research activities but also by its expertise activities for the Slovak government and Slovak ministries. The Institute's research workers participate in various expert groups, work as consultants for the Slovak government and agencies, and are strongly represented in the public discussion in the media.

The institute was a beneficiary of the APVV project 'Solving of Social Challenges in Area of Labour-market Policy Creation Based on Scientific Information'. The project's objective is to provide scientific info useable for labour market creation policies. Specifically the project focuses on 3 areas of labour market which are mutually interlinked which is to be heeded when creating policies. These are social support areas where the authors plan to seek an optimum scenario of setting the minimum income guarantee system by using micro-simulation approach, active labour market policies where the authors plan to apply the most up-to-date approaches to impact evaluation of particular measures by the way of

contrafactual evaluation and the area of forecasting of the Slovak labour market development and structure where the already existing structure model will be elaborated further, the output of which will be published in periodic monitoring reports.

The following sections provide examples of national research projects granted by the Slovak agencies VEGA (Scientific Grant Agency of the Slovak Academy of Sciences and the Ministry of Education) and APVV (Slovak Research and Development Agency):

2.3.6. Projects of the Slovak Research and Development Agency (APVV)

Solving Social Challenges through Labour Market Policy Based on Scientific Information (APVV 14-0324), Duration of the project: 2015-2018). The project's objective is to provide scientific info useable for labour market creation policies. Specifically the project focuses on 3 areas of labour market which are mutually interlinked which is to be heeded when creating policies. These are social support areas where the authors plan to seek an optimum scenario of setting the minimum income guarantee system by using micro-simulation approach, active labour market policies where the authors plan to apply the most up-to-date approaches to impact evaluation of particular measures by the way of contrafactual evaluation and the area of forecasting of the Slovak labour market development and structure where the already existing structure model will be elaborated further, the output of which will be published in periodic monitoring reports.

2.3.7. Projects of the Scientific Grant Agency of the Slovak Academy of Sciences and the Ministry of Education (VEGA)

Financial stability and sustainability of Slovakia's economic growth in conditions of global economy; Project Number: VEGA 2/0160/13; Duration: 2013-2016.

Research of factors affecting public finance stability and the sustainable growth of economy in Slovakia in the conditions of the global economy.

Institutional and technology change in context of the European challenges; Project Number: VEGA 2/0010/14; Duration: 2014-2017.

The project focusses on co-evolution of the institutional and technology change. It examines impact of the change on economic development within the Europe. Technology and institutional change is identified and analysed within a broader macro-economic framework. The analysis focusses on impact of the change on the long-term economic growth, industry structure of the national economy (manufacturing industries in particular), innovation, energy industry, labour market and regional development. The project also examines interconnections between particular aspects of the sustainable development of the Slovak economy within the broader European socio-economic challenges. The project analyses both traditional indicators of the economic growth and alternative measures of

the socio-economic development in Europe. The latter category of indicators refers to non-pecuniary measures of quality of life.

Methodology and Impact Assessment of the EU Cohesion Policies on Marginalised Roma Communities: Outputs Analyses and Forecasting; Project Number: VEGA 2/0089/15; Duration: 2015-2018.

Transformation of Slovak women's fertility in the 20th and at the beginning of 21. Centuries and its forecast up to 2050; Project Number: VEGA 1/0026/14; Duration: 2014-2016.

The project focuses on analysis of development and the change of character of the Slovak women's fertility in the past 110 years and its expected development up to 2050.

Noh Theatre – models and visions; Project Number: VEGA 2/0047/13; Duration: 2013-2015.

Project aims to develop the study of oriental theatre, namely Japanese Noh. Its aim is to apply the abstracted model of this sophisticated theatre form to concrete plays as its variants and to provide a key to their scenic interpretation. The aim is to write a monograph. Besides its scientific value, the output should serve in the education concerning non-European theatre: the influence of Noh on the contemporary theatre persists for more than a century - however, in Slovakia (after the retirement of Czech japanologist Dana Kalvodova, now late) we tolerate a provisory.

Long-term determinants affecting convergence of the Slovak economy towards developed EU member states level; Project Number: VEGA 2/0213/09; Duration: 2009-2012.

Research of factors effecting the quality and convergence of the Slovak economy to the level of developed EU countries.

Access to energy and social situation of households: Social–environmental aspects of the risks and impacts distribution and foresight of trends in energy poverty; Project Number: VEGA 2/0032/11; Duration: 2011-2014.

One of the problems for people in the risk-of-poverty category is the percent of the total household expenditures spent on electric energy and fuels, and the ability/inability to pay for these services. Energy costs have been steadily increasing in absolute values. At the same time the percent of expenditure on energy costs from the total household budget has also increased especially among the low-income households. These households are often located in old houses and the persons involved do not possess enough resources to invest in energy efficiency. Therefore paradoxically they sometimes pay more for energy than the better-off households. The outcome of these trends is a phenomenon called fuel or energy poverty and its social and environmental impacts. Problem of energy poverty is not yet subject of systematic research. It is however area, where research and public policy gradually concentrates in the European context. In the project we critically examine different methodologies how to measure energy.

Structural adjustment of a small open economy; Project Number: VEGA 2/0058/10; Duration: 2010-2013.

The project aims at analysis of long-term factors and determinants (economic, social and ecological ones) of structural adaptation processes. Main project targets include: Analysis and forecast of major changes in Slovak economy impacting structure of industries and their knowledge intensity, and impacts of these changes on competitiveness and economic growth within framework of knowledge-based economy and global climate change. The project concentrates on (a) identification of main areas and factors of the pro-growth strategies in small open economies, (b) comparison of Slovakia and selected new Member Countries of the EU and (c) analysis of development trajectories by particular varieties of modern capitalism.

2.3.8. Projects of SAS Centres of Excellence

The Centre of Strategic Analyses SAS., the Centre for Interdisciplinary Research and Strategies of Society, acronym CESTA, 2011 – 2015. **The CE Co-ordinator was Institute for Forecasting.** The CE's institutionalisation enabled the creation of an interdisciplinary platform employing an unique potential and outputs of the Institute for Forecasting of SAS, the Institute of Experimental Psychology of SAS, and Sociological Institute of SAS, integrating the capacities of the most prestigious workplaces in Slovakia. Thematically CESTA was focused on the 7FP's (Cooperation) priorities.

2.3.9. National projects supported by EU Structural Funds

2.3.10. List of journals (published only in the Slovak language) edited/published by the institute:

2.3.10.1. WOS (IF of journals in each year of the assessment period)

2.3.10.2. SCOPUS

2.3.10.3. Other databases

2.3.10.4. Not included in databases

IF Bulletin (online version). ISSN 1339-0120

<http://www.prog.sav.sk/index.php?id=19&L=1>

See above

- **Position of individual researchers in an international context**

2.3.11. List of invited/keynote presentations at international conferences, as documented by programme or invitation letter

LUBYOVA, Martina. Plenary Session, Invited Discussant to Comment on the China Human Capital Report, The 6th International Symposium on Human Capital and Labor Market, China Center for Human Capital and Labor Market Research (CHLR) Central University of Finance and Economics (CUFE), 39 Xueyuan South Road, Haidian District, Beijing, China, 100081, October30-31, 2014, Beijing, China

LUBYOVA, Martina. "Are there any programmes/initiatives in place that allow Eastern Europe as a region of origin (and the respective societies) to benefit from labour migration to OECD and non-OECD countries?" at International Expert Workshop „Towards a Fair

Deal on Talent – New Approaches and Strategies in Labour Migration Management” , jointly organized by the Bertelsmann Stiftung and OECD on 21 March 2014, Berlin, Germany

LUBYOVA, Martina. National Migration Report for the Slovak Republic in 2015. Annual Meeting of the OECD EXPERT GROUP ON MIGRATION. Venue: OECD Conference Centre, Room CC15, 2 rue André-Pascal, 75016 Paris. From 12 October to 14 October 2015, OECD, Paris

LUBYOVA, Martina. Employment challenges in the light of demographic trends and economic crisis in the EU and the CIS countries JVI course on Applied Economic Policy, OECD/JVI Segment on Labour Market and Social Policies, Joint Vienna Institute, 15 July 2015, Vienna

LUBYOVA, Martina. National Migration Report for the Slovak Republic in 2014. Annual Meeting of the OECD EXPERT GROUP ON MIGRATION. Venue: OECD Conference Centre, Room CC15, 2 rue André-Pascal, 75016 Paris. From 6 October to 8 October 2014, OECD, Paris

LUBYOVA, Martina. Employment challenges in the light of demographic trends and economic crisis in the EU and the CIS countries. JVI course on Applied Economic Policy, OECD/JVI Segment on Labour Market and Social Policies, Joint Vienna Institute, 15 July 2015, Vienna

LUBYOVA, Martina. National Migration Report for the Slovak Republic in 2013. Annual Meeting of the OECD EXPERT GROUP ON MIGRATION. Venue: OECD Conference Centre, Room CC15, 2 rue André-Pascal, 75016 Paris. From 27 November to 29 November 2013, OECD, Paris

LUBYOVA, Martina. 21. Međunarodni znanstveni skup »DRUŠTVO I TEHNOLOGIJA 2014 – Dr. Juraj Plenković» Opatija, Hrvatska 28.-30.06. 2014.

LUBYOVA, Martina , Štefan Luby. PARTICIPATION OF DANUBE REGION COUNTRIES IN FP 7 AND IN THE SECURITY RESEARCH / SUDJELOVANJE ZEMALJA DUNAVSKE REGIJE U FP 7 I ISTRAŽIVANJIMA SIGURNOSTI. 22. Međunarodni znanstveni skup »DRUŠTVO I TEHNOLOGIJA 2015 – Dr. Juraj Plenković» Opatija, Hrvatska 28.-30.06. 2015.

LUBYOVA, Martina. Labour market policies: A comparative approach for OECD and CIS countries, JVI course on Applied Economic Policy, OECD/JVI Segment on Labour Market and Social Policies, Joint Vienna Institute, 31 July 2014, Vienna

LUBYOVA, Martina, Štefan Luby, Ivan Chodák. INOVACIJE I PREPREKE U TRANSFERU TEHNOLOGIJE U NOVIM ČLANICAMA EU, POSEBNO U SLOVAČKOJ / INNOVATION AND TECHNOLOGY TRANSFER BARRIERS IN NEW MEMBER STATES OF EU, ESPECIALLY IN SLOVAKIA, DRUŠTVO I TEHNOLOGIJA 2013. – Dr. Juraj Plenković SOCIETY AND TECHNOLOGY 2013 - Dr. Juraj Plenković, XX. MEĐUNARODNI ZNANSTVENI SKUP XX. INTERNATIONAL SCIENTIFIC CONFERENCE, 28. – 30.6.2013, HRVATSKA / CROATIA Opatija

LUBYOVA, Martina, Luby Stefan. Migration as a topic of 7th Framework Programme security research: implications for the Central European Area, UNESCO-MOST conference, Bratislava, November 5th – 7th, 2014

LUBYOVA, Martina. Labour market policies: A comparative approach for OECD and CIS countries, JVI course on Applied Economic Policy, OECD/JVI Segment on Labour Market and Social Policies, Joint Vienna Institute, 11 June 2013, Vienna

LUBYOVA, Martina. National Migration Report for the Slovak Republic in 2012. Annual Meeting of the OECD EXPERT GROUP ON MIGRATION. Venue: OECD Conference Centre, Room CC15, 2 rue André-Pascal, 75016 Paris. From 27 November to 29 November 2012, OECD, Paris

FILČÁK, Richard. Cohesion policy and objectives of the Europe 2020 Strategy/Partnership Agreement of the Slovak republic: A pilot evaluation project sustainable growth. Conference: Evaluation 2014-2020: Challenges and Opportunities, Ministry of regional Development, Czech Government. Prague: Oct 21 – 2015.

FILČÁK, Richard. *Methodology and Impacts Assessment of the European Cohesion Policy on the Marginalized Roma Communities in Slovakia: Drivers and Barriers Analyses*. Evaluation quality and evaluation standards, Prague: June 10, 2014

FILČÁK, Richard. *Multidimensional nature of energy poverty in Slovakia: access to energy, vulnerability and impacts*. 2nd Energy & Society Conference/Midterm conference of ESA RN 12, in cooperation with ISA RC 24 Krakow, 4th – 6th June 2014.

FILČÁK, Richard. *Environmental Justice and the Roma Settlements of Eastern Slovakia: Entitlements, Land, and the Environmental Risks*. The 11th European Sociological Association (ESA) conference "Crisis, Critique and Change" in the University of Turin on August 28th-31st, 2013.

FILČÁK, Richard. *Another Brick in the Wall: Ghettos, Spatial Segregation and the Roma Ethnic Minority in Central and Eastern Europe*. Conference: Rethinking Urban Inclusion: Spaces, Mobilizations, Interventions. University of Coimbra, Portugal, 2013.

FILČÁK, Richard. Invitation of head of Department of Development Studies at Palacký University Olomouc/Czech Rep. For public lecture: Poverty, Environment and concept of environmental justice – Researching living conditions of Roma in Central and Eastern Europe. 4.4.2012.

BABOS, Pavol. Effects of elections in CEE countries on EU governance, Budapest, 30th November 2015

HLAVACOVA, Anna. International Pushkin Festival/Pskov, 4th February 2014

2.3.12. List of researchers who served as members of the organising and/or programme committees

- **Position of individual researchers in a national context**

2.3.13. List of invited/keynote presentations at national conferences, as documented by programme or invitation letter

Policies. Budapest/Hungary - Central European University (CEU). 8. 12.2015

FILČÁK, Richard. Cohesion policy and objectives of the Europe 2020 Strategy/Partnership Agreement of the Slovak republic: A pilot evaluation project sustainable growth. Conference: Evaluation 2014-2020: Challenges and Opportunities, Ministry of regional Development, Czech Government. Prague: Oct 21 – 2015.

FILČÁK, Richard. *Methodology and Impacts Assessment of the European Cohesion Policy on the Marginalized Roma Communities in Slovakia: Drivers and Barriers Analyses*. Evaluation quality and evaluation standards, Prague: June 10, 2014

AFG01 FILČÁK, Richard. *Multidimensional nature of energy poverty in Slovakia: access to energy, vulnerability and impacts*. 2nd Energy & Society Conference/Midterm conference of ESA RN 12, in cooperation with ISA RC 24 Krakow, 4th – 6th June 2014.

AFG02 FILČÁK, Richard. *Environmental Justice and the Roma Settlements of Eastern Slovakia: Entitlements, Land, and the Environmental Risks*. The 11th European Sociological Association (ESA) conference "Crisis, Critique and Change" in the University of Turin on August 28th-31st, 2013.

AFG03 FILČÁK, Richard. *Another Brick in the Wall: Ghettos, Spatial Segregation and the Roma Ethnic Minority in Central and Eastern Europe*. Conference: Rethinking Urban Inclusion: Spaces, Mobilizations, Interventions. University of Coimbra, Portugal, 2013.

AFG03 FILČÁK, Richard. Invitation of head of Department of Development Studies at Palacky University Olomouc/Czech Rep. For public lecture: Poverty, Environment and concept of environmental justice – Researching living conditions of Roma in Central and Eastern Europe. 4.4.2012.

2.3.14. List of researchers who served as members of organising and programme committees of national conferences

- **Supplementary information and/or comments documenting the international and national status of the Institute**

2.4. Tables of project structure, research grants and other funding resources

- **International projects and funding**

2.4.1. Major projects within the European Research Area – Framework Programmes of the EU, ERA-NET, European Science Foundation, NATO, COST, INTAS, etc. (here and in items below please specify: type of project, title, grant number, duration, total funding and funding for the institute, responsible person in the institute and his/her status in the project, e.g. coordinator, work package leader, investigator),

Start	Project title	Project number	Duration in months	Funding for the Organisation (EUR)	Role of the Organisation
2012					
2013					
2014	Lifelong Learning, Innovation, Growth and Human Capital Tracks in Europe	290683	21	70000	partner
2015	Youth Mobility: maximizing opportunities for individuals, labour markets and regions in Europe	SEP-210167211	36	67646	partner

2.4.2. Other international projects, incl. total funding and funding for the institute

In 2012 – 2013 the Institute became a member of an international consortium for Tender awarded by the European Environmental Agency (Negotiated procedure No. EEA/IEA/12/003). The project focused on Forward Looking Information and services in the environmental sector and the climate change (total funding 1 6000 EUR, out of which the Institute got reimbursement for travels and 1200 EUR for expertise). Contract No. 3534/B2012/EEA.55045

2.4.3. Other important projects and collaborations without direct funding (max. 10 projects)

1. The problems of the legal status of minorities in practice and their long-term development, Project Number: DF12P01OVV013, Duration: 01/2012 – 12/2015;
2. ESS 8 Advanced Translation, cooperation with GESIS Germany, role of ESS translation team as a part of development of the ESS Round 8 source questionnaire (2015)
3. Organisation of four public presentations in 2015 under the Heading (Science for Practice) focused on the public audience and media, based on the CSPA IF initiative PROCESI (network of experts and institutions coordinated by CSPA IF). Three presentations were held in Bratislava (Small Congress Centre SAS VEDA), one in Eastern Slovakia (Presov University).
4. Membership in the Inter-Ministerial Committee for the National Employment Strategy, coordinated by the Ministry of Labour, Social Affairs and Family of SR, participation of the Committee meetings, review of submitted documents
5. Cooperation with UNESCO in terms of developing interdisciplinary research on SSH

- **National projects and their funding**

2.4.4. Projects supported by the Slovak Research and Development Agency (APVV)

Start	Project title	Project number	Duration in months	Funding for the Organisation (EUR)	Role of the Organisation
2012					
2013					
2014					
2015	Solving of Social Challenges in Area of Labour-market	APVV-14-0324	45	39083.85	coordinator
	Policy Creation Based on Scientific Information				

2.4.5. Projects supported by the Scientific Grant Agency of the Slovak Academy of Sciences and the Ministry of Education (VEGA) for each year, and their funding

VEGA	2012	2013	2014	2015
Number	4	3	4	6
Funding in the year (EUR)	30109	26955	24279	31763

- Summary of funding from external resources**

2.4.6. List of projects supported by EU Structural Funds

2.4.7. Summary of external resources of the EU Structural Funds (ERDF/ESF)

Year	Project title	Project number	Duration in months	Funding for the Organisation (EUR)	Role of the Organisation
2012	RESPONDER	265297	12	29401	partner
	ECOFINDER	264465	12	11347	partner
2013					
	Responder	265297	12	32180	partner
2014	LLLight in Europe	290683	12	30000	partner
	Responder	265297		12523	partner
2015	LLLight in Europe	290683	9	40000	partner

External resources	2012	2013	2014	2015	total	average
External resources (milions of EUR)	0.050	0.036	0.034	0.114	0.234	0.059
External resources transfered to coooperating research organisations (milions of EUR)	0.000	0.000	0.000	0.021	0.021	0.005

- Supplementary information and/or comments on research projects and funding sources**

2.5. PhD studies and educational activities

2.5.1. List of accredited programmes of doctoral studies, period of validity

Spatial Planning / Slovak University of Technology

2.5.2. Summary table on doctoral studies (number of internal/external PhD students; number of foreign PhD students, number of students who successfully completed their thesis, number of PhD students who quit the programme)

PhD study	31.12.2012			31.12.2013			31.12.2014			31.12.2015		
Number of potential PhD supervisors												
PhD students	number	defended thesis	students quitted	number	defended thesis	students quitted	number	defended thesis	students quitted	number	defended thesis	students quitted
Internal	4.0	0.0	0.0	3.0	2.0	0.0	3.0	1.0	0.0	3.0	0.0	0.0
External	2.0	0.0	0.0	1.0	0.0	1.0	1.0	0.0	0.0	4.0	0.0	0.0
Other supervised by the research employees of the institute	2.0	1.0	0.0	4.0	4.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0

2.5.3. Summary table on educational activities

Teaching	2012	2013	2014	2015
Lectures (hours/year) ³	73	120	543	404
Practicum courses (hours/year) ³	91	145	405	314
Supervised bachelor thesis (in total)	5	3	19	17
Supervised diploma thesis (in total)	5	4	20	30
Supervised PhD thesis (in total)	6	7	4	6
Members in PhD committees (in total)	3	1	5	3
Members in DrSc. committees (in total)	1	0	1	0
Members in university/faculty councils (in total)				
Members in habilitation/inauguration committees (in total)	0	0	1	2

2.5.4. List of published university textbooks

2.5.5. Number of published academic course books

2.5.6. List of joint research laboratories/facilities with universities

- Supplementary information and/or comments on doctoral studies and educational activities

2.6. Social impact

2.6.1. List of the most important results of applied research projects. Max. 10 items

The social impact of the IF activities follows mainly from:

- a) Expertise activities for the Slovak Government and the central government bodies
- b) Popularisation activities
- c) Participating in expert debates on public policies in the area of economic and social inclusion, climatic change etc.

1. National Reference Centre for Forecasting and Information Scenarios Area (see also above)

2. Forecasting Centre for Social Integration (ProCeSI) – Science for Practice (see above)

3. Periodic Quarterly Bulletin of IF (ISSN 1339-0120) aimed at providing applied results to public and experts (presenting basic overviews on long and short-term development of basic labour-market indicators in the Slovak Republic, facts of interest as well as short-term development forecasts based on time series of monthly and quarterly data. Monthly time-series are updated quarterly and published in the next bulletin issue).

4. Research of 'Employee satisfaction, data processing, reporting on results' (Nov 2014 - Feb 2015) - cooperation with HR department Faurecia, (International automotive parts manufacturer). Outputs summarised in the thematic report and statistics prepared for and discussed with the HR department management with the emphasis on employees needs.

2.6.2. List of the most important studies commissioned for the decision-making authorities, the government and NGOs, international and foreign organisations

Chapter 8, notably 8.2, 8.4 in Annual Reports

Ex ante Partnership Pact 2014-2020 evaluation - the fundamental programme document for EU funds drawing in this programme period (in value of 15b euro). IF coordinated the preparation of this ex ante evaluation for the Slovak government within SAS.

Expert study to a pilot project (EU 2020 submission assessment – Education) (Slovak Government Office)

Expert study to a pilot project (EU 2020 submission assessment – R&D) (Slovak Government Office)

Expert study to a pilot project (EU 2020 submission assessment – Climatic Change and Energetic Sustainability) (Slovak Government Office) (3 times)

National Employment Strategy expertise (Ministry of Labour, Social Affairs and Family of SR)

The Slovakia's country reports for the Research and Innovation Observatory 2015 and 2016. Commissioned by the Joint Research Centre of the European Commission, Brussels.

Forecast of Selected Macroeconomic Indicators of Slovak Economy expertise (Ministry of Finance)

IFP MF SR Macroeconomic forecast assessment (Ministry of Finance)

Effectivity of Active Slovak Labour Market Policy Measures assessment (Slovak Government Office)

Project evaluations under the law nr. 185/2009 on R&D stimuli assessment (Ministry of Education)

Research by using dual-moderator structured interviews with employees focused on perception of work-family conflict and managing work-family balance (2015), - cooperation with IT companies AT&T;

Workshops for employees on work-family balance (2014, 2015) - cooperation with Companies AT&T, FPT, RWE.

Lectures on demographic developments for OVB companies

Global Megatrends and Slovakia – application of EEA methodology at the national level, national monograph, Ministry of Environment of SR and Slovak Environmental Agency

Forecast of Slovak population at the district level until 2035

Forecast of the composition of Slovak households and families until 2030, forecast of the Roma ethnic minority population

- 2.6.3. List of contracts and research projects with industrial and other commercial partners, incl. revenues**
- 2.6.4. List of licences sold abroad and in Slovakia, incl. revenues**
- 2.6.5. List of most important social discourses under the leadership or with significant participation of the institute (max. 10 items)**

IF is a leading institution in social discourse on:

a. Demographic trends (as the main author of three demographic monographs and the related forecasts, provider of numerous lectures and opinions in the media). In relation to these efforts, M. Lubyova provides several interviews to the print media and B. Sprocha participated in the project of Scientific Cafes (a form of popularisation with an objective of presenting the newest results of scientific research).

b. Regional development and the advancement of marginalised regions, in cooperation with Anton Marcincin, a member of the CSPA initiative ProCeSI, who is the Slovak Government Plenipotentiary for Regional Development (previously advisor of the Minister of Interior and Minister of Finance). Mr. Marcincin joined the expert initiative ProCeSI established by the CSPA IF and participated in its activities, including presenting the draft act on the most backward regions during the ProCeSI event organized jointly by CSPA IF and Presov University in Presov in October 2015, attended also by other key stakeholders, e.g. mayors of cities from the depressed regions.

c. Employment and labour market development, whereas the CSPA IF publishes regular quarterly forecasting Bulletin for wide public. M. Lubyova is member of the Inter-Ministerial Working Group on the National Employment Strategy of the Slovak Republic, established by the Ministry of Labour, Social Affairs and Family of SR. P Karasz of CSPA IF provided inputs for the development of the National Employment Strategy that was adopted by the Government of SR in 2015. M. Lubyova continues to participate in the regular meeting of the WG whereas the progress on the implementation of the Strategy is evaluated and discussed.

d. Focusing and quality of EU funds implementation (based on expertise described in the point 2.6.2)

e. P. Karasz of IF is a member of the Prime Minister's Board of Advisors. He is Advisor on Economic Development. He provides advice on important socioeconomic topics as well as on topics of macroeconomic stability and public finances and regularly provides opinions for media

2.6.6. Summary of relevant activities, max. 300 words

2.7. Popularisation of Science (outreach activities)

2.7.1. List of the most important popularisation activities, max. 20 items

Name	Co-authors	Type	Name	Place of publication	Date or freq. per annum
doc. Ing. Vladimír Baláž, PhD., DrSc.		TV	Science spectrum – how people make decisions	RTVS	16.1.2014
doc. Ing. Vladimír Baláž, PhD., DrSc.		TL	The bogey-man of wage increase	SME	7.12.2014
Mgr. Richard Filčák, PhD., MSc.		PB	Annual meeting of National Reference Centres for Forward looking and Information Scenarios (FLIS)	Den mark	17.6.2013

Mgr. JUDr. Martina		RO	Topic on migration	SME	7.12.2014
Ing. Edita Nemcová,		IN	The real truth on living in socialist Czechoslovakia	RTVS	16.1.2014
Mgr. Richard Filčák, PhD., MSc.		PB	Another Brick in the Wall: Ghettos, Spatial Segregation and the Roma Ethnic Minority in Central and Eastern Europe	University	28.6.2012
Mgr. Richard Filčák, PhD., MSc.		PB	Poverty, environment and the concept of environmental justice	Palackého	4.4.2012
Mgr. JUDr. Martina Lubyová, PhD.		PB	Current state of civil security in Europe and Slovakia	Piestany	10.11.2012
Mgr. JUDr. Martina Lubyová, PhD.		other	Periodical quarterly IF Bulletin	Web	
Ing. Edita Nemcová,		other	Women in science	CVTI SR	21.9.2012

1. Baláž, V., Science spectrum – How people make decisions, *TV*, Bratislava 16.01.2014
2. Lubyová, M., Our generation still await dramatic changes, *Zivot Magazine*, Bratislava, July 2015
3. Nemcová, E., The real truth on living in socialist Czechoslovakia, *in radio*, Bratislava, 16.1.2014

2.7.2. Table of outreach activities according to institute annual reports

Outreach activities	2012	2013	2014	2015	total
Articles in press media/internet popularising results of science, in particular those achieved by the Organization	3	4	4	5	16
Appearances in telecommunication media popularising results of science, in particular those achieved by the Organization	164	186	90	108	548
Public popularisation lectures	4	7	10	9	30

- **Supplementary information and/or comments on popularisation activities, max. 300 words**

Popularization of research results is ensured by frequent appearances of institute's staff on TV, radio and press. A new form of popularization - involvement in the "European Researchers' Night" and "Week of Science and Technology" proved as efficient. Another

ways of popularization were “Scientific cafes” that aim to present the latest results of scientific research in an easily accessible way. These forms of popularization of research results help to increase social awareness on many issues concerning not only the general, national and regional history of Slovak society, but also to become familiar with the issues of social psychology. At the same time, they provide useful feedback for researchers to be able to present their results to the general public in a clear and engaging way.

2.8. Background and management. Human resources and implementation of recommendations from previous assessment

2.8.1. Summary table of personnel

Personnel	2012	2013	2014	2015
All personnel	26.0	29.0	31.0	31.0
Research employees from Tab. Research staff	15.0	15.0	20.0	21.0
FTE from Tab. Research staff	10.840	10.400	13.460	14.070
Average age of research employees with university degree	48.8	49.8	47.7	48.0

2.8.1.1. Professional qualification structure (as of 31.12. 2015) FEMALE

FEMALE	AGE								
Number of	< 30	31 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	> 65
DrSc. / prof. ⁵									1
II.a / Assoc. prof. ⁶					2			1	
Other researchers PhD./CSc.	1		1	1	1			1	1
doc. / Assoc. prof.									

2.8.1.2. Professional qualification structure (as of 31.12. 2015) MALE

MALE	AGE								
Number of	< 30	31 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	> 65
DrSc. / prof. ⁵						1			
II.a / Assoc. prof. ⁶					1	1		1	1
Other researchers PhD./CSc.		4	1	2					
doc. / Assoc. prof.									

2.8.2. Postdoctoral and mobility scheme

2.8.2.1. Postdoctoral positions supported by national and international resources

Post-doc Pavol Baboš was employed by the IF and his position was partially supported through the EC research project (7-th Framework Project) LLLight in Europe, implemented by CSPA in 2014 and 2015.

Post-doc Richard Heriban was employed by the IF and his position was partially supported through the EC research project (7-th Framework Project) LLLight in Europe, implemented by CSPA in 2014 and 2015.

Post-doc Pavol Baboš participated in joint research project together with M. Lubyova implemented by KIER of Kyoto University and Toyama University in Japan. As a result of this cooperation, P. Baboš obtained funding for 6 months stay at Sapporo University in Japan during 2016.

Post-doc Eduard Nezinsky was employed by the IF and his position was partially supported through the EC research project (7-th Framework Project) LLLight in Europe, implemented by CSPA in 2014 and 2015.

2.8.2.2. Postdoctoral positions supported external funding

Post-doc Jana Smrckova was employed by IF part-time and her post in 2015 was fully supported by grant from the Slovak Agency for Research and Development (APVV) (responsible project leader M. Lubyova).

2.8.2.3. SAS stipends and SASPRO stipends

2.8.2.4. Internal funding - the Slovak Academy of Sciences Supporting Fund of Stefan Schwarz

2.8.3. Important research infrastructure (*max. 2 pages*)

SPECTRA+ - used for R&D infrastructure financed by the Structural Funds – CE SPECTRA+. The project was implemented by the CSPA in cooperation with the Slovak Technical University in Bratislava. The communication platform that was built under this project rests with the CSPA. Another part of the common infrastructure built under this

project is VEEL (Virtual Experimental Economic Laboratory), which physically rests with the STU, Institute of Management. The infrastructure has been used for experiments – simulating the reactions of agents in different game setups.

2.8.4. Description of how the results and suggestions of the previous assessment were taken into account

IF was ranked in the category “A” in the previous accreditation round. Nevertheless, the Institute made sincere efforts to further improve its performance according to the accreditation recommendations. This is the summary:

Suggestion 1 Give increased attention on the doctoral studies (PhD students)

IF has signed an agreement with the Economic University in Bratislava on joining the PhD programme “Quantitative methods in economics” as an external educational institution. The agreement was signed by the Dean of the faculty and the Rector of the university and submitted to the Accreditation Commission of the Slovak Ministry of Education and Science. The Accreditation Commission approved the participation of IF in the programme. However, due to administrative issues the process was delayed and IF could not embark on this programme because following the results of the latest complex accreditation of universities, the Economic University lost its accreditation in this programme. Subsequently, in this regard IF has reoriented its activities on the Comenius University – the Faculty of Social and Economic Sciences. The negotiation of agreement is underway.

In terms of existing PhD programme “Spatial Planning” IF continued its implementation and expanded the number of PhD students to 6.

Suggestion 2 Emphasise the function of methodology of the forecasting activity in research of IF.

Following the recommendation to emphasise the forecasting methods in the research activities of IFSAS, the Institute took a systematic approach in three categories:

- Short term forecasts
- Long term forecasts / projections
- Foresights

Within that framework, IF implemented the following steps:

a) Short term forecasts: IF organised a scientific seminar on the methods of short/term forecasting based on time series and launched several working papers on this topic in its online journal Forecasting Papers. Following the results of the seminar and further consultations with the stakeholders (other research organisations, experts, state agencies), the findings indicated that although several institutions have been producing various forecasts, e.g. the National Bank, Ministry of Finance), there was an unoccupied niche at the Slovak forecasting portfolio in the field of short/term forecasting of development in social sphere and at the labour market. Therefore, IFSAS has launched a regular quarterly Bulletin of IF that is dedicated to these forecasts. The Bulletin is distributed as online version and has acquired an audience among the experts, state agencies, and general public. The content of the Bulletin has expanded also to sectoral forecasts and new indicators. Furthermore, IF researchers (e.g. prof. Rublikova and Dr. Lubyova)

published several papers on the topic of the possibilities for using various forecasting methodologies for the Slovak data.

b) Long term forecasts: IF initiated a collaborative process with their two Slovak institutions (INFOSTAT of the Statistical Office of SR and Comenius University) to prepare long-term forecasts for Slovakia on various topics on the basis of the data from the new Population Census. Based on this cooperation IF published the following long-terms forecasts (as monographs):

Forecasts of the development of population in Slovak regions till 2035

Forecast of the development of Slovak households and Families

Furthermore, IF prepared and published the monograph “Forecasts of the development and analysis of reproduction behaviour of the Roma ethnic group in Slovakia”.

IF prepared a project aimed at forecasting the situation at labour market based on scientific information. The project received funding from the Agency for Research and Science (APVV) and is now implemented by IF (two other partners include Economics Institute of SAS and Comenius University).

IF entered into cooperation with the European Environmental Agency (EU specialised agency based in Copenhagen) and the Slovak Ministry of Environmental Protection and the Slovak Agency for Environment with the aim to prepare foresight Global Megatrends and the Slovak Republic. The foresight is based on a global foresight developed by EEA. Due to the initiative by IF Slovakia became one of three pilot countries that are developing national foresights (together with Belgium and Switzerland). IF put together a broad group of experts and institutions in Slovakia for the preparation of the foresight (Slovak Agency for Environment, Slovak Agricultural University in Nitra, Slovak Innovation and Energy Agency, Institute of Landscape Ecology SAS, Institute of Physics SAS, Institute of Hydrology SAS, Economics Institute SAS, Institutes of Polymers SAS, Slovak Academy of Agricultural Sciences, Comenius University, INFOSTAT of the Slovak Statistical Office). Draft foresight has been discussed at interim workshop in May 2016, final workshop is expected in September 2016. The foresight will be disseminated broadly, including through the opportunities provided by the SK Presidency of the EU. In addition to organising of the national foresight process, IF participates also in the EEA methodological project aimed at developing the method of transferring the global foresight at the national level.

IF has launched cooperation with the Slovak Embassy at UNESCO in Paris aimed at engagement of the UNESCO experts in foresight on the topics covered by the Global Megatrends.

In terms of forecasts, IF also participates in the project CEMEA (H2020) that is implemented by SAS with focus on advanced materials. IF has been implementing a survey among Slovak companies regarding the transfer of Technologies and cooperation with research institutions (SAS) with the aim to develop a foresight

The IF also contributed to development of the forecasting methodology. Vladimir Balaz published a paper in a leading World journal on forecasting ‘The Technological Forecasting & Social Change’:

Baláž, V. and Williams, A. M. (2012): Diffusion and competition of voice communication technologies in the Czech and Slovak Republics, 1948–2009, *Technological Forecasting & Social Change*, 79(2): 393-404.

Suggestion 3 Strengthen the IF’s position in the European Research Area (ERA)

IF strengthened its efforts to engage in ERA projects, notably H2020 and other related activities including embedding research expertise in projects finances through Structural Funds.

IF Director also participated in the EU project EraNet Rus Plus as representative nominated by the SAS with the aim to develop the future focus and topics for scientific cooperation between the EU and Russia based on Delphi method. IF prepared research project (MIDAS) under the scheme whereas IF acted as a coordinator of international consortium.

IF acted as a member of international consortium in the following projects:

FP7: LLLight, RESPONDER, Ecofinder

H2020: YMOBILITY, Enliven

IF participated in the following research consortia of the projects that were not granted funding under FP7 and H2020 calls: ISED, Youth unemployment, EUROMIG

M. Lubyova participated as expert evaluator in the evaluation of 2 research calls by the EC: 7FP (Management of migration) and H2020 (Cooperation of EU with South Africa). Further evaluations were carried out by V. Balaz in the framework of 7FP EraNet programme.

- **Supplementary information and/or comments on management, research infrastructure, and trends in personnel development**

IF maintains an eminent scientific position within Slovakia and keeps its HR updated with talented junior doctoral students.

3. Research strategy and future development of the institute for the next five years (2016-2020) (Recommended 3 pages, max. 5 pages)

3.1. Present state of the art in both the national and the international contexts

As was documented in greater detail above, the present key characteristics of CSPS include, among others, the following features: CSPS is focused on basic research in the areas of social sciences, with focus mainly on psychology, history, sociology, and forecasting. It specializes also on interdisciplinary research of socio-cultural and socio-political aspects of Slovakia in the European and global contexts. Its research results are utilized by various institutions and organizations. CSPS provides consulting and other expert services to government as well as to national and international organizations. CSPS is accredited to provide post-graduate studies. CSPS publishes the results of its scientific research activities in periodical and non-periodical publications.

In terms of basic research, the scientists of the CSPS have been over a long period involved in research of cognitive processes, such as memory, intelligence, and in the last years especially decision making and judgment. These recent topics have brought increase of interdisciplinary cooperation with economic and cognitive scientists:

a) Risk assessment in the field of finance

One of the key concepts in financial psychology is a risk assessment in the field of finance. Risk can be defined as a certain possibility that our expectations about the future will not be fulfilled. Correct and objective assessment of the risk is considered to be the first step in its management and coping. Among other things, financial psychology examines how individuals actively assess risks when they make decisions in a) personal finance and b) corporate finance. When people manage personal finances or various financial matters, they use cognitive skills and capacity and also other resources. However, considering the complexity of this area, we need to scientifically examine people's cognitive limitations in order to improve their decision making process, whether it is a decision about one's retirement or other financial decisions. These decisions are associated and influenced by many psychological factors, which individuals often do not reflect. The ability to do optimal financial decisions

is often limited by individuals' little self-control, procrastination, loss aversion, financial in/competence, framing of financial decision-making, risk perception when deciding about the amount of savings needed and what financial products to use. The risk perception and decision-making process is also affected by financial literacy. The specific role is played by psychological risk assessment in the context of corporate finance investment, where a significant part is represented by an individual investors investing in start-ups. These investors invest in the early stages of company development. In this stage, an extensive array of management tools, various economic analyses, decision-making procedures and techniques have no predictive validity, so it is necessary to work with the decision-making in a psychological perspective. There are various psychological factors affecting the risk perception and risk assessment in this field and one of these is the overconfidence effect. Overconfidence effect is often considered to be the most common and robust cognitive bias in reasoning and decision making. In the process of estimating future returns of financial assets, creating a portfolio and trading on financial markets, where it was found that this effect results in suboptimal decisions associated with greater risk tolerance in the field of entrepreneurship where authors observed mainly the investment decision-making of new entrepreneurs and company managers. Psychological risk assessment is an important component of decision-making about the business opportunities and analysis of perception process, evaluation of opportunities and risks is therefore the essential factor in understanding the nature of entrepreneurship.

b) Medical and paramedical decision making

Decision making of different healthcare professionals in their work environment is the focus of intensive research. However, the obtained findings are not directly applicable to the decision making of the specific group of paramedics as the nature of their work is significantly different (immense time pressure, lack of information, wide range of complex problems, various environment conditions). Current findings on naturalistic decision making (NDM) are the focus of a regular international conference on NDM. There it became obvious that the paramedic profession is studied only marginally within the NDM paradigm. In the last few years, only two papers on the decision making of paramedics were presented on this conference, which indicates that paramedics often experience uncertainty in non-routine situations that they reduce using different strategies, and while diagnosing the patient they do not strictly follow set of procedures but mostly rely on their expectations formed by their previous experience. To improve the quality of decisions within the NDM paradigm, professionals are advised to purposefully improve their experience in order to form better tacit knowledge (perception skills, better mental models, professional intuition) as basis for making better decisions. Results of the present research conducted by teams at the IEP SAS show that despite high self-confidence, even in emergency services physicians the length of experience does not guarantee good performance in regard to objective criteria – according to expert medical evaluators. According to our findings, the best performed those paramedics who could combine their experience with constructive feedback from professional competitions and trainings.

c) Cognitive limits of effective information communication and processing

Focus of the research is to identify and describe factors contributing to people's better acceptance, comprehension and processing of expert information that are necessary for informed and evidence-based decision making. The amount and complexity of information is growing steadily nowadays, however, people tend to believe more in pseudoscientific theories, biases or they deny science altogether, which has a negative impact on the life of individuals (refusal of vaccination, financing ineffective "treatment" methods, ignoring medical recommendations, believing in conspiracies, etc.). Lack of comprehension and acceptance of expert information are caused by (1) cognitive limitations of the information recipient (e.g., confirmation bias), (2) the way information is phrased and presented (e.g., using percent instead of natural frequencies). By studying these limitations we should be able to design and test the possibilities of efficient communication of information for debiasing and optimization of decisions. People during judgment tend to make systematic cognitive errors, leading to suboptimal conclusions and actions. One of the most robust mental shortcuts in information processing is confirmation bias/myside bias. People prefer, search for, interpret and recall information in a way that corresponds to their original assumptions, beliefs and opinions. This tendency is in opposition to the principles of active-open critical thinking that is characterized by the ability to distinguish existing expectations and opinions from the assessment of arguments and evidence. Significant practical consequences range from a biased assessment of evidence in courts of law to conservative procedures in the work of academics and researchers. Resilience to "myside bias" presents a competence of rational thinking, which is independent of intelligence. The findings of economic, psychological, and neuroscientific studies document the existence of robust differences in the perception of risk and probability in regard to individual and social factors, as well as aspects of problem,

context, environment, and domains. For a deeper understanding of how people process information and how their judgments and beliefs transform into a decision and other forms of behaviour, analysis of a complex model of all these levels is necessary.

CSPS has been in the past few years collaborating in terms of basic research with the following international partners (this cooperation resulted in a number of foreign publications in current journals and foreign monographs or chapters therein, list of published results is available in the previous sections, upon request it is possible to provide the results according to the points below):

1. Research in psycholinguistics in collaboration with Max Planck Institute for Psycholinguistics:
2. Research in Personality and well-being in life-span perspective in collaboration with Institute of Psychology, Czech Academy of Sciences, Brno (M. Blatný), University of Kentucky, USA (Alexander T. Vazsonyi), University of Jyväskylä, Finland (K. Kokko)
3. Research in Bayesian reasoning in collaboration with Medical Decision Making and Informatics Research Group, School of Medicine, King's College London & Kingston University:
4. Cross-cultural research of national stereotypes in collaboration with Florida State University College of Medicine and other research institutes worldwide
5. Research in problems of adolescent in collaboration with Örebro University, Center for Developmental Research
6. Public health issues (adolescent health behaviours) in collaboration with Department of Social Medicine, University Medical Centre Groningen
7. Research in Relationship of values and behaviour in collaboration with University of Toronto, University of Leuven, University of Hamburg a Cambridgeshire and Peterborough Trust Foundation, Cambridge
8. Research of international political and economic order under conditions of global competition in collaboration with the University of Kyoto and University of Toyama, Japan
9. Research of international migration and migration of youth in cooperation with the university of Surrey, United Kingdom.

Further current research activities of the CSPS include the improvement of knowledge base of the discipline, development of the new exploratory instruments, production and implementation of social-psychological influence programs, and also interdisciplinary cooperation. Scientific fellows of the department coordinated several research projects in the basic fields of the discipline: e.g. social intelligence and social competence relation; value orientations and wellbeing; attitudes to the different social objects and their change; small social groups study with special attention to the development of relations in the classroom; gender roles of women – mothers of young children in the work and family settings; processes of ethnic identity formation of young ethnic minorities members; quality of life of unemployed; behavioural strategies in demanding life situations; injunctive, descriptive and personal norms as behavioural regulators; cognitive processes in biological, social and artificial systems.

In the period under evaluation (last 5 years) to the dominant activity belongs the participation in the leading European (ESFRI) interdisciplinary project, European Social Survey (ESS), the Department and its members carried out the task of national coordination. Members of the Department played a key role in Czecho-Slovak team of authors, which from the end of 90-ties continuously published the sourcebooks for this discipline. These activities gave the important impulse for the revival of the interest for PhD. studies in social psychology in the Slovakia and in the Czech Republic.

Another current trait of basic research at the CSPS has been the focus of historical research on the situation of ethnic minorities in Slovakia and in Central European context, with special attention to the period of 20-th century. National minorities represent cultural, social and political phenomena, which call for and require special attention. Historical experiences, past and present shape of interethnic relations in Slovakia offer a lot of arguments for the necessity of permanent objective scientific research of impact of ethnicity on development of society, and also for the transformation of this knowledge to the executive sphere. The study of the processes of ethnic identity formation and change requires a real multidisciplinary cooperation. The interdisciplinary character and methodology elaborated in the research activities of the Department of History ascribed to this team the pioneering role and position on national and in part also on international level. For example, the Department together with 12 European scientific institutions (universities and institutes) participates in the project Urbanhist (20th Century European Urbanism) in the Excellent Science Marie Skłodowska-Curie Actions, Innovative Training Networks (ITN), European Joint Doctorates (EJD).

Finally, the current research orientation in the field of forecasting and foresight has been focused on the three topics prioritized in the Europe 2020 strategy and the seminal work by J. Stiglitz and A. Sen (Beyond GDP), i.e. applying foresight and forecasting methods in the field of the economic, social, and environmental developments. From the methodological point of view, the basic research in these areas was focused on:

- a) Testing the suitability of the methods of short-term and mid-term forecasting based on time series analysis for predicting the parameters of social and economic development of SR
- b) Introducing the foresight method with respect to assessing global megatrends at the national level
- c) Precising the methods of long-term forecasting focused mainly on the demographic developments in both national and international framework.

3.2. Research strategy of the institute in the national and the international contexts, objectives and methods

The basic strategy of the CSPS for the future years is to use its increased interdisciplinary potential, the economies of scale and larger pool of researchers and collaborating institutions of the CSPS after the merger, in order to achieve the **following main goals**:

1. To further increase the quality of scientific output; the quality will be measured by output in quality international scientific magazines and prestigious publishers
2. To further increase the share of project financing from both national and international resources, At the national level to apply continuously for grant projects of Slovak Research and Development Agency (APVV) and the National Scientific Grant Agency (VEGA), At the international level to increase the share of European financing (mainly H2020 projects) on the overall Institute's financing, and to apply for the ESF grants (given that the location of the ISS Unit in Eastern Slovakia grants eligibility for the structural EU funds)
3. To continue the cooperation with Slovak central government bodies thus intensifying the social impact of the research carried out at the Institute.
4. To strengthen its position as the relevant stakeholder in public discussions on economic and social challenges,

The research strategy and activities of CSPS will be governed by the **following principles**:

a) Interdisciplinarity

Fusion of the Institute with two other SAS institutes into a unit under the new name Centre of Social and Psychological Sciences is expected to lead to the accumulation of research capacities and integration of several social sciences (in addition to psychology also economy, history, political science, etc.). Multidisciplinary perspective enriches research activities because it aids the understanding of a wider context of studied psychological phenomena and their social sources.

b) Multi-method approach

The research approach of the CSPS is based on methods that are firmly grounded in established practices of the respective scientific disciplines. The aim is to exploit the advantages of the multi-method approach in the study of selected phenomena while expecting that its application will result in several positive outcomes. There is a number of directions that cannot be described here for the shortness of space. One of the examples would be the possibility to increase results validity by triangulation and higher generalization of obtained results in relation to social environment.

c) International cooperation and dissemination of the results

Research results of CSPS will be presented in international journals and at international events. In the following years, our aim is to strengthen international cooperation and find new possibilities to include our research into the international context through cooperation with relevant research institutions abroad. International framing of research activities can aid a higher impact and contribution of our findings.

Topically, objectives and methods of research in individual research areas will be focused on along the following themes:

a) Risk assessment in the field of finance

Risk assessment in the field of finance will focus on risk assessment in two areas. The first is personal finance, where the research aim will be to identify socio-psychological and personality factors of investment behaviour and perception of risk in financial decision making. The second area is risk assessment in entrepreneurial environment, specifically in start-ups. The aim is to analyse risk perception, but also other cognitive and

personality characteristics of entrepreneurs and investors. Regarding methodology, the research will combine self-response and experimental approach to exploit the mutual complementarity of these methods to increase the reliability and validity of research findings. Self-response methods are represented by personality characteristics questionnaires such as dispositional optimism and such, then financial literacy and also approach to finances. Experimental approach will be used to study financial heuristics, shortcuts, and mistakes in investment decisions closely related to financial literacy.

b) Naturalistic decision making approach in medical area

Constructive, early and specific feedback is essential for the development of reliable intuition (and intuition-based decision making). The main goal of our further research in the area of medical decision making is to continue in analysing the decision making of EMS crew commanders in simulated situations with special emphasis on decision making strategies used in various types of situation in regard to their non/routine character, emergency and number of casualties. Another goal is to describe different forms of team cooperation and communication in regard to their effectiveness in different types of simulated situations and verify the effect of different forms of feedback about chosen procedures to improve the decision making and performance quality in paramedics. Dominant methodology will be a combination of qualitative and quantitative analysis of objective data on the paramedic performance, and video feeds of solving various types of simulated tasks, and expert evaluation together with analysis of subjective responses (interviews and questionnaires) of participants in EMS crew competitions. These analyses will form the ground for a system of assessment and evaluation of non-technical skills of paramedics.

c) Cognitive limits of effective information processing and communication

Studying the circle of information and their appraisal contributes significantly to the understanding of how people process information they encounter. The focus will be not only in the negative point of view – systematic errors people make in judgments and decision making – but mainly in studying ways how to debias/update people's beliefs by means of a more efficient information phrasing. We want to analyse specific interventions in relation to personality and cultural variables with the aim to increase the acceptance and comprehension of information (with special focus on scientific information). Special focus of the research will be on efficient phrasing of information to prevent misunderstandings and reduce biases and consequently result in optimal decision making, when all risks and benefits are considered. Experimental approach will be applied to the study of the influence of information phrasing on risk and probability assessment, on people's beliefs and on expressed behaviour tendencies, and simultaneously identification of moderators and mediators of the given effects. Regarding information phrasing, qualitative and quantitative components of arguments, various aspects of problems, information structure and graphical visualization will be studied. The results will help understand factors and predictors of the information processing and judgment.

d) Research focused on the situation of national minorities

CSPS will continue with the analysis of inter-national relationships in years 2004-2016, strategies of national politics in Slovakia, demographic development of national minorities at the beginning of 21st century, cooperation between European and Slovak policies, relationships between majority and minority, Roma issues, new minorities, migration and security.

e) Historical research

CSPS will focus on the Slovak history in 20th century with a special accent on the period after 1918 and on examining of national issues in the "after war" period with link to the events after 1948 to present. In the field of newest history, it will aim to prepare first historical analysis from the period after 1989. A nouvelle feature of the future research will be the focus on the issues of inter-ethnic relations in the borders areas of Central European countries with an emphasis of Ukraine in particular

f) Forecasting and foresight methodologies

In terms of forecasting and foresight the strategy will be to test the validity of new methods for forecasting complex issues, notably the demographic change, social inclusion, complex decision making, environmental sustainability, and intelligent growth.

Applied research

In the field of applied research, the period of the 3 to 4 coming years will be dedicated to the implementation of the new project of Cross-border cooperation by the Norwegian funds has been prepared and approved. The title of the project is: „Providing information and implementation of innovative approaches in the cross-border

cooperation between Slovakia and Ukraine". These activities can be extended depending on the results of the competition for another Cross-border cooperation project with Hungary (Acronym RARE) that has been submitted by the CSPS recently (the result are awaited in 2016).

The applied research activities of the CSPS in the foreseeable future will also lead to the concentration of research capacities in (Eastern) Slovakia to the domain of marginalised Roma community research within the common projects of several institutions with the ambition to succeed in competition about funding from Slovak Research and Development Agency (APVV) and ESF.

In the field of psychology, the focus of applied research activities will depend mainly on the participation of researchers at the research projects. Current project topics deal with measuring the perception of safety, job insecurity and work-family spillover. Some of the mentioned topics are also analysed within the PhD studies. Mutual and interdisciplinary research activities are planned within the three Institutes of the Centre of Social and Psychological Sciences. A common project has been submitted for the National Scientific Grant Agency (VEGA) oriented at the identification and measuring of entrepreneurial competencies and opportunities. The role of the Institute of Social Sciences is based on the analysis of perception and identification of entrepreneurial opportunities with the focus on support and experience learned from the family. Another issue will be measuring the perception of entrepreneurial opportunities by successful "startupists" and university students.

One of the important priorities of the applied research activities CSPS will be to continue in negotiations about the funding necessary to continue with the active participation in the European Social Survey.

Graduate studies

In terms of graduate studies, further cooperation with Universities is assumed in the established programs. The program focused on Spatial Planning will be gradually phased out and replaced by a new program focused on public policies in cooperation with the Faculty of Social Sciences of the Comenius University in Bratislava.

Project proposals submitted to 7RP or H2020	2012	2013	2014	2015
Institute as coordinator			1	
Institute as participant			4	1

4. Other information relevant for the assessment

This questionnaire is one of the three partial questionnaires ordered under the Resolution of the Presidium of SAS No. 1062C of 4 August 2008. The validity of the Resolution was contested by the Director of the Institute and by three members of the SAS Parliament (Snem). Pending the final decision regarding the validity of the Resolution, CSPS prepared partial questionnaires for its Departments (IF, ISS and IEP) under separate headings of the former institutes that ceased to exist as of October 2015. However, these partial questionnaires may not be admissible for the evaluation purposes depending on the final decision regarding the validity of Resolution 1062C.

CSPS also prepared one single questionnaire that was duly submitted on 15th June 2016.

Institute of Forecasting (IF) SAS is the legal successor of three institutes of SAS that have been merged as of 1 October 2015 into the Centre for Social and Psychological Sciences (CSPS) of SAS.

SAS has been under long-term pressure to decrease the number of institutes and merge smaller institutes into larger centres in order to utilise "economy of scale", increase competitiveness and expand the possibilities for supporting interdisciplinary

research and for building interdisciplinary teams that would be able to apply for EC projects. Another motivation for mergers was the ability to effectively function in the form of the so-called public research institutions (PRI). PRI is a new legal form, in which the organisations of SAS should exist following the transformation of SAS pursuant to the draft bill on PRI that has been submitted to the Government by the Ministry of Education, Science and Sports. The bill is supposed to be passed on to the Parliament during towards the end of 2016. The idea of mergers created certain tensions inside the institution, which in combination with other factors led to the reconstruction of the Presidium of SAS in the middle of its current tenure. Following the reconstruction of the Presidium of SAS in January 2015, the newly elected President of SAS declared that the mergers should be based on voluntary principles bottom-up and called upon the institutes to come up with pilot initiatives that would receive full support of the Presidium. Therefore, three institutes of SAS (Forecasting, Social Sciences and Experimental Psychology) came forward with the pilot initiative to create the Centre for Social and Psychological Sciences. The initiative was approved by the academic communities of the three institutes and as of March 2015 the researchers and managers embarked on preparatory activities for the new Centre. These included joint brainstorming sessions, team building exercises, planning of joint research projects, and preparing administrative plan of merger. The merger was executed as of 1st October 2015.

Given these developments, the academic community and management of the Centre is of the opinion that Centre should be evaluated in the current process as one organisation. The main arguments are based on the logic that according to the Law on SAS, SAS evaluates its organisations, and not its former organisations. Also, in the history of SAS there have been various mergers and partitions of the institutes, notably following 1989, but the evaluations always respected the principle to evaluate the existing organisations rather than the ones from the past. Last but not least, the academic communities and management of the merged institutes have been through very strained and demanding period due to the merger and the need to adopt new approaches to research and administration. In particular, in anticipation of the new legislation, the new functionality of the future PRI form have to be internally “simulated” within the current unitary form of the organisation. Therefore, the academic community and management of the CSPA have been of the opinion that it is fair to allow for evaluating the Centre as one organisation rather than as a mechanical collection of the former institutes. The research community perceived that the CSPA is more competitive and stronger than the isolated institutes. Therefore, evaluation of the Centre in the format of the separate former institutes would effectively remove the benefits of the merger and could undercut the motivation and enthusiasm for further mergers. Based on ongoing discussions and communications along these lines between CSPA and the Presidium of SAS, notably its Accreditation Committee, CSPA originally developed a single questionnaire for the Centre as a whole. Further arguments were related to the methodology of the evaluation procedure whereas the Presidium of SAS neither the Accreditation Committee were able to respond to the Director’s request regarding the method for combining the partial evaluations for the former institutes into one composite mark for the Centre. Obviously, there are methodological issues related to constructing the composite final mark for the merged institutions, such as the rules for adding up the composite marks by simple averaging method versus weighted averaging, the question of appropriate weights, the question of taking into consideration the period of separate existence of the institutes versus the period of joint existence as departments of the Centre, etc. These methods can substantially influence the final mark for the Centre. Therefore, the Director requested information on these methods prior to the filling of questionnaires and prior to the commencement of the evaluation process, noting that transparent and fair evaluation

the method has to be known in advance and not created during the evaluation procedure. Until end of August, no information regarding the method was provided, which may put the objectivity of the exercise at stake.

Accreditation Committee insisted on the evaluation in the form of separate institutes by submitting three separate questionnaires with common Section 3. The presidium adopted a Resolution No. 1062 C of 4-th August, in which it obliged the Centre Director to develop 3 separate questionnaires for the former institutes by 31st August 2016. The Director challenged the resolution also on the formal grounds due to violations of several procedural rules for adopting resolutions (e.g. the resolution was put on the programme outside the regular schedule on the basis of operative meeting of the President of SAS that took place one day before the regular meeting of the Presidium, the obligatory background materials for voting by the Presidium were prepared overnight from 3rd to 4th August and they were not publicized in accordance with the rules (the stipulated period is minimum by 9:00 a.m. one day before the meeting, the background materials were not publicised afterward along with other materials used for other resolutions, the shortened procedure cannot be used for adopting tasks of organisational character, etc.). On these grounds, the Resolution was challenged by the Director vis-à-vis the member of Presidium who submitted the material (Deputy of Vice-President of SAS Mr. Morovics) and Vice-President of SAS for SSH Mr. Visnovsky. Director expressed the opinion that the Resolution is void due to the formal violations of the statutory procedures and requested the Statement of the Members of Presidium on this matter. Three Members of the SAS Parliament (Snem - the supreme body of SAS) submitted request to the President of SAS in the same matter on 25th August, requesting his written statement in accordance with the Statute of SAS, which has to be delivered within 30 days of its delivery).

Pending the decision in this matter, Director of CSPS tried to prepare provisionally the three separate questionnaires for the former institutes. However, these were prepared under irregular conditions under time constraint during leave period. Therefore, they cannot be perceived as full-fledged questionnaires prepared under regular procedure. Also, due to the fact that the merger was executed already in the evaluated period, some of the items in the first and second section of the questionnaire are not strictly separable and cannot be presented solely for the separate institutes, but pertain to the merged Centre. This fact also influenced the quality of the information provided in the questionnaires.

Thus this questionnaire is one of the three partial questionnaires and thus it may not be admissible for the evaluation, depending on the final decision regarding the validity of Resolution 1062C.