
1 Research Projects

The Faculty of Economics, in cooperation with other universities, companies, financial institutions, public administration, regional and local governments, non-governmental organisations and organisations supporting regional development, participates in national and international research projects.

The research projects are funded from the following sources:

- EU R&D programmes, especially the Horizon Programme;
- Grant agencies in the Slovak Republic: the Scientific Grant Agency (VEGA), Agency for Support of Research and Development (APVV) etc.

1.1 International R&D Projects

<i>Project title:</i>	A Personalised Integrated Care Approach for Service Organisations and Care Models for Patients with Multi-Morbidity and Chronic Conditions
<i>Acronym:</i>	PICASO
<i>Contract Number:</i>	689209, H2020
<i>Supported by:</i>	European Commission, H2020 Programme
<i>Project type:</i>	Research and Innovation Action (RIA)
<i>Local coordinator:</i>	Tomáš Sabol
<i>Associated Faculty:</i>	Peter Kostelník, Ján Hreňo, Marek Skokan, Marián Mach
<i>Duration:</i>	2016– 2019
<i>Website:</i>	http://www.picaso-project.eu/impressum

Project description:

PICASO project is developing a digital platform for secure, collaborative sharing of care plans across healthcare sectors. The PICASO platform will enable the sharing of a patient's complete care pathways with tools to establish health status, predict risks and adjust care. Based on monitoring of different physiological parameters at home, the patients can actively participate in their own care. The result is better management of co-existing diseases and coordination of care plans for the benefit of patients and carers across organisations.



<i>Project title:</i>	Pluggable Social Platform for Heritage Awareness and Participation
<i>Acronym:</i>	PLUGGY
<i>Contract Number:</i>	726765, H2020
<i>Supported by:</i>	European Commission, H2020
<i>Project type:</i>	Research and Innovation Action (RIA)
<i>Local coordinator:</i>	Tomáš Sabol
<i>Associated Faculty:</i>	Ján Hreňo, Peter Bednár, Peter Smatana
<i>Duration:</i>	2016 – 2019
<i>Website:</i>	http://www.pluggy-project.eu

Project description:

PLUGGY addresses the need of society to be actively involved in cultural heritage activities, not only as an observer, but also as a creator and a major influencing factor. PLUGGY aims to bridge this gap by providing the necessary tools to allow users to share their local knowledge and everyday experience with others, together with the contribution of cultural institutions, building extensive networks around a common area interest, connecting the past, the present and the future.

<i>Project title:</i>	MOdel based coNtrol framework for Site-wide OptmizatiON of data-intensive processes
<i>Acronym:</i>	MONSOON
<i>Contract Number:</i>	723650, H2020
<i>Supported by:</i>	European Commission, H2020
<i>Project type:</i>	Research and Innovation Action (RIA)
<i>Local coordinator:</i>	Tomáš Sabol
<i>Associated Faculty:</i>	Peter Bednár, Marián Mach, Marek Skokan, Miroslav Smatana, Martin Sarnovský
<i>Duration:</i>	2016 – 2019
<i>Website:</i>	https://www.spire2030.eu/monsoon

Project description:

The MONSOON project aims to establish data-driven methodology to support identification and exploitation of optimization potentials by applying model-based predictive controls so as to perform plant and site-wide optimization of production process. Main result of the project will be architecture for building, validation and deploying of data analytics models for the predictive control or maintenance

<i>Project title:</i>	Opportunity ReCOgnition and Exploitation in a Circular Economy for RIS (ORCERIS)
<i>Supported by:</i>	H2020, EIRT, Raw materials
<i>Contract Number:</i>	17123
<i>Coordinator:</i>	Nataša Urbančíková
<i>Associated faculty:</i>	Oto Hudec
<i>Duration:</i>	2018-2020

Project description:

The ORCERIS project (funded by EIT RawMaterials) aims at increasing the success rate of new business ideas for the circular economy and raw materials. It does so by bringing together existing insights and tools for supporting entrepreneurs and firms in adopting circular ideas from 3 previous EIT RawMaterials KAVA projects, and by developing a training programme that those involved in innovation support services can integrate into their activities. Radboud University, VITO and Wuppertal Institute together develop a customized TTT workshop to share their best practices on entrepreneurial activities in the circular economy. Each of the two focal regions, Kosice and Budapest, will then conduct workshops for their target group ranging from start-up firms with a focus on circular business models to established SMEs who would like to explore which possibilities the idea of a circular economy might hold for them.

<i>Project title:</i>	CROWDfunding to mainSTREAM innovation
<i>Acronym:</i>	CrowdStream
<i>Contract Number:</i>	<i>DTP1-1-006-1.1</i>
<i>Supported by:</i>	Interreg Danube Transnational Programme
<i>Local coordinator:</i>	Beáta Gavurová
<i>Associated Faculty:</i>	Mojmír Prídavok, František Janke, Miroslava Packová, Martin Dujčák, Libuša Révészová
<i>Duration:</i>	2017– 2019
<i>Website:</i>	http://www.interreg-danube.eu/approved-projects/crowdstream

Project description:

A major challenge for the sustainable economic & social development in the Danube region is the difficulty in accessing finance for small & micro enterprises.

Availability of bank loans for SMEs & spin-offs & social enterprises has since the beginning of the fin. crises declined by more than 25%, while collateral requirements have increased by 34%. SMEs still contribute more than half of total value added in non-financial economy & provided 80% of all new jobs. Lack of finance for small enterprises continues to have a negative impact on the innovative economy & the job market. Banks or public guarantee funds cannot solve this challenge. Current regulations such as Basel IV make it impossible for banks to finance risky innovative businesses. Even the EC identified this as a European Challenge and answers with strategies on alternative financing.

Thus, EUSDR Priority Axis coordinators nominated in April 2016 CrowdStream as a strategic project to address the challenges highlighted under PA 8 COMPETITIVENESS OF ENTERPRISES & PA 10 STEP UP INSTITUTIONAL CAPACITY.

CrowdStream`s main objective is to improve the effectiveness of public/private business-support for innovative spin-offs & social enterprises to access qualitative alternative financing (crowdfunding). The CrowdStream project will initiate a change in the financing market. Due to quality labelling and capacity building activities there will be a major shift from donation based to equity based crowdfunding.



<i>Project title:</i>	High-performance Computing for Effective Innovation in the Danube Region
<i>Acronym:</i>	InnoHPC
<i>Contract Number:</i>	<i>DTP1-1-260-1.1</i>
<i>Supported by:</i>	Interreg Danube Transnational Programme
<i>Local coordinator:</i>	Beáta Gavurová
<i>Associated Faculty:</i>	Mojmír Prídavok, František Janke, Miroslava Packová, Martin Dujčák, Jozef Bucko
<i>Duration:</i>	2017– 2019
<i>Website:</i>	http://www.interreg-danube.eu/approved-projects/innohpc

Project description:

High performance computing (HPC) is an emerging general-purpose technology. It can improve framework conditions for innovations by drastically increasing effectiveness of innovations and reducing product development time. However, while most advanced HPC infrastructure and knowledge are located in well-off western parts of the Danube region, enterprises – especially SMEs – from its eastern parts have limited access and competencies. Transnational cooperation in the region is limited, which is further hindering innovation. The main objective of InnoHPC is to create transnational HPC laboratory for co-designing knowledge-intensive innovative products with high value-added in transnational value-chains. Key outputs are transnational InnoHPC Lab pooling regional HPC infrastructure and competencies, web platform providing HPC access, integrated services and capacity building tools, and sustainability toolkit, to support durability of InnoHPC Lab beyond the project. To achieve them, InnoHPC will, first, conduct a focused regional HPC benchmark, second, design and create a transnational InnoHPC Lab, third, develop HPC web platform providing HPC access and capacity-building tools and finally, pilot-test InnoHPC Lab and the platform with two pilots with SMEs in electronic and automotive sectors. InnoHPC targets SMEs and clusters, providing the opportunity to increase efficiency of innovations and join transnational value-chains in the Danube region. Higher education and research institutions with HPC will get access to exciting real-life cases and opportunities to exploit their entrepreneurial potential. Policy-makers and business support organizations will receive a valuable institutional support for their policies and initiatives. InnoHPC project is a pioneering effort to improve framework conditions for innovation by providing unique institutional and technological infrastructure, designed specifically to pool and exploit HPC infrastructure on a transnational level.



<i>Project title:</i>	Improving Capacities for Enhancing Territorial Attractiveness of the Danube Region
<i>Acronym:</i>	ATTRACTIVE DANUBE
<i>Contract Number:</i>	DTP1-1-270-4.1
<i>Supported by:</i>	Interreg Danube Transnational Programme
<i>Local coordinator:</i>	Beáta Gavurová
<i>Associated Faculty:</i>	Mojmír Prídavok, František Janke, Miroslava Packová, Martin Dujčák, Kristína Kočišová
<i>Duration:</i>	2017– 2019
<i>Website:</i>	http://www.interreg-danube.eu/approved-projects/attractive-danube

Project description:

Territorial attractiveness (TA) is reflected in the set of specific economic, environmental and social potentials of a territory which make it competitive in comparison to other territories. Through good governance, policies can maximise these potentials to increase attractiveness of the regions for residents, visitors and investors. The main challenge in the Danube Region is lack of capacities of target groups involved in development planning for more efficient and cooperative multilevel governance considering the needs of all stakeholders.

The main project objective is to strengthen multilevel and transnational governance and institutional capacities of policy planners involved in territorial development of the Danube Region, which will result in more harmonised governance system of the area. This will be achieved by firstly establishing a permanent common transnational platform for monitoring territorial attractiveness (CO-TAMP), 11 national platforms (TAMP), and Territorial attractiveness atlas. Secondly, we will implement an intensive capacity building programme for empowering multilevel public authorities and civil society in 11 countries related to development planning resulting in enhanced skills and knowledge. Finally, the policy integration process, including transnational workshops, policy recommendations and memorandum of understanding, will capitalise the results and assure the long-term impact and leverage effect in the society. By such innovative approach, combining the capacity building with user friendly web platforms on TA, the target groups will learn to identify and utilise territorial potentials of the Danube Region. Policy planners at all levels representing economic, environmental and social aspects, as well as civil society, business and academia, will be able to better respond to development trends and societal challenges in the region, shaping the territorial policies in order to create a more attractive Danube Region.



<i>Project title:</i>	Fostering Innovation in the Danube Region through Knowledge Engineering and IPR Management
<i>Acronym:</i>	KNOWING IPR
<i>Contract Number:</i>	DTP2-076-1.1
<i>Supported by:</i>	Interreg Danube Transnational Programme
<i>Local coordinator:</i>	Beáta Gavurová
<i>Associated Faculty:</i>	Mojmír Prídavok, František Janke, Miroslava Packová, Martin Dujčák
<i>Duration:</i>	2018 – 2021
<i>Website:</i>	http://www.interreg-danube.eu/approved-projects/knowing-ipr

Project description:

KnowING IPR will improve framework conditions for innovation in the Danube region by developing a transnational KnowING IPR platform, which will provide an open access tool for advanced intellectual property rights (IPR) analysis, and guidelines for improved and harmonized IPR policy framework across the Danube region. It will ensure broader and needs-based access to existing innovation and research results, to patents and to IPR knowledge and will encompass services and training for the management of IPR and for support to commercialization of research results and technology transfer.

<i>Project title:</i>	Strengthening social innovation and entrepreneurial spirit of secondary schools' students by using highly innovative Learning System
<i>Acronym:</i>	InnoSchool
<i>Contract Number:</i>	DTP2-021-1.2
<i>Supported by:</i>	Interreg Danube Transnational Programme
<i>Local coordinator:</i>	Beáta Gavurová
<i>Associated Faculty:</i>	Mojmír Prídavok, František Janke, Miroslava Packová, Martin Dujčák
<i>Duration:</i>	2018– 2021
<i>Website:</i>	http://www.interreg-danube.eu/approved-projects/innoschool

Project description:

InnoSchool tackles the need for system change to support weak entrepreneurial culture and low engagement to social innovation and entrepreneurship. Its general objective is to strengthen social innovation and entrepreneurial spirit of secondary schools' students by development and introduction of highly innovative Learning System. InnoSchool Learning System (ILS) will be developed by using intensive learning interaction among project partners and using inclusive design process involving policy bodies, secondary schools, territorial business supporting actors and organizations working in social services. Its main uniqueness lies in two main innovations introduced for adolescents of age 17-18 years – (1) introduction of serious game for online simulations joined with teacher lecturing/guiding sessions to maximize educational impact through experiential learning and (2) social media and interschool competition inclusion to boost attractiveness for students.



<i>Project title:</i>	Week of Innovative Regions in Europe 2017
<i>Acronym:</i>	WIRE2017
<i>Contract Number:</i>	775984, H2020
<i>Supported by:</i>	European Commission, H2020
<i>Project type:</i>	H2020-IBA-SEWP-WIRE-8-2017
<i>Coordinator:</i>	Radoslav Delina
<i>Associated Faculty:</i>	Radovan Dráb, Lenka Senderáková, Rajmund Mirdala, Jozef Bucko, Miriam Šebová
<i>Duration:</i>	2017 – 2018
<i>Website:</i>	www.wire2017.eu

Project description:

The purpose of this proposal was the organisation of the Week of Innovative Regions in Europe 2017 (WIRE VIII) conference in Kosice (Slovakia). The conference was held from 28 to 30 June 2017 after the Slovak Presidency of the Council of the European Union. The tasks in 2018 were focused on capitalisation of WIRE2017 results for further conferences and organisers and dissemination activities. In general, the objectives of WIRE VIII are as follows:

- Contributing substantially to maximising and understanding the societal impact of research, innovation and regional policy in digitalisation on regions and people
 - To support R&I ecosystem stakeholders (quadruple helix) in utilization of benefits from digitalisation and enhance trusted initiatives and policy formation for effective innovative and socially responsible regional development
 - To contribute to responsible creation of the future in H2020 and regional R&I
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<i>Project title:</i>	Utilizing Innovation Potential of Urban Ecosystems
<i>Acronym:</i>	URBAN INNO
<i>Supported by:</i>	INTERREG Central Europe
<i>Contract Number:</i>	C677
<i>Local coordinator:</i>	Beáta Gavurová
<i>Associated Faculty:</i>	Mojmír Prídavok, František Janke, Miroslava Packová, Martin Dujčák, Jozef Bucko, Dana Pařová.
<i>Duration:</i>	2016–2019

Project description:

URBAN INNO is addressing the challenge to make CE more innovative and competitive by maximising the innovation potential of smaller and medium sized urban ecosystems by two approaches – firstly, better linkage of actors in innovation systems by establishing and interlinking quadruple helix clusters/networks in the partner regions, and secondly by the development and implementation of new participatory methods and tools to engage end-users in innovation processes with the objective to have educated and motivated users – SMART USERS.

1.2 National R&D Projects

<i>Project title:</i>	Determinants of Digital Single Market development and implementation in the field of global supply chains and in relation to changes of behavior of participants on the market
<i>Supported by:</i>	Slovak Research and Development Agency
<i>Contract Number:</i>	APVV-16-0368
<i>Coordinator:</i>	Radoslav Delina
<i>Associated Faculty:</i>	Marek Gróf, Radovan Dráb, Rajmund Mirdala, Lenka Senderáková, Renáta Olejárová, Marek Macík
<i>Duration:</i>	2017 - 2019

Project description:

The main objective of the project is the identification and understanding the determinants of Digital Single Market development as new EC strategy for the area of actors cooperation on the market and its impact on digital business ecosystem evolution, stability and efficiency. The objective of this new strategy is the support of innovative e-services and business models development for the market and to identify real opportunities and strategies digital single market development support. Within the project, potential and determinants of standardisation, interoperability, trust, data economy and digital business platform implementation into global supply chains will be analyzed. It is necessary to identify strategies for effective implementation of real innovation and understand the impact and changes of behavior on the market (e.g. by higher transparency). Together, the concept of sharing (semi)sensitive business data will be analyzed and new sharing motivation model for sharing of business data on single digital infrastructure will be proposed. For the purpose of identification and analysis of the impact and behavioral changes, combination of empirical and experimental research will be performed. Empirical research will be based on large datawarehouse with data from real environment of e-supply chains. As an output, new strategies for real innovation of digital single market implementation and for policy support will be defined.

<i>Project title:</i>	Multidimensional analysis of significant determinants of public procurement efficiency with emphasis on the application of Health Technology Assessment in the procurement preparation phase
<i>Supported by:</i>	Slovak Research and Development Agency
<i>Contract Number:</i>	APVV-17-0360
<i>Coordinator:</i>	Beáta Gavurová
<i>Associated Faculty:</i>	František Janke, Mojmír Prídavok, Miroslava Packová, Martin Dujčák, Ivana Perželová.
<i>Duration:</i>	2018 - 2021

Project description:

Effective public procurement as an important part of the economy is a challenge for every state, every public entity in transferring the finances from public to private sector. There are currently several studies aimed at efficiency of the procurement processes of different goods and services at the level of the economy, industry or contracting authorities. One of the key sectors (in and out of the SR), which has been the subject of analyses of procurement efficiency in recent years, is healthcare, which has long been faced with criticism of inefficient public procurement. In spite of that many non-governmental organizations (in particular Transparency International Slovakia)

point to the ineffectiveness of public procurement in Slovakia, there is no available and functional methodology for optimisation of settings and evaluation of the efficiency of public procurement. Following this, the submitted project will focus on the analysis of public procurement in the health sector in the Slovak Republic and the subsequent development of a set of measures to increase efficiency in public procurement, focusing on the stage of public procurement preparation that has significant impact on the public procurement outcomes. The excellence and originality of our research lies in a comprehensive understanding of public procurement issues, within which we deal with the application of innovative approaches to quantify the impact of the subject specification on significant aspects of healthcare (eg treatment efficiency, costeffectiveness and security aspects). This process includes optimisation of the procurement settings and the subsequent evaluation of the effectiveness of public procurement in order to achieve the best value for money.

Project title: **Research of the issue of Online Reputation Management (ORM) of subjects from automotive industry**

Supported by: Slovak Research and Development Agency

Contract Number: APVV-15-0511

Coordinator: Radoslav Delina

Associated Faculty: Radovan Dráb

Duration: 2016 - 2019

Project description:

The aim of the project is to carry out a comprehensive research on new and up-to-date phenomenon of proactive online reputation management of entities operating in the automotive sector in this turbulent hyperinformative and hyper-competitive age. The proposed project will be carried out as a basic research whose main objective is to extend the theoretical knowledge on the subject. The research will make use of relevant qualitative and quantitative processing methods and these will subsequently serve as a basis for developing a methodology for comprehensive and effective measures and also for improving the platforms of active online reputation management of selected entities on the Slovak market and also on the EU reference markets.

Project title: **The economic model of the electronic spectrum markets
Theoretical Economic Model for Future Real Time Spectrum Markets**

Supported by: Slovak Research and Development Agency

Contract Number: APVV 15-0358

Coordinator: Vladimír Gazda

Associated Faculty: Tomáš Sabol, Peter Tóth, Martin Zoričák, Juraj Gazda, Peter Drotár, Gabriel Bugár, Dušan Kocur, Július Horváth, Marcel Vološin, Jana Zausinova

Duration: 2016 - 2018

Project description:

The instantaneous communication in the human society is currently realized mostly over the wireless communication channels. Frequency spectrum is the medium for the information transfer and thus, is extremely utilized. Based on that, it is fundamental to come up with the new technological and economical strategies that would improve the spectrum effectivity utilization and distribution. Spectrum trading and distribution among the network participants will have in the future highly dynamic character and therefore the economical/technological

implementation would need to be able to cover the system dynamics. When dealing with the spectrum trading (e.g. market mechanism) we will be able to formulate several economical views, directly impacting the spectrum trading effectivity. The detailed study of the monopoly, oligopoly and the perfect/imperfect competition among the trading participants will be the core part of our research. Interaction among the spectrum trading participants will be handled by the spectrum auctions realized in the real-time. In order to be able to capture the high dynamics of the real-time spectrum market, we will use the agent based modelling of the system, previously successfully applied in other scientific areas (e.g. physics, sociology, etc.). The effectivity of the agent based economy models will be verified using the scenarios reflecting the conditions, in which the real-time spectrum trading markets will be operating in the future.

Project title: **Universities and economic development of regions**
Supported by: Slovak Research and Development Agency
Contract Number: APVV-014-0512
Coordinator: Oto Hudec
Associated Faculty: Iveta Korobaničová, Slávka Klasová, Nataša Urbančíková, Miriam Šebová, Peter Džupka, Žofia Sinčáková
Duration: 2015–2018

Project description:

Universities are considered to be the driving force of economic development and their impact is concentrated mainly in the regions where they are located. The project focuses on the study of the economic importance of universities for the development of regions from four different perspectives. The short-term regional economic impact was quantified using an I-O analysis. The long-term impact of universities on business development and human capital in the host region was researched as well. Specifically, the impact of universities on the development of innovative business through the creation of university spin-off companies was pointed out. Project also addresses the efficiency and effectiveness of regional development policies through support of universities.

Project title: **Development of methodological platform for evaluation of efficiency in the financial and non-financial sector**
Supported by: Ministry of Education, Science, Research and Sport of the SR
Contract Number: VEGA - 1/0794/18
Coordinator: Kristína Kočíšová
Associated Faculty: Radovan Dráb, Alena Mojsejová, Peter Šugerek, Jakub Sopko
Duration: 2018-2020

Project description:

The proposed project fills the gap in current empirical literature focused on the evaluation of the efficiency in the financial and non-financial sector, based on the application of „new“ DEA models. The research will be carried out in several areas. Firstly, the existing theoretical concepts of efficiency assessment in the financial and non-financial sector and ways of defining input and output variables will be studied, focusing on examining the shortcomings of the original DEA models. Secondly, the „new“ DEA models will be theoretically defined to address the shortcomings found in the original DEA models. Thirdly, the efficiency will be evaluated on the selected sample, which will serve to apply the above models in practice. Last but not least, a methodological platform for evaluating efficiency based on the use of the R software will be

developed. A manual of scripts will be developed with a detail description of the used methods, which will serve to solve the research tasks for researchers and students.

<i>Project title:</i>	Economic Implications and Perspectives of the Participation of the Slovak Republic in the Process of Production Activities Fragmentation within Global Value Chains
<i>Supported by:</i>	Ministry of Education, Science, Research and Sport of the SR
<i>Contract Number:</i>	VEGA 1/0961/16
<i>Coordinator:</i>	Rajmund Mirdala
<i>Associated Faculty:</i>	Ľudmila Bartóková, Julia Ďurčová, Gabriela Koľveková, Peter Kuzmišín (2016-2017), Olga Nosáľová, Daniela Palaščáková, Daniela Petriková (2016-2017), Manuela Raisová, Tatiana Soroková, Martin Kameník, Anna Ruščáková (2016-2017), Jozefína Semančíková (2016-2017).
<i>Duration:</i>	2016-2018

Project description:

Long-term structural changes in the world economy, as a natural consequence of globalization and internationalization of economic events, are considered as primary factors of international fragmentation of production activities. Considering the shortcomings of the traditional approaches to the evaluation of countries' participation on the process of the international labour division, the project will be focused on the analysis of the substantial features of the formation of added value regarding the sector levels in SR in terms of international fragmentation of production activities employing input-output tables. Results of the analysis support the wider economic relations of the SR participation in the global value chain (GVC). Based on the key findings we suggest the economic and political recommendations that intensify structural changes that increase positive macroeconomic and microeconomic effects derived from the active participation of SR in GVC.

<i>Project title:</i>	Evaluation of the efficiency of public procurement of selected commodities in healthcare facilities in the Slovak Republic
<i>Supported by:</i>	Ministry of Education, Science, Research and Sport of the SR
<i>Contract Number:</i>	VEGA 1/0846/18
<i>Coordinator:</i>	Beáta Gavurová
<i>Associated Faculty:</i>	František Janke; Mojmír Prídavok; Miroslava Packová; Martin Dujčák; Andrea Tkáčová; Viliam Kováč; Libuša Réveszová
<i>Duration:</i>	2018 – 2019

Project description:

The project is aimed at analyzing the effectiveness of public procurement (PP) in health care in the SR and the subsequent creation of a rule metric for effective PP of various commodities in the field of providing healthcare. Many healthcare facilities are inefficient, which is due to the lack of information on comparative offers or the lack of a PP methodology or an assessment of its effectiveness. Healthcare is one of the key sectors of the state – as we can see in the SR also a long-term inefficient sector. The aim of the project is therefore to define benchmarks and "efficiency" ranges for procured commodities that can be used to decide on the convenience of commodity purchase prices. The second objective of the project, based on the analysis of PP conditions, is to set optimal rules for the setting up of leaked PP for individual

commodities in a non-discriminatory and transparent manner, resulting in increased interest in the contract and, ultimately, increased competition and reduced purchasing prices.

Project title: **Income Stratification and Polarization Perspective of Slovakia until 2030**
Supported by: Ministry of Education, Science, Research and Sport of the SR
Contract Number: VEGA - 2/0026/15
Coordinator: Iveta Pauhofová
Associated Faculty: Tomáš Želinský, Daniela Petříková, Tatiana Soroková, Alena Mojsejová
Duration: 2015-2018

Project description:

Research of income stratification allows to identify space for consumption as a contribution to economic growth in domestic demand. Crisis after 2008 caused an increase in income inequalities not only among the EU countries, but also within the countries. The goal of the project is to identify income stratification of the population and the context of its development: from the perspective of development of macroeconomic framework for identification of options space for consumption (the contribution of domestic demand to economic growth), with regard to the labor market, long-term unemployment.

Project title: **Indebtedness of local municipalities of Slovakia, the Czech Republic and Hungary and its impact on financing of public services**
Supported by: Ministry of Education, Science, Research and Sport of the SR
Contract Number: VEGA - 1/0559/16
Coordinator: Lenka Maličková
Associated Faculty: Veronika Šulíková, Lenka Hudáková Stašová, Radoslav Bajus, Leoš Šafár
Duration: 2016-2018

Project description:

The aim of the project is to analyse the influence of indebtedness of local municipalities on financing of chosen public services in Slovakia, the Czech Republic and Hungary, and to propose the measurements in income and expenditure budgetary items. The outcome of proposals will be more effective economic performance of local municipalities with emphasis on lowering the indebtedness level.



<i>Project title:</i>	Measuring and Reporting Intangible Assets
<i>Supported by:</i>	Ministry of Education, Science, Research and Sport of the SR
<i>Contract Number:</i>	VEGA - 1/0311/17
<i>Coordinator:</i>	Jozef Glova
<i>Associated Faculty:</i>	Alena Andrejovská, Anna Bánociová, Darya Dancáková, Silvia Mrázková, Veronika Puliková, Martina Regásková, Ján Buleca
<i>Duration:</i>	2017-2018

Project description:

This project aims to explore value creation through intangibles within Europe, taking into consideration investment in the research and development as well as intangible fixed assets. Authors discussed and elaborated theoretical models and empirically tested the assumption that there is a positive relationship between the intensity of R&D expenditures as well as investment in intangible assets to total assets in comparison with the increase in relation to other regressors. The authors used different econometrical models and proofed a positive impact of the proportion of R&D expenditures on total assets on firm value. It is proved that internal or own research and development is evaluated by the market. However, the strategy of externally acquiring intangible assets instead of their development is evaluated by the market negatively. This work contributes primarily to the field of corporate finance and financial management in companies that use intangibles.

<i>Project title:</i>	Perspectives of „GPP“ (Green Public Procurement) in public procurement at regional and local level
<i>Supported by:</i>	Ministry of Education, Science, Research and Sport of the SR
<i>Contract Number:</i>	VEGA - 1/0750/17
<i>Coordinator:</i>	Tomáš Malatínek
<i>Associated Faculty:</i>	Slávka Klasová, Miriam Šebová
<i>Duration:</i>	2017-2019

Project description:

Green public procurement (GPP) is a process in public procurement whereby public authorities seek to procure goods, services and works with a reduced environmental impact throughout their life cycle when compared to goods, services and works with the same primary function that would otherwise be procured. Environmental criteria are involved in “green” purchasing. GPP has direct environmental benefits, it is supporting innovation and contributing to specific municipal and regional policy goals. The concept of GPP is promoted by the European Commission. Scientific aim of the project consists of evaluation of the GPP perspectives in local and regional practice with regards to the Europeanization of public procurement legislative framework. Based on the results, current state of the GPP in practice at local and regional level can be evaluated both in the phase of voluntarity and in the case of GPP vision de lege ferenda.

Project title: **Analysis of models of public services delivery in the field of construction order performance from the aspect of technical, size, and spatial allocation efficiency of local governments**

Supported by: Ministry of Education, Science, Research and Sport of the SR

Contract Number: VEGA - 1/0190/17

Coordinator: Peter Fandel (SUA Nitra)

Associated Faculty: Tomáš Malatíneć

Duration: 2017-2019

Project description:

Currently, the performance of the competencies in the field of construction order is performed by two models: (1) competent municipal office, for the cases when competence is performed for the citizens of one municipality, (2) joint construction office, for the cases when the performance of the competence is realized for more than one associated municipality. The cooperation aiming to establishment of the joint municipal office, in accordance with the § 20a of the Act No 369/1990 Coll. on municipal establishment, as amended, is motivated by the effort to increase the efficiency and decrease the costs for services' delivery. The results of the partial research realized by the applicants of this project as well as economic literature in this field are not unambiguous. The aim of the project is to analyze the impact of the establishment of the joint municipal offices on the efficiency of the services' delivery, by the indicator: technical efficiency. This indicator serves as indicator of total efficiency, scale efficiency, as indicator of optimal scope office for achieving maximal productivity, size efficiency as indicator of potential for associating the offices and optimal spatial allocation of joint offices as a potential for improving the efficiency from the point of view of serviced population.

Project title: **The socioeconomic valuation and measurement of economic efficiency of cultural institutions focused on museums and galleries in Slovakia**

Supported by: Ministry of Education, Science, Research and Sport of the SR

Contract Number: VEGA - 1/0806/18

Coordinator: Miriam Šebová

Associated Faculty: Iveta Korobanićová, Peter Džupka, Slávka Klasová, Erika Liptáková, Zuzana Révészová, Tatiana Soroková

Duration: 2018-2020

Project description:

The main objective of the project is to analyse the socio-economic contributions of culture, to evaluate the economic efficiency of museums and art galleries and to formulate the methodology for their assessment. The project will be organised at various stages. The first stage will focus on case studies concerning the evaluation of socio-economic contributions of selected museums and art galleries by employing the methods of valuating nonmarketable goods (e.g. WTP). The economic efficiency of museums and art galleries located in the Slovak republic will be analysed by DEA analysis during the second stage. The third stage will be based on the questionnaire outputs gathered by museums and galleries visitors. Combining the above-mentioned approaches the input data will be obtained in order to create the methodology related to the assessment of socio-economic efficiency of museums and art galleries in Slovakia.



1.3 International Educational and other Projects

<i>Project title:</i>	EU Public Procurement
<i>Acronym:</i>	EUPP
<i>Supported by:</i>	European Commission – Erasmus+
<i>Contract Number:</i>	600477-EPP-1-2018-1-SK-EPPJMO-MODULE
<i>Coordinator:</i>	Tomáš Malatínec
<i>Duration:</i>	2018-2021

Project description:

The Module **EU Public Procurement** contains teaching and research activities focused on EU public procurement. Academic added value stems from introduction of special content focusing on legal, administrative, economic and environmental aspects of EU public procurement policy into economic study programs. The module is designed for students who are not directly connected to the EU integration studies. The module strives to prepare professionals skilled in EU public procurement by providing professional education and research. Outputs will be available for anyone who might be interested. The module also promotes first teaching and research activities in the field of EU integration studies for young teacher/researcher. The module delivers tailor-made course on specific EU topic relevant for students and practitioners in their professional life.

<i>Project title:</i>	Return on Investment of Work Based learning and Apprenticeships
<i>Acronym:</i>	ROI
<i>Supported by:</i>	European Commission – Erasmus+
<i>Contract Number:</i>	2017-1-SK01-KA202-035375
<i>Coordinator:</i>	Nataša Urbančíková
<i>Associated Faculty:</i>	Oto Hudec, Jozef Bl'anda
<i>Duration:</i>	2017-2019

Project description:

“Rol of WBL and apprenticeships” project suggests the development of a return on investment (Rol) model and digital tool that will allow European SMEs to calculate and visualise how investment on WBL and apprenticeships can manifest to multiple benefits.

The innovative force of the project is the focus of its model to SMEs needs as well as the integration in the model and the digital tool of both SMEs-related benefits as well as society-related ones in order to clearly demonstrate the multilevel outcomes derived from work-based learning & apprenticeship practices.

The general objectives of the project are:

- make apparent the benefits of WBL and apprenticeships at the level of individual SMEs and the society.
- promote WBL and apprenticeships by motivating the engagement of SMEs.

The direct target groups are SME's entrepreneurs, managers and staff as well as VET providers (vocational training centres, professional schools, employment centres) that cooperate with SMEs for the provision of WBL and apprenticeships.

At second level, it targets VET stakeholders and policy makers, national representatives of European networks as well as VET practitioners and experts.

The main results of the project are:

- A model for the calculation of RoI of WBL and apprenticeships by SMEs
- A digital online tool that will demonstrate in visual way the RoI model
- A Good Practices Guide addressed to SMEs, giving guidance on how to design, implement and monitor profitable apprenticeship practices which can benefit the enterprise, the apprentice and the entire society.
- Creation and promotion of an apprenticeship-friendly SMEs badge to increase the engagement of companies in the provision of WBL.
- Promotion of VET – SMEs cooperation, through experimentation and validation of the RoI model.

<i>Project title:</i>	Education for Local Development of Rural Areas
<i>Acronym:</i>	ELDORA
<i>Supported by:</i>	European Commission – Erasmus+
<i>Contract Number:</i>	2017-1-SK01-KA202-035388
<i>Local Coordinator:</i>	Nataša Urbančíková
<i>Associated Faculty:</i>	Oto Hudec, Jozef Blánda
<i>Duration:</i>	2017-2019

Project description

The aim of the project is to strengthen the key competences and skills of young people at their final year at schools (VET institutions and universities), unemployed young people and leaders in rural areas to help them start a social enterprise in order to better utilize local natural and human resources, to increase economic development of rural areas and to prevent brain drain. In “European employment strategy” strong support to entrepreneurship and self-employment is given with special focus on **social entrepreneurs**. Intellectual outputs cover Handbook *How to Establish and Manage Social Enterprises* and best practices collection, Teaching plan and teaching material for training series and e-learning videos and Gamification.

<i>Project title:</i>	Tracking Learning and Career Paths of VET graduates, to improve quality of VET provision
<i>Acronym:</i>	ON TRACK
<i>Supported by:</i>	European Commission – Erasmus+
<i>Contract Number:</i>	2018-1-SK01-KA202-046331
<i>Coordinator:</i>	Oto Hudec
<i>Associated Faculty:</i>	Nataša Urbančíková
<i>Duration:</i>	2018-2020

Project description

The project “On Track” aims to develop a tracking system for VET graduates of initial vocational education and training schools and institutes. The tracking system will gather qualitative and quantitative data from VET graduates, related to further education, employment, career paths, skills and competences required in the labour market, etc, with the aim to provide feedback to the quality assurance system of the VET provider and inputs to the design of VET qualifications and programmes, planning and implementation of learning processes, additional services, such as vocational guidance, support to VET students, networking with labour market, provision of work-based learning.



<i>Project title:</i>	Reforming Master Programmes in Finance in Armenia and Moldova
<i>Acronym:</i>	REFINE
<i>Supported by:</i>	European Commission – Erasmus+
<i>Contract Number:</i>	585784-EPP-1-2017-1-AT-EPPKA2-CBHE-JP
<i>Local Coordinator:</i>	Nataša Urbančíková
<i>Associated Faculty:</i>	Oto Hudec, Vladimír Gazda, Jozef Glova, Radoslav Tušan, Peter Džupka
<i>Duration:</i>	2017-2020

Project description

REFINE addresses the need for reform of study programmes in Finance with regard to contents and teaching methodologies / pedagogical approaches. Moreover, it addresses the demand for alignment of study programmes with labour market demands to provide the Armenian and Moldovan economies with highly skilled graduates in Finance.

Against this background the wider objective of REFINE is to enhance the quality and relevance of six existing Master (MA) programmes in Finance in Armenia and Moldova through targeted reforms.

The specific objectives are:

1. To reform six existing MA curricula in Finance taking into account the latest international developments in the subject area
 2. To promote the quality and relevance of the MA programmes through the development of updated and new course materials
 3. To further develop the competences and skills of teaching staff through training courses in innovative teaching methodologies and current topics in Finance
 4. To increase the alignment of the MA programmes with labour market requirements
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<i>Project title:</i>	Establishment of Capacity Building Centers as a Sustainable Solution to Raise the Standards of Teaching Staff in Indian HEI's
<i>Acronym:</i>	CABCIN
<i>Supported by:</i>	European Commission – Erasmus+
<i>Contract Number:</i>	573616-EPP-1-2016-1-PL-EPPKA2-CBHE-JP
<i>Local Coordinator:</i>	Michal Šoltés
<i>Associated Faculty:</i>	Marianna Siničáková, Ján Buleca
<i>Duration:</i>	2016-2019

Project description:

The overall objective, to which the project will contribute is to strengthen the capacity and quality of teaching at partner HEI's in India by the establishment of their own educational centers. The target goal of establishing the Capacity Building Centers is to offer an initial and continuous training for current and future university teachers with focus on pedagogical skills with ICT use. This will be done through preparing selected staff to conduct high-quality and innovative face-to-face, as well as elearning courses, deliver feedback and resources to make excellent teaching possible.

Specific Project Objectives are:

- To create campuswide teaching culture by establishment the Capacity Building Centers with open and flexible access to its e-learning resources



- To build own capacity by preparing selected staff towards delivering trainings for academics
 - To develop map of key teaching competencies in order to design tailor-made courses for current and future university teaching staff
 - To develop key self-regulation and self-managing competencies for teaching staff in order to overcome the obstacles that they face during the teaching process by preparing teaching programs with focus on pedagogical skill
 - To enlarge number of trained staff by implementing innovative blended courses with ICT use
 - To create possibility of applying gained skills and building international teaching and research networks by developing European Visiting Program
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<i>Project title:</i>	Recovery the Crisis through Entrepreneurial Attitude
<i>Acronym:</i>	RECREATE
<i>Supported by:</i>	European Commission – Erasmus+
<i>Contract Number:</i>	2017-1-PL01-KA203-038438
<i>Local Coordinator:</i>	Peter Džupka
<i>Associated Faculty:</i>	Radovan Dráb, Iveta Korobaničová, Slávka Klasová, Tomáš Malatinec, Miriam Šebová, Nataša Urbančíková, Oto Hudec, Dana Pařová, Martin Vejačka, Tomáš Štofa
<i>Duration:</i>	2017-2019

Project description

REcovery the CRisis through Entrepreneurial ATtitude - RECREATE - aims to address:

- the creation of links between higher education, research and business especially at regional level
- the acquisition of transversal and entrepreneurial attitude among young researchers and students, in order to contribute to recovery of the current economic crisis.

Furthermore, RECREATE aims to stimulate the acquisition of key competences, such as creativity and digital skills through innovative learning environments such as open educational resources, and flexible learning approaches.

Specific objectives of the project are:

- To develop an innovative e-learning package adapted to the needs and requirements listed by the European Commission and other important studies to face the challenges of Europe 2020 Strategy, in particular for what concern innovation and the development of T shaped skills.
- To develop educational games, simulation and interactive tools: the goal is to develop an experimental product, also in terms of educational methods, tools and practice
- To test and evaluate (and amend if necessary) the e-learning package according to the results of the pilot conducted in 5 EU countries
- To disseminate the the e-learning package in the project partner countries and to prepare for its further exploitation especially within Universities, Research centres, Incubators, Innovation Centres, etc.

The training programme will allow researchers, students and young graduates in the partner countries to become more entrepreneurial and acquire new skills and qualifications. After attending the training they will know how to start their own knowledge based business and/ or commercialise research results.



<i>Project title:</i>	Reinforce entrepreneurial and digital skills of students and teachers to enhance the modernization of higher education in MOLDOVA
<i>Acronym:</i>	RESTART
<i>Supported by:</i>	European Commission – Erasmus+
<i>Contract Number:</i>	585353-EPP- 1-2017- 1-RO- EPPKA2-CBHE- JP
<i>Local Coordinator:</i>	Peter Džupka
<i>Associated Faculty:</i>	Radovan Dráb, Iveta Korobaničová, Slávka Klasová, Tomáš Malatinec, Miriam Šebová, Nataša Urbančíková, Oto Hudec, Dana Pařová, Martin Vejačka, Tomáš Štofa
<i>Duration:</i>	2017-2020

Project description

Wider objective of the Restart project is to ensure modernization of curricula of 5 Higher education Institutions from Moldavia through developing, testing, and adaptation of improved and upgraded Entrepreneurial Curriculum (master level) that stimulate innovation skills of students and teachers toward a stronger local business capacity.

<i>Project title</i>	Head in the Clouds: Digital Learning to Overcome School Failure
<i>Acronym:</i>	CloudLearning
<i>Supported by:</i>	European Commission – Erasmus+
<i>Contract Number:</i>	2015-1-AT01-KA201-005024
<i>Local Coordinator:</i>	Tomáš Želinský
<i>Associated Faculty:</i>	Tomáš Sabol, Pavol Pekarčík, Dana Pařová, Ľubica Štiblárová, Silvia Mrázková, Marek Il'ko
<i>Duration:</i>	2016-2018

Project description:

This Erasmus+ project deals with the prevention of early school leaving, the development of basic and transversal skills and the enhancement of digital education in the context of minorities, mainly Roma. Educational disadvantages and exclusion lead to lacking integration in the labour market and exclusion from society in general, which is a vicious circle in minority communities this project wishes to break.

In three locations in Slovakia, Romania and Kosovo the project implements an innovative educational approach to tackle the issue with more than 100 participating children and youth. In their afterschool and youth programmes teachers and youth workers use specifically designed learning materials to engage students and youth in their own learning process. The chosen *MINIMAX approach* (aiming at minimal teacher invasion and maximum learner autonomy) was originally inspired by the *Self-organized Learning Environments (SOLE) approach*, a widely recognized alternative educational method that supports an individual learning process according to a student's abilities, needs and interests as well as the *Constructionist learning theory*.

The project started with a needs-assessment to tailor the educational materials to the local contexts and needs. Mentors and youth workers were given the opportunity to experience the accordingly developed tools and materials in the framework of special trainings and subsequently implemented the same with the target groups and evaluated them. The team observes the changes in learning disparities, school attendance, school leaving, pursuit of careers and rise in transversal skills like digital competences. Based on the evaluation tools and materials will be improved and again trained to teachers and youth workers. After the three years the partners working with the target groups directly will continue their implementation of the methods, tools and materials – learning with their children and youth in the clouds.



<i>Project title:</i>	SMART COMMUNITIES - Virtual Education and Research and Development and Innovation Network in Slovakian- Hungarian border region
<i>Acronym:</i>	SMART COMMUNITIES
<i>Supported by:</i>	INTERREG SK-HU
<i>Contract Number:</i>	SKHU/1601/41/210
<i>Local Coordinator:</i>	Nataša Urbančíková
<i>Associated Faculty:</i>	Oto Hudec
<i>Duration:</i>	2017-2019

Project description

The target area could be characterised as 'the periphery of the periphery' with continuously worsening economic and social county and micro-regional level indicators (eg.: GDP, (un)employment, migration, shrinking communities, inefficient use of natural resources, education level, value-added,...) despite former, traditional rural development interventions.

The overall objective of the project is significant contribution to enhanced intellectual property in the disadvantaged cross-border area of Southern Slovakia and Northern Hungary with the establishment and dissemination of innovative cooperation structures as a practical implementation of soci(et)al innovation.

In the framework of the project we aim to build a network of civil partners, educational and research institutions and organize and implement joint professional programs, trainings and mentoring schemes with the participation of the target group, as local population from early childhood to pensioners including a high number of socially marginalised people.

The main outputs are the establishment of sustainable cooperation structures as (1) Virtual Education and RDI Network (VERDI-NET) and (2) a Smart ICT Competence Centre. As a result, the project could provide real, practical alternatives for the target group that is the socially marginalised inhabitants of the border region.

Our concept is that the area can break out from its lock-in situation through activities based on endogenous development and smart communities instead of intensive industry settlement. Priority sectors of the project are education and R&D&I with thematic focus on (1) sustainability and (2) info-communication technologies. Cross-border approach is needed because acting on national/regional/local level could only further increase regional disparities and inequalities that is clearly not an objective neither at policy, nor at project level.



<i>Project title:</i>	Managing Migration and Diversity through Local Government Capacity Building
<i>Acronym:</i>	MAMIDI
<i>Contract Number:</i>	2016-1-SK01-KA204-022518
<i>Supported by:</i>	European Commission
<i>Local Coordinator:</i>	Nataša Urbančíková
<i>Associated Faculty:</i>	Tomáš Malatínek
<i>Duration:</i>	2016-2018

Project description:

The MAMIDI project aims to build capacity of LG in order to be better prepared for the changes coming from present challenges of EU. The capacity will be enhanced by two main tools:

- Preparation and pilot run of the training for local government.
- Roadmap for managing migration and diversity for local government.

During the first project year the analyses in partner country in the area of migration and diversity have been carried out and the training materials have been elaborated. The multi-disciplinary design of the course enables to train local government to be all round experts that are able to analyse and assess migration and diversity from multiple angles and work on these issues in diverse settings. This design also manifests in the structure of the various disciplines and provides a unique combination of expertise within a single course. The sociology track focuses specifically on the analysis of migration and integration processes and the societal implications of these processes. The public policy track focuses specifically on public policymaking and the broader political implications of migration and diversity.

<i>Project title:</i>	Occupational Safety and Risk Control in Construction and Metal Industry Sectors
<i>Acronym:</i>	OccU.S.feInCMIS
<i>Contract Number:</i>	2016-1-TR01-KA202-034976
<i>Supported by:</i>	European Commission
<i>Local Coordinator:</i>	Nataša Urbančíková
<i>Associated Faculty:</i>	Oto Hudec
<i>Duration:</i>	2016-2018

Project description:

A vocational education module was developed for the metal sector students in order to increase their knowledge and awareness about occupational health and safety. Training skilled labor is one of the essential necessities of such global economy where knowledge and information technology is gaining more and more importance. Investing in labor force is the defining factor to enhance international competitiveness. Another instrument to increase occupational health and safety awareness shall be conducted through formal and non-formal education. A web portal was developed in order to facilitate vocational education. A mobile version will also be added to the system so that users could access the portal via smartphones which could also increase the utility to maximum level. Moreover, best practices handbook will be prepared and thanks to this experiences and contribution to capacity development of workers, employers and students shall be enhanced. In addition, Glossary on Risk Terminology will be prepared so that the students of metal sector, employers and workers in construction sector could clearly apprehend the concepts and employ the knowledge in practice about occupational health and safety.



<i>Project title:</i>	Regions in Europe Coordinate and Optimize innovation and competitiveness policy instruments towards improving the sustainability of transport - study case of SMEs in the railway sector
<i>Acronym:</i>	RECORD
<i>Contract Number:</i>	PGI05377
<i>Supported by:</i>	European Commission
<i>Local Coordinator:</i>	Beáta Gavurová
<i>Associated Faculty:</i>	Mojmír Prídavok, Miroslava Packová
<i>Duration:</i>	2018-2020

Project description:

Europe has always been a step ahead regarding sustainable transport mode in comparison with the rest of the world and Europe has developed valuable expertise and innovation in the railway sector. That is why, railway is identified in many RIS3. However due to a fierce competition in particular from emerging industries, the whole sector and especially SME are facing big challenges regarding their competitiveness (price based vs. innovation based competitiveness). To tackle this challenge, regions with the help of the EC, put efforts to encourage R&I joint activities (triple helix concept) by offering innovation delivery support in the ERDF OP (direct fundings, cluster policy...). Other initiatives have been launched towards the railway sector but it has been pointed out that SME have specific issues due to the way public transport works, the specificities of its value chain and its market structure (few big companies with thousands of SMEs, few profit margin, low innovation culture, etc.). Taking this into consideration, the RECORD project aims at helping SME to invest more and better in innovation activities by redesigning the regional policy instruments. To do so, we plan individual work to be compared with partnering regions and analyzed. Benchmark and brainstorming sessions with local stakeholders will help draw proven oriented conclusions and develop new approaches together. To have comparability and to be able to share experiences and learn from each other, it is key to admit regional policy structure, industrial environment and clusters differences. Stakeholders engagement in this project is very important as it will be the first time managing authorities, clusters, businesses, universities, other funding organizations, regions etc. are working together early in the political process in the railway sector. This lends credibility and builds solid foundation to develop a framework that will be accepted for implementation.

1.4 National educational projects and Developmental activities

<i>Project title:</i>	Preparation of new capacities for European Structural and Investments Funds
<i>Acronym:</i>	ESIF
<i>Supported by:</i>	Deputy Prime Minister's Office for Investments and Informatization of the Slovak Republic
<i>Local Coordinator:</i>	Peter Džupka
<i>Associated Faculty:</i>	Nataša Urbančíková, Oto Hudec
<i>Duration:</i>	2017-2018

Project description

The main aim of the project is to develop new master course of the students - Management of ESIF program and projects. The course will be offered to students with active participation of professionals from different public organizations responsible for implementation of ESIF projects. Course will offer short internship programs at Ministry offices for students to obtain practical experiences.

<i>Project Title:</i>	Management System for Quality, Efficiency and Economic Effectiveness at the Faculty of Economics (QMS-EkF)
<i>Project manager:</i>	Radoslav Bajus

Aims:

1. Quality management system in line with STN EN ISO 9001:2016.
2. Management of quality, efficiency and effectiveness according to the EFQM excellence model for universities.

Expected outcomes:

1. Implementation of the Quality Management System in accordance with STN EN ISO 9001:2016.
2. Self-evaluation and performance management based on the European Foundation for Quality Management – EFQM Excellence Model.
3. To achieve Performance Competitiveness based on the Six Sigma model as used in the European Union.

Activities carried out in 2016

1. Internal re-certification audit provided by TUV NORD Slovakia, s.r.o.
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<i>Project Title:</i>	Preparation and Delivery of the Mathematics Course
<i>Project manager:</i>	Libuša Révészová
<i>Project implementation period:</i>	February 2018 – March 2018

The aim of the project: Preparation and delivery of Course on Mathematics for applicants for the study at the Faculty of Economics. Expected outcomes: Providing a good preparation for entry exams for applicants for the study at the Faculty of Economics and promotion of the Faculty of Economics.



Project Title: **Preparation and Realisation of the Distance Learning Bachelor and Master Courses in the area of Finance, Banking and Investment and Public Administration and Regional Development**

Project manager: Dana Pařová

- The aim of the project: Implementation and delivery of distance on-line bachelor and master courses at the Faculty of Economics.
 - Project milestones:
 - Retraining of teaching staff interested in the project,
 - Preparation of on-line courses content for bachelor and master study programmes, Finance, Banking and Investment,
 - Implementation and realization of blended learning (a combination of the face-to-face study supplemented with a distance education component) using LMS Moodle.
 - The outcome of the project is improvement of the quality of part-time study at the Faculty.
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1.5 Project proposals submitted for funding

During the year 2018 the Faculty staff members have been working on new project proposals which have been submitted within the calls for proposals published either by the European Commission or national research agencies. The following projects will start in 2018:

Project title: **Circular economy hubs in peripheral urban centres in Central Europe**
Contract Number: CE1515
Coordinator: Beáta Gavurová
Duration: 2019–2021

Project title: **Decision Support Systems and Business intelligence within Network Economy**
Contract Number: 1/0201/19
Coordinator: Martin Vejačka
Duration: 2019–2021

Project title: **Economic impact of production activities on structural links, performance and Slovak industry competitiveness - input-output approach**
Contract Number: 1/0695/19
Coordinator: Júlia Ďurčová
Duration: 2019-2021

Project title: **INNOVATION ECOSYSTEM FOR SMART ELDERLY CARE**
Contract Number: CE1516
Coordinator: Beáta Gavurová
Duration: 2019-2021

Project title: **Interregional cross sector cooperation for demonstration and scale-up of S3 technologies in application industries – bringing S3 technologies to market**
Contract Number: CE1451
Coordinator: Beáta Gavurová
Duration: 2019-2021

Project title: **Improving Urban Biodiversity by citizens participation**
Contract Number: CE1566
Coordinator: Beáta Gavurová
Duration: 2019-2021

Project title: **Boost GeoKnowledge - Implementing different innovative digital and educational tools to raise awareness of geological, natural and cultural heritage.**
Contract Number: CE1389
Coordinator: Beáta Gavurová
Duration: 2019-2021

<i>Project title:</i>	Investment decision-making of investors in the context of effective corporate taxation
<i>Contract Number:</i>	1/0430/19
<i>Coordinator:</i>	Alena Andrejovská
<i>Duration:</i>	2019-2020
<i>Project title:</i>	Specifics of evaluation of capital assets
<i>Contract Number:</i>	1/0559/19
<i>Coordinator:</i>	Jozef Glova
<i>Duration:</i>	2019-2021
<i>Project title:</i>	Economic and Political Limits of Tax Competition on Local Level in the SR
<i>Contract Number:</i>	1/0637/19
<i>Coordinator:</i>	Lenka Maličká
<i>Duration:</i>	2019-2021
<i>Project title:</i>	Educational framework of key competences in the business environment internationalization
<i>Supported by:</i>	KEGA
<i>Contract Number:</i>	068TUKE-4/2017
<i>Coordinator:</i>	Daniela Petříková
<i>Duration:</i>	2018-2019
<i>Project title:</i>	Preparation of administrative capacity for their direct involvement in the implementation of the ESI +
<i>Supported by:</i>	KEGA
<i>Contract Number:</i>	011TUKE-4/2018
<i>Coordinator:</i>	Nataša Urbančíková
<i>Duration:</i>	2018–2020
<i>Project title:</i>	Development and implementation of the TLP (Teaching-Learning-Practising) model into education in the field of municipal policy an economy
<i>Supported by:</i>	KEGA
<i>Contract Number:</i>	039TUKE-4/2019
<i>Coordinator:</i>	Tomáš Malatíneć
<i>Duration:</i>	2019–2021
<i>Project title:</i>	Perzistencia v inflácii, cenová stabilita a výkonnosť eurozóny
<i>Contract Number:</i>	1/0793/19
<i>Coordinator:</i>	Rajmund Mirdala
<i>Duration:</i>	2019-2021