



Centrum vedecko-technických informácií SR (CVTI SR) *Slovak Centre of Scientific and Technical Information*

National Support Structures for HORIZON2020

Posilnenie synergií a komplementarít medzi Európskymi štrukturálnymi a investičnými fondmi a priamo riadenými fondmi

Bratislava 8.11.2018

Who we are

- CVTI SR is a national information centre for science, technology, innovation and education and a specialized scientific library of the Slovak Republic.
- CVTI SR operates within the Slovak and international innovation supporting networks.
- As a subsidiary institution of the Ministry of Education, Science, Research and Sport of the Slovak Republic (= public institution) is directly involved in the innovation and R&D support schemes in Slovakia.
- The biggest institution in its kind in Slovakia – 271 employees (09/2018)

Our mission

- foster development and promotion of Slovak science, R&D and innovation;
- focus on IP protection, technology transfer, support of R&D in Slovakia by specialized HW and SW infrastructure;
- developing and maintaining information systems for national education and science related programs.

Our key roles:

- . National scientific library;
- . Access to licensed electronic information resources (for Slovak R&D);
- . National centre for popularization of science and technology in society;
- . Science Centre AURELIUM;
- . Technology Transfer Centre with nation-wide operation;
- . Centre of Patent Information of the SR – PATLIB;
- . Complex information system for R&D (SKCRIS);
- . Information, analyses & prognosis in Education on national level;
- . Operation of the FabLab Bratislava;

- . **National Contact Points for HORIZON 2020;**
- . **Slovak Liaison Office for R&D in Brussels.**

H2020 projects (ongoing):



H2020 Coordination and support actions:

1. HubIT – The HUB for boosting the Responsibility and inclusiveness of ICT enabled Research and Innovation through constructive interactions with SSH research

H2020 NCP network projects:

2. COSMOS 2020 - Cooperation Of Space NCPs as a Means to Optimise Services under Horizon 2020

3. Idealist 2018 - Transnational Cooperation among ICT NCPs

4. NCPs CaRE - National Contact Points for Climate action, Raw materials, Environment and Resource Efficiency

5. NET4SOCIETY4 - Transnational network of National Contact Points (NCPs) of Societal Challenge 6 'Europe in a changing world - inclusive, innovative and reflective Societies' (SC6)

6. SEREN4 - Security Research NCP Network 3

7. NUCLE-EU 2020 - Connecting EURATOM National Contact Points in a pro-active network under EURATOM Programme in Horizon 2020

8. ETNA 2020 - European Transport Network Alliance 2020

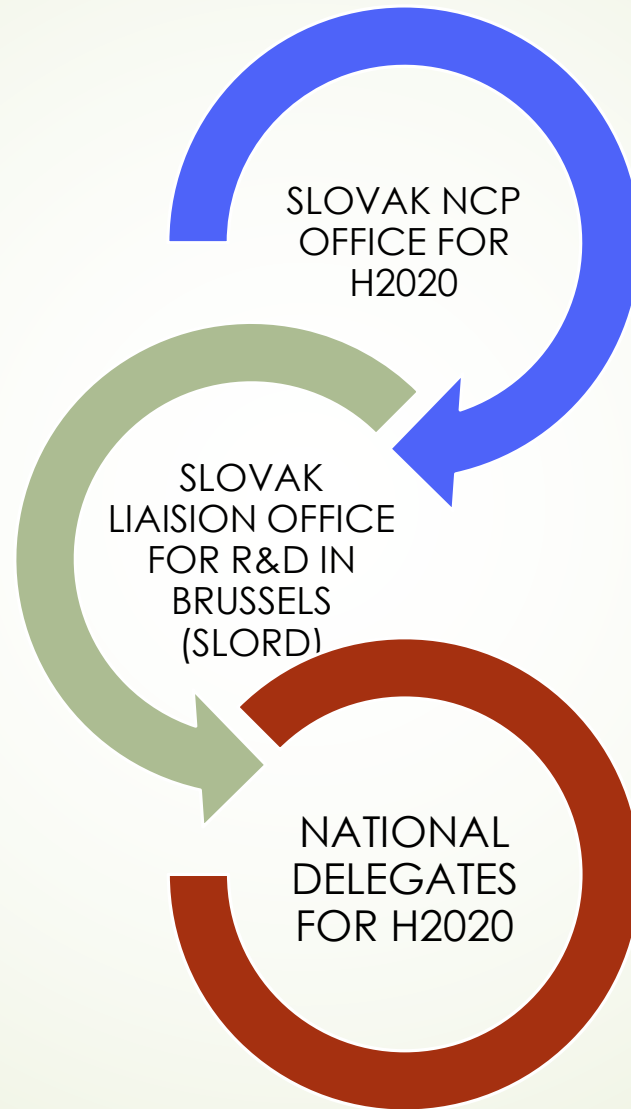
9. NCP_WIDE.NET - Transnational network of cooperation for WIDESPREAD NCPs

H2020 Research and Innovation actions:

10. OpenAIRE-Advance – OpenAIRE Advancing Open Scholarship

11. VIP4SME – Value Intellectual Property for SMEs

H2020 NATIONAL SUPPORT STRUCTURES



SLOVAK NCP OFFICE FOR H2020

Established in Brussels 2014 by the **Ministry of Education, Science, Research and Sport of the Slovak Republic** and the **Slovak Centre of Scientific and Technical Information**.

MISSION

- to transfer HORIZON 2020 information to all segments of the Slovak research and innovation community and to support h2020 applicants and project participants throughout all stages of their projects – project preparation, implementation and closing-up.

INFORMING

- National H2020 web-portal – www.h2020.cvtisr.sk; www.eraportal.sk
- Information days, seminars, matchmaking events, workshops
- H2020 awareness raising via a network of trained contact persons in academia and research institutions
- Brochures and leaflets editing
- Distribution of EC information materials on the program

GUIDANCE AND SUPPORT

- guidance on choosing an appropriate call and on partner search
- guidance on preparation, submission, implementation and closing-up of projects
- Consulting and transfer of focused information from the EC administrators
- Organizing courses and training sessions



SLOVAK NCP OFFICE FOR H2020

Mgr. Iveta Hermanovská

National NCP Coordinator for H2020

- . European Research Council (ERC)
- . Marie-Sklodowska-Curie Actions
- . Health, demographic change and wellbeing
- . Joint research centre (JRC)

Ing. Nataša Hurtová

- . Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy
- . Spreading excellence and widening participation
- . EURATOM

JUDr. Viera Petrášová

- . Legal and Financial NCP
- . Research Infrastructures
- . Access to risk finance
- . Innovation in SMEs

Mgr. Veronika Dugovičová

- . Secure, clean and efficient energy
- . Climate action, environment, resource efficiency and raw materials

Mgr. Katarína Šimková

- . Europe in changing world - inclusive, innovative and reflective societies
- . Science with and for Society

Ing. Jakub Šimkovič

- . Smart, green and integrated transport
- . Space
- . Information and communication technologies
- . Future and emerging technologies (FET)

Ing. Peter Beňo

- . Legal and Financial NCP
- . Secure societies - protecting freedom and security of Europe and its citizens

RNDr. Soňa Ftáčniková, CSc.

- . European Research Council (ERC)
- . Ethics in H2020

RNDr. Dušan Janičkovič

- . Nanotechnologies

Ing. Ivan Filus

- . Access to risk finance
- . Innovation in SMEs

Ing. Mgr. Mária Búciová

- . Information and communication technologies
- . Future and emerging technologies (FET)

General email: h2020@cvtisr.sk



Slovak Liaison Office for Research and Development

Established in Brussels in 2014 by the **Ministry of Education, Science, Research and Sport of the Slovak Republic** and the **Slovak Centre of Scientific and Technical Information (CSTI SR)**

Focus (i) on **monitoring the European policies and instruments** to support RTD&I, specifically on the FP for Research and Innovation - Horizon 2020; (ii) **bridging the gap** between institutions in Brussels and the Slovak Republic

Member of IGLO (Informal Group of RTD Liaison Offices in Brussels)

KEY OBJECTIVES

- ❖ **EU RTD PROGRAMMES** - Keeping the Slovak stakeholders updated on the latest developments on RTD&I: open calls and instruments in H2020, monitoring and evaluation of development, professional consultancy on projects; recommend successful examples and the best practice in the EU; mediating EU contacts and targeted information
- ❖ **REPRESENTATION** - Attending relevant events, including meetings within the European Commission, Council, Parliament and Horizon 2020 Programme Committees
- ❖ **PARTNER SEARCH** - Providing targeted information to interested parties in finding the right consortium and joining the European networks
- ❖ **EVENTS** - Providing logistics facilities for the Slovak subjects; organization of information days, workshops, trainings, seminars and conferences
- ❖ **BUSINESS AND SMEs** - Supporting the Slovak businesses, big companies and SMEs to increase their participation in Horizon 2020
- ❖ **COMMUNICATION** - Maintaining a relationship with the Slovak and the EU partner community: newsletter, social networks, brochures and website
- ❖ **LOBBYING** - Guaranteeing that the Slovak interests are represented

Personal structure

Mr. Andrej Kurucz – Head of office

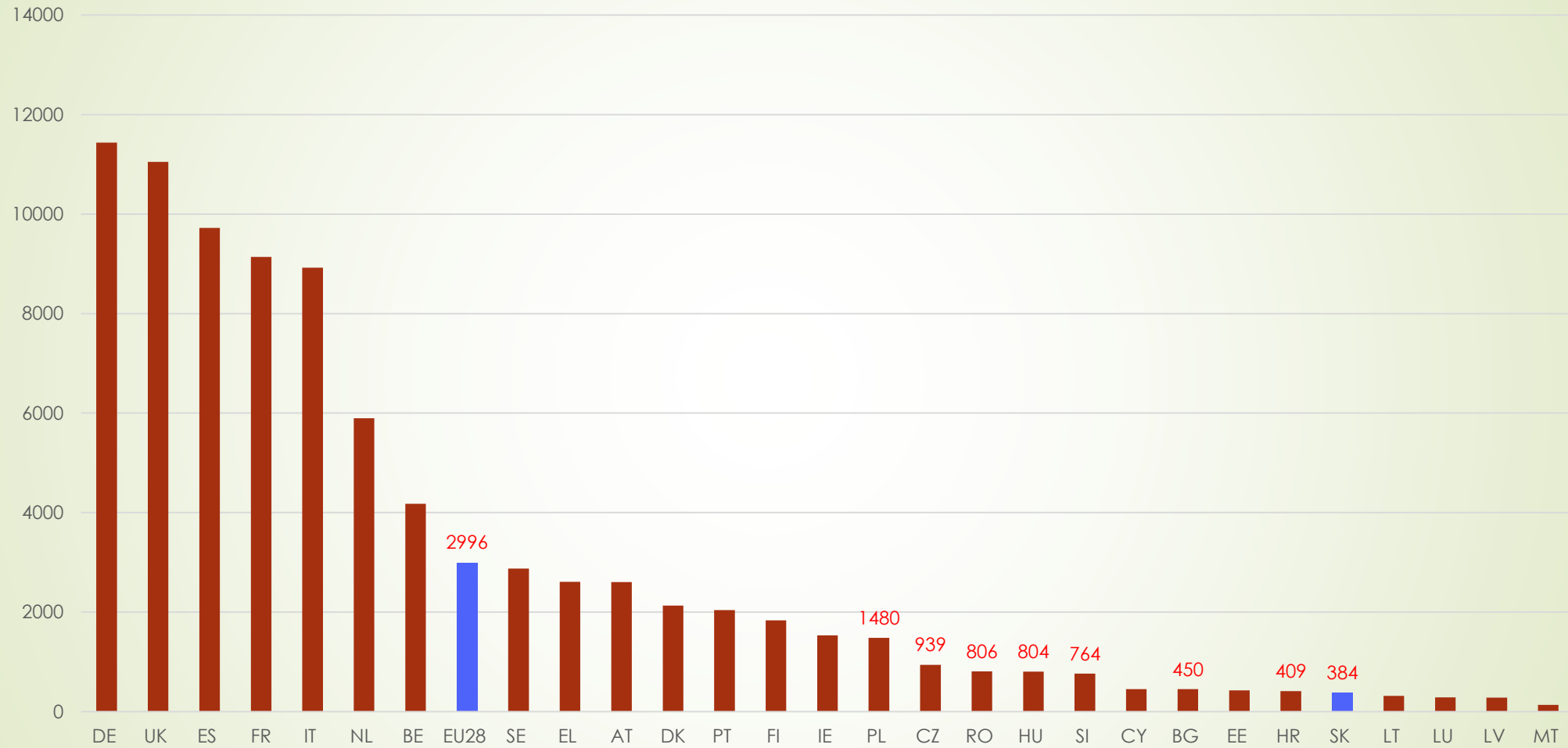
Ms. Terezia Lesayova

Ms. Monika Bideau Repcikova



KEY CHALLENGES

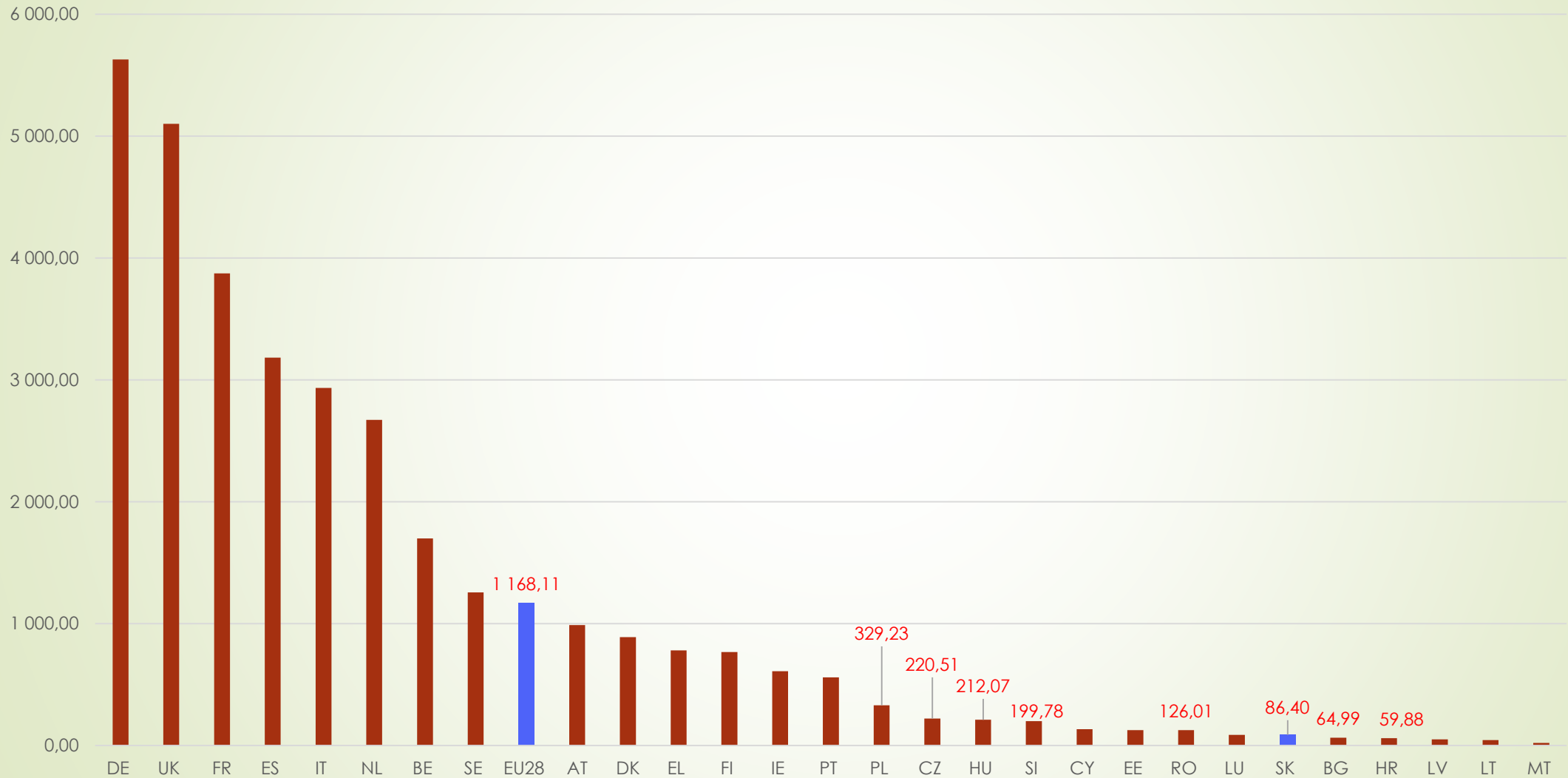
Number of participations in H2020 - 09/2018



Source: eCORDA, last update 29.9.2018

KEY CHALLENGES

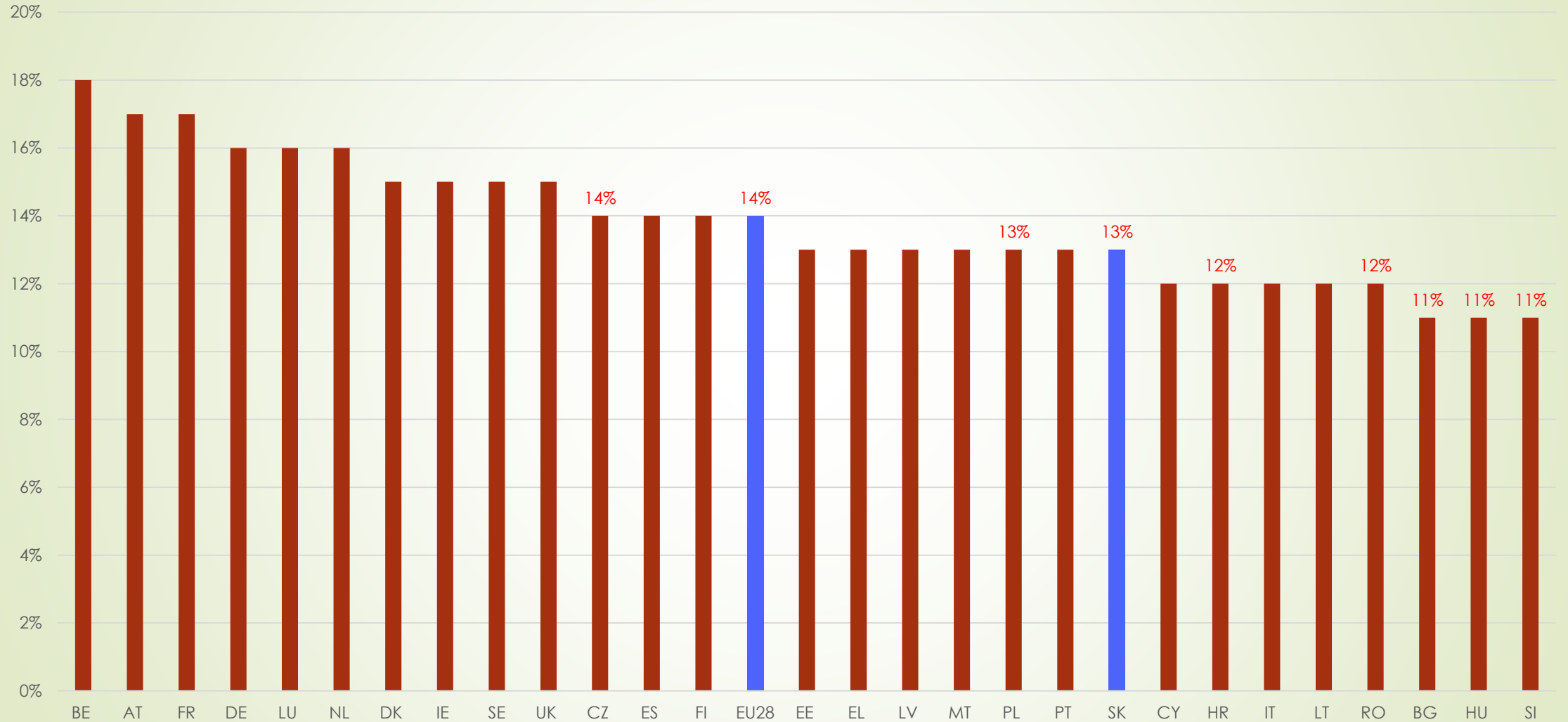
H2020 EU Financial Contribution for Participants (in mil. €) - 09/2018



Source: eCORDA, last update 29.9.2018

KEY CHALLENGES

Success rate of applications - 09/2018



Source: eCORDA, last update 29.9.2018

BIOSKOH's Innovation Stepping Stones for a novel European Second Generation BioEconomy

- . BIOSKOH is a flagship research project to demonstrate a first of its kind commercial-scale second generation biorefinery. A sustainable, circular bioeconomy project, BIOSKOH will transform a brownfield industrial site in eastern Slovakia into a 55 kton cellulosic ethanol production facility.
- . A breakthrough project, BIOSKOH will eventually pave the way for the largest second generation (2G) biorefinery in Europe (110 kton).
- . Tot. budget: 30 mil. €. EU contribution: 21,5 mil. €

Slovak participants

- . ENERGOCHEMICA TRADING AS **EU contribution:** EUR 13,4 mil. €
- . FARMA OBORIN SRO **EU contribution:** EUR 3 mil. €
- . NÁRODNÉ POL'NOHOSPODÁRSKE A POTRAVINÁRSKE CENTRUM **EU contribution:** EUR 659 375 €

Funded under:

- . H2020-EU.3.2.6.1. - Sustainable and competitive bio-based industries and supporting the development of a European bio-economy
- . H2020-EU.3.2.6.3. - Sustainable biorefineries

SLOVAK H2020 BEST PRACTICE project BIOSKOH

Impacts

- First of a kind flagship project for Europe
- Demonstrate regional bio-based value chain
- Improve regional infrastructure
- Realise cross-industry collaboration
- Create ~160 direct and 500 indirect jobs
- Share business sustainability model with EU bioeconomy

Innovation Stepping Stones



1. Superior **biorefinery** technology



2. **Brownfield** approach, improving regional infrastructure

3. Industrial **symbiosis**, energy autonomy



4. Abundant, secure, sustainable **biomass**

2017



BIOSKOH has received funding from the Bio-Based Industries Joint Undertaking under the European Union's Horizon 2020 research and innovation programme under grant agreement No 709557

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SLOVAK H2020 BEST PRACTICE project MoTiV

MoTiV - Mobility and Time Value

- . **Total funding:** EUR 1, 93 mil. €
- . **Coordinator**
- . ŽILINSKÁ UNIVERZITA V ŽILINE **EU contribution:** EUR 253 492 €
- . **Funded under:** [H2020-EU.3.4. - SOCIETAL CHALLENGES - Smart, Green And Integrated Transport](#)

www.motivproject.eu



What is the MoTiV project?

A holistic approach to Value of Travel Time (VTT) estimation

MoTiV addresses the emerging topic of exploring the dynamics of individual preferences, behaviours and lifestyles that influence time use in mobility contexts.

The MoTiV app will enable travelers to easily track, understand, and re-evaluate their travel decisions, helping them make best use of their own travel time in line with their personal preferences and lifestyle.

MoTiV App and Data Collection

The MoTiV conceptual framework for the estimation of VTT will be validated through a European-wide data collection campaign:

- in at least 10 European countries
- engaging a minimum of 5,000 participants
- in different contexts urban, sub-urban, rural across all transport modes

The mobility and behavioural data collected through the MoTiV app will provide an insight into the changing perception and experience on the value of travel time.

Synergies between H2020, national and structural funds

Currently open calls:



Slovak Research and Development Agency

Open call: Support of preparation R&D projects within the EU framework program for Research and Innovation – Horizon2020 (allocation: 400 000 €. Max. 2000 € or 3000 €/project)

Operational Programme Research and Innovation (ERDF)

- SME Instrument Seal of Excellence (allocation: 500 000 € for Bratislava region, 750 000 € for other SK regions. Max: 50 000 €/project)
- complementary funding of H2020 projects or funding of H2020 follow-up projects (allocation 10 mil. €. Max. 200 000 €/project)
- Teaming for Excellence complementary funding (allocation: 15 mil. € for Bratislava region, 28 mil. € for other SK regions)



Synergies between H2020, national and structural funds

Horizontal support of Slovakia's involvement in the European Research Area (SK4ERA)

Strategic objective: to create system of professional support for participation of Slovak institution from public and private sector in European Research Area and in European research and innovation instruments.

2 main activities:

1. Improving the system of support for participation of Slovak researchers and innovators in international cooperation projects.

- to increase Slovak participation in international and European projects, with the emphasis on Horizon 2020. All activities will complementary support participation in ERA.

2. Increasing awareness and better promotion of Slovak research in European research area

In supporting the work of the Slovak Liaison Office for Research and Development in Brussels (SLORD), a complex support will be provided to Slovak institutions, researchers and entrepreneurs helping them with their involvement in international R&I projects (ERA projects preferably). This activity will also support visibility of Slovak research at European level and increase information flows from EU institution to the research institutions and vice versa.



Thank you for your attention.

Anna Krivjanska

Head of Department of international cooperation

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