



Slovakia

research destination for MSCA Fellows

14 June 2021

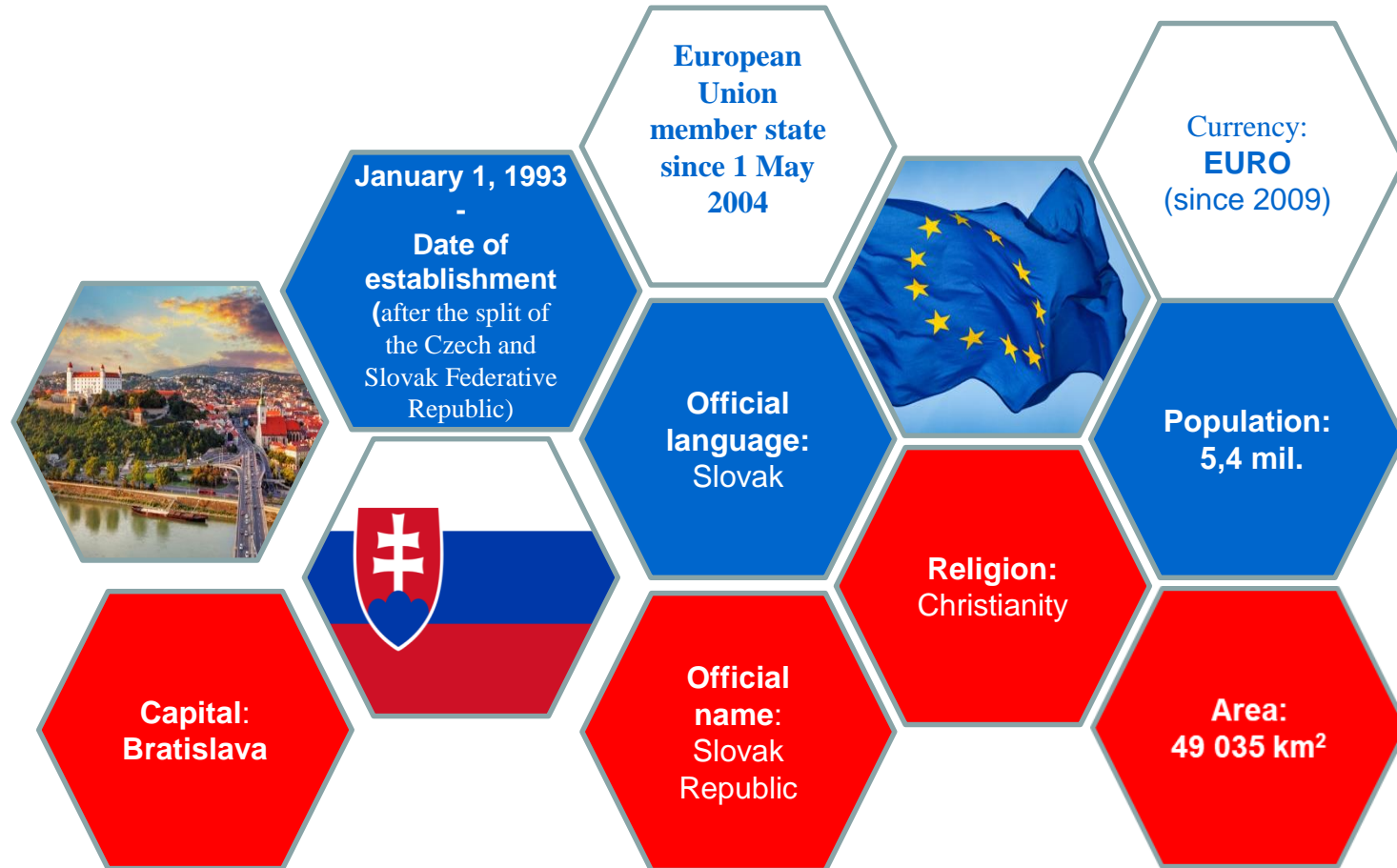
Silvia Kotulicova, SAIA, n. o.
Zuzana Reptova, MSCA NCP
Slovakia



Country in a heart of Europe



Slovakia in a nutshell



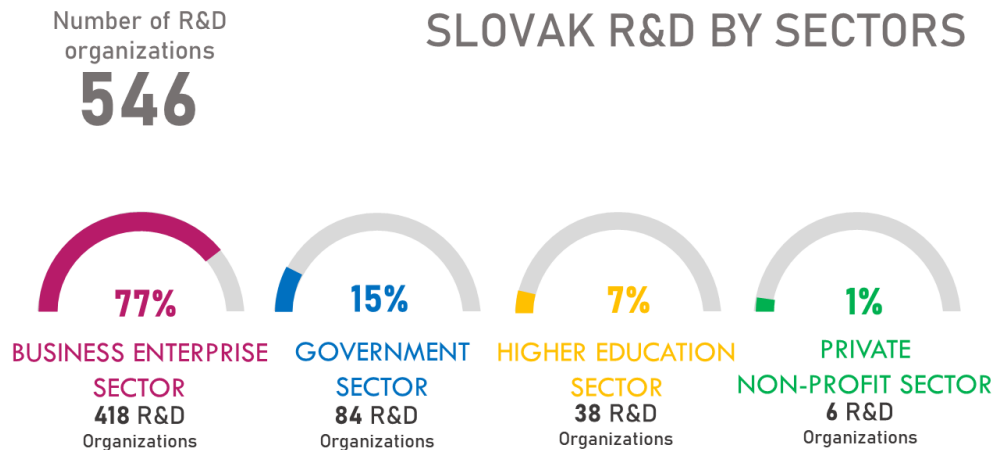
Slovakia in a nutshell

Membership in international organisations/groupings/programmes	NATO (March 2004), Schengen area (Dec. 2007), UN, UNESCO, OECD, CERN, WHO, ESA, Horizon 2020/Europe
Political system, main executive & legislative bodies	parliamentary democracy with the President, 8 selfgoverning regions
Economy	GDP per capita (2020): 19 071 USD Unemployment rate (2019): 5.5% Life expectancy (2017): 77.17 years
Main fields of industry:	automotive industry, electronics industry, chemical industry, fertilisers, plastics, mechanical engineering, information&communication technologies



Research & Innovation Landscape

The Ministry of Education, Science, Research and Sport of the Slovak Republic (MESRS SR)
central body



Source: The Yearbook of Science and Technology in the Slovak Republic 2020, www.statistics.sk

HE sector

38 HEIS (public, state, private)

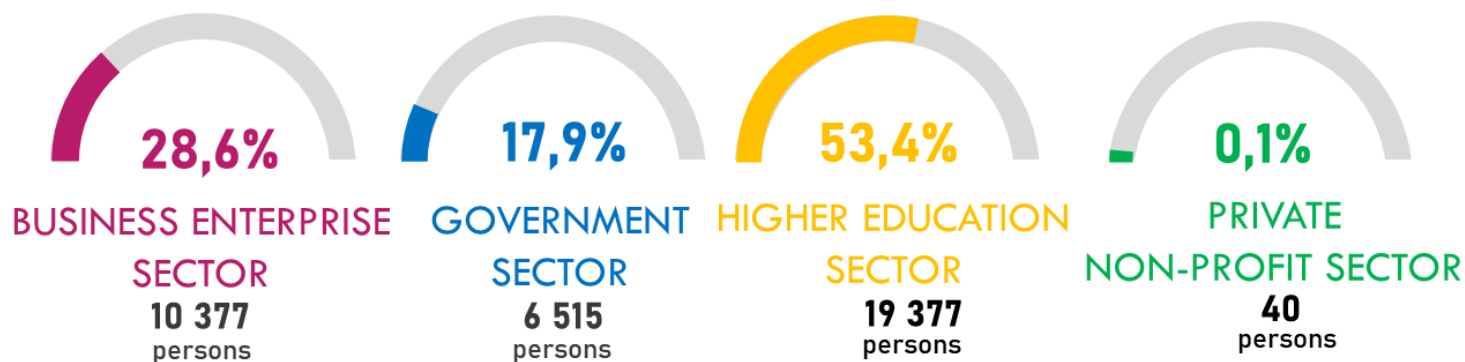
Government sector:

- Slovak Academy of Sciences – 41 research institutes
- State Departmental research institutes
- State Non-departmental research institutes (e.g. Statistical Office of the Slovak Republic)

<https://www.euraxess.sk/en/main/research-in-slovakia/research-organisations/state-rad/>

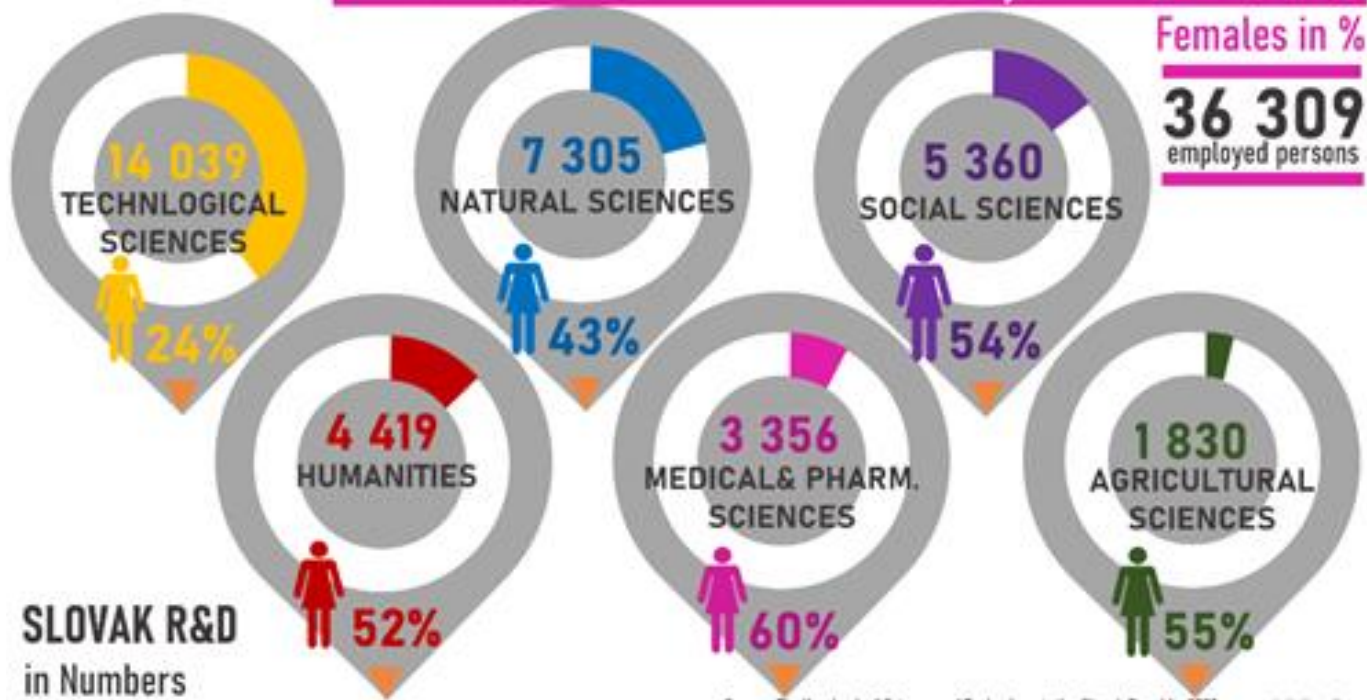
Number of
R&D Personnel
36 309

SLOVAK R&D PERSONNEL by sectors



Source: The Yearbook of Science and Technology in the Slovak Republic 2020, www.statistics.sk

R&D Personnel in Head Counts by Fields of Science



Source: The Yearbook of Science and Technology in the Slovak Republic 2020, www.statistics.sk

<https://www.euraxess.sk/en/main/research-in-slovakia/>

How choosing Slovakia increases your chances

Additional opportunities to gain the resources needed for your MSCA Postdoctoral Fellowship project

– “widening” & ERA fellowship

.... a second chance for the same project from Horizon Europe budget

– Seal of Excellence support scheme

.... a second chance at national level

MCSA Hosting Offers in Slovakia

- experience with hosting international fellows
- support by MSCA National Contact Point in Slovakia
 - advice, consultation or project proofreading
- support by Euraxess Slovakia
 - during your eventual relocation

MCSA Hosting Offers in Slovakia

field	hosting institute
Civil Engineering	Technical University of Kosice
Physics, Mathematics and Technics	University of Presov
Civil Engineering a) Department of Building Construction b) Department of Building Services c) Climate-adaptive mechanisms of building latent thermal energy storage	Slovak University of Technology in Bratislava
Electronics and Photonics	
Nuclear material science and spectroscopic techniques	
Geotechnics	Slovak Academy of Sciences
Study of materials with high degree of structural disorder using novel X-ray techniques	
Physical Chemistry a) Biodegradable materials with specific biological functionality b) Electrochemical sensor for diagnosis of civilization diseases and viruses	Pavol Jozef Safarik University in Kosice
Research of functional and surfaced functionalized glass	A. Dubcek University of Trencin
Catalytic syntheses of axially and planarly chiral compounds for chiroptic & materials applications	Comenius University in Bratislava

MCSA Hosting Offers in Slovakia

field	hosting institute
Intelligent technology <ul style="list-style-type: none">a) Deep Learning for Natural Language Processingb) Web and User Data Processingc) Data Analytics for Green Energy	Kempelen Institute of Intelligent Technologies
Management science and informatics <ul style="list-style-type: none">a) Information systems for railway traffic planning, controlling and data managementb) Optimal and reliable service system designc) Electric Mobility Data Analysis & Infrastructure Planningd) Agent-based simulation of transportation terminalse) Computer Vision Deep Learning, Artificial Intelligencef) Cell-in-fluid Research Groupg) Memristive Implementation of Fuzzy Logic for Cognitive Computingh) Mobile robots and their integration into the IoT worldi) Reliability Analysis of complex Multi-State Systemj) Complex database management systemk) Innovative Management, Economics and Business	University of Zilina
Robotics	Slovak University of Technology
Applied Informatics	
Automotive Innovation Lab	

MCSA Hosting Offers in Slovakia

field	hosting institute
Molecular Biology - Genomics and Proteomics labs	Comenius University in Bratislava
Laboratory of Biomedical Microbiology and Immunology Development of strategic therapeutics against selected vector-borne neuroinfections	University of Veterinary Medicine and Pharmacy
Systems Neuroscience	Slovak Academy of Sciences
Experimental Psychology	
Biological remains as proxies for reconstruction of the environmental changes in alpine lakes	Matej Bel University
Romance Studies a) Marginalisation and related discursive practices, b) Sociopragmatics of exolingual communication, c) Conception and testing innovative methodologies for culture-based L3 acquisition, d) European languages, literatures, cultures and heritage(s), e) Management of cultural institutions, f) Contrastive terminologies and terminographies, g) Identity maps of Global South in Europe.	

Postdoctoral job positions in Slovakia

- EURAXESS Jobs & Funding database
- Currently 13 positions for postdocs

<https://euraxess.ec.europa.eu/jobs/search/country/slovakia-1064>

EURAXESS Slovakia

- **SAIA, n. o.** (5 EURAXESS centers across Slovakia) + **Slovak Academy of Sciences – assistance with relocation**
- **EURAXESS services** = information and personal assistance with **funding of research** mobility, **visa** and **residence permits**, social security, health insurance, taxation, finding a doctor, school, driving license (**1600+** consultations in 2020)
- Workshops, webinars, career development trainings, social integration events
- National **EURAXESS portal** (www.euraxess.sk)
- Online practical navigation app for visa and residence permit in Slovakia



Thank you for your attention

www.euraxess.sk

euraxess@saia.sk

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KANCELÁRIA
HORIZONTU 

Advice & consultations for MSCA PF applicants:

Zuzana Reptova,
National Contact Point for MSCA in Slovakia
zuzana.reptova@cvtisr.sk

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RESEARCHERS IN MOTION