



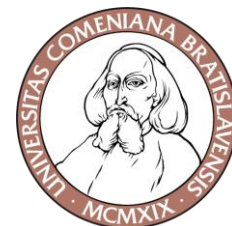
Societal Challenges

*need of change in perception
and attitudes*

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Content



- Societal Challenges in FP6, FP7 and H2020
- Slovak participation in SC fields in FP7
- Slovak potential in H2020 Societal Challenges
- Changing the attitudes at institutional and state level
- HORIZON 2020 support in Slovakia

Changing the perception of “Societal Challenges”



- Not only social sciences and humanities
 - as it is often perceived in Slovakia (Slovak translation)
- Societal Challenges include technical and life sciences (that are for the benefit of Society)
- An opportunity for
 - universities and research institutions focused on technical and natural sciences
 - technology oriented companies

Societal Challenges in H2020 | 1



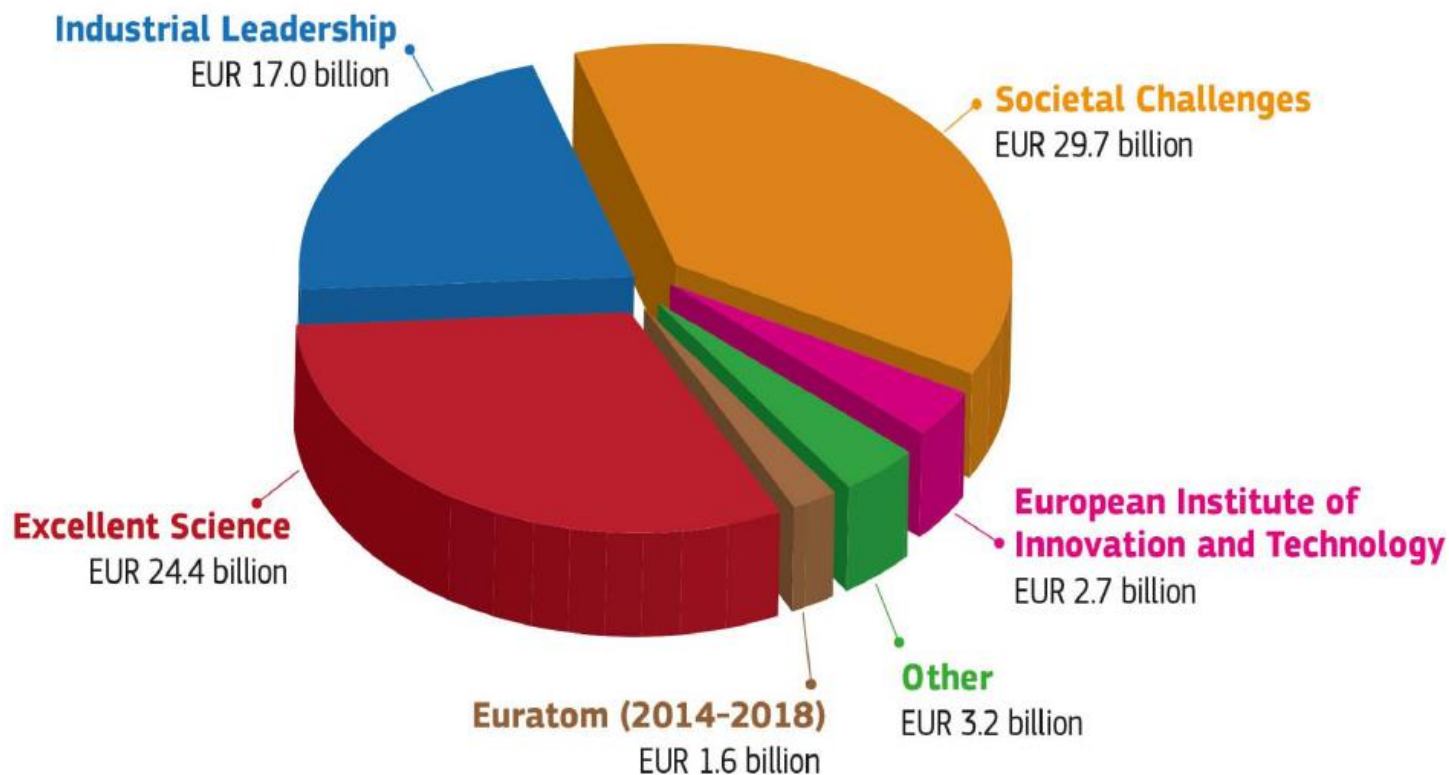
SOCIETAL CHALLENGES FIELDS in H2020

1. Health, Demographic Change and Wellbeing *(16 priorities)*
2. Food Security, Sustainable Agriculture and Forestry, Marine, Maritime and Inland Water Research and the Bioeconomy *(5 priorities)*
3. Secure, Clean and Efficient Energy *(8 priorities)*
4. Smart, Green and Integrated Transport *(5 priorities)*
5. Climate Action, Environment, Resource Efficiency and Raw Materials *(6 priorities)*
6. Europe in a changing world - Inclusive, innovative and reflective societies *(3 priorities)*
7. Secure societies – Protecting freedom and security of Europe and its citizens *(5 priorities)*

Societal Challenges in H2020 | 2



HORIZON 2020 BUDGET (in current prices)



Societal Challenges in H2020 | 3



Priority / Field	Final breakdown	Estimated final amount in million euro
III Societal challenges, of which	38.53%	29 679
1. Health, demographic change and wellbeing	9.70%	7 472
2. Food security, sustainable agriculture and forestry, marine maritime and inland water research and the Bioeconomy	5%	3 851
3. Secure, clean and efficient energy	7.70%	5 931
4. Smart, green and integrated transport	8.23%	6 339
5. Climate action, environment resource efficiency and raw materials	4%	3 081
6. Europe in a changing world - Inclusive innovative and reflective societies	1.70%	1 309
7. Secure societies – Protecting freedom and security of Europe and its citizens	2.20%	1 695

Societal Challenges in FP7



SOCIETAL CHALLENGES FIELDS in FP7 – COOPERATION

- | | |
|-----|---|
| 1. | Health |
| 2. | Food, Agriculture and Fisheries, Biotechnology – KBBE |
| 5. | Energy |
| 6. | Environment (including Climate Change) – ENV |
| 7. | Transport (including aeronautics) – TPT |
| 8. | Socio-economic Sciences and the Humanities – SSH |
| 10. | Security |

Societal Challenges in FP6

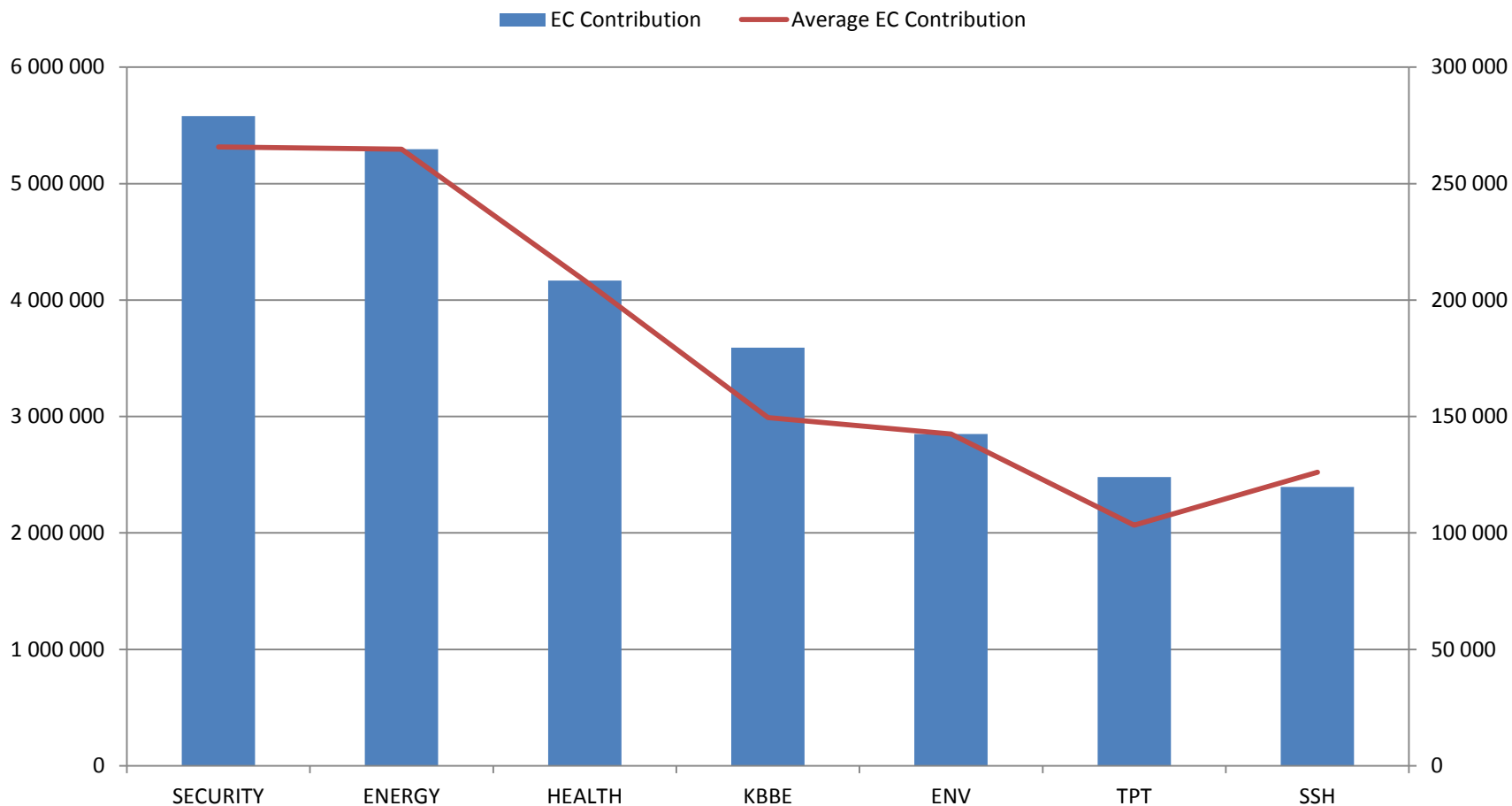


SOCIETAL CHALLENGES FIELDS in FP6 – THEMATIC AREAS

Thematic Areas – covers those areas where the EU in the medium term intends to become the most competitive and dynamic, knowledge-based economy in the world

- | | |
|----|---|
| 1. | Life sciences, genomics and biotechnology for health |
| 5. | Food quality and safety |
| 6. | Sustainable development, global change and ecosystems |

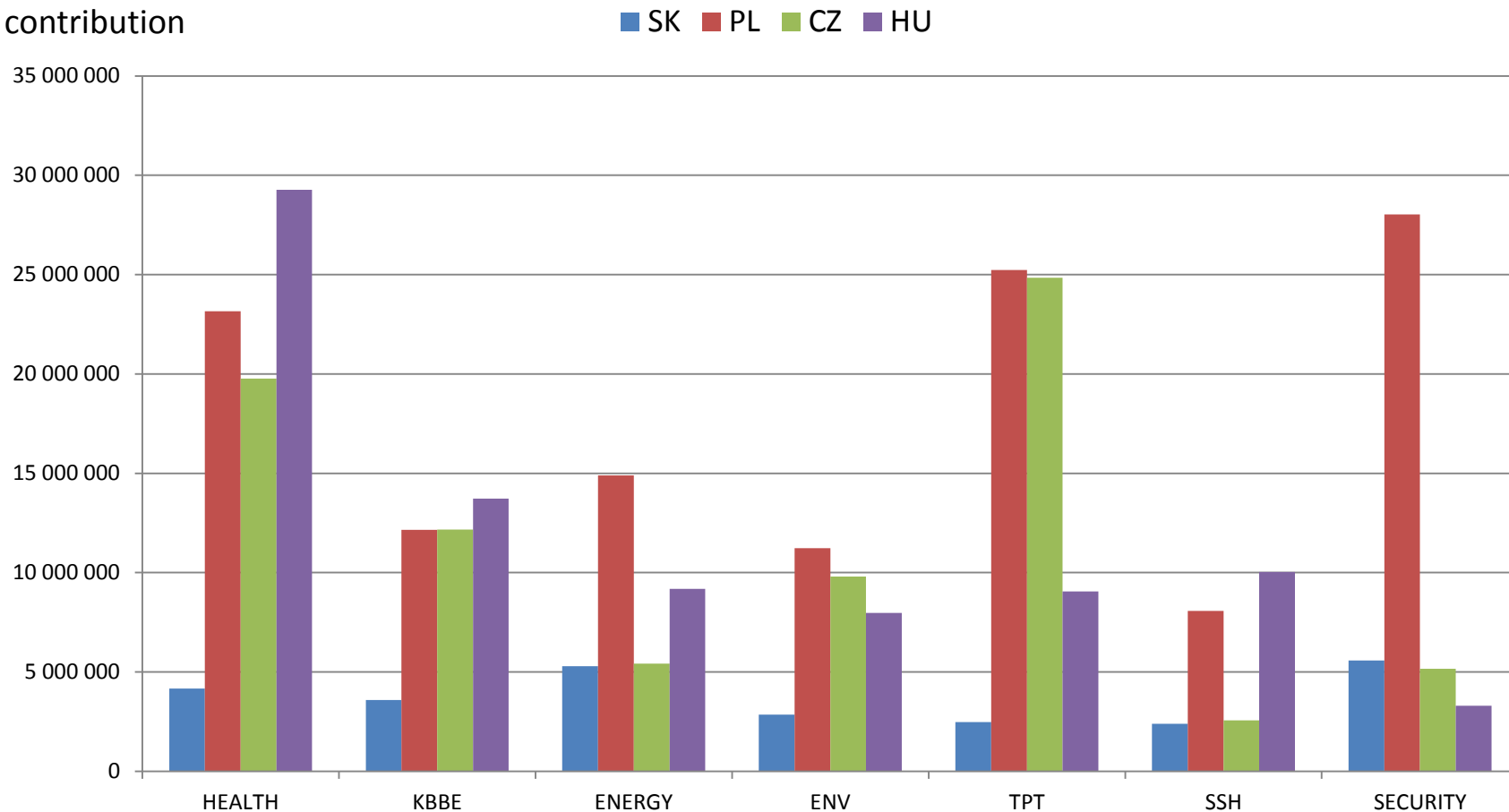
Slovak participation in FP7 "SC"



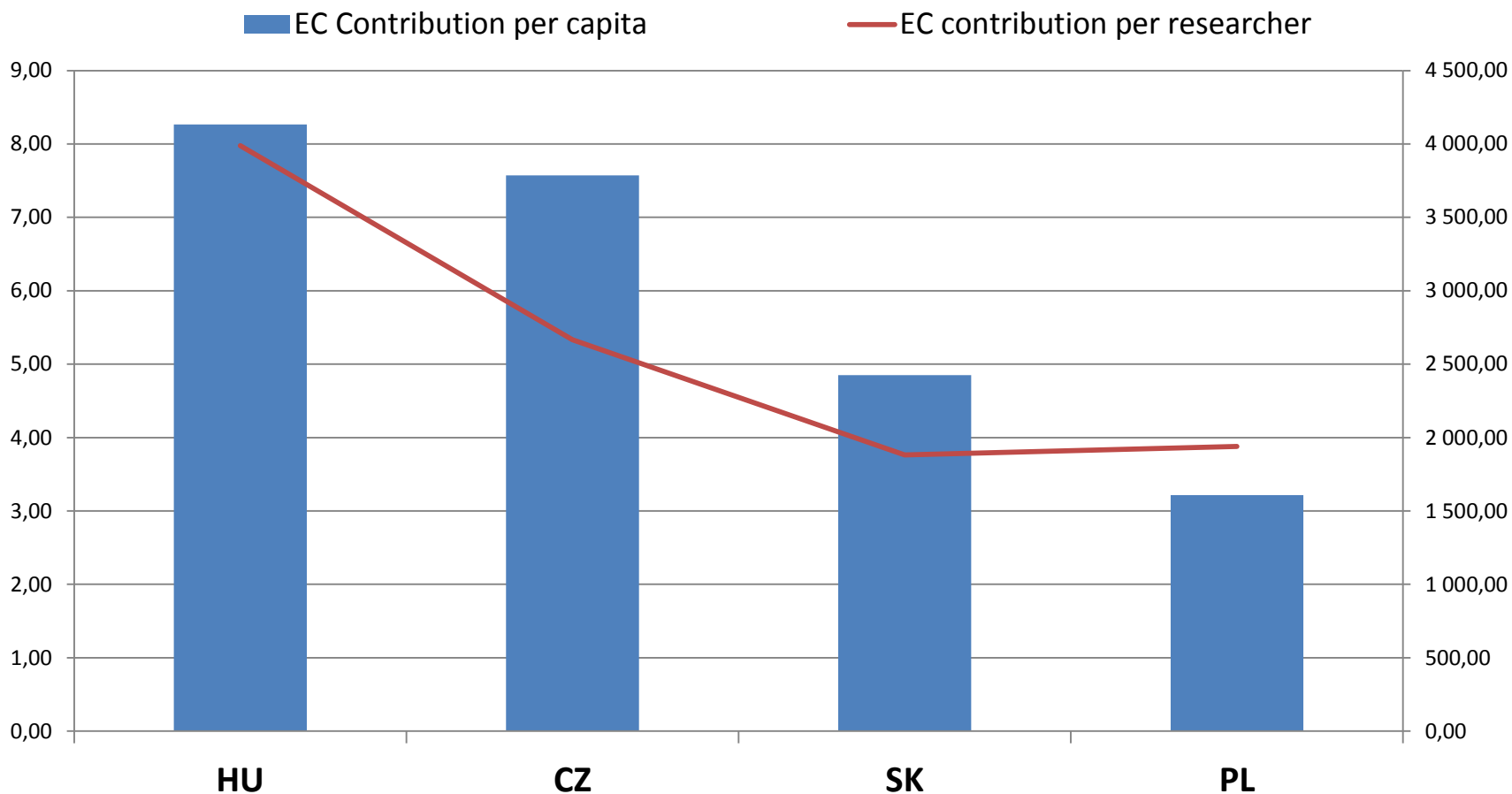
Comparison of V4 participation in FP7 "SC" | 1



EC contribution



Comparison of V4 participation in FP7 "SC" | 2



Slovak potential in H2020 SC | 1

based on FP7 participation



HEALTH – 18 projects

■ PARTICIPANTS

- **Slovak Academy of Sciences**, Institutes of:
Virology (3 projects), Zoology, Economic Research, Molecular Physiology and Genetics, Experimental Endocrinology, Neuroimmunology
- **Slovak Medical University in Bratislava** (2 projects)
- **Comenius University in Bratislava**
- **National Institute of Rheumatic Diseases**
- **Pavol Jozef Šafárik University**
- **Trnava University in Trnava**
- **Institute for Labour and Family Research**
- **Slovak Public Health Association**
- **SYNKOLA, Ltd.**
- **HIGHCHEM, Ltd.**



Slovak potential in H2020 SC | 2

based on FP7 participation



- **KBBE** (*Food, Agro, Fish, Biotechnology*)
 - 26 projects
- **ENERGY**
 - 14 projects
- **ENVIRONMENT**
 - 19 projects
- **TRANSPORT**
 - 20 projects
- **SSH** (*Socio-economic Sciences and Humanities*)
 - 19 projects
- **SECURITY**
 - 18 projects



Changing the attitudes | 1



... at institutional level

- Building the mechanisms and administrative capacities at public research organisations to support researchers
- Adequate evaluation and appreciation of participation in EC framework programmes in comparison to small local grants
- Support and motivate employees to participate in the EC calls for experts and advisors
- Motivation of researchers to apply also for ERC grants

Changing the attitudes | 2



... at state level

- Establishment effective support structures (NCPs, delegates, experts, ...)
- Development of financial schemes supporting good quality proposals even if not selected for funding
- Financial support for participation of Slovak representatives in different ERA-NET initiatives and technology platforms
- Adequate evaluation of participation in FP projects, influencing the distribution of state subsidies to PROs

HORIZON 2020 support in Slovakia | 1



- Managed by the *Ministry of Education Science Research and Sport of the Slovak Republic*
- **National Delegates**
- **National Contact Points** (NCPs) and Experts
 - NCP Network hosted by the *Slovak Scientific and Technical Information Centre (CVTI SR)*
- **Slovak Liaison Office of the SR for R&D in Brussels**
SLORD
 - Contact: Daniel STRAKA, daniel.straka@cvtisr.sk

HORIZON 2020 support in Slovakia | 2



SK CRIS

Slovak Current Research Information System

- Databases of
 - Researchers
 - Research Organisations
 - Research Projects
 - R&D Results
- Based on EU standards and format (CERIF) – interconnection with other European research systems
- Tool for SK NCPs in identifying potential Slovak partners for H2020 projects

HORIZON 2020 support in Slovakia | 3



[Create new account / password reset](#) | [Sign In](#) | [SKCRIS portal](#) | [SK](#) | [EN](#)

SKCRIS

INFORMAČNÝ SYSTÉM O VEDE A VÝSKUME

[Homepage](#) | [Registry of researchers](#) | [Registry of organizations](#) | [Registry of projects](#) | [Results R&D](#)

HOMEPAGE

- About portal
- Data collection
- Project calls
- CREPČ portal

Centrálny informačný portál

pre výskum
vývoj
a inovácie

At the date 18. 1. 2014 is registered
18 159 researchers

At the date 18. 1. 2014 is registered
9 998 projects

At the date 18. 1. 2014 is registered
1 259 organisations

At the date 18. 1. 2014 is registered
7 346 results of RaD

www.skcris.sk



- **363* VEGA projects** (*Educational Grant Agency*)
- **96* APVV projects** (*Agency for R&D Support*)
- **57* EU structural funds projects** (*OP Education & OP R&D*)
- **33* other projects** (*various national & international grant schemes*)
- **7 FP7 projects** (*much less than in FP6*) – REASONS:
 - EU SF (bureaucracy and administration)
 - missing targeted institutional support to researchers
 - insufficient interaction and collaboration with NCP network

HORIZON 2020 support in Slovakia | 4



Priority / Field	National Delegate	NCP
III SOCIETAL CHALLENGES		
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THANK YOU!

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