

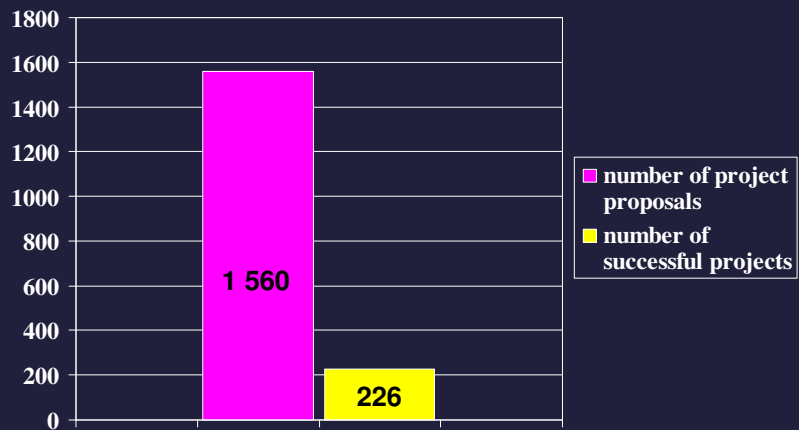
NMP Excellence in Slovakia

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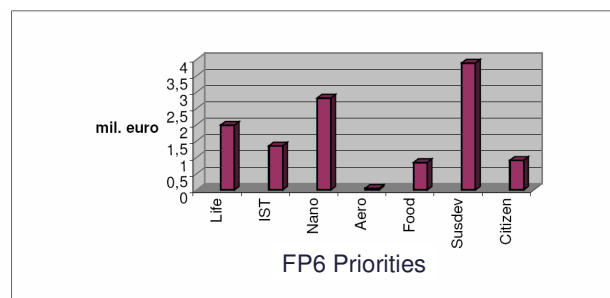
Main NMP Institutions in Slovakia

- Slovak Academy of Sciences www.sav.sk
- Slovak University of Technology Bratislava www.stuba.sk
- Technical University of Košice www.tuke.sk
- Faculty of Manufacturing Technologies TU in Prešov www.tuke.sk/fvtpo
- Comenius University Bratislava www.uniba.sk
- University of P. J. Šafárik in Košice www.upjs.sk
- University of Žilina www.utc.sk
- A. Dubček University in Trenčín www.tnuni.sk
- International Laser Centre www.ilc.sk

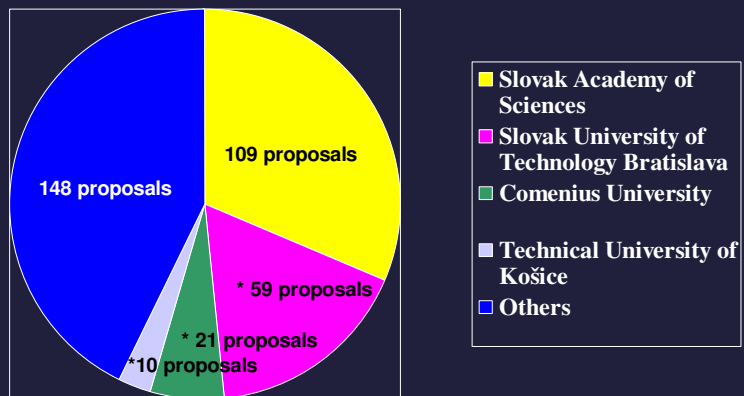
Slovak Participation in FP6



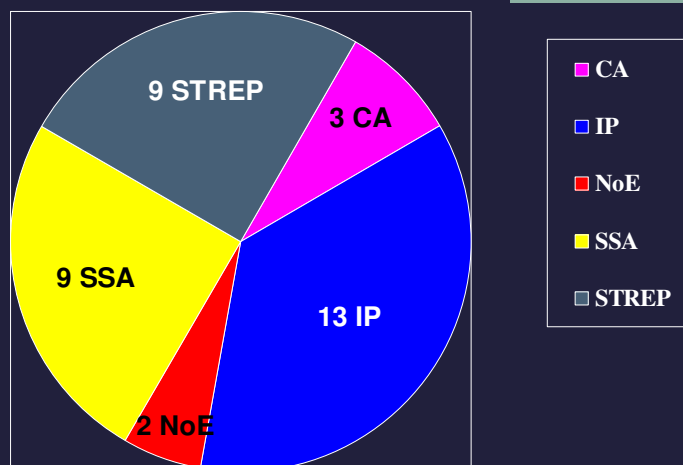
Financial Contribution of EC to the Successful Projects According to the FP6 Priorities



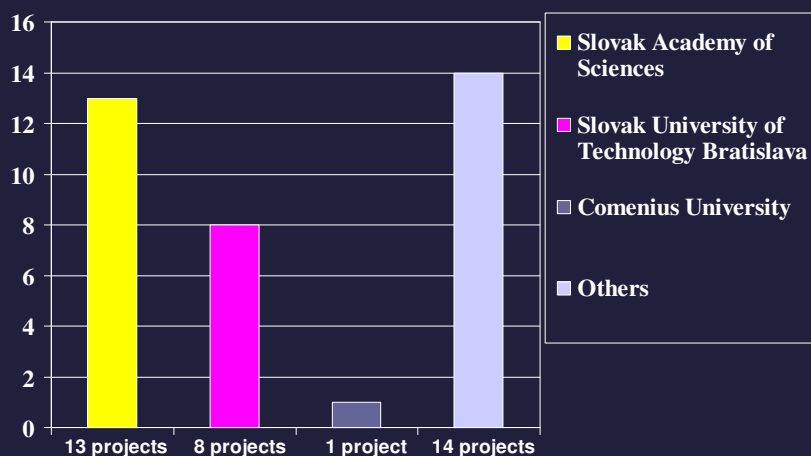
Number of Project Proposals in NMP Priority (total number 347)



Number of Successful NMP Projects According to the Instrument (total number 36 projects)



Number of Successful NMP Projects According to the Institution (total number 36 projects)



Slovak Participation in NMP ERA Nets

MNT ERA Net – From Micro- and Nanoscale Science to New Technologies for Europe (Slovak Academy of Sciences)

NanoSci ERA Net – Nanoscience in the European Research Area (Slovak Academy of Sciences)

MANUNET – Walking towards an European regionally based research area on new processes and flexible intelligent manufacturing systems (The Ministry of Education of Slovak Republic and Slovak University of Technology Bratislava)



Centre of Excellence – NANOSMART Centre of Nanostructured Materials

The main objective of the Centre is to create a comprehensive frame for research and development of advanced metallic and ceramic materials with defined nanoscale structure and extraordinary properties for future scientific and industrial applications.

The main scientific goal of the Centre is to understand physical phenomena in materials composed of nanosized building blocks occurring during their processing and understand physical, mechanical and fracture phenomena during their testing and practical applications



Centre of Excellence – NANOSMART Centre of Nanostructured Materials

The Centre has been created from selected Departments of six Institutes of Slovak Academy of Sciences with the aim to reach the critical mass for systematic research and development of nanostructured and ultrafine grained materials with extraordinary properties



INSTITUTE OF MATERIALS RESEARCH, SAS DEPARTMENT OF STRUCTURAL CERAMICS
Head: Assoc.Prof. Dr. Ján Dúša



INSTITUTE OF INORGANIC CHEMISTRY, SAS DEPARTMENT OF CERAMICS
Head: Assoc.Prof. Dr. Pavol Šajgalík



INSTITUTE OF EXPERIMENTAL PHYSICS, SAS DEPARTMENT OF MAGNETISM
Head: Dr. Ivan Škorvánek, Dr. Pavel Diko



INSTITUTE OF GEOTECHNICS, SAS DEPARTMENT OF MECHANOCHEMISTRY
Head: Prof. Dr. Peter Baláž



INSTITUTE OF MATERIALS AND MACHINE MECHANICS, SAS DEPARTMENT OF MICROSTRUCTURE OF COATINGS AND BOUNDARIES
Head: Dr. Stanislav Kúdela



INSTITUTE OF PHYSICS, SAS DEPARTMENT OF METAL PHYSICS
Head: Dr. Peter Švec

<http://www.imr.saske.sk/umv/NANOSMART/index.htm>

Near future



CEPIT – Central European Park for Innovative Technologies (in Bratislava)

will support the interdisciplinary know-how transfer (including micro- and nanosystems) among science, education and economy. The basis of the park will be the settlement of innovative companies, as well as public and private research and educational institutions (www.cepit.at)

Centre of advanced materials (in Košice)

will be focused on research of advanced materials from fundamental to applied research with an opportunity of direct application in production process.

Members: Slovak Academy of Sciences, Technical University of Košice, University of P. J. Šafárik in Košice (jdusza@imr.saske.sk)

Slovak Partner Search Data bases

- Data base of Slovak SMEs
<http://slovakfp6.euprojekt.sk/slovakfp7/Default.aspx>
- Data base of Slovak Research Organizations
<http://doro2.slovakfp6.sk/>
- Slovak Research&Development and Innovation Network presents profiles of laboratories, research centres and companies
www.strinet.sk

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Thank you for your attention!

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