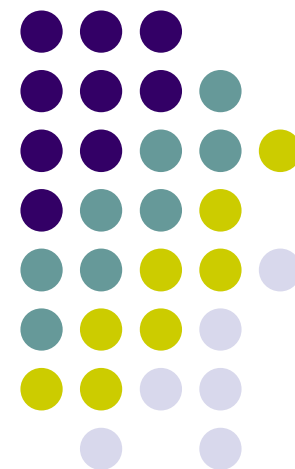


# NATIONAL CONCEPT OF SCIENCE AND TECHNOLOGY POLICY

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Marta Cimbáková, Director of National  
and European S&T Policy  
Department, Science and Technology  
Division, Ministry of Education of the  
Slovak Republic  
Bratislava, 16 June 2008

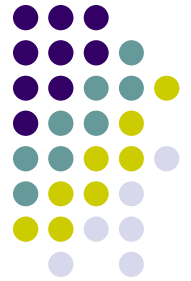


# Objectives in the Slovak S&T up to 2015



- basic objectives and tendencies of the national S&T policy are laid down in the **Long-term Objectives of the National S&T Policy by to 2015**

# Systematic Objectives of S&T



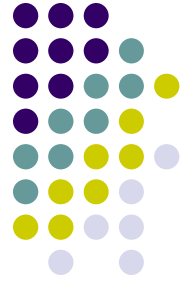
- achieve a synergic effect in R&D support from various resources (funds) – state budget, private sources, structural funds, and resources of the 7th Framework Programme EU for Research, Technical Development and Demonstrations,
- ensure an effective support of the human R&D resources and technical R&D infrastructure

# Systematic Objectives of S&T



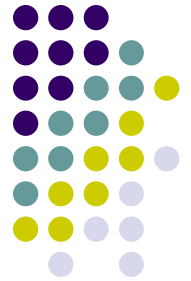
- ensure the adequate direct and indirect support of S&T,
- ensure the effective use of public expenditure (means from state budget and the structural funds),
- significantly focus the support from public sources towards research leading to subsequent further utilisation (better cross-linking of basic and applied research based on a better cooperation between the public and entrepreneurial R&D sectors and the economic and social practise)

# Systematic Objectives of S&T



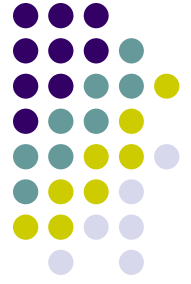
- improve the responsibility of the ministries and other central authorities for the development of own branch (industry) through R&D,
- improve the economic and social benefits of the international S&T cooperation,
- enhance the competitiveness of the native production and services by S&T

# Objectives in Coordination of S&T Cooperation



- improve the vertical and horizontal S&T cooperation,
- develop the S&T cooperation between national and regional level,
- set up regional S&T structures

# Objectives in Human R&D Recourses



- provide sufficient well-educated human recourses for R&D,
- attract young people to work in R&D and devolop scientific career,
- set up conditions for growth of doctorands number,
- support of R&D mobilities among countries and among R&D sectors,

# Objectives in Human R&D Recourses



- increase the qualification of researchers,
- improve the financial conditions of researchers,
- ensure conditons for return of scientists home

# Objectives in Technical R&D Infrastructure

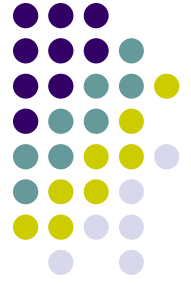


- systematically upgrade and build technical R&D infrastructure from public and private sources,
- technical R&D infrastructure built from public sources have to be available for all users,
- develop and operate virtual networks for support the fundamental services for the Slovak as well as European R&D Community (Central Information Portal for Science, Technology and Innovations)

# Thematic R&D priorities

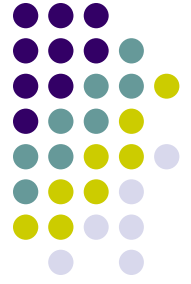


- Health – Quality of Life,
- Progressive Materials and Technology,
- Biotechnology,
- Knowledge Technology with Support of Information and Communication Technology,
- Infrastructure of Society,



# Thematic R&D priorities

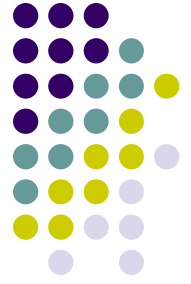
- Energy,
- Civilization Challenges,
- Cultural and Art Heritage of Slovakia,
- Security and Defence,
- Utilisation, Protection and Reproduction of Biological Sources,
- Protection of Environment,
- Utilisation of Domestic Raw Materials



# Objectives in S&T Support

- increase the direct S&T support to 1,8% of GDP in 2015,
- 2/3 of overall expenditures in 2015 should come from private sources,
- cut down the institutional S&T support and increase the support through public competition (35% : 65%),
- increase private sources – incentives for private sector

# Objectives in S&T Support



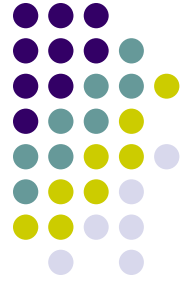
- increase the use of means of structural funds for S&T support,
- increase success of the participation in the FP7

# Objectives in R&D Support from Structural Funds



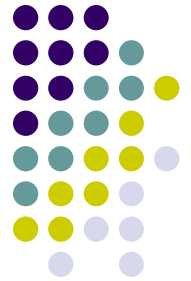
- Operational Programme „Education“ (ESF),
- Operational Programme „Research and Development“ (ERDF)

# S&T Support from OP „Education“



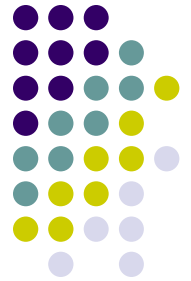
- support R&D human resources including PhD students,
- support mobilities of R&D human resources in EU countries

# S&T Support from OP „R&D“



- total amount 40,52 billion Sk for the period 2007 - 2013,
- main objectives:
- upgrading and building of R&D technical infrastructure,
- support of centres of excellence networking as the pillars of regional development,
- support transfer R&D knowledge and technology into the practise

# S&T Support from OP „R&D“



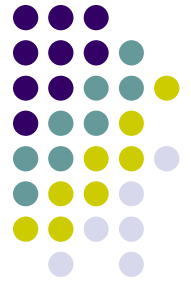
- implementation of objectives of OP „R&D“ through thematic R&D priorities

# International S&T Cooperation



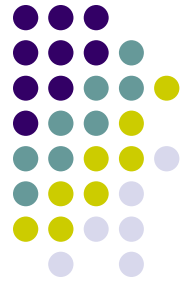
- take part in international S&T cooperation with economic and social benefits,
- open Slovak S&T system more for European cooperation,
- improve the participation of Slovak R&D institutions in European Programmes (7.FP)

# R&D expenditure on particular R&D fields (mil. Sk)



	2006	2007
Biotechnology	222, 727 / <b>175, 304</b>	223, 189 / <b>175, 332</b>
New Materials	196, 837 / <b>69, 431</b>	218, 332 / <b>82, 322</b>
Nanotechnology, Nanomaterials	59, 708 / <b>44, 736</b>	79, 260 / <b>48, 390</b>
ICT	407, 243 / <b>129,021</b>	375, 245 / <b>88, 957</b>

# Significant supporter



- R&D Support Agency – 29 R&D projects – 118,307 mil. Sk



- Thank you very much for your attention!
- [marta.cimbakova@minedu.sk](mailto:marta.cimbakova@minedu.sk)