

Trends in Science and Technology up to 2015, including Structural Funds Support

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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 direct 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 resources for R&D,
- attract young people to work in R&D and develop scientific career,
- set up conditions for growth of doctorans number,
- support of R&D mobilities among countries and among R&D sectors,

Objectives in Human R&D Recourses

- increasing 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 have to be available to all interested users,
- develop and operate virtual networks for supporting 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 7th framework programme

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 mld. 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,
- 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

Innovation:

Under the objective of „Transfer R&D knowledge and technology into the practise“ will be supported:

- **building and support of Regional Research and Innovation Centres**

S&T Support from OP „R&D“

- building of centres of competence of applied research, broker centres for technology and knowledge transfer, support of partnership of universities with state R&D institutions and entrepreneurial sector,
- building up tools of innovation policy (innovation centres, technology platforms, information centres)

- Thank you very much for your attention!
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