Research and Innovation Strategy for Smart Specialisation of the Slovak Republic

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Why is it here

- One of the strategic ex-ante conditionalities for the Multiannual Financial Framework 2014 - 2020
- Fundamental strategic framework document for the promotion of research and innovation in the forthcoming programming period 2014 – 2020
- Basis for the preparation of several operational programs, in particular OP Research and Innovation
- Approved by Government Resolution no. 665/2013 of 13 November 2013 and accepted by the EC
From the perspective of the strategy the most important is:

- Maintaining industry, whose share in GDP is one of the highest among the EU countries (25.8% in 2013)
- Reorienting of supply-oriented research on demand-oriented research for the enterprises
- Improving commercialization of research and development
- Promoting innovation in enterprises, not only technological but also procedural
- Relevant skilled workforce regard to the needs of the market
Position of Slovakia

Figure 1: EU Member States’ innovation performance (21. miesto)

Share of industry in GDP

Vision

To drive a structural change of the Slovak economy towards growth based on increasing innovation capability and R&D excellence to promote self-sustaining growth in income, employment and standard of living
What we have got...

Anchored industry with links to the R & D base
• Automotive, engineering, electrotechnics, iron and steel

Fields of available scientific and research capacities
• materials, nanotechnology, ICT, biotechnology and biomedicine, energy
• Agriculture and Environment

Prospective areas of specialization
• Automation, robotics, digital technology and creative industries
• light metals and their alloys, polymers
Goals

- **Further integration and anchoring of key industries** (increase the proportion of companies that are shifted to a higher level in the supply chain)

- **Increase the contribution of research to economic growth** (the share of R & D spending at 1.21% of GDP by 2020, increase the proportion of private / public funding 2: 1)

- **Create a dynamic, open and inclusive innovative company** (improve conditions for increasing innovation performance, knowledge intensive services, creative industries)

- **Improve the quality of human resources** (increase the employment of graduates of secondary schools and universities, and improve links with the educational system practice)
How to achieve this?

**R&D and innovation**
- completion of infrastructure and capacity development
- improve cooperation with enterprises and academic sectors (eg. in the form of clusters)
- establish a functional system of innovation support
- protection and exploitation of intellectual property
- commercialization of R & D solutions

**The emergence and growth of businesses**
- Incubators and start-up businesses
- Financial instruments (credit, guarantee schemes, venture capital, micro loans)
- The internationalization of enterprises

**Human Resources Development**
- Improving the quality of students and lifelong learning
- Improvement of business involvement in education
We implement...

Scheme to support clusters
• de minimis aid to enhance the competitiveness of industrial clusters members
• allocation for 2015 - 130 000 (aid intensity of 70%)
• the lowest amount of one grant: 10 000, - EUR.
• the maximum amount of one grant: 20 000, - EUR.
• 6 clusters supported

Innovation vouchers
• support the development of innovative activities in collaboration with the R & D departments
• allocation for the year 2015 - 370 000 EUR
• grant for SME applicants - 5000, - EUR (aid intensity 100%)
• grant bigger than SME - 10 000, - EUR (aid intensity of 45%)
• 43 SME´s and two other supported

• Integrated institutional governance of the public administration of R & D, as an essential element of overcoming the fragmentation

• Changes in legislation related to the objectives of RIS3

• Financial frameworks and their consistency with the priorities and objectives of RIS3

• Strict financial parameterization expenditure for R & I and promoting competitiveness within the RIS3
Thank you for your attention.