



Republic of Serbia
Ministry of Education Science and
Technological Development

Building a better eco-system for Research Transfer Technology and Innovation

Marina Vukobratovic Karan



Legal framework

- **Law on ministries** - provisions defining competencies of the Ministry of Education, Science and Technological Development (MESTD) in the respective areas;
- **Law on Innovation Activity** - regulates basic principles, goals and organization of application of scientific knowledge, technical and technological knowledge and inventiveness;
- **Law on Scientific Research Activity** - regulates the system of scientific research in Serbia.
- **new Strategy „Research for Innovation 2020” for the period 2016-2020 with the Action plan adopted in July 2018**
 - Key objective: The restructuring of the public R&D system together with efforts toward recognition and **integration of the R&D sector into the national innovation system.**
 - Vision: The Republic of Serbia as an innovative country, where scientists attain European standards, contribute to society’s overall level of knowledge and advance the technological development of the economy.
 - Most relevant **goals**:
 - ✓ Advancement of R&D through partnership with relevant domestic and international institutions.
 - ✓ Technological development and transfer of technology.



Ministry of Education, Science and Technological Development

Competences in the field of innovation activity:

- Responsible for establishing and implementing innovation policy
- Stimulating techno-entrepreneurship
- Transposition of knowledge and technologies into the economy
- Development and upgrading the innovation system
- Regulations in the area of protection and transposition of IPR
- Providing conditions and monitoring implementation of the Programmes of Innovation Activity
- Submitting proposals to the Government regarding the measures for eliminating detected problems (if needed)



INNOVATION STRUCTURE - Law on Innovation Activity

Subject of innovation activity = legal entity or individuals performing the innovation activity, including legal entities established to provide services in the innovation filed.

Subjects of innovation activity registered within the Innovation Activity Registry:

Registries of LEGAL ENTITIES	Number of subjects registered:
Registry of Organizations for the Performance of Innovation Activity (business entities)	
Development and Production Centers	49
Research and Development Centre	26
Innovation Centre	6
Registry of Organizations for Rendering Infrastructural Support to Innovation Activity (business entities)	
Business and Technology Incubator	8
Science and Technology Park	3
Organization for Encouragement of Innovation Activities in the Priority Sphere of Science and Technology	/
Centre for Transfer of Technologies	/
Registry of R&D organizations	
Centers of excellences registered within the Registry of R&D organizations	11
Registry of INDIVIDUALS	80

Source: Registries of the Ministry of Education, Science and Technological Development

IMPORTANT: Significant number of subjects operating **without** being registered within the Registry



Governmental Annual Program of Innovation Activity defined in accordance with the national Strategy of Scientific and Technological Development and implemented in accordance with the **Regulation on the establishment of the program for innovative activities** adopted by the MESTD for the respective budgetary year (8 calls so far)

Call for proposals	Applications	Innovation projects selected for financing	Infrastructure projects selected for financing	Total financing awarded	Envisioned time period	Innovators
TOTAL:	921	343	48	€ 9.3m	2006-2017	124 (€ 0.8 m)

Source: Registries of the Ministry of Education, Science and Technological Development

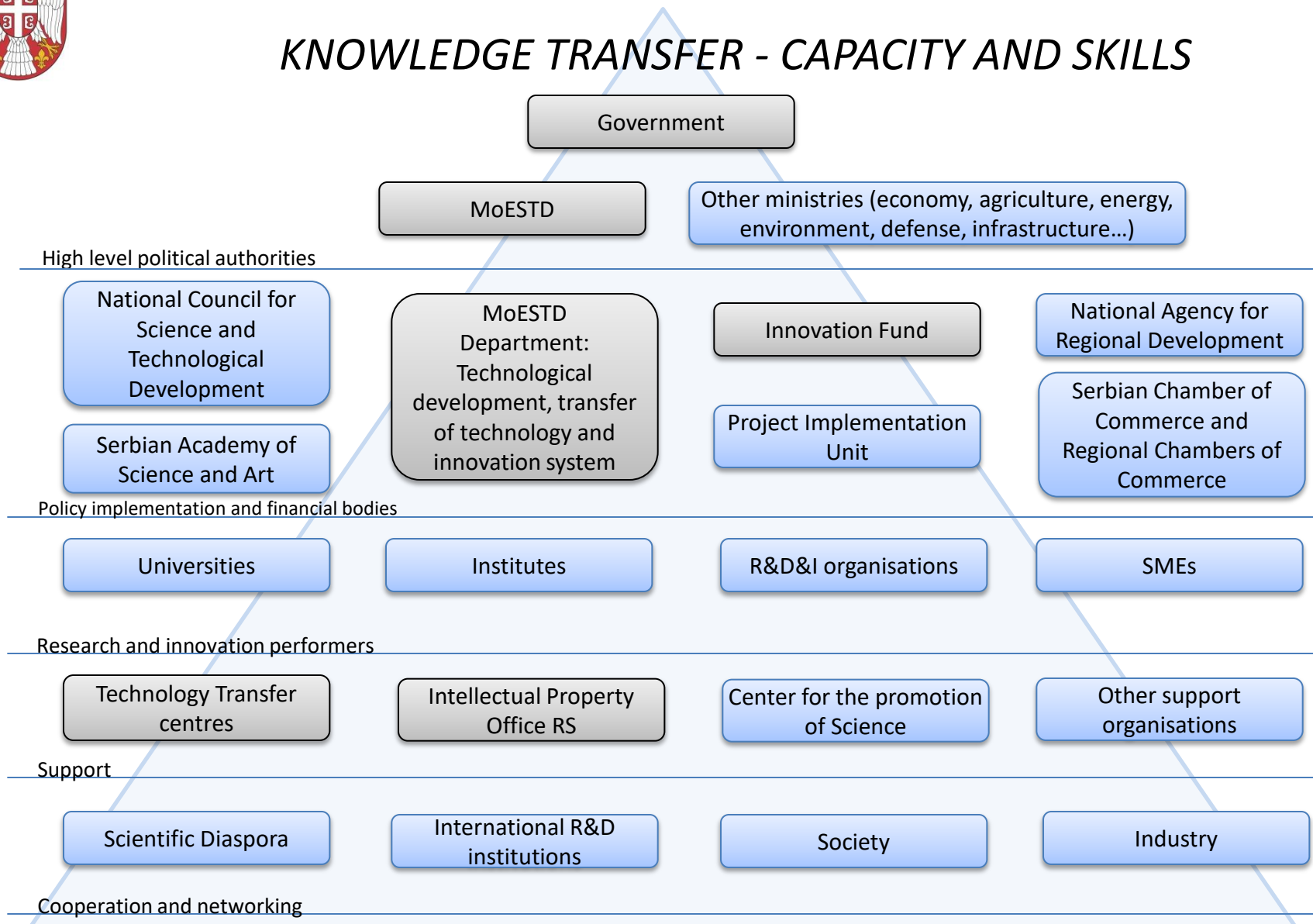
Transfer of technology is supported in 119 innovation projects out of 343, within 6 established Innovation Centers on major PRO

- **Results achieved in Call for proposal:**

projects resulted with final product ready for market valorisation, projects resulted with software ready for market, projects resulted with new or enhanced technology, projects resulted with service ready to offer on the market, projects invested in innovative infrastructure and improvement of production, projects resulted with functional prototype, technical solutions, industrial solutions, published paper, patent applications.



KNOWLEDGE TRANSFER - CAPACITY AND SKILLS





About the Serbian Innovation Fund

- Established by the Law on Innovation Activity for the purpose of providing funding for innovation and encouraging innovativeness
- Operationally functional from 2011
- Public and Government owned but independently operating entity
- Financed through cooperation with international financial institutions, organizations, donors and the private sector
- Maintaining the database on the programmes, projects and other activities in the field of the innovation activity funded by the Innovation Fund



Serbian Innovation Fund

- **MINI GRANTS PROGRAM** - aimed to support an early-stage, private, micro and small Serbian enterprises, which possess a technological innovation that have a potential for creation of a new intellectual property (IP), and clear market need;
- **MATCHING GRANTS PROGRAM** - aimed to expand collaboration opportunities for Serbian innovative micro, small and medium companies with strategic partners (e.g. private sector industry, R&D organizations and venture capital/private equity funds) with the goal to increase private sector investment in technology development and commercialization projects for new and improved products/services
- **COLABORATIVE GRANT SCHEME**- consortium of one private sector micro, small or medium company founded in Serbia as the consortium's Lead Applicant and one public sector scientific research and development organization, registered in accordance with the Law on scientific research activity of the Republic of Serbia as the Lead Co-Applicant
- **INNOVATION VOUCHERS**- new service line for small and medium-sized enterprises in Serbia that wish to engage in the development of its business through collaboration with research organizations



Results achieved - Innovation Activity

- **Best Technological Innovation Competition** (since 2005)
 - ✓ Significant financial support
 - ✓ Free professional and educational assistance
 - ✓ Free media promotion
 - ✓ Raising awareness on recognizing innovative potential and possibilities both in Serbia and Diaspora

- **4 Technology Transfer offices** within major Universities on Serbia - establishing and improving capacities:
 - 1) Center for TT within the University of Belgrade,
 - 2) Three units of knowledge transfer established at the University of Novi Sad: Innovation Center, Technology Transfer Center and a Novi Sad Science Technology Park in the final phase,
 - 3) Centre for Transfer of Knowledge as an organizational unit of the University of Kragujevac,
 - 4) Centre for Technology Transfer an organizational unit of the University of Nis.



Next steps

- ***New law on Science Fund*** (to established independent implementing agency for research, technology transfer, mobility of researchers) - in preparation, end of this year;
- ***New Law on Scientific Research Activity*** (*to define mix of institutional and project based funding for research and to promote research excellence and relevance*) – in preparation
- Designing and adopting the **new Law on Innovation Activity**, during 2019
- **Research Infrastructure Roadmap** with technical support through World Bank- in preparation;
- ***Smart Specialization Strategy RIS3***- in preparation
- **Allocating budgetary funds for financing innovations** through new Public call for innovation organization according the Law on innovative activities, beginning of the 2019
- The **new projects cycle for science and technological development** has to be launched in 2019 through the new Fond for Science – competitiveness projects;



Thank you for your attention!