



**State University – Higher School of Economics**



# **Russia-EU cooperation policies: practical examples**

**Liliana Proskuryakova**  
lproskuryakova@hse.ru

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# Presentation overview

- ◆ **Russia's policy priorities**
- ◆ **Comparison of Russia and EU policy priorities**
- ◆ **Russia-EU cooperation**
- ◆ **Russia's S&T policy changes**
- ◆ **Fostering Russia-EU S&T cooperation**

# Russia's S&T policy priorities

- ◆ Advance partnership with the EU based on accumulated cooperation experience
- ◆ Resolve domestic S&T and innovation development tasks
- ◆ Provide for the most favorable environment for partnerships between European and Russian research centers/ groups in the areas of mutual interest
- ◆ Acquire new knowledge and technology

<b>Russia's guiding principles</b> (Source: Ministry for Education and Science, Ministry for Economic Development)	<b>EU guiding principles</b> (Source: EC Delegation to Russia)
Enhancement of the international <b>competitiveness</b> of the European science and industry through Russia's advanced patents and developments	Support <b>competitiveness</b> through strategic partnerships with third countries in selected R&D fields
Support to creation of European Information Society	Coordination b/n European Community and EU member states
Provide for the most favorable environment for partnerships between European and Russian research centers/ groups in the areas of <b>mutual interest</b>	Address specific problems facing third countries on the basis of mutual interest and <b>mutual benefit</b>
Advance <b>partnership</b> with the EU based on accumulated cooperation experience (International Science and Technology Centre, etc.)	Use S&T cooperation to reinforce EC <b>external relations</b> and other relevant policies
Implementing <b>large-scale</b> joint projects in the area of the outer space exploration	Address <b>global</b> challenges

# Russia and the EU thematic priority areas

RF Priority S&T Areas	FP7 "Cooperation"
Information and telecommunications systems	Information and Communication Technologies
Nanosystems industry and materials	Nanosciences, Nanotechnologies, Materials and New Production Technologies
Living systems	Food, Agriculture & Fisheries, & Biotechnology+ Health
Rational nature use	Environment (incl. Climate Change)
Power engineering and energy saving	Energy
Transport, aviation and space systems	Transport (including Aeronautics) +Space
Safety and terrorism counteraction	Security

# Russia-EU cooperation: legal base needs to be updated

- ◆ EU-Russia Partnership & Cooperation Agreement (effective till December 2007)
- ◆ EC-Russia S&T Cooperation Agreement (effective till 2009)
- ◆ Road-map for the Common EU-Russia Space in Research, Education & Culture (approved at EU-Russia summit in 2005)
- ◆ Russia's Middle Term Strategy towards the EU (2000-2010)
- ◆ Euratom-Russia Cooperation Agreement in Nuclear Fusion
- ◆ Euratom-Russia Cooperation Agreement in Nuclear Safety
- ◆ The bilateral S&T, R&D cooperation programmes with 15 individual EU members states

## Russia-EU cooperation: accumulated positive experience (dialogue)

- ◆ **Joint EC-Russia S&T Cooperation Committee** (S&T Agreement Steering body)
- ◆ **Joint EU-Russia thematic working groups in priority areas:** *Nano, Health, Food, Agriculture, Biotechnologies, Sustainable Energy, etc.* (DG Directorate level)
- ◆ **Permanent Partnership Council in Science** (Ministerial level)
- ◆ **Network of Russian and European national contact points**
- ◆ **Frequent meetings of EU & Russian scientists & specialists** (expert level)

# Russia-EU cooperation: accumulated positive experience (coordinated activities)

## Coordinated calls for proposals:

- ◆ FP7 and FTP "R&D": research infrastructure (5,7 bln RUR)
- ◆ 2007-2008: Launch of EU-RU coordinated calls for co-funded research proposals in Energy and Food-Agriculture-Biotechnology
- ◆ 2008-2009: Launch of EU-RU coordinated calls for co-funded research proposals in Health and Nanotechnologies & New Materials
- ◆ Preparation of EU-RU coordinated calls for co-funded research proposals in Aeronautics and in Nuclear Fission Energy research in 2009-2010

## International initiatives (International S&T Center, etc.)



# **Russia's policy and regulatory changes**

# S&T policy changes: key documents

- ◆ **The Russian Ministry of Education & Science** submitted to the Government in December 2008 a **Long-term forecast of the S&T development of the Russian Federation until 2025**, based on Foresight Methodology
- ◆ **The Intergovernmental Commission for Research and Innovation Policy** approved in 2006 the **Strategy for the development of Science and Innovation in the Russian Federation in the period until 2015**
- ◆ **Nanoindustry Development Strategy**
- ◆ **Action plan for stimulating innovation activities of enterprises, 2009-2010**

## Russia's S&T Federal Targeted Programs (FTP)

- ◆ 13 S&T targeted programs under implementation in 2009
- ◆ Federal Targeted Program "Research and Development in Priority Fields of S&T Complex of Russia for 2007-2012"
  - ◆ RUB195 bln (approx. EURO5,620 bln), 69% budgetary funding, 31% non-budget sources
  - ◆ Nanotechnologies & materials; Life sciences; Power engineering & energy efficiency; Rational nature management; Information-communication technologies
  - ◆ Funds available to support international or business partnership (under the Activity 2.7)

# S&T policy changes -1

- ◆ Better performance of science and education institutions: lifting some limitations for budgetary institutions for the use of IPR
- ◆ Extending competitive distribution of budgetary appropriations, based on co-funding from non-budget sources
- ◆ Creation and priority support to large backbone organizations – world class research centers
- ◆ State support to implementation of development programs or research universities and S&T organizations

# S&T policy changes -2

- ◆ **Development of international S&T cooperation concept**
- ◆ **Creation of centers for monitoring and evaluation of existing and perspective technologies in the World**
- ◆ **Support to international industrial cooperation, incl. technological alliances in high-tech sector**

# Fostering Russia-EU S&T cooperation: available mechanisms

- ◆ **Joint RFBR – CNRS – DFG programs**
- ◆ **Funding available for foreign companies from: Russian Venture Company; RUSNANO; some FTP**
- ◆ **Activities and projects of the Ministry-created non-profit organization “Science-forum”**

## **Fostering Russia-EU S&T cooperation: planned in short-term perspective**

- ◆ **Jointly identified at EU-Russia Working Groups S&T priorities, to be approved at higher level**
- ◆ **Coordinated calls:**
  - ◆ **Appropriate instruments: SICA targeting Russia in 7FP, matching calls in the Russian R&D Programme**
  - ◆ **Improved communication: timely provision of fact-sheets on submission and selection of applications with Russian participation, etc.**
- ◆ **Support to International Mobility of Researchers, e.g. within ongoing R&D projects**