

ACTIVITY OF EU-RUSSIA JOINT WORKING GROUP ON NANOTECHNOLOGY:

OBJECTIVES, FIRST RESULTS AND FUTURE PROSPECTS

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EU-RUSSIA JOINT WORKING GROUP ON NANOTECHNOLOGY IS:

- Practical instrument for the implementation of Roadmap for the EU-Russia Common Space of Research and Education including Cultural Aspects (approved at EU-Russia summit in 2005)**
- Established following the high-level decision taken by the Minister A.Fursenko and the Commissioner J.Potočnik**
- Affiliated to the Joint EU-Russia S&T Cooperation Committee (Steering Body of EU-Russia S&T Agreement)**



EU-RUSSIA JOINT WORKING GROUP ON NANOTECHNOLOGY:

□ Co-Chaired by:

- Alexander Khlunov, Director of the Department of Science and Innovation Policy of MON
- Nickolas Hartley, Director of the Nanotechnology Directorate, DG Research

□ Includes (from Russian side):

- Representatives of MON, RAS
- Head of the Expert Panel on NANO of the Russian Federal R&D Programme
- Russian NANO NCP

□ Consists of max. 4-6 members from each side



EU-RUSSIA JOINT WORKING GROUP ON NANOTECHNOLOGY

Main objective

- ❑ **Shaping common research agenda in the NANO Domain and identification of areas of mutual interest**
- ❑ **Considering appropriate instruments for coherent actions (e.g. EU-Russia coordinated calls) in agreed fields corresponding to the objectives of the EU/Russia 4th Common Space**
- ❑ **Planning short- and medium-term research tasks and practical actions aimed at strengthening cooperation in common agreed areas**
- ❑ **Forwarding proposals for specific items to the consideration of 7FP Programme Committee on Nanotechnology (to be included into a corresponding WP)**



EU-RUSSIA JOINT WORKING GROUP ON NANOTECHNOLOGY, *DIALOGUE BACKGROUND*

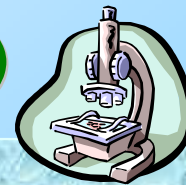
RUSSIAN FEDERATION

Federal Target-oriented
Programme
“Research and Development
in Priority Fields of S&T
Complex
of Russia for 2007-2012”
(overall funding 195 bln. RUR)

EUROPEAN UNION

7th Framework Programme of
the European Union for
Research, Development for
2007-2013

(overall funding 54 bln. €)



43,5 bln. RUR

Nanotechnologies & materials

3.5 bln €



EU-RUSSIA JOINT WORKING GROUP ON NANOTECHNOLOGY, *BACKGROUND FOR COORDINATED CALLS*

RUSSIAN R&D PROGRAMME

MODULE 2. TECHNOLOGY DEVELOPMENT

Activities

Activity 2.2. R&D projects
in the fields of
Nanotechnologies and
Materials

Activity 2.7. Projects
implemented jointly with
international partners or
businesses

7th FRAMEWORK PROGRAMME

**Cooperation –
Collaborative research**

Thematic Priority:
*“Nanosciences,
Nanotechnologies, Materials
and new Production
Technologies”*

Instruments:

- Targeted openness to the 3rd countries (e.g. Russia)
- Specific International Cooperation Activities (SICA)



EU-RUSSIA JOINT WORKING GROUP ON NANOTECHNOLOGY

PROPOSALS FOR TOPICS OF EU-RUSSIA COORDINATED ACTIONS

(Results of 2 previous meetings, February and October 2006)

- I. **Materials with amorphous, quasicrystalline and amorphous-nanocrystalline structure**
- II. **Multiscale composite materials**
- III. **Nanostructured materials with hierarchical porous structure for the development of highly efficient, flexible and environmentally friendly catalytic technologies**
- IV. **Design and self assembly of hybrid «organic/semiconductor» nanosystems for new nanophotonic devices and facilities**

To be addressed through SICA type calls or “targeted openness for Russia”



EU-RUSSIA JOINT WORKING GROUP ON NANOTECHNOLOGY

What then ?

- ✓ **Launching coordinated calls since 2008**
- ✓ **Integrating of systems of expertise and performing joint selection of applications**
- ✓ **Having SICCA with Russia for large-scale collaborative projects**



Further information

- Ministry of Education and Science of Russia
 - www.mon.gov.ru
- Federal Agency of Science and Innovations:
 - www.fasi.gov.ru
- Directorate of Federal Research Programme
 - www.fcntp.ru

**THANK YOU
FOR YOUR
ATTENTION**

