

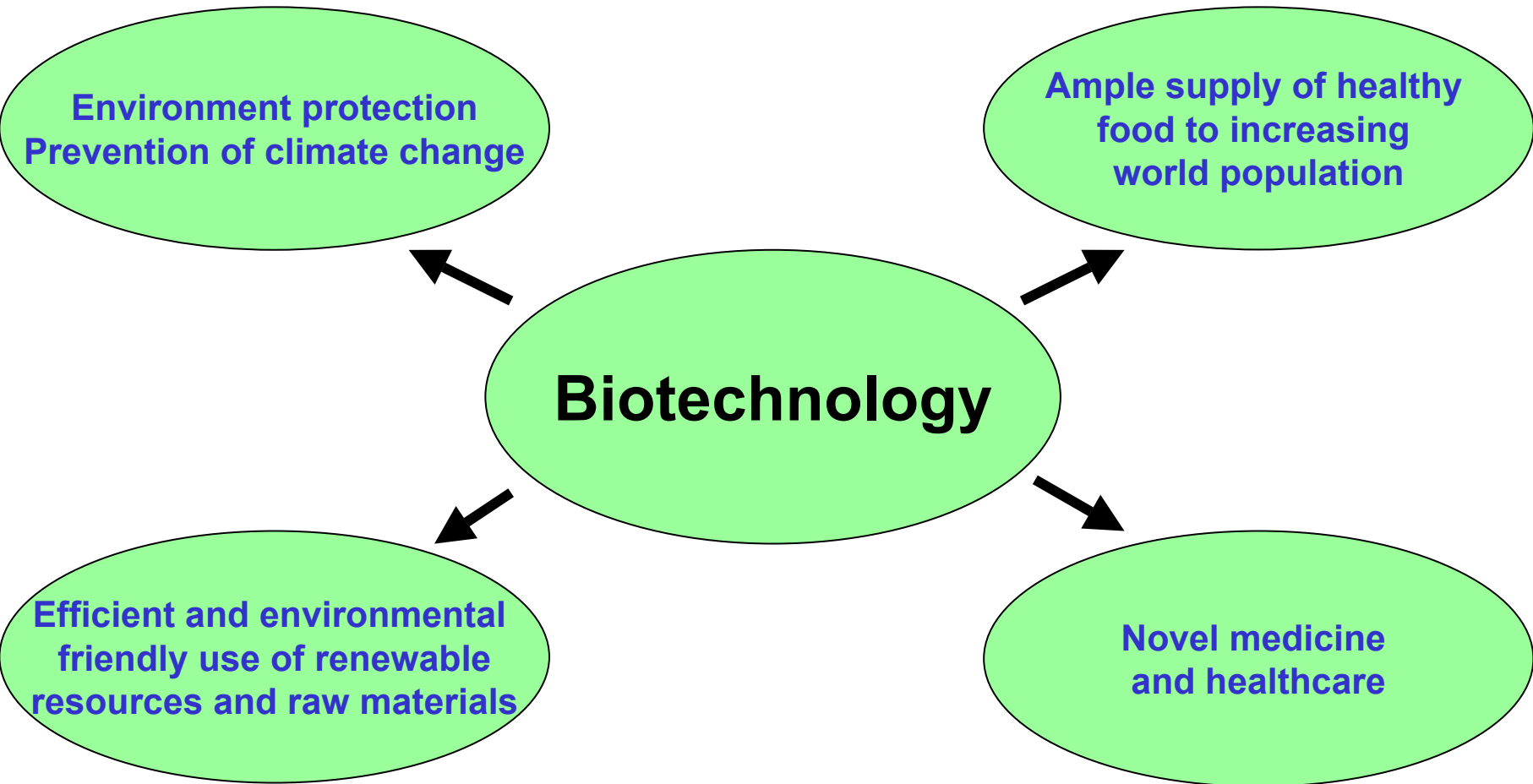


EU-Russia Co-operation in FAB

Prospects for the 7th Framework
Programme Cooperation,
NCP view



XXI century challenges





National priorities

- National priorities in science, technology and technique areas
 - Information- and telecommunication technologies and electronics
 - Nanotechnologies and materials
 - **Life sciences (Technologies of the live systems)**
 - Environment protection and rational nature management
 - Energy and energy-saving
 - Security and anti-terrorism activities
 - Advanced weapons, military and special machinery and equipment
- Critical technologies in Life sciences
 - Bioengineering technologies
 - Bioinformatics technologies
 - Cell technologies including stem cells
 - Biomedical technologies for life support and human protection
 - Genomic and postgenomic technologies for drug development
 - Biocatalytic, byosynthetic and biosensing technologies

Instruments of state regulation and support

- Russian Academy of Sciences Grant/year, K€
 - Basic research projects 10-100
 - Support of innovative projects 20-50
- Funds Grant/year, K€
 - Russian Fund for Basic Research 10-30
 - State Fund for Support of SMEs 20-100
 - Russian Fund of Technological Development 50-1000
- Ministry of Education and Science
 - Federal R&D programme in Life Sciences 2007-2009

	Sum, M€	Grant/year, M€
■ "Mega" projects	~30	>5-10
■ Integrated projects	~150	1-3
■ Others	70	>0.3



EU-Russia co-operation

- Goal
 - Facilitate integration of Russian scientific community into European Research Area
- Objectives
 - Develop a mechanism of defining Russian R&D priorities which are relevant to European FP7 topics
 - Develop a mechanism for decision making and implementation of joint EC-Russia decisions



Intensification of EU-Russia dialogue

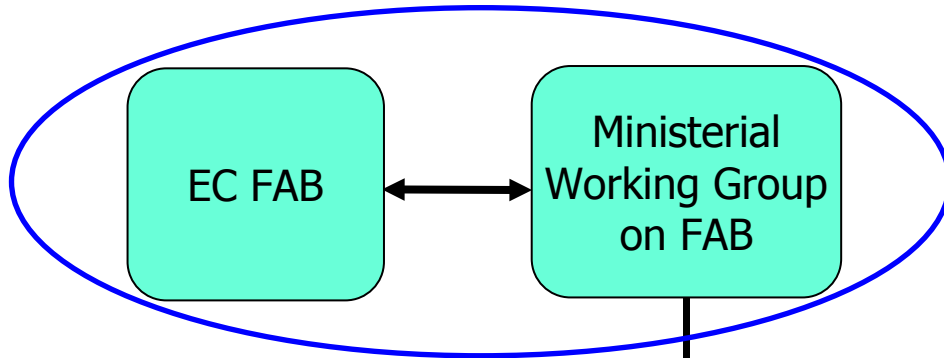
- Disseminate information
- Bring experts together
- Identify common priorities, look for synergism
- Complement expertise
- Convenient instrument - Technology Platforms
 - Essential element of FP7
 - Formulation of Strategic Research Agenda
 - Enable harmonization of interests of diverse stakeholders, countries and regions



FAB technology platforms

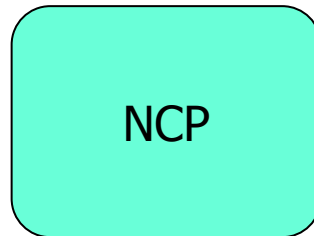
- Industrial Biotechnology
- Biofuels
- Forestry
- Plants for the Future
- Animal Health
- Food Safety

Structuring Russian biotech community

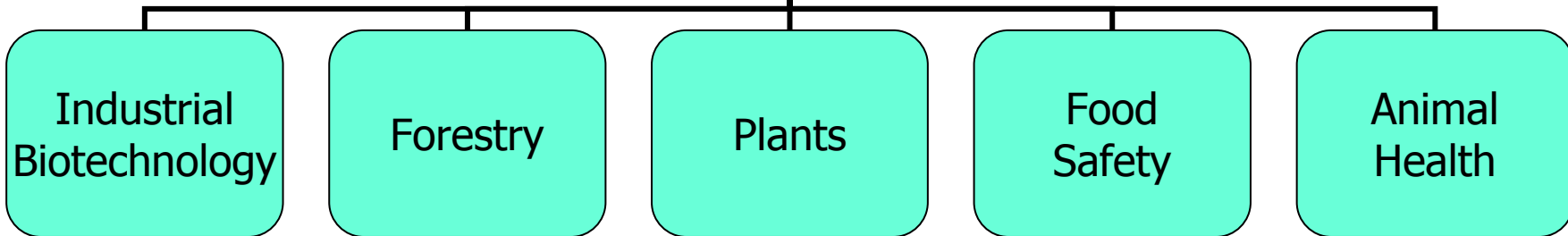


- WG established in 2006
- Provides a mechanism for decision making

NCP advises to and implements WG decisions



Comprises leading Russian scientists



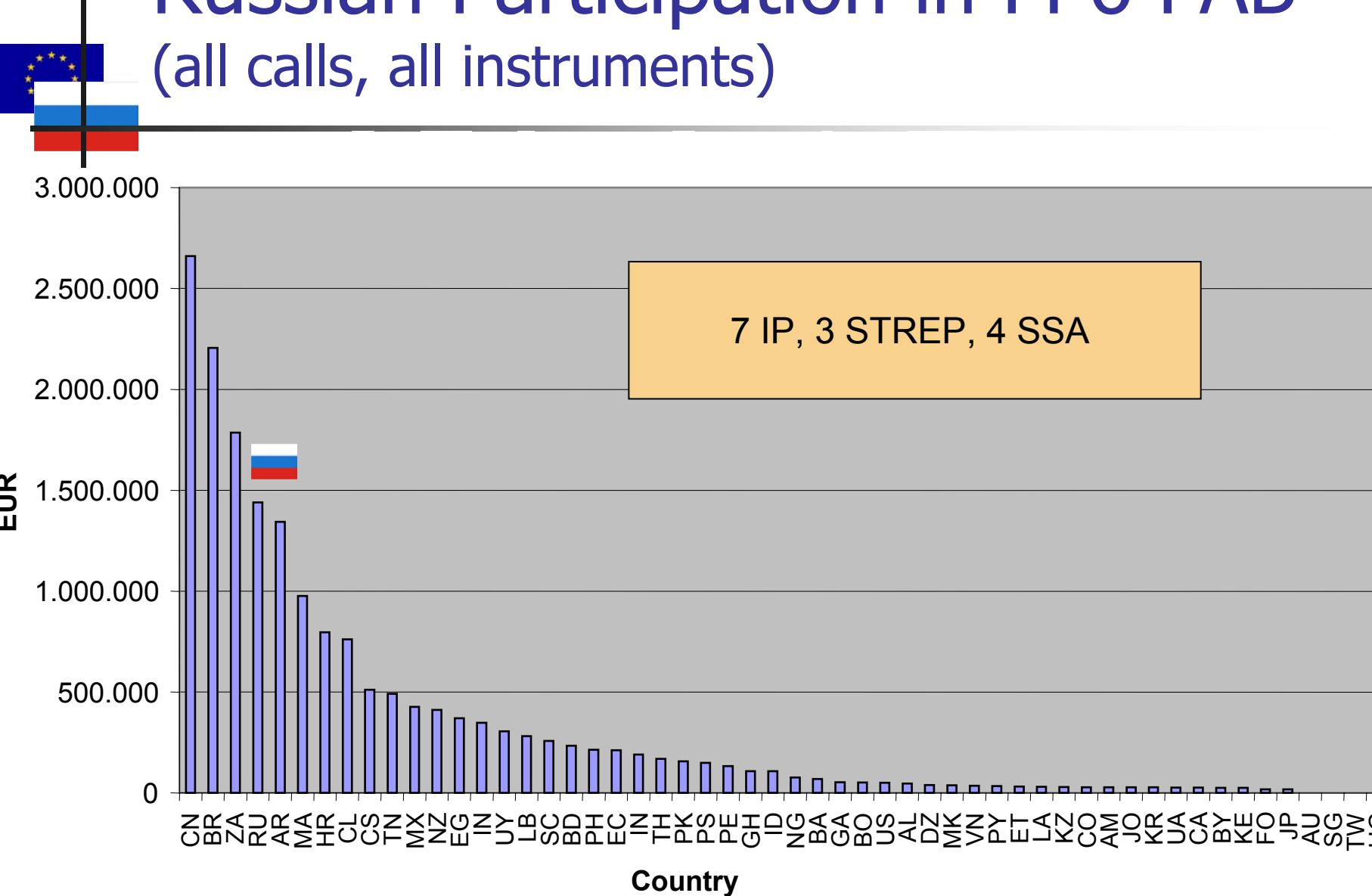


Structuring Russian biotech community

- The main objectives of the NCP Steering Group and FAB-NCP:
 - establishing national Technology Platforms
 - facilitating formulation of Russian research priorities for co-operation with EU in FP7
 - establishing direct work contacts with the relevant EU Technology Platforms and decision making bodies
 - formation of Russian pre-consortia for FP7

Russian Participation in FP6 FAB

(all calls, all instruments)



National FP6/7 FAB contact point

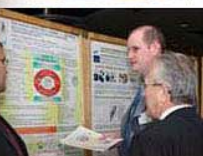
Establishing Russian Regional Contact Centers



Arkhangel'sk, Irkutsk, Khabarovsk, Nizhniy Novgorod, Novosibirsk, Petrozavodsk, Rostov, St. Petersburg, Saratov, Vladivostok, Voronezh, Yekaterinburg

EU-RUSSIA Symposia on FP6/7 FAB priorities - discussion forum & brokerage place

- An important instrument to strengthen EU-Russia cooperation in biotech area
 - I Moscow 2004
 - II Moscow 2005
 - III St.Petersburg 2006
 - **IV Suzdal 2007**



EU-RUSSIA Symposium “Prospects for R&D cooperation in biotechnology in FP7”

5-8 June 2006 St. Petersburg

Objectives:

- Discussion of key issues and prospective of R&D cooperation between Russia and EU in Biotechnology in FP7

Main results:

- Joint Declaration of the EC-Russia Working Group on Agro-Bio-Food
- Presentation of Russian Technology Platforms

Participation and Visibility:

- More than 200 scientists, SME representatives and multipliers from Russia and NIS countries
- About 50 experts from EU
- International School of Young Scientists «Biotechnology for the Future»
 - more than 60 young scientists from EU and NIS
- Brokerage Events and Poster Sections



Perspectives for FP7

- Increase in Russian participation
- Taking into account Russian RTD priorities when formulating a call
 - There will be 3 topics with obligatory Russian participation (SICA) in Calls 1 and 2 of FP7
- Coordinated calls
 - Provision of additional funding for successful Russian participants of FP
 - Special bilateral EU-RF calls in specific areas

Specific International Co-operation Actions with Russia



- **FP7-KBBE-2007-1** *Animal By-Products - Novel methods of treatment of animal by-products for the production of substances with biologically valuable functional properties*
- **Indicative 2008** *Industrial Enzymes - Rational design of biocatalysts and enzyme systems with requested properties*
- **Indicative 2008** *Plants as Edible Vaccines*
- **To be continued?**

FP7 should lay down a new era of EC-Russia RDT co-operation

- Mechanisms of collaboration of EU and Russia are in place
 - Working Group EC-ME&S established
 - implementation
 - decision making
 - Regular Biotechnology EU-RF Symposia
 - discussion forum
 - brokerage place
- Russian TPs mirroring ETPs formed
 - Intensification of the dialogue
- EU-Russia R&D priorities along the lines of TPs agreed
 - SICA calls
- First coordinated calls implemented



FP7 – your research opportunity

- Ways to success
 - Be proactive
 - Communicate
 - Join Russian TPs
 - Learn to participate in FP
 - Use NCP resources and capabilities



Thank you for attention

Good luck in FP7!



InJoy&Train Project



- *InJoy&Train* project – 2-years SSA grant from FAB-Directorate EC
- Objective – involving R&D specialists, multipliers and SMEs from Kazakhstan, Russia, Ukraine, Armenia, and Belarus (KRUAB) for enhancing of participation in EC FP7 Programme on FAB priorities
- *InJoy&Train* project will improve national expertise on the EU's Framework Programmes and its instruments in KRUAB countries
- The project will:
 - provide preferable possibilities for information exchange in FAB research areas
 - promote competencies of KRUAB countries in the relevant fields in EU countries
 - ensure awareness and training activities
 - provide all-round assistance in proposal preparations within FP7 Programme on FAB priorities.

InJoy&Train Project



- Web-site of «InJoy&Train» project
- Training of EC FP7-FAB participants
- News Letters dissemination
- «CATALOGUE» of EC FP7 FAB Profile Forms

