



DLR Project Management Agency

The ERA.Net RUS Plus Initiative

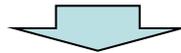


Setting the Scene

Common EU-Russian Interests

Mutual integration of scientific and technological potentials by **integrating Russia and the European Research Area** by

- ❖ **addressing common priorities:** Global challenges such as global health, sustainable low-carbon economy, energy efficiency and fighting climate change
- ❖ establishing joint funding mechanisms for **pooling competencies and resources**



ERA.NET SCHEME
to fulfill these interests

The ERA-NET Scheme in the EU's RTD Framework Programme

Scope

- Objective: Develop and strengthen the **coordination of national and regional research programmes** through two specific actions:
 - **'ERA-NET actions'** - providing a framework for actors implementing public research programmes
 - **'ERA-NET Plus actions'**- providing, in a limited number of cases with high European added value, additional EU financial support to facilitate joint calls
- Under the ERA-NET scheme, national and regional authorities identify research programmes they wish to coordinate or open up mutually. The participants are typically **program owners** (ministries or regional authorities defining research programmes) or **programme 'managers'** (research councils or other research funding agencies managing research programmes).

Objectives of the ERA.Net Scheme with Russia:

- ❖ Promoting the **cooperation in S&T and innovation between Russia** and the EU via a coordination of Funding Programmes
- ❖ Providing a basis for a joint programmatic approach aiming at more efficiency through **increased coherence and coordination**
- ❖ Building a bridge for a **strong Russian participation in Horizon 2020**
- ❖ Contributing to further develop the “**EU-RUSSIA Strategic Partnership in Research and Innovation**”

I. REVIEW: ERA.Net RUS initiative (2009-2014)



ERA.Net RUS



Joint funding
mechanism and
coordinated
programs

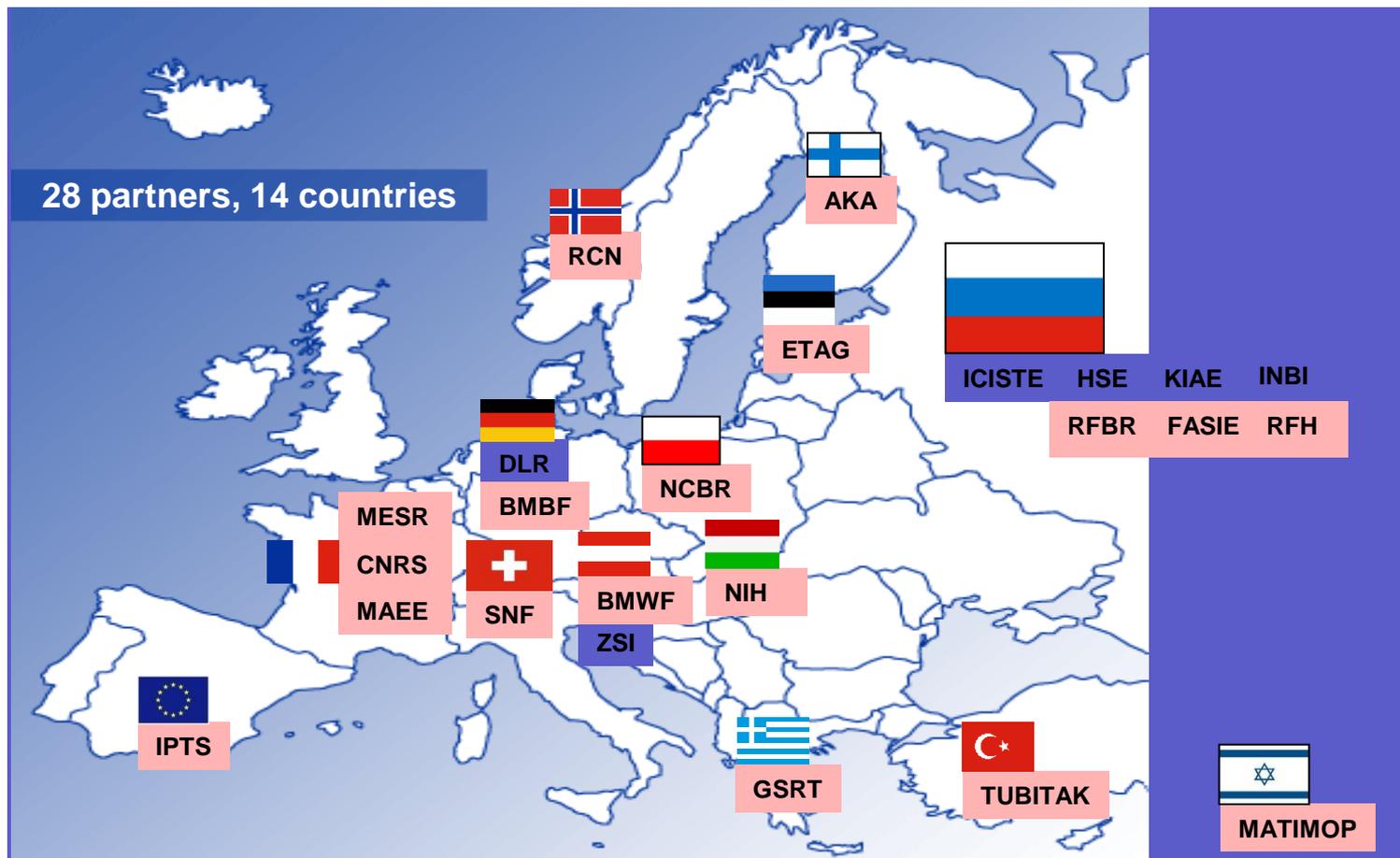
Duration: 2009-2014

Funding: 2.6 m €

Coordinator: German Aerospace Center, DLR

Partners: 20 from 12 countries

Consortium



- Program owners
- Specialised Agencies

Objectives



- ❖ **Development joint funding schemes** between EU MS/AC and Russian program owners to use the full potential of S&T cooperation
- ❖ **Overcoming of challenges** that the participation in multilateral joint call for S&T proposals seemed to hold for Russian program owners (especially regarding administrative procedures and the regulatory frameworks)
- ❖ **Increase of knowledge** on the Russian side on opportunities and conditions for joint calls

Pilot Calls in Innovation and S&T

Funding Principles

- ❖ Funding scheme: virtual common pot
- ❖ Provision of funds at national level („Juste Retour“)

Pilot Call in Innovation

R&D projects designed to lead to innovative products, services or processes of economic value

Topics	Open
Program owners	6 program owners from 6 countries: Germany, Russia, Israel, Turkey, Greece, Switzerland
Call budget	3.5 m €
Duration	24 months, starting beginning of 2012

Pilot Calls in Innovation and S&T

Funding Principles

- ❖ Funding scheme: virtual common pot,
- ❖ Provision of funds at national level („Juste Retour“)

Pilot Call in S&T

Collaborative S&T projects in the field of fundamental, experimental and theoretical scientific research

Topics	Innovative materials and cutting edge technological processes, environmental research and climatic change, research on serious human health problems, contemporary socio-economic studies
Program owners	20 program owners, 6 from Russia (RAS 4, RFBR, RFH)
Call budget	7.0 m €
Duration	24 months, starting end of 2012

Pilot Calls in Innovation and S&T



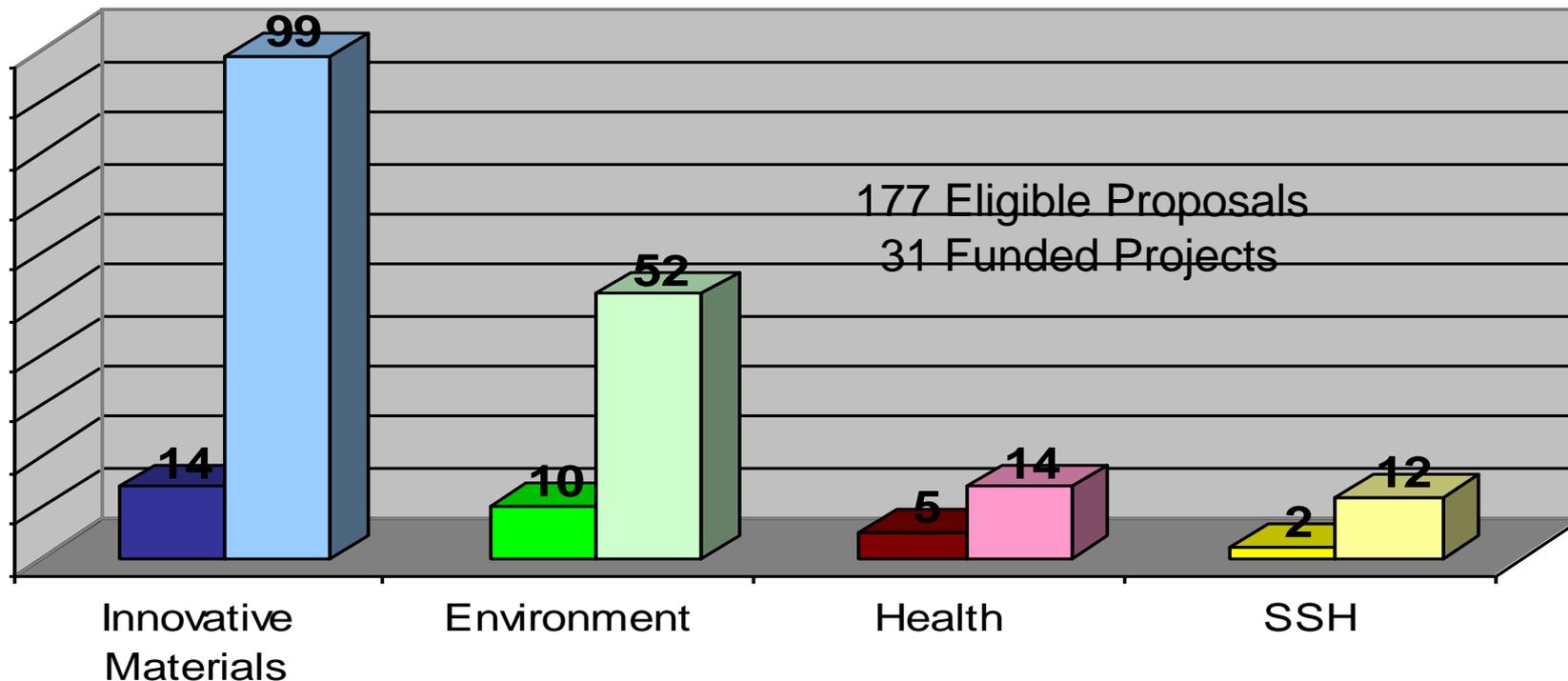
Facts and Figures

	Innovation Call	S&T Call	Total
Full Proposals	70	212	282
Eligible Proposals	52	177	229
Funded Proposals	11	31	42
Participants	213	731	944

Pilot Calls in Innovation and S&T



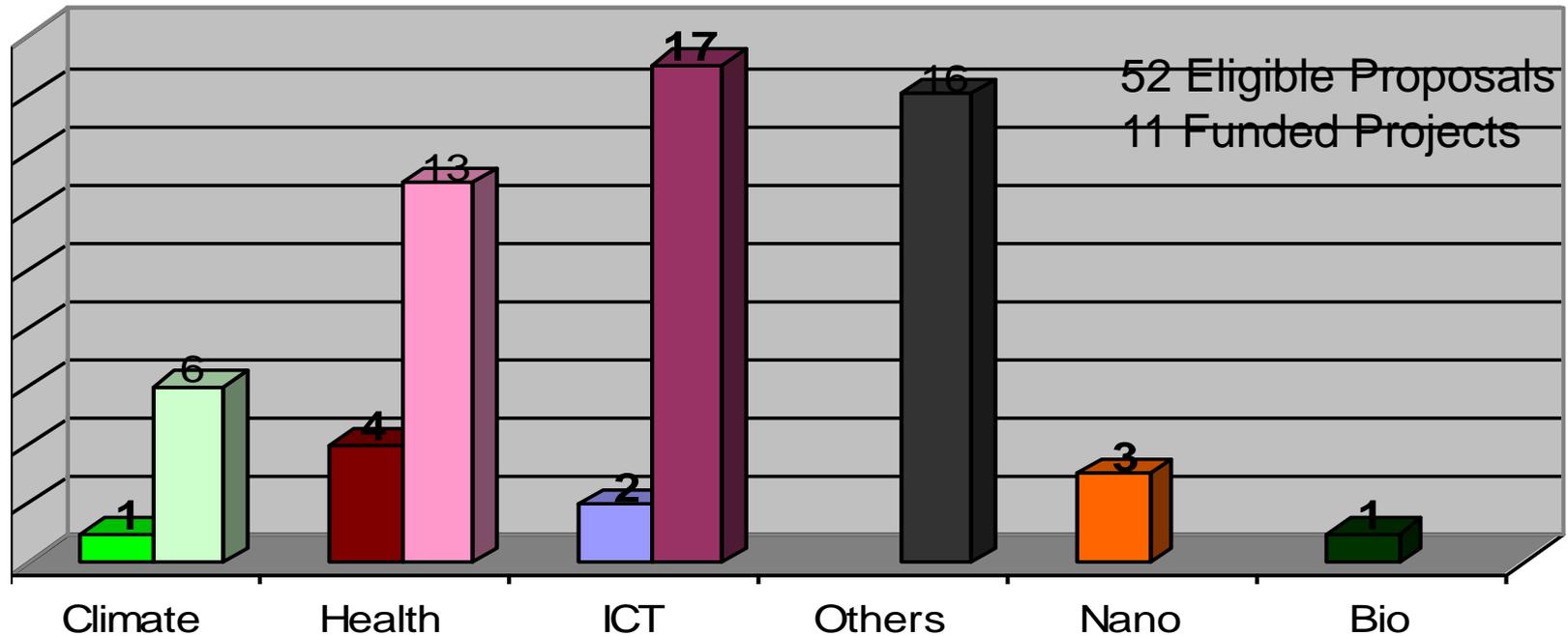
S&T Call



Pilot Calls in Innovation and S&T



Eligible proposals per Topic



A Pioneer Action



Lessons Learnt

- ❖ The **central administration** of the call (Joint Call Secretariat) has proven to be **efficient and useful**
- ❖ The call regulations can be made compatible with existing national regulations in Russia and other participating countries, all have agreed on the **same administrative rules**
- ❖ The **evaluation** of the implementation phase (lessons learnt) was the basis to prepare the successful proposal for the ERA.Net RUS Plus initiative
- ❖ The ERA-NET RUS project was a **facilitator** enabling program owners to meet on common ground and test joint management principles

A Pioneer Action

Success Story

- ❖ For the first time, several key Russian program owners (RAS 4, RFBR, RFH, FASIE) have participated jointly in a multilateral funding scheme
- ❖ First-time participation of RAS as funding organisation in an international initiative
- ❖ Political support through academy vice president Alexander Nekipelov
- ❖ High response in the STI communities on both calls: **282** full proposals, **944** participants from **14** countries



The EU Commission sees ERA.NET RUS as a very successful pioneer initiative

II. ERA.Net RUS Plus initiative (2013-2018)



ERA.Net RUS Plus

Joint funding mechanism and coordinated programs



Duration: November 2013 – October 2018

Partners: 27 from 15 countries (currently)

Joint Calls: 1x Innovation, 1x S&T

Indicative Call Budget: up to 25 Mio. €

Kick-off meeting at MON
27 November 2013
Moscow

Partners (1)

Facilitators:

1. German Aerospace Center, Project Management Agency, DLR (Germany)
2. National Centre for Scientific Research, CNRS (France)
3. Centre for Social Innovation, ZSI (Austria)
4. National Research University – Higher School of Economics, HSE (Russia)

EU/AC Programme Owners

1. Academy of Finland, AKA (Finland)
2. Ministry of Higher Education and Research, MESR (France)
3. Institute for Agricultural Research, INRA (France)
4. Federal Ministry of Education and Research, BMBF (Germany)
5. Federation of Industrial Research Associations (Germany)
6. The Israel Industry Center for R&D, MATIMOP (Israel)
7. Latvian Academy of Sciences, LZA (Latvia)
8. The National Centre for Research and Development, NCBR (Poland)
9. Exec. Agency for Higher Education, Research, Development, Innovation, UEFISCDI (Romania)
10. Slovak Academy of Sciences, SAS (Slovakia)
11. Swiss National Science Foundation, SNF (Switzerland)

Partners (2)

12. Center of International Projects of the Academy of Sciences of Moldova (Moldova)
13. Scientific and Technological Research Council of Turkey, TUBITAK (Turkey)
14. Estonian Research Council, ETAg (Estonia)
15. General Secretariat for Research and Technology, GSRT (Greece)
16. The Austrian Research Promotion Agency, FFG (Austria)
17. Embassy of France in the Russian Federation, AMBAFRAN (France)
18. **Fondazione Sapienza, University of Rome (Italy, tbc)**

Russian Programme Owners

1. Russian Foundation for Basic Research, RFBR
2. Russian Foundation for Humanities, RFH
3. Russian Foundation for Assistance to Small Innovative Enterprises, FASIE
4. Ural Branch of the Russian Academy of Sciences, UB RAS
5. Far Eastern Branch of the Russian Academy of Sciences, FEB RAS
6. **Siberian Branch of the Russian Academy of Sciences, SB RAS (Russia, tbc)**
7. **Ministry of Education and Science of the Russian Federation, MON (Russia, tbc)**

Joint Call Structure

Two funding lines

1) S&T

- Nanotechnologies
- Environment/Climate Change
- Health
- Social Sciences and Humanities

2) Innovation

- Thematically open

Launch expected by May

Launch expected by
March/April

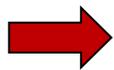
Funding Parties

S&T funding line:

Estonia, Finland, France, Germany, Latvia, Moldova, Poland, Romania, Russia, Slovakia, Switzerland, Turkey

Innovation funding line:

Austria, Germany, Greece, Israel, Poland, Romania, Russia, Turkey



Funding Parties are welcome to join until call publication!

Call Topics / Sub-topics

(Based on EU-Russian expert Workshops)

Nanotechnologies

- Advanced nano-sensors for environment and health
- Novel functional nanomaterials based on design and modelling
- Nanomaterials for efficient lighting

Environment/Climate Change

- Increasing the reliability of regional climate projections: models and measurement
- Environmental impact and risk of raw materials extraction and transportation
- Extreme climate events and their impact on the environment

Call Topics / Sub-topics

(Based on EU-Russian expert Workshops)

Health

- Molecular Mechanisms of Brain Function and Pathology
- Regenerative Medicine and Biomaterials
- Drug Discovery for Cancer, Cardiovascular and Infectious Diseases

Social Sciences and the Humanities

- Understanding Conflict, Identity, and Memory: Past and Present
- Demographic Change, Migration and Migrants
- Opportunities for and Challenges to Regional Development and Social Cohesion

Innovation

- Thematically open

Framework conditions

- **Virtual Common Pot**: Each Funding Party funds its own teams within a multilateral project
- **Eligible Applicants**
 - Research and higher education entities
 - Research performing small and medium enterprises (SME)
 - Other entities eligible for funding according to national legislation
- **Target Group**:
 - Consortia with partners from at least three different countries (one from Russia)
- International, independent, expert-based **evaluation of the proposals**
- **Joint Decision taking** by the Funding Parties
- **Duration of projects** to be funded: up to 30 months

Call Publication on www.eranet-rus.eu

**Coming Soon:
May/June 2014**



Further Linking Russia to the ERA:
Coordination of MS/AC S&T programmes towards and with Russia

→ ERA.Net RUS Plus – strengthening STI links between Russia and the European Research Area

The ERA.NET PLUS initiative, which will run from November 2013 to October 2018, aims at enhancing the coordination of research programmes between the EU Member States (MS)/ Associated Countries (AC) and Russia. The project will implement a Single Joint Call for excellent transnational research projects in the fields of NMP, Health, Environment, SSH and Innovation. ERA.Net RUS Plus is a follow-up to the current ERA.Net RUS action that was set-up from 2009 to 2013 to link Russia to the European Research Area. ERA.Net RUS was the first joint call activity in which prominent Russian Funding Parties participated in a multilateral funding scheme.

DOCUMENTS

ERA.Net RUS Plus Flyer
[PDF - 799.6 kB]



ERA.Net RUS & Funded
Projects 2012
[PDF - 3.36 MB]



Brochure on the ERA.Net Plus project, incl. all projects funded as a result of the Single Joint Calls

CONTACT

Dr. Jörn Sonnenburg

Executive Director
German Aerospace Center
Project Management Agency
European and International
Cooperation

Heinrich-Konen-Str. 1
D-53227 Bonn Germany
+49 228 3821-1451
+49 228 3821-1444
Email

Dr. Andreas Kahle

Senior Scientific Officer
German Aerospace Center

Official launch of the ERA.Net RUS Plus initiative on 27 November 2013

25.11.2013 - 27.11.2013 | MOSCOW



Embedded in a joint row of events from 25-27 November, which mark the start of the 'EU-Russia Year of Science 2014', the ERA.Net RUS Plus initiative will be launched on 27 November in Moscow. Click 'more' for information on all three events. → [more](#)

Single Joint Call

| CALL TO OPEN IN SPRING 2014



ERA.Net RUS Plus will implement a Single Joint Call for excellent transnational research projects in the fields of Nanotechnologies/Materials/Production Technologies, Health, Environment/Climate Change, Social Sciences/Humanities and Innovation. → [more](#)

ERA-LEARN newsletter features the ERA.Net RUS Plus initiative

| PUBLISHED IN AUGUST 2013



An article in ERA-LEARN newsletter Vol 5 is dedicated to the start of the ERA.Net RUS Plus initiative. Click 'more' for a compact overview of the projects goals and the intended tools to reach them. → [more](#)

Overview of EU-Russia Research, Development and Innovation Cooperation

| PUBLISHED IN FEBRUARY 2013



A foresight exercise conducted by ERA.Net RUS prepared structural and thematic scenarios for RDI cooperation between EU MS/AC and Russia. This exercise is meant to provide a basis for a sustainable joint funding programme between EU MS/AC and Russia. → [more](#)

| PUBLISHED IN OCTOBER 2012