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National contact point “AERONAUTICS”

The Central Aerohydrodynamic Institute named after N.E. Zhukovsky (TsAGI)
1 Zhukovsky St., Zhukovsky, Moscow Region, 140180, Russian Federation
Tel: +7 (495) 556-31-62, +7 (498) 483-29-09, +7 (498) 483-21-00 ext. 52-82
Website: <http://ncp.tsagi.ru/>

Factsheet

Opportunities for Development of EU-Russia Science and Technology Cooperation in Aeronautics

Russian Federal Targeted Programme “Research and Development in Priority Areas of Development of the Russian Scientific and Technological Complex for 2014—2020”

In order to maintain and develop the scientific and technological EU-Russia cooperation in the field of aeronautics, **Russian National Contact Point for aeronautical research – NCP “Aeronautics”** informs you about further opportunities for cooperative activities of the representatives of European and Russian scientific and business communities, which are provided by the Russian Party.

Nowadays there are several tools to support scientific and technological EU-Russia cooperation in Russia, one of which is the **Russian Federal Targeted Programme “Research and Development in Priority Areas of Development of the Russian Scientific and Technological Complex for 2014—2020” (FTPRD)**.

In organizing and carrying out R&D joint EU-Russia projects in the field of aeronautics, the **Russian participants of the relevant cooperation projects may receive funding under this FTPRD programme** that provides additional opportunities for the development of joint European-Russian scientific and technological activities in the field of aeronautics.



About the Programme

FTPRD is a **tool to provide support** for research and development in priority areas of science and technology in Russia (see [below](#)), including the area of transport and space systems.

The state customer and coordinator of FTPRD is the Ministry of Education and Science of the Russian Federation.

The main goal of FTPRD is to form a competitive and effective R&D sector in the field of applied research.

FTPRD aims to **support applied research and experimental development at the pre-commercial stage**. Thus, researchers and scientific organizations are the main target audience.

Among the challenges facing FTPRD, there is one of integration of Russian R&D sector into the global international innovation system, to solve which **the support of the cooperation between foreign and Russian research organizations is provided** within the framework of this Program.

Opportunities for International Projects

FTPRD is implemented through specialized thematic activities, which are combined into 5 function sections.

One of the sections is devoted to the development of international cooperation: **Section 2 "International cooperation"**.

Under this Section the Program provides 3 types of activities that encourage the development of international scientific and technological cooperation:

- [Activity 2.1](#) "R&D in the framework of international multilateral and bilateral cooperation";
- [Activity 2.2](#) "Support of R&D in the framework of cooperation with the Member States of the European Union";
- Activity 2.3 "Participation in large-scale international scientific and scientific-technological events".

Activity 2.2 contains the main opportunities for the EU - Russia cooperation, however, in the framework of Activity 2.1 subject to the appropriate additional requirements the support of joint activities also may be gained.

Activity 2.2 "Support of R&D in the framework of cooperation with the Member States of the European Union"

As part of this Activity funding is provided to the research that is:

- carried out **in cooperation with European** research and educational **organizations**,
- carried out mainly **in accordance with laid down priorities** (see [below](#)), including the research with subsequent multiple applications in various economy sectors, the unique high-risk research defining new possibilities for economic development in future and research on promising directions in the world science development.

Researches are carried out in the framework of joint and coordinated calls.

The topic is determined through the selection of initiative proposals of the scientific community, technology platforms, regional clusters and business community representatives in accordance with the stated Program priorities.

The grounds for topic announcement are the interdepartmental and intergovernmental agreements.

The selection of projects in the framework of this Activity is carried out **through open calls for proposals on a competitive basis**.

Project funding may be up to **10 million Rubles per project per year**.

The funding is provided **only to the Russian participants** of the joint Russian-European projects to carry out the relevant part of the work.

Project duration in the framework of this Activity is **1-3 years**. Long-term projects is possible **up to 4 years**, for example, of large consortium projects, including with the involvement of the research organizations from several countries.

Co-financing from foreign partners shall be **at least 50 percent** of the joint Russian-European **project total funding**.

The Activity aims at:

- geographic expansion of international cooperation of research organizations and universities;
- mutually beneficial information and S&T exchange between the partner countries;
- formation of stable cooperation between Russian and European research organizations;
- establishment of effective international cooperation mechanisms aimed at improving the performance standards of universities and research organizations.

Activity 2.1 "R&D in the framework of international multilateral and bilateral cooperation"

The contents of this Activity entirely coincide with the contents of Activity 2.2, but include one additional requirement: **the presence of a foreign partner** in the form of **Non-EU** research or educational organization.

The country, which should be involved in a joint research, depends on a specific call of this Activity, and is indicated in the title of the corresponding call and in the text of the official documents relating to the call.

Priority areas

In Russia, 6 priority areas of science, technology and engineering development approved by the President of the Russian Federation and supported by FTPRD are defined at the legislative level, which include **"Transport and Space Systems"**.

Also, in Russia, **27 priority technologies** approved by the President of the Russian Federation and supported by FTSPIR are defined at the legislative level, which include:

- Technologies of high-speed vehicles and smart control systems for the new means of transport;
- Technologies of creation of rocket and space and transport engineering of a new generation;
- Energy-efficient technologies of production and conversion of energy of fossil fuels;

- Energy-efficient technologies of production and conversion of energy of fossil fuels;
- Technologies of production and processing of structural and functional nanomaterials;
- Technologies of information, control and navigation systems;
- And others.

As a rule, in the framework of each call of FTSPRD a **separate specific list of priority areas** is drawn up, which the projects submitted to the particular call are to comply with.

More information you can find here:

- ✓ More about FTPRD:
 - FTPRD official website (rus.): <http://fcpir.ru/about/>,
 - Information about the current and former calls for proposals of FTPRD (rus.): http://fcpir.ru/participation_in_program/contests/list_of_contests/.
 - Presentation material of the Ministry of Education and Science of the Russian Federation about FTPRD: https://www.hse.ru/data/2014/10/16/1099377184/4_FTP_R&D%20for%20Priority%20Areas_2014-2020.pdf.
- ✓ Russian NCP «Aeronautics» support: +7 495 556 31 62, +7 498 483 29 09, <http://ncp.tsagi.ru/en/>.