

# Russia – Country Page

## 1. Available national programmes or funds that could provide support to Russian Horizon 2020 participants

Horizon 2020 is fully open to the participation of entities from across the world in all parts of the programme, and many topics are flagged as being specifically relevant for cooperation with partners from outside Europe. Russian scientists, universities, research organisations and enterprises are able to team up with their European partners to participate in projects under Horizon 2020 and make the best use of Europe's excellent opportunities in research and innovation.

Russian researchers and organisations are encouraged to participate in all actions of Horizon 2020 as consortium members and to take part in the proposal submission to the European Commission.

### Russian Co-Funding Mechanisms for Research and Innovation Projects

To support Russian participation in Horizon 2020 actions and in view of the fact that participants from Russia are no longer automatically funded by the EU, the **Ministry of Science and Higher Education of the Russian Federation** publishes dedicated calls to offer funding support for Russian Horizon 2020 participants in accordance with its own call procedures (Russian Federal Programme (FTP) "R&D in Priority Areas of Development of the Russian S&T Complex 2014-2020"). Russian applicants to these calls will have to provide a document acknowledging their participation in the consortium of the joint Horizon 2020 proposal, submitted under the Horizon 2020 call.

The Ministry of Science and Higher Education of the Russian Federation has established a functional mailbox [horizon2020@minobrnauki.gov.ru](mailto:horizon2020@minobrnauki.gov.ru) to which the Russian scientific community may send enquiries about support available in Russia for participation in Horizon 2020.

Depending on the nature of their proposed research, Russian participants of Horizon 2020 research and innovation projects are also encouraged to apply to the regular calls of the **Russian Foundation for Basic Research** ([www.rfbr.ru](http://www.rfbr.ru)) and the **Russian Science Foundation** ([www.rscf.ru](http://www.rscf.ru)), which may be able to provide funding support in accordance with their own funding rules.

In addition, the **Russian Foundation for Assistance to Small Innovative Enterprises** ([www.fasie.ru](http://www.fasie.ru)) may be able to support the participation of small innovative Russian enterprises in Horizon 2020 projects on a case-by-case basis in accordance with its own funding rules.

Enquiries concerning participation in Horizon 2020 may also be directed to the offices of the appointed Russian National Contact Points:

[http://ec.europa.eu/research/participants/portal/desktop/en/support/national\\_contact\\_points.html](http://ec.europa.eu/research/participants/portal/desktop/en/support/national_contact_points.html)

## 2. Current priorities / EU roadmap for EU-Russia S&T Cooperation

From the [list of calls in the Horizon 2020 Work Programme 2018-2020](#), the Ministry of Science and Higher Education of the Russian Federation has highlighted the subjects of priority interest for the Russian Federation, namely:

### 1. Future and Emerging Technologies

- novel ideas for radically new technologies
- boosting emerging technologies
- high performance computing
- tackling grand interdisciplinary science and technology challenges
- other actions

### 2. European research infrastructures (including e-Infrastructures)

- implementing the European open science cloud
- EU data infrastructure
- demonstrating the role of RI in the translation of open science into open innovation

### 3. Leadership in enabling and industrial technologies

#### 3.1 Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing

- open innovation test beds
- materials characterization and computational modelling
- governance, science-based risk assessment and regulatory aspects
- factories of the future
- biotechnology
- medical technology innovation
- sustainable process industry
- catalyzing the circular economy
- clean energy through innovative materials
- cultural heritage
- energy-efficient buildings
- other actions

#### 3.2 Information and Communication Technologies (ICT)

- ICT
- Cybersecurity
- other actions

#### 3.3 Space

- space 2018-2020
- EGNSS market uptake 2019-2020
- other actions

### 4. Health, demographic change and wellbeing

- personalized medicine
- innovative health and care industry
- infectious diseases and improving global health
- innovative health and care systems
- decoding the role of the environment, including climate change, for health and well-being
- digital transformation in health and care
- trusted digital solutions and cybersecurity in health and care
- other actions

#### 5. Food security, sustainable agriculture and forestry, marine, maritime and inland water research and the bioeconomy

- sustainable food security
- blue growth
- rural renaissance
- other actions

#### 6. Secure, clean and efficient energy

- building a low-carbon, carbon resilient future: secure, clean and efficient energy
- next-generation batteries
- transforming the energy sector through digitalization
- other actions

#### 7. Smart, green and integrated transport

- mobility for growth
- digitizing and transforming EU industry and services: automated road transport
- building a low-carbon, carbon resilient future: green vehicles

#### 8. Climate action, environment, resource efficiency and raw materials

- building a low-carbon, carbon resilient future: climate action in support of the Paris Agreement
- greening the economy in line with the sustainable development goals
- other actions

#### 9. Other research and innovation actions coordinated with Horizon 2020

For examples of the Russian national call documentation, rules and requirements of the FTP "R&D in Priority Areas of Development of the Russian S&T Complex 2014-2020", please refer to: [http://www.fcpir.ru/participation\\_in\\_program/contests/list\\_of\\_contests/1\\_published/2016-14-588-0002/](http://www.fcpir.ru/participation_in_program/contests/list_of_contests/1_published/2016-14-588-0002/)

EU priorities for future cooperation with Russia are outlined in the roadmap: [https://ec.europa.eu/research/iscp/pdf/policy/ru\\_roadmap\\_2018.pdf](https://ec.europa.eu/research/iscp/pdf/policy/ru_roadmap_2018.pdf)

**N.B.** A list of Russian research infrastructures (large-scale research facilities) which have expressed interest in cooperation with European scientific communities and which may be of particular interest to European researchers and scientists is available here: [http://ec.europa.eu/research/iscp/pdf/policy/russian\\_research\\_infrastructures.pdf](http://ec.europa.eu/research/iscp/pdf/policy/russian_research_infrastructures.pdf)

### **3. Brochures or other local communication materials aiming at to support Russian participation in Horizon 2020**

A dedicated Russian-language information brochure about Horizon 2020 has been published and is available on the website of the Science and Technology Section of the Delegation of the European Union to the Russian Federation (see "Horizon 2020 Info Kit, including a practical guide for researchers from Russia (in Russian) zip"): [https://eeas.europa.eu/sites/eeas/files/h2020\\_info\\_kit\\_en.zip](https://eeas.europa.eu/sites/eeas/files/h2020_info_kit_en.zip)

### **4. Webpage of the Delegation of the European Union to the Russian Federation and functional mailboxes which can be addressed in specific questions**

Delegation of the European Union to the Russian Federation: [www.EUinRussia.ru](http://www.EUinRussia.ru)

Science and Technology Section of the Delegation of the European Union to the Russian Federation: [https://eeas.europa.eu/delegations/russia/35939/node/35939\\_en#Science+and+technology](https://eeas.europa.eu/delegations/russia/35939/node/35939_en#Science+and+technology)

Questions may be addressed to:

- Science & Technology section: [delegation-russia-science@eeas.europa.eu](mailto:delegation-russia-science@eeas.europa.eu)
- Ministry of Science & Higher Education of the Russian Federation: [horizon2020@minobrnauki.gov.ru](mailto:horizon2020@minobrnauki.gov.ru)

### **5. List and availability of local National Contact Points including for the European Research Council and Marie Skłodowska-Curie actions**

The Ministry of Science and Higher Education of the Russian Federation has selected organizations to represent Russian National Contact Points (NCPs) within the European Framework Programme for Research and Innovations «Horizon 2020». Please note that the NCP status is given to a legal entity, each of which is represented by 1 or several persons.

The list of National Contact Points can be found at the Participant Portal, by country, thematic areas and/or function, here:

[http://ec.europa.eu/research/participants/portal/desktop/en/support/national\\_contact\\_points.html](http://ec.europa.eu/research/participants/portal/desktop/en/support/national_contact_points.html)

#### **National NCP coordinator**

Ms Ulyana Aleksandrovna PERTSUKOVA  
Department of Scientific and Technological Policy  
Ministry of Science & Higher Education of the Russian Federation  
Tel. +7 499 681 03 87  
[pertsukovaua@minobrnauki.gov.ru](mailto:pertsukovaua@minobrnauki.gov.ru)

Ms Anastasia Konstantinovna ZADORINA  
Deputy Executive Director for International Science & Technology Cooperation  
International Centre for Innovations in Science, Technology and Education (ICISTE/MNIOP)  
Leninskiye Gory, 1, building 75, 119992 Moscow, Russian Federation  
Tel. +7 495 660 34 29  
[zadorina@mniop.ru](mailto:zadorina@mniop.ru)

### **1. Aeronautics / Smart, green and integrated transport**

Organisation name: TsAGI - N.E. Zhukovsky Central Aerohydrodynamic Institute  
<http://ncp.tsagi.ru>

Mr Evgeni Vladimirovich ANDREEV, Tel: +7 495 556 31 62; [Evg\\_Andreev@tsagi.ru](mailto:Evg_Andreev@tsagi.ru)

Mr Alexander Alexandrovich DVOYNIKOV  
Head of EU cooperation group  
Central Aerohydrodynamic Institute (TsAGI)  
ul. Zhukovsogo 1, 140180 Zhukovsky, Moscow Region, Russia  
Tel. +7 498 483 29 09  
[Aleksandr.Dvoynikov@TsAGI.ru](mailto:Aleksandr.Dvoynikov@TsAGI.ru)

### **2. Food security, sustainable agriculture, marine and maritime research and the bio-economy'; & 'Biotechnology'**

Organisation name: Federal Research Centre "Fundamentals of Biotechnology" of the Russian Academy Sciences (Research Centre of Biotechnology RAS)

Address: Leninsky Prospekt, 33, 119071, Moscow, Russian Federation, [www.fbras.ru/en/](http://www.fbras.ru/en/)  
[www.bio-economy.ru](http://www.bio-economy.ru) , Tel: +7 495 954 44 74

Prof. Vladimir Olegovich POPOV

Ms Alena Vyacheslavovna LAVROVA

### **3. Nanotechnology, materials and new industry technologies**

Organisation name: National Research Centre 'Kurchatov Institute'

Address: Ploschad Akademika Kurchatova 1, 123182, Moscow, Russian Federation

Dr. Artem Alexandrovich BALYAKIN - Russian Federation, Tel: +7 499 196 7469

Mr Andrey Sergeevich MALYSHEV, Tel: +7 499 196 6640

### **4. Information & communication technologies (ICT)**

Organisation name: ARENA - National Association of Research and Educational e-Infrastructures

Address: Vavilov Street 40, 119333, Moscow, Russian Federation

[www.e-arena.ru](http://www.e-arena.ru)

Dr. Marat Ramilevich BIKTIMIROV, Tel: +7 499-1352598

Mr Vladimir Leonidovich GLEBSKY, Tel: +7 499 135 2598

### **5. Energy (Non-nuclear) / Secure, clean and efficient energy**

Organisation name: MPEI - National Research University 'Moscow Power Engineering Institute'

Address: Krasnokazarmennaya str., 14, 111250, Moscow, Russian Federation

[www.fp7-energy.ru](http://www.fp7-energy.ru)

Mr Nikolay Dmitrievich ROGALEV, Tel: +7-495 362 72 01

Ms. Elena Nikolaevna CHISTYAKOVA, Tel: +7 916 799 54 66

Mr. Andrey Sergeevich KUZMINOV, Tel: +7 495 363 77 96

### **6. Health / Health, demographic change and wellbeing**

Organisation name: Lomonosov Moscow State University

Address: Lomonosovskiy prospect, 31, bldg 5, 117192, Moscow, Russian Federation

Tel: +7-495 932 8814+7-495-932-9904

<http://fp7-health.ru>

Prof. Vsevolod Arsenyevich TKACHUK, Tel: +7 495 932 8814, +7 495 932 9904

Ms Elena Vladimirovna TARASOVA , Tel: +7 495 932 9904

### **7. Environment including climate change / Climate action, resource efficiency and raw materials**

Organisation name: Puschchino State Institute of Natural Sciences

<http://ncp-eco.ru/>

Mr Mikhail Borisovich VAINSHTEIN, Tel: +7 4967 73 26 77

Ms Anna Andriyanovna VETROVA , Tel: +7 910 940 6287

Mr Sergey Lvovich SOKOLOV , Tel: +7 916 390 8958

Mr Vadim Ivanovich SHAROV, Tel: +7 985 160 1921

### **8. European Research Infrastructures**

Organisation name: MISIS - National University of Science & Technology

Address: Leninsky prospect, 4, 119049, Moscow, Russian Federation

<http://fp7-infra.ru>

Prof. Evgeny Alekshandrovich LEVASHOV, Tel: +7 495 638 45 00

Dr. Marine Karapetovna MELKONYAN, Tel: +7 495 638 4629

### **9. SMEs**

Organisation name: FASIE - Foundation for Assistance to Small Innovative Enterprises

Address: Kurchatov str., 47, 249038, Obninsk, Russian Federation

<http://fasie.ru/>

[www.ncp-fp7-sme.ru](http://www.ncp-fp7-sme.ru)

Ms Olga Georgievna LEVCHENKO, +7 495 231-3851

### **10. Science with and for Society / Inclusive, innovative and reflective societies**

Organisation name: National Research University - Higher School of Economics

Address: Myasnitskaya, 20, 101000, Moscow, Russian Federation

<http://www.hse.ru>

<https://fp.hse.ru/>

Prof. Leonid Markovich GOKHBERG, Tel: +7 495 621 28 73

Ms Liliana Nikolaevna PROSKURYAKOVA, Tel: +7 495 772 95 90 ext. 12495

Ms Elena Gennad'evna NASYBULINA, Tel: +7 495 772 95 90 ext. 11540

### **11. European Research Council**

Organisation name: National Research University - St. Petersburg State Polytechnic University

Address: Universitetskaya nab. 5, 199034, St. Petersburg, Russian Federation

<http://www.spbrc.nw.ru>

Dr. Sergey Vasilyevich KOZYREV, Tel: +7 812 534 95 13

Prof. Vladimir Anatolyevich YEROKHIN, Tel: +7 812 596 28 31

St. Petersburg Academic University – Science & Education Nano-Technology Centre of the Russian Academy of Science

Mr Mikhail Vladimirovich DUBINA - Russian Federation, Tel: +7-812 534 5850

Lomonosov Moscow State University

Svetlana Vladimirovna MAMAKINA, (+7-495) 939-1250

### **12. Marie Skłodowska-Curie actions on skills, training and career development**

Organisation name: National Research University - Higher School of Economics

Address: Myasnitskaya, 20, 101000, Moscow, Russian Federation

<http://www.hse.ru>

<https://fp.hse.ru/>

Prof. Leonid Markovich GOKHBERG, Tel: +7 495 621 28 73

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Ms Elena Gennad'evna NASYBULINA, Tel: +7 495 772 95 90 ext. 11540