



Усиление научно-технологического сотрудничества ЕС и России и обеспечение участия европейских исследователей в российских научно-технических программах

Информационное письмо #2 - ноябрь 2010

«Нам необходимо лучше работать с нашими международными партнерами. Это подразумевает предоставление доступа к нашим научно-техническим программам наряду с обеспечением сопоставимых условий за рубежом»

Из флагманской инициативы "Инновационный союз" стратегии ЕС "Европа 2020"

От редактора



Светлана Клесова, координатор проекта, inno AG

В минувшем году основная деятельность в рамках проекта была направлена на то, чтобы понять, открыты ли российские исследовательские и инновационные программы для участия европейцев, и если да, то каким образом лучше всего получить к ним доступ.

Главным открытием первого года для нас стал инновационный характер инициативы ACCESSRU. В прошлом осуществлялось немало проектов, связанных с российскими научно-техническими системами, но теперь ситуация впервые проанализирована с точки зрения возможного расширения российских программ с участием европейских исследователей на благо международного научного сообщества.

Чтобы получить более глубокое представление о том, как Россия взаимодействует с европейскими исследователями, мы активно изучаем конкретные примеры, доказывающие, что доступ к российским программам для европейских ученых возможен и реален.

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ACCESSRU о возможностях и трудностях доступа европейцев к российским исследовательским программам

В последнем докладе ACCESSRU детально анализируются современные условия для научно-технической деятельности в России и варианты доступа европейских исследователей к российским программам.

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Содействие доступу европейских ученых и научно-исследовательских организаций к российским научно-техническим программам: круглый стол ACCESSRU в Москве

В ходе круглого стола, состоявшегося 15 октября 2010 года в московском офисе Представительства Европейского союза в России, представители ЕС обсудили со своими коллегами из российских ведомств, НИИ и университетов перспективы дальнейшего научного сотрудничества.

На встрече, посвященной теме "Развитие механизмов, способствующих доступу европейских ученых и научно-исследовательских организаций к российским научно-техническим программам", было представлено выполняемое в рамках ACCESSRU исследование "Картографирование возможностей доступа к российским исследовательским и инновационным программам для европейских исследователей и организаций".

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Правительство приглашает западных ученых в российские университеты

Сорок ведущих западных ученых, среди которых есть и выходцы из России, получили от российского правительства крупные гранты в поддержку своих партнерских связей с местными вузами в области прикладных и фундаментальных наук.

На каждый отобранный проект в течение ближайших трех лет предполагается выделить до 150 млн. рублей (примерно 3,5 млн. евро). За эти деньги приглашенные ученые обязаны создать в российских институтах жизнеспособные исследовательские лаборатории высшего уровня, где они должны будут проводить не менее четырех месяцев в году.

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The project has received funding from the European Union Seventh Framework Programme (FP7/2007-2013) under grant agreement #244493

Южный федеральный университет развивает международные связи

Российский Южный федеральный университет давно уже ведет интенсивное и разнообразное в географическом отношении международное сотрудничество, в том числе студенческие обмены и совместные исследовательские проекты, и настроен на его дальнейшее расширение и более активное взаимодействие с Европой.

Для повышения эффективности сотрудничества университет считает целесообразным проводить учебные занятия, на которых сотрудники вуза обновляли бы свои знания в области миграционного законодательства. Предлагается также уточнить нормативные документы для иностранных ученых и организовать совместно с международными партнерами семинары по обмену передовым опытом и дальнейшие мероприятия по распространению информации о программе 7РП.

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Не только в Европе: всемирные новости ACCESS4EU

ACCESS4EU последовательно усиливает научно-техническое сотрудничество со странами, не входящими в ЕС, налаживая контакты с новыми партнерами в других регионах мира.

Представляем информацию о том, как европейцы осуществляют международные исследовательские и технологические проекты с различными странами – Австралией, Бразилией, Канадой и Новой Зеландией.

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Представляем членов консорциума: Российская сеть трансфера технологий

Российская сеть трансфера технологий (RTTN) www.rtt.ru объединяет свыше 70 инновационных центров, специализирующихся на трансфере технологий более чем в 30 регионах России и бывших советских республик. Она входит в национальную инфраструктуру инновационных исследований и разработок, ориентируясь на эффективное распространение технологической информации и поиск партнеров для участия в многочисленных российских и международных проектах.

Своим международным партнерам RTTN может предложить многое, в том числе хорошо налаженные контакты с ключевыми российскими структурами, заинтересованными в развитии сотрудничества.

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Поиск новых возможностей для научно-технического сотрудничества

Европейская комиссия завершила подготовку актуального обзора проектов ACCESS4EU, финансируемых в рамках подпрограммы "Возможности" 7РП.

58-страничное издание на английском языке под названием "Открывая горизонты: поиск новых возможностей для европейских исследователей в международном научно-техническом сотрудничестве" не только содержит общую информацию о проектах ACCESS4EU, но и показывает единую стратегию ее распространения, а также дает достаточно полное представление о национальных исследовательских и инновационных программах.

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Связь с читателями

У вас есть интересный опыт, которым вы хотите поделиться? Вы проводите семинары или конференции, касающиеся научного сотрудничества РФ-ЕС? У вас есть предложения по развитию научной кооперации? Ищете партнеров в ЕС или РФ? Присылайте нам ваши идеи и предложения.

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From the Editor



Svetlana Klessova
*Project coordinator,
inno AG*

Dear readers,

The ACCESSRU project has celebrated its 1st year anniversary, and I am pleased to welcome you again to the pages of our second newsletter.

The main activity of the project during this year was aimed at understanding whether Russian research and innovation programmes are open for European participation, and if so, what are the best ways to access them. Many Russian key players – policy makers, funding agencies, researchers and others – have met with the project team during the past year, and, according to most of them, access of European organisations to Russian programmes should be possible - in theory. However, in practice, there are no concrete implementation mechanisms in place as yet. But, it is essentially the awareness about the Russian programmes that is lacking.

The ACCESSRU report [“Mapping of Access Opportunities for EU Organisations in Russia”](#) provides highlights and analysis about the current landscape and ways of access, the challenges for European researchers to understand the landscape and makes recommendations for possible future directions. These topics were discussed enthusiastically by Russian and European representatives during the round table at the [EU Delegation to Russia in October 2010](#) who provided a lot of feedback and shared their concerns.

The biggest 1st year discovery for us is the innovativeness of ACCESSRU initiative. Many projects have been implemented in the past about Russian S&T systems, but this is the first time the situation has been analysed through the prism of possible expansion of Russian programmes to the European researchers, to benefit the international research community.

This second newsletter offers highlights about these and other activities that have taken place during the last few months. It may also help you prepare for the upcoming year – 2011 – because it presents project activities that you can take part in.

We are actively searching for case [studies](#) that demonstrate that access to Russian programmes by European researchers and organisations is possible and feasible. If you know about such cases, please contact our project team as soon as possible, to share these success stories!

We also wish you a very nice and productive year for 2011 that – with your active support – will be a new step in strengthening EU-Russian research and innovation collaboration.

Happy reading! ■



Home



Forward



Back





ACCESSRU Describes Opportunities and Challenges for European Access to Russian Research Programmes

The most recent ACCESSRU report “Mapping of Access Opportunities for EU Organisations in Russia” http://www.access4.eu/media/Deliverable_D2_2.pdf provides a detailed analysis of Russia's current S&T landscape and ways for European researchers to access Russian programmes.

It gives Europeans an idea of how research projects are financed in Russia and details access to Russian research and innovation projects. It is aimed at providing a basic understanding of funding research and innovation in Russia for European researchers, organisations and companies. The report provides information on key policy-makers and funding bodies, a general description of a wide range of Federal Targeted Programmes and other schemes. The report also discusses the rules of participation in Russian programmes for European organisations and researchers, explains the legal framework of federal funding of research and innovation in Russia in comparison with the European funding system, and assesses opportunities and obstacles for European organisations to access Russian programmes.

The report ensures synergies with two other EU-funded projects, [BILAT.RUS](#) (Enhancing the Bilateral S&T Partnership with the Russian Federation) and [ERA-NET.RUS](#) (Linking Russia to the European Research Area: Coordination of MS'/AC' S&T Programmes towards and with Russia).



Facilitating Access for EU R&D Organisations to Russian Research and Innovation Programmes: ACCESSRU Round Table



EU representatives discussed with their counterparts from Russian agencies, research institutes and universities prospects for future scientific collaboration during the round table held October 15, 2010, at the office of the Delegation of the European Union to Russia in Moscow.

The round table on the development of mechanisms facilitating access for EU R&D organisations to Russian research and innovation programmes featured a presenta-

tion of the research work on “[Mapping of Access Opportunities for EU Organisations in Russia](#)” being done by ACCESSRU.

Project coordinator Svetlana Klessova emphasized the unique nature of this analysis as ACCESSRU is the first-ever initiative to assess both challenges and opportunities faced by European organisations planning to participate in Russian scientific efforts.

“So far, Russian programmes are not widely known in Europe,” Klessova said, “and European participation remains limited.” She still believes that success stories will help to further cooperation between Russian and EU scientists.

Two analytical reports have been prepared by the consortium responsible for the project. The first one, “Survey of Russian Research and Innovation Programmes,” reviews Russian S&T programmes giving the Europeans an idea of how research projects are financed in Russia. The second paper, “[Mapping of Access Opportunities for EU Organisations in Russia](#),” deals with access to Russian projects, rules of participation and keys to collaboration. In



Home



Forward



Back





addition, hundreds of European and Russian scientists have been interviewed to better understand people's mentality and how obstacles to joint efforts can be identified and overcome.

This work has been necessitated by what is called the principle of reciprocity. Richard Burger, Policy Officer of International S&T Cooperation of the European Commission, stressed that the EU is interested in synergy between Member States and third countries enabling joint support of innovation. "The survey under ACCESSRU of Russian programmes carried out by national ministries of education and science, agriculture, health care and social development and other agencies may prove very helpful in this respect," Burger said.

During the round table, Inno AG Managing Director Peter Heydebreck underscored that the most promising Russian programmes for EU researchers are bilateral initiatives and all programmes aimed at the development of Russian federal and S&T universities. Heydebreck believes that subcontracting is the most realistic and feasible way of access to Russian programmes for European organisations. He continued by saying that "a special foundation following the model of the Eureka programme initiated by EU in the field of high technology and innovation would be highly advisable to attract European scientists to Russia to set up and discuss joint projects."

Irina Kuklina, the executive director of the Analytical Centre for International S&T and Educational Programmes, called for a careful study of Russian documentation related to procurement competitions. On a positive note, she mentioned that competitive arrangements in science and technology have become more transparent in Russia during the last five years.

Sergey Ivanets, head of the Department of International Integration at Russian Ministry of Education and Science, stated that the current level of Russian participation in EU framework programmes is not satisfactory. He expects that a new role for Russia as an associated country with such programmes can improve the situation. "We are committed to reaching agreements, and I hope this will be done soon," Ivanets said.



Leading Russian weekly Newspaper "Poisk" oriented on Russian S&T community published detailed article on this event (http://www.access4.eu/media/Poisk_article_about_Round_Table.pdf)

For the round table presentations see http://www.fp7-bio.ru/detail.php?ELEMENT_ID=130

Photo report on the event is also available <http://picasaweb.google.com/g.pilnov/ACCESSRUTeamMeetingAndRoundTable1415102010?feat=directlink#>



Home



Forward



Back





Government Welcomes Westerners to Russian Universities

Forty leading Western scientists, some with a Russian background, have been awarded high-profile grants from the Russian government to support their partnerships with local institutions of higher education in both applied and fundamental fields of knowledge.

The winners include world-class researchers such as Ferid Murad, a Nobel Prize laureate in physiology and medicine, who will be visiting Moscow State University of Medicine and Dentistry; mathematician Stanislav Smirnov, a Fields Medal awardee, arriving at St. Petersburg State University; the bioinformatics guru Pavel Pevzner; top-rated physicist Yuri Kivshar; leading polar researcher Jörn Thiede; and many more.

The selected projects would be awarded up to 150 million rubles (about € 3,500,000) each over the next three years. With this amount, the invitees are required to set up a viable top-level research laboratory at the designated institution where they should spend at least four months a year.

The unparalleled open competition for the grants was held according to a governmental decree on measures to attract leading scientists to Russian educational institutions. To that end, the decree signed by Russian PM Vladimir Putin on April 9, 2010, allocates three billion rubles in federal funds for 2010 followed by additional five billion rubles for 2011 and another four billion rubles for 2012.

The competition attracted enormous interest in Russian academic circles. The institutions of higher education partnered with leading scientists to submit over 500 applications. The initial plan was to select all 80 winners at once but the Council on Grants established by the Russian government chose to endorse only 40 applicants and to launch a second competition by the end of 2010 to determine the remaining winners next spring.



The unexpected decision by the council was intended to make the selection process more effective, according to **Education and Science Minister Andrei Fursenko** who chairs the body. He believes that the successful first take will help to build confidence among the scientific community so that the next round may attract even stronger candidates. Moreover, those who have lost the competition so far or failed to meet the deadline with their submission would thus be given a second chance.

Read more on this initiative at the website of Russian Ministry of Education and Science <http://eng.mon.gov.ru/pro/ved/uch/>



Home



Forward



Back





Educational Institution in Southern Russia Forges International Partnerships



The Southern Federal University of Russia has long pursued intensive and geographically diverse international cooperation such as student exchanges and joint research projects and is committed to further expansion and more engagement with Europe.

According to Maria Efimova of the International Relations Department at the Rostov-on-Don-based institution of higher education, her university has forged partnerships with over 500 foreign counterparts in 56 countries throughout the world. The university maintains successful collaboration with international foundations, organisations and programmes such as TEMPUS, Erasmus Mundus, CRDF, DAAD, and IREX, among others. The international activities range from training undergraduates and postgraduates as well as predoctoral and postdoctoral researchers to joint studies and exchanges of lecturers and scholars.

Efimova says that the Southern Federal University carries out about fifty international academic and scientific projects over \$2,500,000 worth annually. As of November 2010, more than 200 foreign specialists have traveled to Rostov-on-Don for talks, lectures and seminars. A visiting profes-

sor from the German Office of Academic Exchange has spent several years on campus working with the Department of Philology and Journalism. The enrollment of international students has also grown significantly to exceed 700 in 2010.

The institution also places a strong emphasis on joint S&T efforts. Priority research fields for the Southern Federal University include nanomaterials, technologies, devices and systems; biotechnology, living systems and environmental safety; information and telecommunications technologies, devices and systems; marine, aerial and space equipment; radio equipment, automation and management; and more.

In October 2010, Efimova took part in panel discussions at the ACCESSRU roundtable held at the European Commission office in Moscow where she made a presentation on cooperative efforts of the Southern Federal University with international partners. Of particular concern to her are formal obstacles to international scientific and technical links in Russia such as delays with invitations sent to foreign professors and researchers by Russian migration authorities, limited periods of entry visa validity, and cumbersome procedures for making contracts with international lecturers.

Efimova still believes there is room for improvement and suggests measures like training sessions for the university staff to update their knowledge of migration law; clarifications in regulations for foreign researchers; joint seminars with international partners to share best practices; and further dissemination events on FP7.

For more information on the Southern Federal University and its international projects see <http://en.sfedu.ru>



Home



Forward



Back





Beyond Europe: ACCESS4EU World News

- [AUSTRALIA AND EUROPE STRENGTHEN SCIENTIFIC PARTNERSHIP](#)

Australia and Europe will increase cooperation on international research projects covering everything from energy to nanotechnology to ICT, thanks to recent high-level meetings with key European Commission officials. Following the eleventh Joint Science and Technology Cooperation Committee meeting held in Sydney, the Australian Government has agreed to provide \$750,000 over the next 12 months to pursue agreed research outcomes. The focus will be on outcomes in health; biotechnology, agriculture and food; environment; energy; ICT; nanotechnologies; research infrastructures; and researcher mobility, networks and communication.

- [ROUND TABLE OF ON EU-BRAZIL COOPERATION. BRASILIA](#)

The IRD-Brazil and the CNPq organized a meeting at the Delegation of the European Union in Brasilia and discussed with European representatives bilateral cooperation in science, technology and innovation (STI) with Brazil. [Read more...](#)

“Report on results of interviews with EU S&T representatives” (in English) was prepared and is available for download in the project’s [download section](#)

- [THE ROADMAP OF OPPORTUNITIES 2010 FOR COOPERATION BETWEEN EU AND CANADA IS PREPARED BY THE ACCESS2CANADA PROJECT](#)

The Roadmap of Opportunities 2010 contains an overview of 1) EU-CANADA S&T agreements and arrangements, 2) Canadian RTDI programmes that are (directly or indirectly) open to EU participation, and 3) opportunities and obstacles to participate in Canadian RTDI programmes. [Download the Roadmap](#)

- [JSTCC: EU'S LARGEST-EVER DELEGATION TO NEW ZEALAND](#)

Science & Technology Collaboration: EU Brings Largest-Ever Delegation to New Zealand

The European Commission brought its largest-ever scientific delegation to New Zealand for the 2nd Joint Science & Technology Committee Meeting (JSTCC). Twelve Commission Officials and several scientific experts have just arrived in Wellington to take part in a Senior Officials Meeting on Science & Innovation.



Home



Forward



Back





Introducing Project Partners: Russian Technology Transfer Network



The Russian Technology Transfer Network (RTTN) brings together over 70 innovation centres dedicated to technology transfer in more than 30 regions of Russia and former Soviet states. It is a part of the national infrastructure for innovative R&D focused on the effective dissemination of technological information and search for partners to participate in multiple projects both in Russia and internationally.

Since its foundation in 2002, RTTN has assisted in the development of innovative business and commercialization of technologies in Russia. The Network is committed to technology transfer between science and industry and international collaboration in new R&D product development.

Searching for international partners and creating cooperative links, RTTN endeavors to match the supply and demand in the technological marketplace and maintains a common database to take stock of the existing and new offers and demands. To help share best practices in the field of technology transfer, RTTN hosts training workshops and brokerage events.

Since June 2008, the Russian Technology Transfer Network as a member of the Gate2RuBIN consortium www.gate2rubin.ru has participated in the Enterprise Europe Network http://www.enterprise-europe-network.ec.europa.eu/index_en.htm, the world's largest business support network connecting over 600 business support centres in more than 45 countries.

RTTN is currently involved in several major FP7 projects such as [ISTOK-SOYUZ](#)(2009–2011), [SEMIDEC](#)(2009–2011), [MemBridge](#)(2009–2010), and [ACCESSRU](#)(2009–2012).

For international partners, RTTN has much to offer, including its well-established contacts with key relevant Russian stakeholders such as the State Foundation for Assistance to Small Innovative Enterprises, Russian Ministries for Economic Development, for Education and Science, for Communications, the Russian Academy of Sciences, Rosnano and other federal agencies as well as regional stakeholders.

Exploring New Opportunities for S&T Cooperation



The European Commission has completed an up-to-date overview of the ACCESS4EU projects funded under the FP7 Capacities programme.

The 58-page publication titled "Opening Horizons: ACCESS4EU – Exploring New Opportunities for European Researchers in International S&T Cooperation" not only provides general information on the ACCESS4EU projects but also highlights a common dissemination strategy and valuable insights into national research and innovation programmes in eleven countries all over the world, including Australia, Brazil, Canada, China, India, Mexico, New Zealand, Russia, South Africa, South Korea, and the United States.

This unique instrument aims at increasing European researchers' awareness of funding opportunities for international research projects in third countries.

The brochure states that the ACCESS4EU projects should translate into a measurable increase of European research organisations' effective cooperation with third countries, as well as less readily measurable improvements in mutual understanding of the respective research systems. In this respect, the projects will contribute to the implementation of the agreements by identifying the different funding programmes open to EU researchers and promote their participation, i.e. developing the reciprocity aspects of S&T agreements.

Download the brochure [http://www.access4.eu/media/ACCESS4EU-Brochure-101029\(1\).pdf](http://www.access4.eu/media/ACCESS4EU-Brochure-101029(1).pdf)



Home



Forward



Back



From the Readers

The ACCESSRU team will provide you, and your potential Russian partners, with expert advice and professional consultancy, tailored to your needs.

In return, we would like to hear your feedback about your experiences accessing the Russian programmes. This will help our team further develop our support services and identify the next steps for ACCESSRU support.

Do you have experience to share? A seminar or conference to promote? Suggestions for EU-Russia R&D collaborative priorities? Partners to be searched? Send us your ideas and suggestions.

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* Until March 12, 2010 the Federal Agency for Science and Innovation was a member of the consortium.



Home



Back

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