

## WORKSHOP

### INTERNATIONAL RESEARCH AND INNOVATION PARTNERSHIPS

#### DESIGNING INTERNATIONAL CO-OPERATION PROJECTS TO DELIVER ON ECONOMIC COMPETITIVENESS AND THE GRAND CHALLENGES

**17-18 May 2018**

*Venue: 17 May – room 518, 11 Myasnitskaya str.; 18 May – room 311, 20, Myasnitskaya str., Moscow, Russia*

A key objective of the OECD-HSE workshop is to explore how international partnerships in research and innovation, both bilateral and multi-stakeholder, can be designed to deliver on the research and economic competitiveness agendas of national governments while addressing society's grand challenges. Public research and business innovation are critical to economic development and to solving societal challenges. However, international co-operation in research and innovation has often been pursued independently of the broader developmental agenda. Against the background of the UN Sustainable Development Goals; it is important that international co-operation STI contribute to solving the grand challenges.

A key question for policy makers is how to design international partnerships when the actors (governments, universities, businesses) are driven by different and sometime conflicting motivations. Entrepreneurs, firms seek international co-operation to improve their competitiveness while public research seeks out international co-operation to improve excellence in research; governments also promote specialised international research labs and infrastructures to which access is often limited to the funding partners and countries.

Besides the issue of conflicting incentives, there are many barriers to international co-operation in research and innovation. Often times, public researchers encounter administrative and funding barriers to co-operate with researchers in developing countries. Furthermore, international public research projects often do not include funding for capacity building which in the case of developing countries, limits the local application of research.

Firms, especially smaller firms, may encounter legal and regulatory barriers or weak intellectual property protection that limit the sharing of knowledge.

The workshop will be organised around panel discussions, expert presentations and break-out sessions between policy makers and practitioners.

**INTERNATIONAL RESEARCH AND INNOVATION PARTNERSHIPS:  
DESIGNING INTERNATIONAL CO-OPERATION PROJECTS TO DELIVER ON ECONOMIC  
COMPETITIVENESS AND THE GRAND CHALLENGES**

**17 May 2018**

**Venue: Myasnitskaya, 11, room 518, Moscow**

9:00-9:45	<p><b>Welcome, introduction and aims of the workshop</b></p> <p><b>Leonid Gokhberg</b>, First Vice Rector, National Research University Higher School of Economics, Russia</p> <p><b>Grigory Trubnikov</b>, Deputy Minister of Education and Science of the Russian Federation</p> <p><b>Dominique Guellec</b>, Head, Science and Technology Policy Division, Directorate for Science, Technology and Innovation, OECD</p> <p><b>Andreas Hoeschen</b>, Head, German House of Research and Innovation in Moscow</p>
9:45-11:00	<p><b>High Level Stage-Setting Panel Discussion:</b> The high level panel will discuss the implications for research and policy from the changing landscape for international co-operation, the rise of grand challenge targets embodied in the UN Sustainable Development Goals (SDGs) and the need to engage multi-stakeholders in the design and delivery of international research and innovation partnerships</p>
	<p><i>Panel Chair: Dominique Guellec, Head, Science and Technology Policy Division, Directorate for Science, Technology and Innovation, OECD</i></p> <p><b>Grigory Trubnikov</b>, Deputy Minister of Education and Science of the Russian Federation</p> <p><b>Elena Dominguez</b>, Vice-President on International Partnerships, Spanish National Research Council</p> <p><b>Elena Shmeleva</b>, Head, Foundation “Talent and Success”, Russia</p> <p><b>Adil Ibraev</b>, President, JSC “National Center of State Science and Technology Expertise”, Kazakhstan</p> <p><b>Natalia Stapran</b>, Director, Department of Multilateral Economic Co-operation and Special Projects, Ministry of Economic Development of the Russian Federation</p> <p><b>Kai Husso</b>, Chief Planning Officer, Enterprise and Innovation Department, Ministry of Economic Affairs and Employment, Finland</p> <p><b>Issues for discussion:</b></p> <ul style="list-style-type: none"> <li>• How can international R&amp;D partnerships strengthen innovation capabilities of the various partner institutions or countries?</li> <li>• What are the different challenges for collaboration faced by partners from OECD countries and those in emerging/developing economies?</li> <li>• What framework conditions are required to stimulate international partnerships in the host and sending countries?</li> <li>• How can complementarities between economic goals, research and innovation goals and the UN SDGs be achieved?</li> </ul>

	<ul style="list-style-type: none"> <li>• How to align research agendas with national SDG plans and targets?</li> <li>• What role can "research and innovation infrastructures and platforms" play in creating "global public goods"?</li> </ul>
11:00-11:30	<i>Coffee-break</i>
11:30-13:00	<p><b>Panel 1: Going global - Building international research and innovation partnerships</b></p> <p>The first panel will focus on some of the policy and implementation issues that need to be addressed in order to build effective international partnerships</p>
	<p><i>Panel Chair: Leonid Gokhberg, First Vice Rector, National Research University Higher School of Economics, Russia</i></p> <p><b>Irene Ek</b>, Senior Digital Analyst, Swedish Agency for Growth Policy Analysis</p> <p><b>Liguang Liu</b>, Deputy Director, Center for Global Economy and Sustainable Development, Central University of Finance and Economics, China</p> <p><b>Sergey Lebedev</b>, Deputy Director General, Russian Science Foundation</p> <p><b>Enrico Diogo Moro Gomes</b>, Secretary, Embassy of the Federative Republic of Brazil in Russia</p> <p><b>Oleg Belyavsky</b>, Director, Russian Foundation for Basic Research</p> <p><b>Claudia Zingerli</b>, Swiss Programme for Research on Global Issues for Development, Swiss National Science Foundation (<i>by video-link</i>)</p> <p><b>Issues for discussion:</b></p> <ul style="list-style-type: none"> <li>• Priority setting and funding for international partnerships for grand challenges</li> <li>• Policy trade-offs and tensions in demonstrating impacts</li> <li>• New approaches to governing international research and innovation partnerships</li> <li>• Internationalisation of national "research data clouds"</li> </ul>
13:00-14:00	<i>Lunch Break</i>
14:00-15:30	<p><b>Panel 2: Lessons from Universities and Public Research Organisations (PROs)</b></p> <p>Universities and public labs are key actors in the internationalisation of science and technology, with a main focus on fostering research excellence or creating research infrastructure. In recent years, universities have been re-evaluating their development co-operation strategies with developing countries. Moreover, the university-led international partnerships are being developed to foster innovation in the home and in the receiving country. How can university led partnerships reconcile the objectives of research excellence with innovation and achieving impact on the grand challenges? What are the specific barriers that universities and PROs face in expanding international research partnerships?</p>
	<p><i>Panel Chair: Andreas Hoeschen, Head, German House of Research and Innovation in Moscow</i></p> <p><b>Herman Kingma</b>, Chair Taskforce Russia, Maastricht University, The Netherlands</p>

	<p><b>Peter Mason</b>, Policy Manager, EU Research and Innovation, UK Universities International, United Kingdom</p> <p><b>Sergey Chernyshev</b>, Director General, N.E. Zhukovsky Central Aerohydrodynamic Institute, Russia</p> <p><b>Anna Pikalova</b>, Director, Centre for International Projects, Institute for Statistical Studies and Economics of Knowledge, National Research University Higher School of Economics, Russia</p> <p><b>Petri Pellikka</b>, Professor, University of Helsinki, Director of the Taita Research Station of the University of Helsinki in Kenya</p> <p><b>Elena Dominguez</b>, Vice-President on International Partnerships, Spanish National Research Council</p> <p><b>Wilma Rethage</b>, Head, German Research Foundation Office Russia</p> <p><b>Issues for discussion:</b></p> <ul style="list-style-type: none"> <li>• Internationalisation strategies of universities and PROs</li> <li>• International consortia, networks and platforms for university-led partnerships</li> <li>• University engagement of business, charities and NGOs</li> <li>• The role of ICT technologies in improving participation and access to transnational research partnerships</li> <li>• Knowledge sharing strategies in university-led partnerships</li> </ul>
15:30-16:00	<i>Coffee-break</i>
16:00-17:30	<p><b>Peer-learning Sessions: Good practices in international partnerships</b></p> <p>Participants will form small discussion groups to discuss how to design and implement international research and innovation partnerships based on lessons from different actors and from actors in different sectors/fields. International cooperation agreements are mostly concluded at national or institutional level between government ministries and universities/public research institutes. However the actual implementation often involves local and regional actors; this imposes additional challenges in orchestrating them. The focus would be on identifying good practices and tools for implementing international partnerships in one field or area (e.g. food security, health, climate, cleaner energy or mobility) that could be applied to another setting</p>
	<p><i>Group 1: Strategies and tools for allocating and managing intellectual property in international research partnerships (<b>room 518</b>)</i></p> <p>Kick-off presentation</p> <p><b>Nina Yanykina</b>, Head, Project Management and Innovation Department, Saint-Petersburg National Research University of Information Technologies, Mechanics and Optics</p> <p>Rapporteur – <b>Liliana Proskuryakova</b>, Associate Professor, National Research University Higher School of Economics, Russia</p> <p><i>Group 2: Cross country educational cooperation (<b>room 423</b>)</i></p> <p>Kick-off presentation</p>

	<p><b>Jan Kratzer</b>, Professor for Entrepreneurship and Innovation, Technical University Berlin, Germany</p> <p>Rapporteur – <b>Dirk Meissner</b>, Deputy Head, Laboratory for Economics of Innovation, Institute for Statistical Studies and Economics of Knowledge, National Research University Higher School of Economics, Russia</p> <p><i>Group 3: Managing human resources in international partnerships (<b>room 424</b>)</i></p> <p>Kick-off presentation</p> <p><b>Petri Pellikka</b>, Professor, University of Helsinki, Finland</p> <p>Rapporteur - <b>Nicholas Vonortas</b>, Professor, George Washington University and National Research University Higher School of Economics</p> <p><i>Group 4: Evaluation and impact assessment of partnerships; assigning benefits to multiple partners (<b>room 428</b>)</i></p> <p>Kick-off presentations:</p> <p><b>Pantelis Tziveloglou</b>, Policy Officer, European Commission, DG Research and Innovation, International Cooperation</p> <p><b>Klaus Schuch</b>, Director, Centre for Social Innovation, Austria</p> <p>Rapporteur – <b>Wolfgang Polt</b>, Director Policies, Joaneum Research Austria</p>
17:30-18:00	<p><b>Reporting back from the Peer-learning session (<b>room 518</b>)</b></p> <p><i>Rapporteurs will report back from the Peer-Learning Discussion Groups. Plenary participants will discuss findings and key issues of consensus or differences expressed by the discussion groups.</i></p> <p><b>Chair: Anna Pikalova</b>, Director, Centre for International Projects, Institute for Statistical Studies and Economics of Knowledge, National Research University Higher School of Economics, Russia</p>
18:15-21:00	<p><b>EVENING RECEPTION OFFERED BY THE GERMAN HOUSE OF SCIENCE AND INNOVATION AT THE HIGHER SCHOOL OF ECONOMICS</b></p>
<p><b>18 May 2018</b></p> <p><b>Venue: Myasnitskaya, 20, room 311, Moscow</b></p>	
9:00-10:30	<p><b>Panel 3: Financing to support cross-border research and innovation partnerships involving large firms and SMEs</b></p> <p>In this panel representatives from public investment agencies, economic development or research ministries, cluster managers and large and small firms will discuss their role and the challenges they face in financing participation in transnational research and innovation partnerships</p>
	<p><b>Panel Chair: Dirk Meissner</b>, Deputy Head, Laboratory for Economics of Innovation, Institute for Statistical Studies and Economics of Knowledge, National Research University Higher School of Economics, Russia</p> <p><b>Artem Shadrin</b>, Director, Department of Strategic Development and Innovation, Ministry of Economic Development of the Russian Federation</p> <p><b>Nicholas Vonortas</b>, Professor, George Washington University and National Research University Higher School of Economic</p>

	<p><b>Mikhail Gershman</b>, Head, Centre for Innovation Policy Studies, Institute for Statistical Studies and Economics of Knowledge, National Research University Higher School of Economics, Russia</p> <p><b>Hein Roelfsema</b>, Associate Professor for International Entrepreneurship, Utrecht University, The Netherlands</p> <p><b>Yongsuk Jang</b>, Senior Research Fellow, Science and Technology Policy Institute, Republic of Korea</p> <p><b>Mikhail Akim</b>, Vice President, Asea Brown Boveri Ltd. (Company ABB) in Russia</p> <p><b>Issues for discussion:</b></p> <ul style="list-style-type: none"> <li>• How can policy makers support the involvement of SMEs in international research and innovation partnerships? What role can large firms play as anchors and catalysts for international partnerships?</li> <li>• How can new forms of public and private finance (e.g. green bonds, crowdsourcing) be used to support SME involvement in international partnerships?</li> <li>• What role can international cluster policies play in connecting entrepreneurs across countries and scaling up firms and markets?</li> </ul>
10:30-11:00	<i>Coffee-break</i>
11:00-12:30	<p><b>Panel 4: Horizontal and Vertical Policy Governance at International level</b></p> <p>One of the lessons from OECD work on international co-operation in STI is that national governance frameworks for research are not well adapted to allow international partnerships to emerge. What are the barriers and what kinds of innovative solutions are emerging to enable national actors (i.e. research ministries, Development Agencies, Sectoral Ministries) to jointly engage in cross-border co-operation? How can duplication in national efforts be reduced and leveraged?</p>
	<p><i>Panel Chair: Mario Cervantes, Senior Economist, Science and Technology Policy Division, OECD</i></p> <p><b>Richard Burger</b>, Research &amp; Innovation Counsellor, Head, Science &amp; Technology and other EU Policies Section, Delegation of the European Union to the Russian Federation</p> <p><b>Andrey Anikeev</b>, Deputy Director, Department of Science and Technology, Ministry of Education and Science of the Russian Federation</p> <p><b>Alexander Sokolov</b>, Director, and <b>Anna Grebenyuk</b>, Researcher, International Research and Educational Foresight Centre, Institute for Statistical Studies and Economics of Knowledge, National Research University Higher School of Economics, Russia</p> <p><b>Kai Husso</b>, Chief Planning Officer, Enterprise and Innovation Department, Ministry of Economic Affairs and Employment, Finland</p> <p><b>Pranpreya Lundberg</b>, Policy Developer, National Science Technology and Innovation Policy Office, Thailand</p> <p><b>Wolfgang Polt</b>, Director of Policies, Joaneum Research, Austria</p> <p><b>Some of the issues that this panel may wish to focus on include:</b></p>

	<ul style="list-style-type: none"> <li>• Cross-ministry co-operation on international partnerships (i.e. research ministries and research councils and development agencies working together on common agendas)</li> <li>• Multilateral and multi-stakeholder engagement</li> <li>• From science diplomacy to innovation diplomacy</li> <li>• Regional approaches – EU, APEC, ASEAN, MENA, AFRICA, South America</li> </ul>
12:30-13:00	<p><b>Wrap-up Session and Next steps</b></p> <p><i>Summary presentation and next steps: Mario Cervantes, Senior Economist, Science and Technology Policy Division, OECD</i></p> <p>Closing remarks</p> <p><b>Dominique Guellec</b>, Head, Science and Technology Policy Division, Directorate for Science, Technology and Innovation, OECD</p> <p><b>Leonid Gokhberg</b>, First Vice Rector, National Research University Higher School of Economics, Russia</p>