



Ministry of Agriculture of the  
Russian Federation



NATIONAL RESEARCH  
UNIVERSITY



## Black Sea Horizon International Workshop

### The Future of Agriculture: Grand Challenges and Technological Change

#### Identifying Perspective Areas of S&T Cooperation between the European Union and the Black Sea Region in Sustainable Agriculture

Moscow, March 3, 2016

Venue: Higher School of Economics (HSE), Moscow, 9/11, Myasnitskaya str., room 518

### Agenda

<b>9.30 – 10.00</b>	<b>Registration and coffee</b>
<b>10.00 - 10.30</b>	<p><b>Welcome &amp; introduction to the workshop</b>  <i>Elena Astrakhantseva, Deputy Minister of Agriculture of the Russian Federation</i></p> <p><i>Leonid Gokhberg, First Vice-Rector of National Research University Higher School of Economics, Director of the Institute for Statistical Studies and Economics of Knowledge HSE (Russia)</i></p> <p><i>Richard Burger, Head of Science and Technology Section, Delegation of the European Union to the Russian Federation</i></p>
<p><b>Session 1: Prospects of agriculture development</b>  <b>Chair: Leonid Gokhberg, First Vice-Rector of National Research University Higher School of Economics, Director of the Institute for Statistical Studies and Economics of Knowledge HSE (Russia)</b></p>	
<b>10.30 – 10.50</b>	<p><b>Global challenges and opportunities in agriculture and food industry</b>  <i>Ozcan Saritas (Laboratory for Science and Technology Studies, International Research and Educational Foresight Centre, Institute for Statistical Studies and Economics of Knowledge HSE, Russia)</i></p>
<b>10.50 – 11.10</b>	<p><b>S&amp;T foresight for agriculture</b>  <i>Alexander Chulok (Department of Science and Technology Foresight, International Research and Educational Foresight Centre, Institute for Statistical Studies and Economics of Knowledge HSE, Russia)</i></p>
<b>11.10 – 11.30</b>	<p><b>Promising areas of agricultural S&amp;T development</b>  <i>Ilya Kuzminov (Department of Science and Technology Foresight, International Research and Educational Foresight Centre, Institute for Statistical Studies and Economics of Knowledge HSE, Russia)</i></p>



The Black Sea Horizon project has received funding from Horizon 2020, the EU Framework Programme for Research and Innovation, under the Grant Agreement 645785, H2020-INT-INCO-2014.

11.30 – 11.50	<p><b>Connecting food industry with agriculture based on the principle of circular economy</b></p> <p><i>Anca Ioana Nicolau (Food Microbiology Laboratory, Faculty of Food Science and Engineering, Dunarea de Jos University of Galati, Romania)</i></p>
11.50 - 12.20	<b>Coffee Break</b>
<p><b>Session 2: Prospects of S&amp;T international cooperation between the EU and the Black Sea region countries in the field of agriculture</b></p> <p><b>Chair: Vladimir Volik, Deputy Director of the Department for Agricultural Market Regulation, Fishery, Food and Processing Industry, Ministry of Agriculture of the Russian Federation</b></p>	
12.20 – 12.40	<p><b>Perspectives of international cooperation in the field of agriculture and potential areas for joint projects</b></p> <p><i>Alexei Nistrean, (Organization of the Black Sea Economic Cooperation)</i></p>
12.40 – 13.00	<p><b>Black Sea Horizon project: identifying priorities for S&amp;T cooperation between the EU and the Black Sea region countries</b></p> <p><i>Georgia Chantzi (International Centre for Black Sea Studies, Greece)</i></p>
13.00 – 13.20	<p><b>Subprogramme “Food security and sustainable agriculture” in the EU Framework Programme for Research and Innovation “Horizon 2020”</b></p> <p><i>Alena Lavrova (Horizon 2020 NCP “Biotechnology”, Federal Research Centre «Fundamentals of Biotechnology», Russian Academy of Sciences)</i></p>
13.20 – 14.20	<b>Lunch</b>
<p><b>Session 3: Towards sustainable agriculture based on new technologies and new institutional designs</b></p> <p><b>Chair: Georgia Chantzi, Research Fellow of International Centre for Black Sea Studies (Greece)</b></p>	
14.20 – 14.40	<p><b>Biotechnology improvement and international collaboration to foster the development of Bulgaria’s livestock breeding</b></p> <p><i>Elena Kistanova (Department “Embryo Biotechnologies in Animals”, Institute of Biology and Immunology of Reproduction, Bulgarian Academy of Sciences)</i></p>
14.40 – 15.00	<p><b>Agroecological principles for sustainable agriculture</b></p> <p><i>Boris Boincean (Department of Sustainable Farming Systems, Research Institute of Field Crops “Selectia”, Balti, Republic of Moldova)</i></p>
15.00 – 15.20	<p><b>The knowledge-based bioeconomy as a driver of sustainable internationally competitive agricultural sphere of Ukraine</b></p> <p><i>Olga Kot (Dobrov Centre for S&amp;T Potential and Science History Studies, National Academy of Sciences of Ukraine)</i></p>
15.20 – 15.40	<p><b>Research and inclusion in international research topics of Georgia’s germplasm resources</b></p> <p><i>Giorgi Badrishvili (Scientific Research Center of Agriculture, Georgia)</i></p>
15.40 – 16.00	<p><b>Agrochemical characteristics and ways of efficient utilization of bio-residues separated in the process of obtaining biogas from poultry droppings</b></p> <p><i>Silva Atoyán (Institute of Botany, National Academy of Sciences of the Republic of Armenia)</i></p>

**16.00 – 16.30**

**Coffee break**

<p><b>Session 4: Genetic engineering: future prospects for international cooperation</b>  <b>Chair: Alexei Nistean</b>, Executive Manager of the Permanent International Secretariat of the Organization of the Black Sea Economic Cooperation (BSEC PERMIS)</p>	
16.30 – 16.50	<p><b>The prospects and reality of GM crops in Russia</b>  <i>Sergey Zavriev, Konstantin Shestibratov</i> (Shemyakin &amp; Ovchinnikov Institute of Bioorganic Chemistry, Russian Academy of Sciences)</p>
16.50 – 17.10	<p><b>Molecular mutagenesis, by genome editing</b>  <i>Ervin Balázs</i> (Department of Applied Genomics, Agricultural Institute, Centre for Agricultural Research, Hungarian Academy of Sciences)</p>
<p><b>Session 5: Food security: new challenges for agricultural countries</b>  <b>Chair: Dmitry Korotkov</b>, Head of Division of Basic Research and S&amp;T Complex Development, Department of Science and Technologies, Ministry of Education and Science of the Russian Federation</p>	
17.10 – 17.30	<p><b>The potential role of agroforestry in tackling food security and bioenergy</b>  <i>Dirk Freese</i> (Department of Soil Protection and Recultivation, Brandenburg University of Technology Cottbus, Germany)</p>
17.30 – 17.50	<p><b>Prospective role of local food supply and urban agriculture in providing food security of large cities</b>  <i>Anna Augustyn</i> (Independent network and think tank on European agricultural and rural development policies “Groupe de Bruges”, Poland)</p>
<p><b>Wrap-up and next steps</b>  <b>Chair: Elena Metelkova</b>, Director of the Department of S&amp;T Policy and Education, Ministry of Agriculture of the Russian Federation</p>	
17.50 – 18.15	<p><b>Prospective areas for S&amp;T cooperation between the EU and the Black Sea region in sustainable agriculture</b>  <i>Georgia Chantzi</i> (International Centre for Black Sea Studies, Greece)  <i>Leonid Gokhberg</i> (National Research University Higher School of Economics, Russia)</p>

Working languages: English and Russian with simultaneous translation