



ORGANISATION FOR ECONOMIC  
CO-OPERATION AND DEVELOPMENT

---

## Workshop on “Building an Efficient Bio-based Economy through Industrial Biotechnology”

*Hosted by the Russian Federation Ministry of Science and Education*

*28-29 October, St Petersburg, Russian Federation*

### Agenda

---

<b>WORKSHOP ON BUILDING AN EFFICIENT BIO-BASED ECONOMY THROUGH INDUSTRIAL BIOTECHNOLOGY</b>	
<b>Workshop Chair: <i>Marvin DUNCAN, Chairman of the OECD Task Force on Industrial Biotechnology</i></b>	
<b>DAY 1 – Thursday 28 October 2010</b>	
<b>9.00-9.30</b>	<b>Registration and Coffee</b>
<b>9.30-10.00</b>	<b>Welcome and Introductory remarks</b> <i>Robert WELLS</i> , Head of the Biotechnology Unit, Science and Technology Policy Division, OECD <i>D. FILATOV</i> , Advisor, Department of International Integration, Russian Federation Ministry of Education and Science, Russia

10.00-10.30	<p><b>Keynote Address</b></p> <p><i>Stanislav A. NAUMOV</i>, States Secretary, Deputy Minister, Ministry of Trade and Industry Russian Federation (<i>TBC</i>)</p>
<p align="center"><b>SESSION I – Governmental Policy for the Development of Bio-Based Economy – Sharing Experience</b></p> <p><i>Objectives:</i> i) To get an overview of current approaches used by the BRIC governments for creating a policy environment enabling industrial biotechnology and ii) to map successful policy approaches specific to the BRIC countries and key failures.</p> <p><b>Facilitator for Session 1:</b> <i>Monika SORMANN, Policy Advisor, Department of Economy, Science and Innovation, Ministry of Flanders, Belgium</i></p> <p><i>Coffee will be served in the morning</i></p>	
10.30-11.50	<p><b>Presentations on National Supportive Policies for Industrial Biotechnology</b></p> <ul style="list-style-type: none"> <li>• <b>Vladimir POPOV</b>, Director, Bach Institute of Biochemistry, Russian Federation</li> <li>• <b>Sechaba BAREETSENG</b>, Deputy Director, Biotechnology, Department of Science and Technology, Ministry of Science and Technology, South Africa</li> <li>• <b>Eduardo GIACOMAZZI</b>, Head, Brazilian Biotech Association, Brazil</li> <li>• <b>Christian PATTERMAN</b>, Land Nord-Rhein Westphalia Counsellor, Member of the BioEconomy Council of the German Government, Germany</li> </ul>
11.50-12.30	<p><b>Roundtable Discussion</b></p> <p><i>Questions to be addressed:</i></p> <ul style="list-style-type: none"> <li>• <i>What are the main drivers for governments in supporting IB? What are the main policy priorities that have been set and what approaches have been used to support industrial biotechnology across its whole innovation cycle?</i></li> <li>• <i>What is the current (or expected) impact of such policies on the economy?</i></li> <li>• <i>How do we ensure the coherence and co-ordination between national and regional policies to support the development of IB and thus the economic development through IB? Are there any success stories?</i></li> <li>• <i>What are the most successful policy approaches for setting up national IB infrastructures? What are the main challenges faced?</i></li> <li>• <i>What are the most efficient approaches that might be applied to co-ordinate policy development amongst various ministries and agencies concerned?</i></li> <li>• <i>How do governments facilitate (or can facilitate) the integration of national IB networks</i></li> </ul>

	<i>into international IB consortia and networks?</i>
<b>12.30-13.30 – LUNCH</b>	
<b>SESSION I – Governmental Policy for the Development of Bio-Based Economy – Sharing Experience (continued)</b>	
<b>13.30-14.15</b>	<b>Roundtable Discussion (continued)</b>
<b>14.15-14.30</b>	<b>Synthesis of Main Discussion Points</b> <i>Monika SORMANN, Policy Advisor, Department of Economy, Science and Innovation, Ministry of Flanders, Belgium</i>
<b>SESSION II – Business Environment for the Bio-Based Economy: Toward Sustainability</b>	
<i>Objective:</i> To identify the new industrial biotechnology structural trends and to map the current and emerging business models in this sector.	
<b><u>Facilitator for Session II:</u> <i>Martin AUSTIN</i>, Managing Director, TransformRx, Basel, Switzerland</b>	
<i>Coffee will be served in the afternoon</i>	
<b>14.30-15.30</b>	<b>Presentations on Business Trends in Industrial Biotechnology and its organisation in the BRIC countries</b> <ul style="list-style-type: none"> <li>• <b>Xianguang GAO</b>, Assistant Director and Professor, Institute of Biophysics, Chinese Academy of Sciences, China</li> <li>• <b>Raif VASILOF</b>, President, Russian Biotechnology Society, Russian Federation</li> <li>• <b>Manfred KIRCHER</b>, Chairman of CLIB2021, Germany</li> </ul>
<b>15.30- 16.50</b>	<b>Roundtable Discussion</b> Questions to be addressed: <ul style="list-style-type: none"> <li>• <i>What are the most attractive IB opportunities for the BRIC countries? What are the main drivers to capture the opportunities and how they are perceived by the business environment?</i></li> <li>• <i>What initiatives (e.g. business development, co-ordination, fund raising, interaction with academia, etc.) has the IB private sector developed and implemented place to capture the opportunities? What initiatives were the most successful? What kinds of challenges have been faced while developing and implementing initiatives and how these have been overcome?</i></li> <li>• <i>What are the success stories in creating necessary infrastructure and conditions for fast</i></li> </ul>

	<p><i>commercialisation of the industrial biotechnology products/technologies?</i></p> <ul style="list-style-type: none"> <li>• <i>What challenges are faced by the private sector in industrial biotechnology while integrating international infrastructure and market?</i></li> <li>• <i>What kind of policy support would the IB private sector would need to bring the sector to maturity and higher efficiency?</i></li> </ul>
<b>16.50-17.05</b>	<p><b>Synthesis of Main Discussion Points</b>  <b>Martin AUSTIN, Managing Director, TransformRx, Basel, Switzerland</b></p>
<b>17.05-17.30</b>	<p><b>Synthesis of the Day – Summary of Conclusions</b>  <b>Marvin DUNCAN, Chairman of the OECD Task Force on Industrial Biotechnology</b></p>
<b>DINNER</b>	
<b>DAY 2 – Friday 29 October 2010</b>	
<p><b>Session III- Building Efficient Cooperation in Globalising Bio-Based Economy</b></p> <p><i>Objectives:</i> To formulate practical recommendations on how to build a more efficient bio-based economy in the BRIC countries while aligning the interests of all actors involved.</p> <p><b><u>Facilitator for Session III:</u> Alexander BARSTEV, Policy Analyst, Science and Technology Policy Division, OECD</b></p> <p><i>Coffee will be served in the morning</i></p>	
<b>9.00-10.00</b>	<p><b>Cooperation with the BRIC countries to build a more efficient bio-based economy</b></p> <ul style="list-style-type: none"> <li>• <b>John CLAXTON</b>, Deputy Head of Unit, Biotechnologies, DG Research, EU.</li> <li>• <b>Christian PATTERMAN</b>, Land Nord-Rhein Westphalia Counsellor, Member of the BioEconomy Council of the German Government, Germany.</li> </ul>
<b>10.00-12.00</b>	<p><b>Roundtable Discussion</b></p> <p><b><i>Questions to be addressed:</i></b></p> <ul style="list-style-type: none"> <li>• <i>Formulation of practical recommendations on efficient coordination amongst ministries and national agencies to efficiently develop and implement IB supportive policies;</i></li> <li>• <i>Formulation of practical recommendations on a more efficient coordination and cooperation amongst all actors of the IB innovation cycle;</i></li> <li>• <i>Formulation of practical recommendations on a more efficient commercialisation of IB products and services;</i></li> </ul>

	<ul style="list-style-type: none"> <li>• <i>Formulation of practical recommendations on mechanisms for multilateral cooperation in IB S&amp;T such as the involvement of national networks into the activities of established international consortia (ERA-NET, FP7), etc</i></li> </ul>
<b>12.00-12.20</b>	<b>Next Steps</b> <i>Alexander Barstev</i> , Policy Analyst, Science and Technology Policy Division, OECD
<b>12.20-12.30</b>	<b>Closing of the Workshop</b> <b>Workshop Chair:</b> <i>Marvin DUNCAN</i> , <i>Chairman of the OECD Task Force on Industrial Biotechnology</i>
<b>LUNCH</b>	
<b>From 18.00</b>	<b>Sightseeing event</b>

