



GLOBAL
BIOECONOMY
SUMMIT 2018

Food Security

Decarbonization

Society

Sustainability

Energy

Health

Renewables

Global Bioeconomy Summit Conference Brochure

19–20 April 2018, Berlin, Germany



Free WiFi
Telekom



#gbs2018

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Welcome Address Federal Minister of Education and Research of Germany



Anja Karliczek, MdB
Federal Minister of Education and Research

How will we feed a growing world population? How will we supply the world with energy and raw materials? How do we react to climate change? The bioeconomy can help us to master these challenges. We must use renewable resources, biological knowledge and biotechnological processes to establish a biobased – and above all sustainable – economy. Research, development and innovation provide the basis for “green” innovations.

The bioeconomy is gaining ground all over the world. Every region has different priorities depending on the conditions which prevail. The second Global Bioeconomy Summit aims to support the exchange between these regions. We must make use of regional strengths and unite them on the global level because the shift to a sustainable bioeconomy is a global task. It requires close and efficient international cooperation. This applies in particular with regard to the ambitious goals of securing the global food supply.

The German Federal Government decided early on to pursue a research and policy strategy which aims to move swiftly to a biobased economy. We are championing a common global bioeconomy agenda to secure our own future and that of the generations to come. I extend a warm welcome to all the conference attendees and guests in Berlin and wish you inspiring talks and many interesting insights.

A handwritten signature in black ink that reads "Anja Karliczek". The signature is written in a cursive, flowing style.

Welcome Address Conference Committee

When we started planning for the first Global Bioeconomy Summit in 2015, we hoped it would bring together a global bioeconomy policy community to discuss and support the development of a sustainable bioeconomy. This first GBS exceeded our expectations. The Summit mobilized bioeconomy stakeholders from around 80 countries and provided a unique networking platform for bioeconomy policy leaders and pioneers. The participants became aware of the diversity of bioeconomies and projects around the world but, most importantly, they shared a common goal: to foster bioeconomy as a transformative strategy for achieving the Sustainable Development Goals.

Much has happened since the first Global Bioeconomy Summit, and we note an unprecedented level of interest in international collaboration and sharing of experiences in the bioeconomy. We feel very privileged to have the support of the German government and of our colleagues at the German Bioeconomy Council to organize the second Global Bioeconomy Summit from 19 to 20 April 2018 in Berlin. The GBS2018 builds and draws on the insights, networks and exchanges that were initiated in 2015 and now follows up on developments during the last 2 years. In particular, we would like to express our deep gratitude to the members of the extended International Advisory Council, who contributed immensely to agenda setting and program development and who jointly elaborated the Summit Communiqué.

Over the course of the past months, we learned that the Summit community and the breadth of topics of global relevance have grown and the concept of the bioeconomy has evolved. This is reflected in the ambitious plenary program that features leading experts and visionaries of the sustainable bioeconomy, but even more so in the expanded workshop program. For the first time, bioeconomy drivers from around the world have jointly organized fourteen thematic workshops on 4 topics.

We sincerely hope that the GBS2018 will again be the unique platform for international exchanges and a fertile ground for future collaboration and policy alignment in the bioeconomy. Nearly 800 participants from more than 70 countries will discuss and network at the GBS2018. A warm welcome to all of you!

We look forward to meeting old and new friends, and to paving the way together for an innovative and sustainable global bioeconomy.



Prof. Dr. Joachim von Braun Prof. Dr. Christine Lang

Chairs of the German bioeconomy Council



Christine Lang

Co-Chair,
German Bioeconomy Council



Joachim v. Braun

Co-Chair,
German Bioeconomy Council

Program 19.04.2018

Telekom Forum Berlin

| | | |
|-------|---|----------|
| 08:30 | Opening Chairs: Joachim von Braun & Christine Lang, Co-Chairs of the German Bioeconomy Council | Atrium |
| 08:40 | PLENARY SESSION I Setting the Scene Chairs: Joachim von Braun, Co-Chair, German Bioeconomy Council Christine Lang, Co-Chair, German Bioeconomy Council Strategic Debate: Revisiting the Concept of Bioeconomy Ruben Echeverria, Director General, International Center for Tropical Agriculture (CIAT) Yin Li, Deputy Director-General of Bureau of International Cooperation, CAS Keabetswe Ncube, Researcher, Agricultural Research Council South Africa | Atrium |
| 09:00 | Political Welcome Address H.E. Anja Karliczek, Minister of Education and Research, Germany | |
| 09:15 | Emerging Trends in Bioeconomy Policies Christian Patermann, International Bioeconomy Advisor | |
| 09:20 | PLENARY SESSION II Bioeconomy, Nature and Sustainable Development Chair: Jussi Manninen, Executive Vice President, VTT Finland Introductory Keynote: Biosphere and the Global Crises of Unsustainable Resource Utilization John Schramski, Professor, University of Georgia Keynotes: 1. Role of Bio-Innovation and Biodiversity for Africa H.E. Ameenah Gurib-Fakim, Former President, Mauritius 2. Climate Protection and Conservation in the Bioeconomy H.E. Tarsicio Granizo, Minister of Environment, Ecuador 3. Tropical Agriculture and Rural Development in the Emerging Bioeconomy Mauricio Lopes, President, Brazilian Agricultural Research Corporation (Embrapa) | Atrium |
| 10:20 | Coffee Break, World Bioeconomy Exhibition and Media Corner | Lichthof |



| | | |
|--------------|---|-------------------|
| 10:50 | PLENARY SESSION II Bioeconomy, Nature and Sustainable Development Chair: Dieter Birnbacher, Professor, Heinrich-Heine-University Düsseldorf | Atrium |
| | Strategic Debate: Nature Protection & Bioeconomy – Ethics of Actions for Sustainability Panelists: Nachilala Nkombo, Country Director, WWF Zambia Hiroaki Ishizuka, Chairman Japan Bioplastics Association, Mitsubishi Chemicals Maarten van Dijk, CEO, SkyNRG Jean-François Soussana, Vice-President International Policy, INRA | |
| | Parallel Workshops I | |
| 11:35 | Bioeconomy of World Regions Africa Co-Chairs: Jan Börner, Professor, University of Bonn Julius Ecuru, Head, BioInnovate Africa Program Fabio Fava, Professor, University of Bologna (see p 37) | Bratislava |
| | Industry What works and why – Successful Implementations of Industrial Bioeconomy Co-Chairs: Matthias Braun, Chairman, German Association of Biotechnology Industries Yoshiyuki Fujishima, Director Strategic Planning Department, Japan Bioindustry Association (see p 38) | Lounge |
| | Policy Measuring and Monitoring the Bioeconomy Co-Chairs: Stefan Bringezu, Professor, Center for Environmental Systems Research, Sustainable Resource Futures Group, University of Kassel Pedro Machado, Coordinator, Embrapa, Labex Europe (see p 39) | Budapest |
| | Innovation & Environment Biodiversity for a sustainable and thriving Bioeconomy Co-Chairs: Maritta Koch-Weser, Founder and President, Earth3000 Johannes Vogel, Member, German Bioeconomy Council (see p 40) | Prague |
| 13:35 | Networking & Lunch | Lichthof |

Program 19.04.2018

Telekom Forum Berlin

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| 14:30 | <p>PLENARY SESSION III Innovation Impetus – the Future of Bioeconomy Session Chair: Murray McLaughlin, Co-Chair, Government's Industrial Bioproducts Value Chain Roundtable, Canada</p> <hr/> <p>Introductory Keynote: Ian Goldin, Director, Oxford Martin Program on Technological and Economic Change</p> <hr/> <p>Keynotes: 1. Inclusive Bioeconomy Innovations powered by the 4th Industrial Revolution Juan Carlos Castilla-Rubio, Chairman, Space Time Ventures 2. Frugal Innovation: A Catalyst for a Conscious Bioeconomy Navi Radjou, Author and Strategist 3. Building the Bioeconomy Rob Carlson, Managing Director, Bioeconomy Capital</p> <hr/> <p>Strategic Debate: What will drive Bioeconomy-Innovation in the Future? Session Chairs: Jim Philp, Policy Analyst, OECD Newai Gebre-ab, former Chief Economic Advisor to the Prime Minister Panelists: Jennifer Molloy, Researcher, University of Cambridge Adrian Percy, Global Head of Research & Development, Bayer Crop Sciences Alix Zwane, CEO, Global Innovation Fund</p> | Atrium |
| 16:15 | Coffee Break, World Bioeconomy Exhibition and Media Corner | Lichthof |

Parallel Workshops II

| | | |
|--------------|---|-------------------|
| 16:45 | Bioeconomy of World Regions Europe and North America Co-Chairs: Waldemar Kütt , Head of Unit Bioeconomy Strategy, DG RTI, European Commission David Babson , Senior Advisor, Office of the Chief Scientist, U.S. Department of Agriculture (see p 41) | Warsaw |
| | Industry (1) Bioeconomy Financing – Bringing Innovation to Market Co-Chairs: Harry Baumes , former Director, Office of Energy Policy and New Uses, USDA Anne-Hélène Mathey , Acting Director, Economic Analysis Division, Canadian Forest Service, Natural Resources Canada (see p 42) | Lounge |
| | Industry (2) Bioenergy and Biorefineries: Innovations and Futures Co-Chairs: Steve Csonka , Executive Director, Commercial Aviation Alternative Fuels Initiative (CAAFI) Ulrich Schurr , Director Bioeconomy Science Center, Forschungszentrum Jülich (see p 43) | Bratislava |
| | Policy Transformative Science and Communication Co-Chairs: Achim Dobermann , Chief Director, Rothamsted Research Ben Durham , Chief Director Bio-Innovation, National Department of Science and Technology, South Africa (see p 44) | Budapest |
| | Innovation & Environment Blue Growth: Seizing new Opportunities for a Sustainable Future Co-Chairs: Bjørn Tore Erdal , Senior Adviser, Nordic Council of Ministers Alejandro Mentaberry , Executive Coordinator, Scientific and Technological Cabinet, Ministry of Science, Technology and Productive Innovation, Argentina (see p 45) | Prague |
| 18:45 | Break | |
| 19:00 | Evening Reception (at the Telekom Forum) | Lichthof |

Program 20.04.2018

Telekom Forum Berlin

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|-------|---|-----------------|
| 08:30 | Political Welcome Address H.E. Julia Klöckner, Federal Minister of Food and Agriculture, Germany | |
| 08:40 | Maria Helena Semedo, Deputy Director-General, Food and Agriculture Organization of the United Nations | |
| 08:50 | PLENARY SESSION IV Global Policy Frameworks for the Bioeconomy Chair: Regina Birner, Member, German Bioeconomy Council Keynotes: 1. Strengthening the Climate Agreement and Energy Security Frank Rijsberman, Director-General, Global Green Growth Institute 2. Science and Technology Policy & Regulation for an Expanding Bioeconomy Mary Maxon, Associate Laboratory Director for Biosciences, Berkley Lab 3. Strengthening Trade and Investment Agreements for Inclusive Development with Bioeconomy Fan Shenggen, Director General, International Food Policy Research Institute Strategic Debate: Revisiting the Concept of Bioeconomy Session Chairs: Mohamed Ait Kadi, President, Council of Agricultural Development, Morocco Dirk Pilat, Deputy Director, OECD Directorate for Science, Technology and Innovation Panelists: H.E. Lino Barañao, Minister of Science, Technology and Innovative Production, Argentina H.E. Suvit Maesincee, Minister of Science and Technology, Thailand Klaus Töpfer, former Executive Director of the United Nations Environment Program and former German Federal Minister Thomas Videbæk, Executive Vice President & COO for Research, Innovation & Supply, Novozymes | Atrium |
| 10:35 | Coffee Break, World Bioeconomy Exhibition and Media Corner | Lichthof |

| Parallel Workshops III | | |
|------------------------|--|-------------------|
| 11:00 | Bioeconomy of World Regions (1) Asia Co-Chairs: Morakot Tanticharoen , Senior Advisor to the President of the National Science and Technology Development Agency, Thailand Masahiro Uemura , Director, Ministry of Economy, Trade and Industry, Japan (see p 46) | Warsaw |
| | Bioeconomy of World Regions (2) Latin America and the Caribbean Co-Chairs: Rubén Echeverría , Director General, International Center for Tropical Agriculture (CIAT) Adrián Rodríguez , Chief Agricultural Development Unit, UN Economic Commission for Latin America and the Caribbean Eduardo Trigo , Advisor to Ministry of Agroindustry, Argentina (see p 47) | Bratislava |
| | Industry The Great Convergence: Digitalisation, Biologicalisation and the Future of Manufacturing Co-Chairs: Rafi Wertheim , Professor for Mechanical Engineering, IWU Fraunhofer, Germany Gerry Byrne , Professor of Mechanical Engineering at University College Dublin (see p 48) | Lounge |
| | Policy International Cooperation in Education and Training Co-Chairs: Ahmed Fahmi , Program Specialist, Natural Science Sector, UN Educational, Scientific and Cultural Organization Josef Glössl , Professor, University of Natural Resources and Life Sciences Vienna (see p 49) | Budapest |
| | Innovation & Environment Bioeconomy, Health and Climate Change Co-Chairs: Andrew Haines , Professor, Depts of Social and Environmental Health Research and of Population Health, London School of Hygiene and Tropical Medicine Jos Lelieveld , Director of Atmospheric Chemistry Department, Max Planck Institute for Chemistry (see p 50) | Prague |
| 13:00 | Networking & Lunch | Lichthof |

Program 20.04.2018

Telekom Forum Berlin

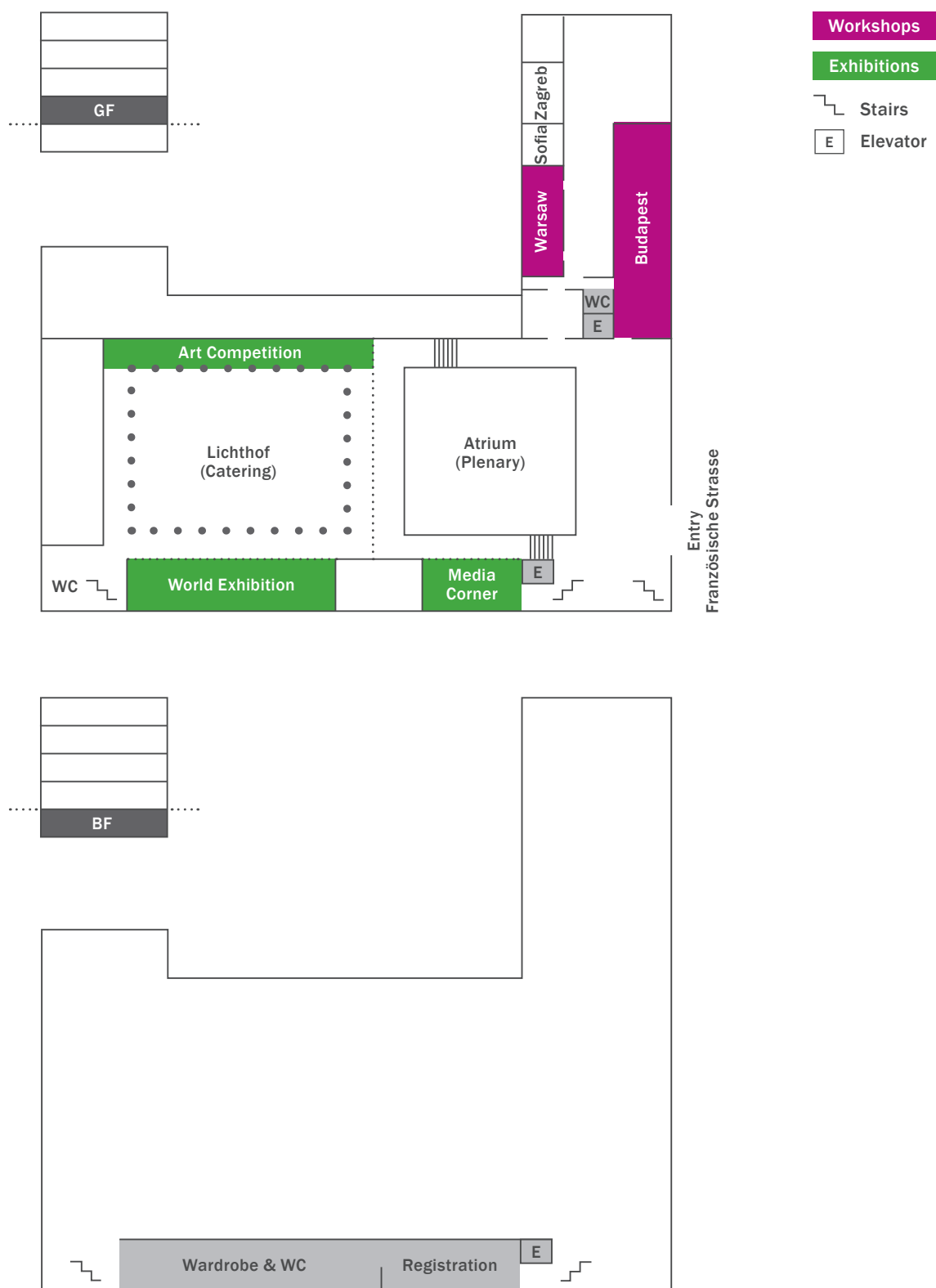
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| 14:00 | <p data-bbox="379 488 1212 533">PLENARY SESSION V</p> <p data-bbox="379 533 1212 577">International Collaboration in Bioeconomy Innovation Agendas</p> <p data-bbox="379 577 1212 611">Session Chairs:</p> <p data-bbox="379 611 1212 667">John Bell, Director Bioeconomy, European Commission DG Research & Innovation</p> <p data-bbox="379 667 1212 701">Elsbeth MacRae, General Manager Manufacturing & Bioproducts, SCION</p> <hr/> <p data-bbox="379 723 1212 757">Introductory Keynote:</p> <p data-bbox="379 757 1212 790">Global Innovation Agendas to Achieve a Sustainable Bioeconomy</p> <p data-bbox="379 790 1212 824">Ulrich Hamm, Member, German Bioeconomy Council</p> <hr/> <p data-bbox="379 846 1212 913">Strategic Debate: Reshaping Stakeholder Exchange and Agenda Setting for International Collaboration</p> <p data-bbox="379 913 1212 947">Panelists:</p> <p data-bbox="379 947 1212 981">Carl Wolf, Vice President Europe, LanzaTech</p> <p data-bbox="379 981 1212 1014">Gertrude Ngabirano, Executive Secretary, East African S&T Commission</p> <p data-bbox="379 1014 1212 1070">Yoshihide Esaki, Deputy Director-General, Ministry of Economy, Trade and Industry & Cabinet Secretariat Japan</p> | Atrium |
| 15:00 | Reporting from Workshop Tracks | |

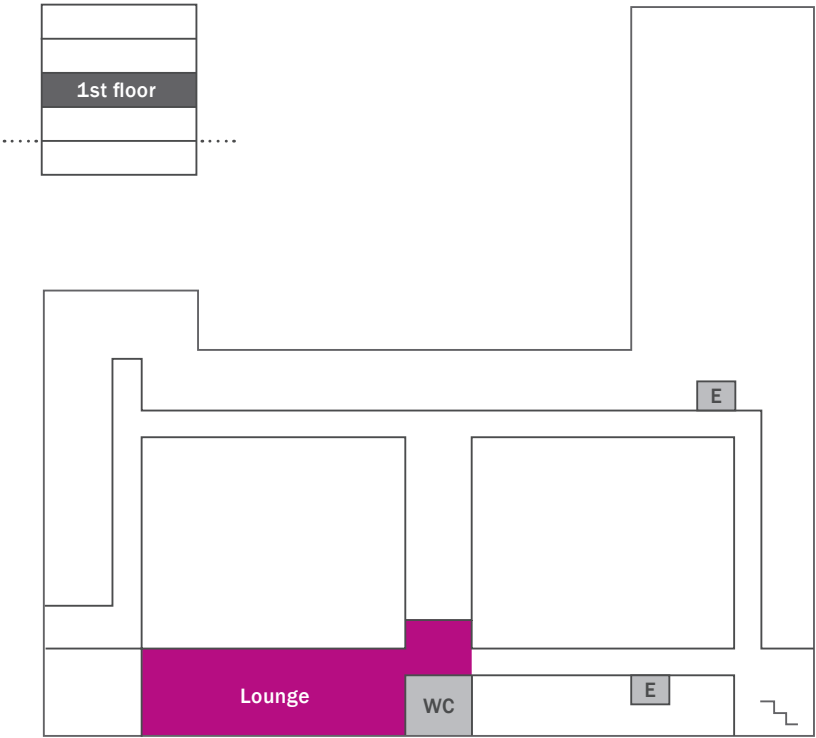
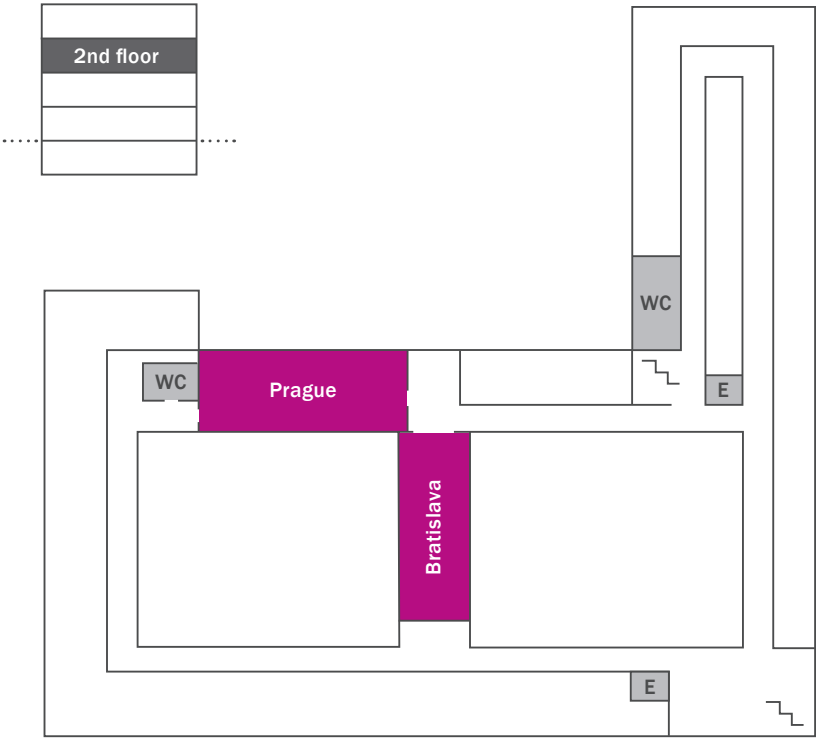


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| 15:30 | PLENARY SESSION VI The Way forward – Communiqué of GBS2018 Session Chairs: Joachim von Braun, Co-Chair, German Bioeconomy Council Christine Lang, Co-Chair, German Bioeconomy Council Panelists: Marcelo Sanchez Sorondo, Bishop & Chancellor, Pontifical Academy of Science Dirk Carrez, Executive Director, Bio-based Industries Consortium (BIC) Aitbate Hatago Stuurmann, Researcher, University of Namibia H.E. Cameron Dick, Minister for State Development, Manufacturing, Infrastructure and Planning, Queensland Government | Atrium |
| 16:15 | Farewell Coffee | Lichthof |

Floor Map

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International Advisory Committee (IAC)

The International Advisory Council (IAC) has been setup as an informal platform of leading bioeconomy experts from both hemispheres to review the state of bioeconomy in different parts of the world and to identify opportunities for an accelerated transition to sustainable bioeconomy. The IAC was first formed for the Global Bioeconomy Summit 2015 and has been maintained, extended and updated for the Global Bioeconomy Summit 2018.

The IAC members have contributed significantly to agenda setting and the workshop program of the Global Bioeconomy Summit 2018. Most importantly, the exchanges within the IAC have resulted in the GBS2018 Communiqué, a set of recommendations for international bioeconomy policy which will be presented at the Summit.

| Country | First Name | Last Name | Biography/Position |
|----------------------------|------------|-------------|---|
| Argentina | Eduardo | Trigo | Bioeconomy Advisor to the Government of Argentina |
| Australia | Ian | O'Hara | Queensland Biofutures Industry Envoy & Professor, Queensland University of Technology |
| Austria | Josef | Glössl | Initiative Bioeconomy Austria & Vice Rector for Research and International Research Collaboration, University of Natural Resources and Life Sciences (BOKU) |
| Brazil | Pedro | Machado | Coordinator of Embrapa Labex Europe |
| Canada | Murray | McLaughlin | Co-chair, Government's Industrial Bioproducts Value Chain Roundtable |
| China | Yin | Li | Deputy Director-General, Tianjin Institute of Industrial Biotechnology, Chinese Academy of Sciences |
| Ethiopia | Neway | Gebre-Ab | Former Chief Economic Adviser to Prime Minister |
| EU | John | Bell | Director Bioeconomy, DG R & I, EU Commission |
| Finland | Jussi | Manninen | Executive Vice President, Solutions for Natural Resources and Environment, VTT |
| France | Paul | Colonna | Deputy Scientific Director for Food, Nutrition and Bioeconomy, French National Institute for Agricultural Research (INRA) |
| Germany | Christine | Lang | Co-Chair, German Bioeconomy Council |
| Germany | Joachim | von Braun | Co-Chair, German Bioeconomy Council |
| Germany | Christian | Patermann | International Bioeconomy Expert & former Director Biotechnology DG R & I, European Commission |
| Great Britain | Achim | Dobermann | Director & Chief Executive, Rothamsted Research |
| Iceland | Sveinn | Margeirsson | CEO, Matís Iceland |
| India | Renu | Swarup | Managing Director, Biotechnology Industry Research Assistance Council |
| International Organization | Olivier | Dubois | Leader Energy Program, Climate, Energy and Tenure Division, Food and Agriculture Organization of the United Nations (UNFAO) |
| International Organization | Rubén | Echeverría | Director General, International Center for Tropical Agriculture (CIAT) |
| International Organization | James | Philp | Policy Analyst, Science and Technology Policy Division, Organisation for Economic Co-operation and Development (OECD) |

| Country | First Name | Last Name | Biography/Position |
|----------------------------|------------|--------------|--|
| International Organization | Frank | Rijsberman | Director General, Global Green Growth Institute (GGGI) |
| International Organization | Adrian | Rodriguez | Chief, Agricultural Development Unit, United Nations Economic Commission for Latin America and the Caribbean (UNECLAC) |
| Iran | Omid | Tavakoli | Head of Iran Bioeconomy Committee, University of Tehran |
| Italy | Fabio | Fava | Professor, Industrial & Environmental Biotechnol., University of Bologna |
| Japan | Masahiro | Uemura | Director, Bio-industry Division, Ministry of Economy, Trade & Industry |
| Malaysia | Zurina | Che Dir | Senior Vice President, Bioeconomy Programme & Delivery Management, Malaysian Bioeconomy Corporation |
| Morocco | Mohamed | Ait Kadi | President, General Council of Agricultural Development |
| Namibia | Paulus | Mungeyi | Manager Biotechnology, National Commission on Research, Science and Technology |
| Netherlands | Jan | van Esch | Senior Policy Officer, Ministry of Economic Affairs & Bioeconomy Strategic Working Group, EU Standing Committee on Agricultural Research |
| New Zealand | Elsbeth | MacRae | General Manager Manufacturing and Bioproducts, SCION |
| Nigeria | Baba Yusuf | Abubakar | Executive Secretary, Agricultural Research Council of Nigeria |
| Nordic Union | Geir | Oddson | Senior Advisor, Nordic Council of Ministers |
| Norway | Mogens | Lund | Director of Division for Food Production and Society, Norwegian Institute of Bioeconomy Research (NIBIO) |
| Poland | Andrzej | Siemaszko | Director, National Contact Point for EU Research Programs |
| Russia | Vladimir | Popov | Director, A.N. Bach Institute of Biochemistry, Russian Academy of Sciences |
| South Africa | Ben | Durham | Chief Director Bio-innovation, National Dept. of Science and Technology |
| South Korea | Seung Jun | Yoo | Managing Director, Korea Bio-Economy Research Center at Korea Biotechnology Industry Organization (KoreaBIO) |
| Spain | Manuel | Lainez | Director, National Institute for Agricultural and Food Research and Technology (INIA) |
| Sweden | Ivar | Virgin | Senior Researcher, Stockholm Environment Institute (SEI) |
| Thailand | Morakot | Tanticharoen | Senior Advisor to the President, National Science and Technology Development Agency (NSTDA) |
| USA | Harry | Baumes | former Director, U. S. Department of Agriculture |



A man in a blue suit is seen from the back, looking out over a large, blurred audience in a conference hall. The background is filled with warm, orange and red bokeh lights, suggesting a large gathering. A green semi-transparent banner is at the bottom of the image.

Plenary Speakers

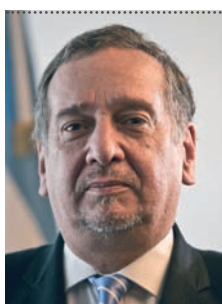
Global Bioeconomy Summit 2018
19–20 April 2018
Telekom Forum, Berlin

Plenary Speakers



Mohamed Ait Kadi | President, Council of Agricultural Development, Morocco
Session Chair, Strategic Debate, Plenary Session IV

Mohamed Ait Kadi is presently President of the General Council of Agricultural Development. This Council is a high level policy Think Tank of the Ministry of Agriculture, Fisheries, Rural Development and Forestry in Morocco. He was also Secretary General of the Ministry. He is resident member of King Hassan II Academy of Sciences and Techniques. He has been a member of the Board of the Central Bank of Morocco, the CGIAR Consortium Board, IFPRI's Board of Trustees and the Board of Advisors of the World Agricultural Forum. He has served in many high level international assignments.



H.E. Lino Barañao | Minister of Science, Technology & Innovative Production, Argentina
Panelist, Strategic Debate, Plenary Session IV

H.E. Lino Barañao holds a PhD in Chemistry from the University of Buenos Aires. He has an extensive career as a scientific researcher in Argentina, the United States and Germany, specializing in cell biology, physiology of reproduction and animal biotechnology. In 2002 he was part of the team that achieved the first cloned veal of Latin America, which was genetically altered for the production of human growth hormone milk (hGH). From 2003 to 2007 he was president of the National Agency for Scientific and Technological Promotion. He is the first to hold the position of Minister of Science, Technology and Productive Innovation of the Nation.



John Bell | Director Bioeconomy, DG Research & Innovation, EU Commission
Session Chair, Plenary Session V

John Bell is the Director Bioeconomy, DG Research & Innovation. He is implementing EU research & innovation policy and initiatives in biobased industries, sustainable bioeconomy, agriculture, food sector, forestry, maritime and inland water. He has been a European Commission official since 1993. Mr. Bell was also a member of the Cabinet of Commissioner David Byrne with responsibility for enlargement, public health and global health security issues, including bioterrorism, and Head of Cabinet for European Commissioner Meglena Kuneva on Consumer Affairs. He completed his Doctorate at St John's College, Oxford University in 1993.



Dieter Birnbacher | Professor, Heinrich-Heine-University Düsseldorf
Session Chair, Strategic Debate, Plenary Session II

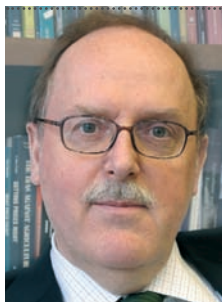
Dieter Birnbacher, born 1946 in Dortmund, Germany, studied Philosophy, English and General Linguistics. He earned a B. A. (Cambridge), a Dr. phil. (Hamburg) and holds a Habilitation (Essen). From 1993 to 1996 he was professor of philosophy at the University of Dortmund and from 1996 to 2012 professor of philosophy at the University of Düsseldorf. Professor Birnbacher has published widely in applied ethics, such as bioethics, environmental ethics and future ethics. He is a member of the Central Ethics Commission of the Bundesärztekammer (German Medical Association), Vice-President of the Schopenhauer-Gesellschaft, Frankfurt/M. and a member of Leopoldina, National Academy of Sciences.



Regina Birner | Member, German Bioeconomy Council
Session Chair, Plenary Session IV

Regina Birner is the Chair of Social and Institutional Change in Agricultural Development at the University of Hohenheim, Germany. From 2004 to 2010, she led the Governance Research Program of the International Food Policy Research Institute (IFPRI) in Washington, DC. Since 2012, she has been a member of the German Bioeconomy Council and the German Advisory Council on Agricultural and Food Policy. She has been consulting with international organizations, such as the Food and Agriculture Organization of the United Nations (FAO). She received her doctoral degree in Socio-Economics of Agricultural Development from the University of Goettingen, Germany.

Plenary Speakers



Joachim v. Braun | Co-Chair, German Bioeconomy Council

Session Chair, Plenary Session I and VI

Joachim von Braun is Professor and Director of the Department for Economic and Technological Change at the Center for Development Research (ZEF), Germany. In 2017, he has been nominated President of the Pontifical Academy of Sciences of the Vatican. Since 2012 he is the Chair of the German Bioeconomy Council and the Vice-President of the NGO "Welthungerhilfe". From 2002 to 2009 he was Director General of the International Food Policy Research Institute (IFPRI) based in Washington DC. Before these positions, von Braun was professor at Kiel University, Germany. He received his doctoral degree in agricultural economics from the University of Goettingen, Germany.



Rob Carlson | Managing Director, Bioeconomy Capital

Keynote Speaker, Plenary Session III

Rob Carlson is a Managing Director of Bioeconomy Capital, which invests in start-ups working at the interface of biology, engineering, and manufacturing. Dr. Carlson is best known for developing technological and economic metrics for biotechnology; The Economist deems these "Carlson Curves" as important for biology as Moore's Law is for semiconductors. Carlson's book "Biology is Technology" received the PROSE award for Best Engineering and Technology Book of 2010 and was named to Best of 2010 lists by writers at The Economist and Foreign Policy. Carlson earned a doctorate in Physics from Princeton University in 1997.



Dirk Carrez | Executive Director, Bio-based Industries Consortium (BIC)

Panelist, Plenary Session VI

Dirk Carrez is the Executive Director of the Bio-based Industries Consortium (BIC). BIC represents the private sector in a public-private partnership (PPP) with the European Commission, known as the Bio-based Industries Joint Undertaking (BBI JU). Dirk is a bioengineer and holds a PhD in Agricultural Sciences. He has worked at SOLVAY in the research department, at the Belgian Federation for Life Sciences and the Chemical Industry as Director of Innovation & Product Policy and as Secretary-general of the Belgian Biotechnology Industry Association, and has been Director Industrial Biotechnology at EuropaBio. He is also the Managing Director of Clever Consult.



Juan Carlos Castilla-Rubio | Chairman, Spacetime Ventures

Keynote Speaker, Plenary Session III

Serial entrepreneur, founder & CEO of start-ups in AI, biotech, fintech and cleantech. Senior executive leadership positions at Cisco, SABMiller, Oliver Wyman and McKinsey & Co. Former founding CEO, biotech start-up Bioingenieria Aplicada S.A. Founder & Chairman, Planetary Skin Institute, a Silicon Valley R&D corporation co-founded with NASA. Founder and Chairman, Space Time Ventures and Space Time Analytics. WEF: Member, Global Future Council on Environment and Resource Security; Member, Global Advisory Council for the last eight years designing and incubating innovation programs to address global critical issues in energy, food & water security, risk management, climate change and tropical ecosystem protection.



Cameron Dick | Minister, State Development, Manufacturing, Infrastructure and Planning for the Australian state of Queensland

Panelist, Plenary Session VI

Minister Dick is responsible for delivering the Queensland Government's Advance Queensland Biofutures 10-Year Road Map and Action Plan with a vision of a \$1 billion industrial biotechnology and bioproducts sector by 2026. The 10-Year Biofutures Road Map showcases Queensland's unique opportunities including climate, available land, quality feedstock, and close positioning to emerging markets. Minister Dick is supported in his work by Queensland's inaugural Biofutures Industry Envoy Professor Ian O'Hara of the Queensland University of Technology, who joins Minister Dick at the Global Bioeconomy Summit 2018.



Maarten van Dijk | CEO, SkyNRG

Panelist, Strategic Debate, Plenary Session II

Maarten van Dijk is the CEO at SkyNRG. He has been involved in the company right from the start in 2010. Before taking on the role as CEO, he was responsible for Business Development and Sustainability, focusing on regional supply chain development. Maarten facilitates SkyNRG's independent Sustainability Board and is currently in the Board of Directors of the Roundtable of Sustainable Biomaterials. He holds various advisory and board positions in renewable jet fuel projects, across the globe. Maarten studied chemistry at Utrecht University, where he graduated with majors in renewable energy technologies and in business economics.



Yoshihide Esaki | Deputy Director-General, Ministry of Economy, Trade and Industry & Cabinet Secretariat Japan

Panelist, Strategic Debate, Plenary Session V

Yoshihide Esaki is Deputy Director-General for healthcare, biotechnology and medical policy of the Japanese Ministry of Economy, Trade and Industry (METI) and the Cabinet Secretariat. After graduating at the University of Tokyo he joined METI in 1989 and has worked in various positions within the Ministry. From 2012 to 2017 he, for example, was involved in the legal system reform concerning to regenerative medicine at the Bio-Industry Division. Mr. Esaki further worked for the EU Directorate General for Industry (DG III) the Japanese Agency for Natural Resources and Energy, and the Gifu prefectural Government.



Ruben G. Echeverría | Director General, Internat. Center for Tropical Agriculture (CIAT)

Panelist, Strategic Debate, Plenary Session I

Currently Director General of the International Center for Tropical Agriculture (CIAT-CGIAR). CIAT has a global research for development mandate related to sustainable food systems, including crop biodiversity and productivity, management of natural resources, climate change, ecosystem services and policy analysis. Ruben studied Agronomy at the Univ. of Uruguay (B.Sc.) and Agriculture and Applied Economics at the University of Minnesota (M.Sc. & Ph.D.). He worked on agricultural research policy issues and capacity building in Asia, Africa & Latin America, based at ISNAR (CGIAR), The Hague. He worked for 15 years at the Inter-American Development Bank in Washington, and for 5 years as Execut. Director of the Science Council of CGIAR in Rome.



Newai Gebre-ab | Former Chief Economic Advisor to the Prime Minister of Ethiopia

Session Chair, Strategic Debate, Plenary Session III

Newai Gebre-ab is the former Executive Director of the Ethiopian Development Research Institute and the former Chief Economic Advisor to the Prime Minister. He has extensive experience not only in formulating green growth and development strategies but also in macro-economic policy and international finance. In the course of his career, Mr. Gebre-ab has been involved in many multi lateral policy forums and negotiations, such as the World Bank, the IMF, the United Nations and the New Partnership for Africa's Development. Gebre-ab earned his undergraduate degree in economics from Haile Selassie University, Addis Ababa, and his B.Litt. degree in economics from Oxford University.



Ian Goldin | Director, Oxford Martin Program on Technological & Economic Change
Keynote Speaker, Plenary Session III

Ian Goldin was the founding Director of the Oxford Martin School (2006-2016). He is currently Oxford University Professor of Globalization and Development and the Director of the Oxford Martin Program on Technological and Economic Change. In the course of his career, he was Vice President of the World Bank, Chief Executive and Managing Director of the Development Bank of Southern Africa and served as an advisor to President Nelson Mandela. He has a BA and a BSc from the University of Cape Town, an MSc from the London School of Economics, and an MA and Doctorate from the University of Oxford.

Plenary Speakers



H.E. Tarsicio Granizo | Minister of Environment, Ecuador

Keynote Speaker, Plenary Session II & Panelist, Strategic Debate, Plenary Session IV

Tarsicio Granizo has been an Ecuadorian biologist, researcher and planner for 35 years in the environmental conservation for governmental and non-governmental organizations in several countries in Latin America. He has authored and co-authored several scientific publications in Ecuador and other countries. He was appointed Minister of the Environment on 24 May 2017. Has a degree in Biological Sciences from the Pontifical Catholic University of Ecuador and studied in Ecoauditories and Environmental Business Planning of the Institute of Ecological Research in Malaga – Spain.



Ameenah Gurib-Fakim | former President, Mauritius

Keynote Speaker, Plenary II

Ameenah Gurib-Fakim was the former president of Mauritius. She's been honored as one of the Foreign Policy's 2015 Global Thinkers. Mrs. Gurib-Fakim has been, prior to joining the State House, the Managing Director of the Centre International de Développement Pharmaceutique (CIDP) Research and Innovation as well as Professor of organic chemistry with an endowed chair at the University of Mauritius. She has long been a leading biodiversity scientist studying one of the world's key biodiversity hotspots. As an entrepreneur at CIDP R & I and professor of organic chemistry, she analyzed the plants from the region for their health, nutritional, and cosmetic applications.



Ulrich Hamm | Member, German Bioeconomy Council

Keynote Speaker, Plenary Session V

Ulrich Hamm is professor for agricultural and food marketing at the University of Kassel, Germany. He has more than twenty years of experience in consumer research and agricultural/food marketing. In recent years, he has specialized in organic food and ethically motivated consumption. In 2012, Ulrich has been appointed to the German Bioeconomy Council. For five years, he has also been a member of the German Scientific Advisory Board for Biodiversity and Genetic Resources. He serves on the world board of the International Society of Organic Agriculture Research (ISO FAR) and is an editor of the Organic Agriculture journal.



Hiroaki Ishizuka | Chairman Japan Bioplastics Assoc., Mitsubishi Chemicals

Panelist, Strategic Debate, Plenary Session II

Chief Executive Officer & Director at Mitsubishi Chemical Corporation Japan. He began his career at Mitsubishi Chemicals in 1972 after graduation in chemical sciences at Tokyo University. Since then, he has held numerous positions in the plastics, polymer and petrochemicals divisions of the group. Hiroaki Ishizuka served on several boards of directors, including Mitsubishi Chemicals Corp. and the Kaiteki Institute. He is the Chairman of the Japan Bioplastics Association, the New Energy and Industrial technology Development Organization, the Japan Association for Chemical Innovation and the Japan Plastics Industry Federation.



H.E. Anja Karliczek | Federal Minister of Education and Research

Welcome Address

Anja Karliczek was appointed Federal Minister of Education and Research in March 2018. She gained a diploma in business management from the FernUniversität Hagen after completing initial training as a bank clerk at Deutsche Bank AG and training in hotel management, during which she also gained qualifications to train apprentices. She worked as a hotel manager from 1994 until becoming a Member of the German Federal Parliament (Bundestag) in 2013, where she dealt primarily with issues of finance and tourism. As Minister she has announced an "offensive" for education, research and digitization. She is convinced that science has to be brought to the public's attention.



H.E. Julia Klöckner | Federal Minister of Food and Agriculture

Welcome Address

Julia Klöckner was appointed Federal Minister of Food and Agriculture in March 2018. She gained a M.A. in Political Science, Theology and Education from Johannes Gutenberg University of Mainz and underwent a journalist trainee program. From 2002 to 2011 she was a member of parliament in the German Bundestag and, from 2009 to 2011, she was a parliamentary undersecretary in the Federal Ministry of Food, Agriculture and Consumer Protection. From 2011 to 2018, she was the Chair of the CDU parliamentary group in the Land parliament of Rhineland-Palatinate and Deputy Chair of the federal CDU.



Christine Lang | Co-Chair, German Bioeconomy Council

Session Chair, Plenary Session I and VI

Christine Lang is founder and Managing Director of Organobalance GmbH, which became part of Novozymes A/S in 2016. At the Technical University Berlin she lectures on genetics in biotechnology. Since 2012, she is the Chair of the German Bioeconomy Council. Christine Lang is active in biotechnology associations, for example as a member of the Management Boards of DECHEMA and VCI/DIB and Vice-President of VAAM. She received her doctoral degree from the Ruhr-Universität Bochum, Germany and then worked for 10 years in industrial research at Hüls Chemie. In 1993 she became researcher at the TU Berlin and consequently professor of microbiology and Molecular Genetics.



Yin Li | Deputy Director-General of Bureau of International Cooperation, CAS

Panelist, Strategic Debate, Plenary Session I

Yin Li received his PhD in Fermentation Engineering at Jiangnan University in China in 2000. He worked in the Netherlands, Ireland, and United States as a researcher. In 2006 he was appointed as professor by the Institute of Microbiology, Chinese Academy of Sciences (CAS). Yin Li is a microbial biotechnologist with broad interest in bioeconomy. Currently he is the Deputy Director-General of Bureau of International Cooperation CAS, director of the CAS-TWAS Centre of Excellence for Biotechnology, and editor or editorial board member of the journals Microbiology, Microbial Cell Factories, Biotechnology Journal, Industrial Biotechnology, and Food Bioscience.



Maurício Antonio Lopes | President, Embrapa Brazil

Keynote Speaker, Plenary Session II

Maurício Lopes, a plant geneticist by training, received his BSc degree in Agronomy (1983) from the Federal University of Viçosa, Brazil, his MS degree in Plant Genetics (1989) from Purdue University, Indiana, USA and his PhD in Genetics (1993) from the University of Arizona, Tucson, USA. He served in a number of national and international committees, missions, panels and working groups related to agricultural R&D. He started his activities as an Embrapa (Brazilian Agricultural Research Corporation) researcher in 1989. Since then, he has held several leadership positions in the company. Most recently, he was the R&D Director. Since 2012, he is the president of Embrapa.



Elsbeth MacRae | General Manager for Manufacturing and Bioproducts, Scion

Session Chair, Plenary Session V

Elsbeth MacRae leads Scion's bioeconomy related activities including biorefinery, bioenergy, biodiscovery and bioplastic, clean technology, wood and fibre, and biotech/omics activities from discovery to commercialisation. She leads a Portfolio for the National Science Challenge in Science and Technology for Industry and is Deputy Chair of the Biopolymer Network Ltd Board, a member of the Bioprocessing Alliance and the NZ Packaging Council governance groups. She has represented Scion in biotech policy issues for 12 years, participated in governmental delegations and provided future activities for the New Zealand government for six years. She is New Zealand's representative on the EPSO committee 2008-2018.



H.E. Suvit Maesincee | Minister of Science and Technology, Thailand

Panelist, Strategic Debate, Plenary Session IV

Suvit Maesincee has been the Minister of Science and Technology of Thailand since 2017. He received his PhD in Marketing from Kellogg Graduate School of Management in the US. Prior to his current appointment, he was the Director of the Sasin Institute for Global Affairs in Thailand during 2008-2014. He was also Deputy Minister of Commerce in 2015, and Minister attached to the Prime Minister's Office in 2016. He is very instrumental in driving Thailand 4.0, which is a long-term national strategy to transform Thailand's economy into one that is more value-based and innovation-driven through S&T and innovation.

Plenary Speakers



Jussi Manninen | Executive Vice President, VTT Finland

Session Chair, Plenary Session II

Jussi Manninen is Executive Vice President at VTT responsible for the business area of Solutions for Natural Resources and Environment. The business area consists of 450 research professionals working in three research areas: industrial biotechnology and food solutions, biomass processing and products, and sustainable energy and chemical technologies. Jussi moved to VTT from the Ministry of Employment and the Economy of Finland, where he was responsible for the implementation of the Finnish Government's key projects on the Bioeconomy and Cleantech and the Finnish bioeconomy strategy.



Mary Maxon | Associate Laboratory Director, Biosciences of Berkeley Lab

Keynote Speaker, Plenary Session IV

Mary Maxon is the Associate Laboratory Director for Biosciences of Lawrence Berkeley National Laboratory (Berkeley Lab). She has been integral to the strategic planning efforts and development of the Biosciences Area for four years. She earned her graduate degree in molecular cell biology from the University of California, Berkeley. Mary has worked in the private sector, both in the biotechnology and pharmaceutical industry, as well as the public sector, highlighted by her tenure as the Assistant Director for Biological Research at the White House Office of Science and Technology Policy (OSTP) in the Executive Office of the President, where she developed the National Bioeconomy Blueprint.



Murray McLaughlin | Industrial Bioproducts Value Chain Roundtable, Canada

Session Chair, Plenary Session III

Murray McLaughlin is Co-Chair, of the Government's Industrial Bioproducts Value Chain Roundtable, Canada. He was the founding Executive Director of BIC (2010-2016) and the Sustainable Chemistry Alliance (2009-2016) in Sarnia, Ontario. In the course of his career, Murray has held several high-level positions in agriculture as well as the biobased industry. He was President of Ontario Agri-Food Technologies, Deputy Minister of Saskatchewan Agriculture and Food, and President of Ag-West Biotech. He is a graduate of Nova Scotia Agricultural College, McGill (B. Sc. Agr.) and Cornell (MSC and PhD). McLaughlin is currently President of McLaughlin Consultants and consults on the Bioeconomy, Agriculture and Forestry sectors.



Jennifer Molloy | Researcher, University of Cambridge

Panelist, Strategic Debate, Plenary Session III

Jenny Molloy is a Shuttleworth Foundation Research Fellow at the University of Cambridge, studying the role and impact of open approaches to intellectual property for a sustainable and equitable bioeconomy. Her work focuses on initiatives that increase access to scientific tools such as instrumentation and biological reagents. Jenny is particularly interested in the social outcomes of distributed innovation with next generation biotechnologies in low-resource settings, making research tools more accessible, and useful as an experiment that can provide insights into the economics and sociology of science and technology.



Keabetswe Tebogo Ncube | Researcher, Agricultural Research Council South Africa

Panelist, Strategic Debate, Plenary Session I

Ms. Keabetswe Tebogo Ncube is a PhD student of Genetics at the Agricultural Research Council, Biotechnology Platform, South Africa, registered at the University of Kwa-Zulu Natal. She is on a research exchange program at the USDA-ARS Animal Genomics Improvement Lab in Beltsville. Ms. Ncube's work with ARS enhances ongoing work by the ARS lab on the USDA-USAID Feed the Future Livestock Improvement Project, as well as advancing ARS cattle genomics research. She has been named a Top Outstanding Young Person in academic Excellence by Junior Chamber International South Africa (2017), and Next Einstein Forum Ambassador (NEF) for South Africa.



Gertrude Ngabirano | Executive Secretary, East African S&T Commission

Panelist, Strategic Debate, Plenary Session V

Gertrude is the Executive Secretary of the East African Science and Technology Commission (EASTECO), an institution of the East African Community. The development objective of EASTECO is to promote and coordinate the development, management, and application of science & technology to support regional integration and socio-economic development. With EASTECO, she is at the forefront of coordinating multidisciplinary stakeholders from the East African Community (EAC) partner states to formulate and implement regional science and technology initiatives including regional strategy and policy development for socio-economic growth and regional integration. She is passionate about nurturing the innovation potential of the east African region.



Nachilala Nkombo | Country Director, WWF Zambia

Panelist, Strategic Debate, Plenary Session II

Nachilala Nkombo is the Country Director for the World Wide Fund for Nature in Zambia, where she is spearheading conservation programs that seek to impact agriculture, natural resources, and energy policies and programs in Zambia. Nachilala Nkombo has over ten years of experience in leading national and international policy reform initiatives. Prior to joining WWF Zambia, Nkombo served as Deputy Director for Africa at the ONE Campaign in South Africa, where she led the organization's advocacy and campaign work. She holds a Masters of Public Management from The University of Potsdam, Germany and a Bachelor of Arts & Economics from the University of Zambia.



Christian Patermann | International Bioeconomy Advisor

Speaker, Plenary Session I

Christian Patermann is an international bioeconomy expert and advisor. Over the years, he has held numerous top positions in the international science and technology policy world. He was the Director of Biotechnology, Agriculture and Food Research and the Director for Environment and Sustainable Development at the European Commission's Research Directorate-General and he was Deputy Director-General at the German Federal Ministry for Research and Education. Previously, he worked at the European Space Agency and the European Molecular Biology Laboratory.



Adrian Percy | Global Head of Research & Development, Bayer Crop Sciences

Panelist, Strategic Debate, Plenary Session III

Adrian Percy is the Head of Research & Development of Bayer Crop Science. He is also a member of the R&D Executive Committee of Bayer and a Member of the Board of Trustees for the Bayer Science & Education Foundation. He began his career in 1991 as a toxicologist with Rhone-Poulenc Agrochimie based in France. Since then, he has held numerous positions in the Crop Science division of Bayer and its legacy companies in France, Germany, and the USA. Adrian earned a Bachelor's degree in Pharmacology at the University of Liverpool, a Master's degree in Toxicology and then a doctorate in Biochemistry at the University of Birmingham.



Jim Philp | Policy Analyst, OECD

Session Chair, Strategic Debate, Plenary Session III

Jim Philp is a microbiologist who has worked as a policy analyst at the OECD since 2011, specialising in industrial biotechnology, synthetic biology and biomass sustainability. He spent some 16 years as an academic researching industrial and environmental biotechnologies. He worked for eight and a half years with Saudi Aramco in Saudi Arabia as an oil biotechnologist. He has authored over 300 articles. He was elected as a Fellow of the Royal Society of Chemistry in 2015, and a Fellow of the Institution of Chemical Engineers in 2016.



Dirk Pilat | Dep. Direct. OECD Directorate for Science, Technology & Innovation
Session Chair, Strategic Debate, Plenary Session IV

Dirk Pilat is currently the Deputy Director of the OECD Directorate for Science, Technology and Innovation. He manages the OECD's work on innovation, business and productivity dynamics, science and technology, digital economy, consumer policy as well as the statistical work associated with these areas. He began his career in 1994 with work in the OECD Economics Department on climate change, unemployment, and product market regulation. He joined the Directorate for Science, Technology and Industry in May 1997 and has worked primarily on how to strengthen the contribution of science and innovation to economic performance and social outcomes. He holds a PhD in Economics from the University of Groningen.

Plenary Speakers



Navi Radjou | Innovation Advisor, Silicon Valley

Keynote Speaker, Plenary Session III

Navi Radjou is an innovation and leadership thinker and advisor in Silicon Valley. A Fellow at Cambridge University's Judge Business School, he serves on the World Economic Forum's Global Future Council on Entrepreneurship and Innovation. Previously, he was a Vice President at Forrester Research in Boston and San Francisco. A TED Speaker, he won the 2013 Thinkers50 Innovation Award. He is co-author of *Jugaad Innovation* (2012), *From Smart To Wise* (2013), and *Frugal Innovation* (2015), published by The Economist. Born and raised in Pondicherry, India, he holds a French-American dual citizenship. He studied at Ecole Centrale Paris and Yale School of Management.



Frank Rijsberman | Director-General, Global Green Growth Institute

Keynote Speaker, Plenary Session IV

Frank Rijsberman leads the Global Green Growth Institute (GGGI) in supporting governments transition towards a model of economic growth that is environmentally sustainable and socially inclusive. He was appointed as the Director-General of the Institute, on October 1, 2016. Prior to joining GGGI, Frank was CEO of the Consultative Group for International Agricultural Research (CGIAR) Consortium in Montpellier, France. He was the first Director of Water, Sanitation, and Hygiene for the Bill and Melinda Gates Foundation in Seattle, USA, and also worked as Program Director at Google.org, the philanthropic arm of Google. He holds a PhD degree in water resources management and planning from Colorado State University (US).



Marcelo Sánchez Sorondo | Bishop & Chancellor, Pontifical Academy of Sciences

Panelist, Plenary Session VI

Marcelo Sánchez Sorondo is an Argentinean Bishop and the Chancellor of the Pontifical Academy of Sciences and the Pontifical Academy of Social Sciences, based at the Vatican. He has intimate knowledge of the Pontifical encyclical *Laudato Si*, which he presents worldwide and has held positions as Lecturer at the Lateran University Rome and as full Professor at the Libera Università Maria SS. Assunta. He received several honors for his work, including the Legion d'Honneur of France. In 2001, His Holiness John Paul II consecrated him titular Bishop of Vescovio.



John Schramski | Professor, University of Georgia

Keynote Speaker, Plenary Session II

John Schramski is a mechanical engineer and ecologist with 28 years' experience in industry and academia focusing on mechanical design and thermodynamic modeling. He currently leads UGA's Energy Systems Modeling and Engineering Laboratory where his research includes theoretical ecology, complex systems analysis, and the thermodynamics & energetics of the natural biosphere, civilization & industry. He completed his BSME at the University of Florida in 1989, his MSME at the University of Cincinnati in 1993 in conjunction with General Electric's Advanced Courses in Engineering, and his PhD in Ecology at the University of Georgia in 2006. He teaches undergraduate and graduate engineering thermodynamics and biosphere energetics.



Maria Helena Semedo | Deputy Director-General, UN FAO

Introductory Keynote, Plenary Session IV

Maria Helena Semedo is Deputy-Director General, Natural Resources of the FAO UN and has been working for it in various positions since 2003. In her present role she coordinates the work of the three departments Agriculture, Fisheries and Forestry and two natural resources divisions. Maria has held various ministry positions in her home country Cape Verde, including Minister for Fisheries, Agriculture and Rural Affairs, and Minister for Marine Affairs. Furthermore, she has served as Chairperson of the Ministerial Conference on Fisheries Cooperation among African States bordering the Atlantic Ocean.



Fan Shenggen | Director General, IFPRI

Keynote Speaker, Plenary Session IV

Fan Shenggen has been director general of the International Food Policy Research Institute (IFPRI) since 2009. He joined IFPRI in 1995 as a research fellow, conducting extensive research on pro-poor development strategies in Africa, Asia, and the Middle East. He is one of the Champions of Target 12.3 of the Sustainable Development Goals, dedicated to inspiring ambition, mobilizing action, and accelerating progress toward cutting global food loss and waste. He serves as a member of the Lead Group for the Scaling Up Nutrition (SUN) Movement appointed by UN Secretary General Ban Ki Moon. He serves as advisor to many national governments (including China and Vietnam) on agriculture, food security, and nutrition.



Jean-François Soussana | Vice-President International Affairs, INRA

Panelist, Strategic Debate, Plenary Session II

Jean-François Soussana is Vice-President for International Affairs at INRA. Previously, he was Scientific Director for Environment at INRA (2010-2017). Since 1998, he is a member of the Working Group II of IPCC and was the Lead Author for the 3rd, 4th, and 5th Assessment Reports and shared the Nobel Prize for Peace in 2007 with all IPCC authors. He co-chairs the Integrative Research Group of the Global Research Alliance on agricultural greenhouse gases (46 countries) and the Steering Council of AgMIP, an international modeling program on climate change impacts on agriculture. Jean-François obtained his PhD in plant physiology at USTL Montpellier in 1986 after an engineering degree in agronomy.



Klaus Töpfer | Former Executive Director of UNEP

Panelist, Strategic Debate, Plenary Session IV

Klaus Töpfer is the founding Director and former Executive Director of the Institute for Advanced Sustainability Studies (IASS) in Potsdam. Over the years, Mr. Töpfer has held several high-level positions in national and international environmental policy. He was Executive Director of the United Nations Environment Programme (UNEP) and the Under-Secretary-General of the United Nations. He was appointed German Minister for the Environment, Nature Conservation, and Nuclear Safety from 1987 to 1994 and subsequently the Minister for Regional Planning, Housing and Urban Development. Since 2007, Klaus Töpfer has also been Professor of Environment and Sustainable Development at Tongji University in Shanghai.



Thomas Videbæk | EVP & COO, Research, Innovation & Supply, Novozymes

Panelist, Strategic Debate, Plenary Session IV

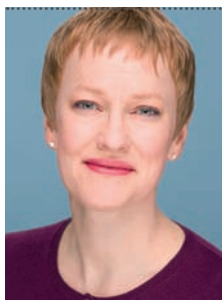
Thomas Videbæk is Executive Vice President & COO for Research, Innovation & Supply at Novozymes. Previously, he developed diverse key functions within the organization, spanning both the commercial and operational side of the business. Prior to joining Novozymes, Thomas worked for Novo Nordisk A/S, where he set strategies for the food and feed industries. Thomas holds a PhD and an MSc. in Chemical Engineering from the Technical University of Denmark (DTU), as well as a B.Com. in International Business from Copenhagen Business School. He currently serves as, member of the board of Evolva SA, and he is the Vice Chairman of the Board of Albumedix A/S.



Carl Wolf | Vice President Europe, LanzaTech

Panelist, Strategic Debate, Plenary V

Carl Wolf joined LanzaTech in 2011 and has worked in various roles within the company. Carl currently leads LanzaTech's Europe activities, including existing collaborations, new business development, and government relations. Prior to LanzaTech, Carl was a consultant at BCS, Incorporated, where he worked with environmental and energy sector clients, including the US Department of Energy's International and Biotechnologies Office's.



Alix Zwane | CEO, Global Innovation Fund

Panelist, Strategic Debate, Plenary Session III

Alix Zwane is a social entrepreneur and CEO of the Global Innovation Fund, a \$200m fund supporting entrepreneurs & scaling of evidence-based innovation in global development. She has previously served as Execut. Dir. at Evidence Action, a non-profit that leads the "Deworm the World" Initiative and develops business models for effective development programs. She was Senior Program Officer in the Global Development group at the Gates Foundation and a member of the inaugural team at google.org. Her stint in philanthropy was preceded by experience in management consulting & academia at UC Berkeley. Alix holds a PhD in Public Policy from Harvard Univ. and has published widely in environmental & development economics journals.



Workshop Co-Chairs

Global Bioeconomy Summit 2018
19–20 April 2018
Telekom Forum, Berlin

Workshop Co-Chairs



David Babson | Senior Advisor, Office of the Chief Scientist, U.S. Department of Agriculture

Bioeconomy of World Regions: Europe and North America

David Babson is the Senior Advisor for Renewable Energy, Natural Resources and the Environment in the Office of the Chief Scientist at the U.S. Department of Agriculture. David is on detail and is a Technology Manager in the U.S. Department of Energy's Bioenergy Technologies Office (BETO). Before BETO, he was a Senior Fuels Engineer at the Union of Concerned Scientists, and a AAAS Science and Technology Policy Fellow at the U.S. Environmental Protection Agency. David received a PhD in Chemical and Biochemical Engineering from Rutgers University and a BS in Chemical Engineering from the University of Massachusetts.



Harry Baumes | former Director of the Office of Energy Policy and New Uses (OEPNU), US Department of Agriculture

Industry: Bioeconomy Financing – Bringing Innovation to Market

He was appointed by the Chief Economist Director in December 2010. For the four years prior, he served as the Associate Director. Harry Baumes served a partial detail to the Department of Energy's Bioenergy Technologies Office serving as a Senior Executive Advisor to the director (August 2015–April 2016). In addition to administrative and management responsibilities, he focuses on renewable energy and bioeconomy policy and evaluation. Harry Baumes chairs the Bioeconomy Council Coordinating Committee at the USDA which coordinates renewable energy, heat and power, and biobased product-related activities among USDA agencies and performs duties as assigned.



Jan Börner | Professor, University Bonn

Bioeconomy of World Regions: Africa

Jan Börner is an agricultural and environmental economist with applied research experience in Latin America, Africa, and Europe. He is professor for economics of sustainable land use and Bioeconomy at the University of Bonn and Steering Committee member of the German United Nations Sustainable Development Solutions Network (G - SDSN). His current research agenda expands from environmental policy analysis towards the role of global trade and consumption patterns in affecting ecosystem services provision from ecologically sensitive landscapes.



Matthias Braun | Chairman, German Association of Biotechnology Industries

Industry: What works and why - successful implementations of industrial bioeconomy

Matthias Braun started his career after obtaining a PhD in Chemistry from the University of Mainz at Hoechst AG in 1992. He has held several positions in process development in Europe and USA and support functions before he was assigned as Head of the production Chemistry in Frankfurt. He is representing „Industrial Affairs Active Ingredients“ at the Board of Sanofi-Aventis Deutschland GmbH. In addition to that he has held the position of Vice President Continuous Improvement und Lean Management for Chemistry & Bio Chemistry. Most recently, he has taken over the coordination of an efficiency program for all industrial affairs in Frankfurt Germany.



Stefan Bringezu | Professor, University of Kassel

Session Chair Plenary Session I and VI

Stefan Bringezu is Professor for Sustainable Resource Management and director at the Center for Environmental Systems Research (CESR) at University of Kassel. There he heads the Sustainable Resource Futures (SURF) group. He is a member of the International Resource Panel. His main subject are the multi-scale analyses of the socio-industrial metabolism and related land use, the indicators of sustainability and the implementation of the SDGs, modelling the bioeconomy, assessing innovative technologies such as CCU, and life-cycle-based assessments of infrastructures.

Workshop Co-Chairs



Gerald Byrne | Professor of Mechanical Engineering, University College Dublin
Industry: The Great Convergence

Gerry is a Senior Advisor to the Fraunhofer-Gesellschaft (and Advisor to the President). 2017, he acted as Principal Investigator on a Fraunhofer project entitled "Biologicalisation in Manufacturing". He holds an honorary doctorate in recognition of his outstanding international contribution as an innovator in engineering. He was awarded the Gold Ring of the German Society of Engineering (VDI) in recognition of his insights into the fundamentals of material removal processes. He is also the recipient of the prestigious Taylor Research Medal of the Society of Manufacturing Engineers, USA in recognition of outstanding research contributions. 2017 he was awarded the Taler Medal for his outstanding international contribution to applied R&D and Innovation.



Steve Csonka | Executive Director CAAFI, USA

Industry: Bioenergy and biorefineries: innovations and futures

Steve Csonka is the Executive Director of the Commercial Aviation Alternative Fuels Initiative (CAAFI), an industry partnership fostering the development and commercialization of sustainable alternative jet fuels (SAJF). CAAFI engages in public-private-partnership activities designed to assist in bringing together the group of participants needed to build up an entirely new industrial sector. Steve is a commercial aviation professional with 32 years of experience. For the last decade, Steve has been a strong industry advocate who has worked in roles of developing pragmatic solutions to the challenges of aviation growth. This had led him to the accepting the current CAAFI role in 2012.



Ben Durham | Chief Director BioInnovation, Dep. Science & Technology, RSA
Policy: Transformative Science and Communication

Ben Durham is Chief Director: Bio-innovation at the National Department of Science and Technology in South Africa. His responsibilities includes the implementation of the South African Bio-economy Strategy, launched in January 2014, and he now is overseeing the implementation of the four themes of Agricultural, Health, Industry and Environment, and Indigenous Knowledge, together with system implementation. Ultimately, the purpose is to develop and improve the efficiencies of the National System of Innovation, ensuring socio-economic benefits to the broader society.



Achim Dobermann | Chief Director, Rothamsted Research, UK
Policy: Transformative Science and Communication

Achim Dobermann is the Director & Chief Executive of Rothamsted Research in the UK, where he provides leadership for a wide range of research programs that aim to develop solutions for the sustainable intensification of agricultural systems. He has over 30 years of research experience from all around the world. Before joining Rothamsted Research in 2014, he served as Deputy Director General at the International Rice Research Institute (IRRI). As a member of the Leadership Council of the Sustainable Development Solutions Network (SDSN), Achim contributes to implementing the new Sustainable Development Goals. He is an Editor of the international journal Global Food Security.



Rubén G. Echeverría | Director General, Intern. Center for Tropical Agriculture
Bioeconomy World Regions: Latin America and the Caribbean

Currently Director General of the International Center for Tropical Agriculture (CIAT-CGIAR). CIAT has a global research for development mandate related to sustainable food systems, including crop biodiversity and productivity, management of natural resources, climate change, ecosystem services and policy analysis. Rubén studied Agronomy at the University of Uruguay and Agriculture & Applied Economics at the University of Minnesota. He worked on agricultural research policy issues and capacity building in Asia, Africa, and Latin America, based at ISNAR (CGIAR) in The Hague. He worked for 15 years at the Inter-American Development Bank in Washington, and for five years as Executive Director of the Science Council of CGIAR in Rome.



Julius Ecuru | Head, BioInnovate Africa Programme

Bioeconomy World Regions: Africa

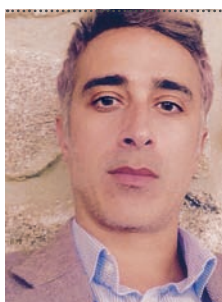
Julius Ecuru is an interdisciplinary scientist and researcher. He works on issues related to technological innovation and industrial competitiveness in Africa. His focus is on the theory and practice of sectoral and regional innovation systems, innovative clusters and innovation policies (especially in health, agriculture and environment) that foster sustainable development. Julius also contributes scholarly works in the chemical and bioengineering sciences, and supports the regulatory science and research ethics capacity development. His current research interests include interactive learning models, which make universities and related institutions more productive, and catalytic mechanisms for innovation, growth and social development.



Bjørn Tore Erdal | Senior Advisor, Nordic Council of Ministers

Policy: International Cooperation in Education and Training

Bjørn Tore Erdal is senior advisor at the Nordic Council of Ministers Secretariat (NCMS) in Copenhagen, Denmark. The Nordic Council of Ministers is the formal cooperation of the governments of Denmark, Finland, Iceland, Norway and Sweden as well as Åland, Faroe Islands and Greenland. Bjørn holds an M.A. in International Relations from the College of Europe in Bruges, Belgium. He has previously worked for the Norwegian Ministry for Trade, Industry and Fisheries. Before taking up his position at NCMS, he worked as a counsellor at the Norwegian Mission to the EU in Brussels, Belgium.



Ahmed Fahmi | Program Specialist, Natural Science Sector, UNESCO

Policy: International Cooperation in Education and Training

Ahmed Fahmi is the program specialist in the life and chemical sciences at UNESCO. Before joining UNESCO, he was a university lecturer in biochemistry at the University of London. He worked in South Asia and the Asia Pacific region on managing and coordinating the execution of the Basic Sciences, Engineering, and Science Policy program of UNESCO and was a visiting professor at the United Nations University in Tokyo. He is currently involved in the establishment of UNESCO centers of excellence and in establishing public private partnership in scientific research for Africa. He holds a PhD in biophysics from the University of Cambridge.



Fabio Fava | Professor, University Bologna

Bioeconomy World Regions: Africa

Fabio Fava is full professor of "Industrial & Environmental Biotechnology" at the University of Bologna (Italy) since 2005. He has more than 130 papers across peer-reviewed international journals in the fields of Industrial and Environmental Biotechnology. He is the Italian Representative in the OECD Working Party on "Biotechnology, Nanotechnology and Converging Technologies" and at the European Commission in various projects (e.g. Horizon2020 Programming Committee "Bioeconomy"). Finally, he is the scientific coordinator of the Italian Bioeconomy Strategy and of the International Exhibition on Green and Circular Economy ECOMONDO (Rimini, Italy).



Yoshiyuki Fujishima | Director Strategic Planning, Japan Bioindustry Assoc.

Industry: What works and why – successful implementations of industrial bioeconomy

Yoshiyuki Fujishima, PhD, is a Director in the Japan Bioindustry Association. His role includes policy proposals to Japanese government in biotechnology industrial promotion, and to participate in negotiations at the Convention on Biological Diversity meeting in the area of synthetic biology. He had worked for Ajinomoto Co. Inc., for over 20 years in the area of R&D, especially in amino acid physiology, functional food clinical development, food taste and texture improvement as well as managerial position in research labs for budget management and external research collaboration. His academic background includes polymeric material application for artificial organs in Japan, antibiotics biosynthesis, and structural analysis of proteins at University of Oxford, UK.

Workshop Co-Chairs



Josef Glössl | Professor, University of Natural Resources & Life Sciences Vienna
Policy: International Cooperation in Education and Training

Josef Glössl is professor of applied genetics at the University of Natural Resources and Life Sciences, Vienna (BOKU) and served as Vice Rector for Research and International Research Collaboration of BOKU 2010 - 2018. He is the Chair of the Bioeconomy Committee of ICA (Association for European Life Sciences Universities). 2000 - 2008 he was a member of the Board of the Austrian Science Fund (FWF). Since 2015, he is the Chair of the Assembly of Delegates of the FWF. He was a founding board member and President of the Austrian Association of Molecular Life Sciences and Biotechnology (ÖGMBT), where he is currently the Vice President.



Andy Haines | Professor, London School of Hygiene & Tropical Medicine
Innovation & Environment: Bioeconomy, Health and Climate Change

Andy Haines has been a Professor at the London School of Hygiene & Tropical Medicine since 2001 and was Dean for nearly ten years until October 2010. His research interests currently focus on linkages between health and natural systems and the health (co)benefits of 'low carbon' policies, including sustainable healthy cities and food systems. He has been a member of the UN Intergovernmental Panel on Climate Change (2nd, 3rd and 5th assessment reports) and the WHO Advisory Committee on Health Research. He is currently member of the Sustainable Development Solutions Network Leadership Council, the Scientific Advisory Panel of the UNEP-hosted Climate and Clean Air Coalition & the Rockefeller Council on the Economics of Planetary Health.



Maritta Koch-Weser | Founder and President, Earth3000

Innovation & Environment: Biodiversity for a sustainable and thriving Bioeconomy

Maritta Koch-Weser has a distinguished career spanning four decades in international development, as anthropologist, environmentalist, and social entrepreneur with field experience in Latin America, South & East Asia, and in parts of Sub-Saharan Africa, the Middle East, and Eastern Europe. Maritta worked as social scientist and in managerial positions at the World Bank and subsequently as Director General of IUCN - The World Conservation Union. She is Founder and President of Earth3000, a non-profit organization supporting strategic innovations in governance for environment and development. She leads a program on contemporary Amazonia in Brazil, and is a member of Supervisory and Advisory Boards of several international NGOs.



Waldemar Kütt | Head of Unit Bioeconomy Strategy, DG RTI, EU Commission
Bioeconomy World Regions: Europe and North America

Waldemar Kütt is the Head of the Unit "Bioeconomy Strategy" in the Bioeconomy Directorate of DG Research and Innovation in the European Commission, which coordinates bioeconomy research programs and policy strategy. From 2012-2014 he was Head of Unit of "Bio-based Products and Processing" in the same directorate. From May 2008 to November 2014 he held various positions as senior expert, Deputy and Head of Cabinet in the Cabinet of Research Commissioners Potočník and Geoghegan-Quinn. His main responsibilities included the €80 billion new Framework Programme for Research and Innovation, Horizon 2020. He holds a PhD in physics from the Technical University Aachen, Germany.



Jos Lelieveld | Director, Max Planck Institute for Chemistry
Innovation & Environment: Bioeconomy, Health and Climate Change

Jos Lelieveld received a PhD from the University of Utrecht (1990). He was at Stockholm University (1991), the University of California, San Diego (1992), and became professor on air quality at Wageningen University in 1993, and on atmospheric physics at Utrecht University in 1995. Since 2000 he is the director at the Max Planck Institute for Chemistry in Mainz. He is also professor at the University of Mainz and the Cyprus Institute. He is a member of the German National Academy of Sciences Leopoldina, of international societies, and received many distinctions. His research addresses atmospheric chemistry, air quality, and climate.



Pedro Machado | Coordinator, Embrapa, Labex Europe

Policy: International Cooperation in Education and Training

Pedro Luiz Oliveira de Almeida Machado is the Coordinator of the Embrapa Labex Europe Program based in Montpellier, France. The Labex Program is present in the US, Europe and Asia and aims at an optimised scientific partnership for knowledge sharing and research network built-up. Holding a PhD in Soil Science, combined with many years of experience in the Brazilian low-carbon agriculture, Pedro Machado now fits into vacant spaces between research, extension and policy. He has a lot of experience in carbon dynamics in terrestrial ecosystems, conservation agriculture, precision farming, nutrient cycling, and agricultural greenhouse gas emissions. Recent work has included sustainable metrics, energy balance, and carbon footprint.



Anne-Hélène Mathey | Acting Director, Economic Analysis Division, Canadian Forest Service, Natural Resources Canada

Industry: Bioeconomy Financing – Bringing Innovation to Market

Anne-Hélène Mathey is the Acting Director of the Economic Analysis Division of the Canadian Forest Service of Natural Resources Canada. She currently leads a team of economists, engineers & policy analysts who conduct economic, techno-economic and policy analysis (from fibre to market) with the goal to establish a solid foundation for Canadian forest sector policy decisions, including bioenergy and biorefining pathways. Anne-Hélène has a Masters in forest science and a PhD in management and planning and started her career at the University of British Columbia working on the design of decision support systems for the forest sector.



Alejandro Mentaberry | Executive Coordinator, Ministry of Science, Technology and Productive Innovation, Argentina

Innovation & Environment: Blue Growth: Seizing new Opportunities for a Sustainable Future

Alejandro Mentaberry holds a PhD in Chemical Sciences and a B.A. in Biochemistry from the National University of Buenos Aires. His current positions are Executive Coordinator of Sciences and Technology at MINCyT and Principal Researcher, National Council for Scientific and Technical Research. He furthermore is consulting Professor at the National University of Buenos Aires. His scientific expertise covers molecular biology, biotechnology, and plant virology.



Adrián Rodríguez | Chief Agricultural Development Unit, UN Economic Commission for Latin America and the Caribbean

Bioeconomy World Regions: Latin America and the Caribbean

Chief of the Agricultural Development Unit of the UN Commission for Latin America and the Caribbean (UN-ECLAC), one of the five regional commissions of the UN, Headquartered in Santiago, Chile. Adrián studied Economics (Lic.) at the University of Costa Rica and Agricultural Economics & Environmental Economics (MSc, PhD) at the Pennsylvania State University. He has served as Rural Development Specialist at the InterAmerican Institute for Cooperation in Agriculture (IICA), Senior Advisor to the Costa Rican Minister of National Planning, Professor in the School of Economics, University of Costa Rica, and as a consultant in several Latin American countries.



Ulrich Schurr | Director Bioeconomy Science Center, Forschungszentrum Jülich

Industry: Bioenergy and biorefineries: innovations and futures

Ulrich Schurr was the founding director of the Institute of Plant Sciences at Forschungszentrum Jülich (Germany). He held numerous positions in national and international science institutions and coordinated major scientific programs, e.g. the European Technology Platform Plants for the Future, the Helmholtz Program Key Technologies for the Bioeconomy. He is the coordinator of the Bioeconomy Science Centre (BioSC) – an institution focussing on integrated bioeconomy solutions based on research in sustainable plant production and resource stewardship, microbial and molecular transformation, and economy & social implications. He coordinates national and international programs in plant phenotyping and integrated bioeconomy.



Morakot Tanticharoen | Senior Advisor to the President, National Science and Technology Development Agency, Thailand

Bioeconomy World Regions: Asia

Morakot Tanticharoen completed her post-graduate at the University of Rhode Island, USA. She served as Dean of the School of Bioresources & Technology, as well as the School of Energy & Materials at KMUTT. She has been an active member and working on the executive of several societies and organizations, as well as serving on the editorial board of a number of international journals. Morakot was BIOTEC Director 2000-2008 and served as Chairman of the ASEAN Sub-Committee on Biotechnology (SCB), 2005-2008. She is now senior advisor to the NSTDA President, KMUTT President and Prof. Emeritus at the School of Bioresources & Technology.

Workshop Co-Chairs



Eduardo Trigo | Advisor to Ministry of Agroindustry Argentina

Bioeconomy World Regions: Latin America and the Caribbean

Eduardo Trigo is currently the Director of Grupo CEO and is Scientific Advisor for International Relations at the Ministry of Science, Technology and Innovation of Argentina, and as such he represents his country in the biotechnology platform of the MERCOSUR countries, BioTecSur. In the past he has served as Director of Science and Technology at the Inter-American Institute for Cooperation on Agriculture, IICA, and as Director of Research at the International Service for National Agricultural Research, ISNAR. He was also active as consultant in the area of science and technology policy, with emphasis in biotechnology applications to the agricultural and food sector.



Masahiro Uemura | Director, Ministry of Economy, Trade and Industry, Japan

Bioeconomy World Regions: Asia

Masahiro Uemura is currently in charge of promotion of bio-industry as Director for the Bio-industry Division, Ministry of Economy, Trade and Industry (METI), Japan. He began his career with the Government of Japan in 1993 and has over 20 years of policy making experience in various fields such as energy, service industry, environment and recycling, lifestyle industry, small and medium enterprise policy, cybersecurity policy, and IT industry.



Erika Van Neste | Deputy Director of Bioeconomy Policy, Government of Canada

Bioeconomy World Regions: Europe and North America

Erika is the Deputy Director of Bioeconomy Policy at the Canadian federal Department responsible for Agriculture and Agri-Food (Agriculture and Agri-Food Canada, or AAFC). She manages a diverse team who work on all aspects of policy related to the Canadian agricultural bioeconomy, with an emphasis on industrial applications of agricultural production in the areas of biofuels, bioenergy, biomaterials and biochemicals. Her career in the Canadian public service has included various roles in the Agriculture and Environment portfolios, working on issues related to emerging technologies and biotechnologies in agriculture, as well as species at risk conservation. She holds a Bachelor of Science degree in Biopharmaceutical Sciences (Genomics) from the University of Ottawa.



Johannes Vogel | Vice Chairman, German Bioeconomy Council

Innovation & Environment: Biodiversity for a sustainable and thriving Bioeconomy

Johannes Vogel is General Director of the Museum of Natural History in Berlin and professor of Biodiversity and Public Science at the Humboldt Universität, Berlin. Johannes received a PhD from the Department of Genetics, University of Cambridge and the Department of Botany, Natural History Museum, London, where he went on to become Keeper of Botany. His research has focused on evolutionary biology and citizen science and his interests include developing dynamic, adaptive, entrepreneurial scientific organizations, and creating and sustaining robust knowledge communities and public engagement with science. Johannes has been vice chairman of the German Bioeconomy Council since 2012.



Rafi Wertheim | Professor, IWU Fraunhofer, Germany

Industry: The Great Convergence

Rafi Wertheim has been professor for mechanical engineering at the IWU Fraunhofer in Chemnitz since 2009 and served as head of the Machining Technology Department. Since 2015, he is Fraunhofer Senior Advisor in Israel. From 2014, teaching Mechanical Engineering at Braude College, Karmiel, Israel, ISCAR Manager of engineering from 1975 to 2003, including production, legal proprietary, international instruction and R&D. Active in CIRP, the international Academy for Production Engineering, and served as the President in 2001- 2002. Mayor of the town Qiryat Bialik in Israel from 2003 to 2008. Received his Dr.-Ing. Production Engineering from the RWTH Aachen (1975), B.Sc. and M.Sc. in Mechanical Engineering from the Technion, Israel.





Workshops

Global Bioeconomy Summit 2018
19–20 April 2018
Telekom Forum, Berlin

Bioeconomy of World Regions

Africa

Co-Chairs: **Jan Börner, Julius Ecuru, Fabio Fava**

Rapporteur: **Nicholas Ozor**

19. April 2018 | 11:35 – 13:35 | Bratislava



This interactive workshop on African bioeconomies creates a platform to discuss strategies for bioeconomy development in Africa and surrounding countries and related opportunities for international cooperation. Guiding questions include: What are regional perspectives on bioeconomy challenges? What are entry points for intensifying cooperation between European and African bioeconomy regions? More broadly, we also aim to discuss strategies towards integrating African bioeconomy regions into a globally sustainable bioeconomy and related needs for safeguards across relevant SDG dimensions.

Key topics:

- African concepts of bioeconomy, national and macro-regional strategies, and SDGs
- Opportunities and challenges for bioeconomic transformation in Africa
- Integration of African bioeconomies in the global context and implications for achieving the SDGs

Agenda:

-
- 11:35 – 11:50**
- Introduction by Co-Chairs**
-
- 11:50 – 12:35**
- Speed talks**, on the key topics
Angelo Riccaboni, Jan Janosch Förster, Diuto Esiobu, Kassahun Tesfaye, Peggy Oti Boateng
Moderator: Paul Mungeyi
-
- 12:35 – 13:05**
- Group discussions**, round table format: three groups, one per topic, covering a set of guiding questions. Moderators of group discussion: Philippe Mengal, Ivar Virgin, Holger Hoff
-
- 13:05 – 13:35**
- Back reporting**, Short presentations of discussion results by the three group moderators (or elected representative)
-

Industry

What works and why – Successful Implementations of Industrial Bioeconomy

Co-Chairs: **Matthias Braun, Yoshiyuki Fujishima** Rapporteur: **Ricardo Gent**

19. April 2018 | 11:35 – 13:35 | Lounge



The bioeconomy is of strategic importance to the chemical, pharmaceutical and biotechnology industry – within a sustainable growth strategy. However, an existing economy cannot be simply changed overnight into a bio-based economy. The workshop aims at highlighting examples of successful realizations of bio-based manufacturing that may serve as models for different industry sectors and encourage shift from fossil based to bio-based manufacturing. Three main questions will be addressed by the speakers: What worked and why did it work? What obstacles needed to be overcome? Which framework conditions have to be in place to encourage bio-based manufacturing? The speakers come from a broad range of different industry sectors, representing the chemical, pharmaceutical and plastics industry, including an expert for early-phase R&D cooperation and financing. The subsequent panel and plenary discussion will provide the opportunity to discuss the insights provided by the speakers in greater depth.

Key topics:

- Successful realization
- Bio-based manufacturing
- Potential models for industry sectors
- Obstacles, shift from fossil to bio-based

Agenda:

.....
11:35 – 11:45

Introduction by the Co-Chairs
.....

11:45 – 13:00

Presentations – 15 min each

Chemical Industry (Bioplastic)

Pharmaceutical Industry

Chemical Industry (Biobased Chemicals)

Biotech Industry

Chemical Industry (Degradable Plastic)
.....

13:00 – 13:30

Panel & plenary discussion, guided by moderator
.....

13:30 – 13:35

Closing remarks by the Co-Chairs
.....

Policy

Measuring and Monitoring the Bioeconomy

Co-Chairs: **Stefan Bringezu, Pedro Machado**

Rapporteur: **Olivier Dubois**

19. April 2018 | 11:35 – 13:35 | Budapest



The GBS 2015 highlighted that for the bioeconomy to be transformative it must contribute to at least eight of the 17 UN SDGs, particularly those related to food security and nutrition, health and well-being, as well as clean water and sanitation. Policy makers need to know what is essential to bioeconomy's growth in technological, organizational and social aspects without causing harm to ecosystem services. Monitoring and assessment at the regional, national, and international level are the foci of this workshop. Performance of the bioeconomy needs to be measured across scales, and be assessed in terms of social, environmental, and economic impacts. The production side needs to be considered as well as the consumption side, including international trade flows.

Key topics:

- › Best practise examples to measure and monitor the impact of bioeconomy on society, environment, and economy, nationally, regionally and internationally; concepts and tools to improve measurement and monitoring in the context of the SDGs
- › Critical measures of assessing good governance
- › Contributions of science and research to enhance international cooperation and deliver key performance indicators

Agenda:

| | |
|---------------|---|
| 11:35 – 11:40 | Introduction by Co-Chairs |
| 11:40 – 12:10 | Impulse Statements, three statements related to the key topics. Andrea Camia, Stefan Bringezu, Danielle Torres. |
| 12:10 – 12:15 | Co-Chairs, explanation of the rules and last changes of places |
| 12:15 – 12:45 | Round tables, discussions and brainstorming (for each key topic, about 3 x 3 tables, à six persons) Table hosts and rapporteurs: Manuel Lainez, Christian Lutz, Martin Banse, Uwe Fritsche, Philip Strothmann, Liesbeth de Schutter, Francis Johnson, Hannes Böttcher, Ulrich Schurr, Falk Schmidt, Seung Jun Yoo, Susanne Wagner, Rüdiger Schaldach, Victor Manyong |
| 12:45 – 13:15 | Back reporting, Reports from the tables |
| 13:15 – 13:35 | Final discussion |

Innovation & Environment

Biodiversity for a sustainable and thriving Bioeconomy

Co-Chairs: **Maritta Koch-Weser, Johannes Vogel** Rapporteur: **Johannes Vogel**

19. April 2018 | 11:35 – 13:35 | Prague



This workshop will discuss opportunities and approaches to build a more vibrant bioeconomy which is 1) delivering the necessary systemic change towards a sustainable global economy and 2) designed to protect nature. We want to discuss which opportunities and challenges are ahead to realise this, which framework conditions must exist, and which approaches and solutions are feasible. Many stakeholders need to work together to achieve progress. Biodiversity science, development, training, policy, and finance communities must align approaches to accelerate change over the coming years.

Key topics:

- Academic perspective: How to create biodiversity knowledge that makes a tangible contribution for nature protection?
- Studies & Demonstration programs in applied community level research
- Governance – Key ingredients of a more enabling framework
- Sustainability definitions & monitoring – the Achilles Heel of Bioeconomy?
- Biotoools – how can biodiversity help for technology development?

Agenda:

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- 11:35 – 11:45**
- Introduction by the Co-Chairs,
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- 11:45 – 12:10**
- Impulse presentations**, Harnessing biodiversity knowledge as an open global resource, Thomas v. Rintelen; Making Research Matter for Nature Protection, Ismael Nobre
.....
- 12:10 – 12:30**
- Small Panel**, Shamsun Khan, Volker Sieber, Maria Beatriz Martins-Costa
.....
- 12:30 – 12:40**
- Impulse**, Bioeconomy at Community-Level: Farm models, infrastructure, finance & market access, regulatory environment, Maritta Koch-Weser
.....
- 12:40 – 13:10**
- Round tables**, one key question per table.
Discussion leaders: Olman Madrigal, Harald Schneider, Volker Sieber
.....
- 13:10 – 13:35**
- Back reporting and wrap-up by Co-Chairs**
.....

Bioeconomy of World Regions

Europe and North America

Co-Chairs: **David Babson, Waldemar Kütt, Erika Van Neste**

Rapporteur: **Waldemar Kütt**

19. April 2018 | 16:45 – 18:45 | Warsaw



The aim is to provide an overview of the different approaches and priorities for the development of the Bioeconomy and give an update on the most recent developments on national and regional strategies. The workshop will highlight also the specific challenges for the development of the Bioeconomy in the US, Canada and Europe. The discussion will focus also on the need and opportunities for collaboration and it will present new instruments for international cooperation such as the recently launched International Bioeconomy Forum co-chaired by the Canada and the European Commission.

Key topics:

- › Comparison of different National and Regional Bioeconomy Strategies and presentation of recent developments. Needs and opportunities for international collaboration. Tools for international cooperation.

Expected outcome:

- › Show how different countries need different bioeconomy strategies to meet their respective socio-economic requirements and to tackle specific challenges. Identify the benefits of international cooperation and inform on practical opportunities for cooperation.

Agenda:

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16:45 – 16:55

Introduction by the Co-Chairs
.....

16:55 – 17:10

Impulse, Updating the European Bioeconomy Strategy: Highlighting unmet potential of the bioeconomy to achieve SDGs, W. Kütt
.....

17:10 – 17:20

How to implement a National Bioeconomy Strategy: the new French Action Plan
.....

17:20 – 17:30

Impulse, Fostering the bioeconomy in new regions: the BioEast initiative, B. Kovacs
.....

17:30 – 17:45

Impulse, US Bioeconomy strategies, D. Babson
.....

17:45 – 18:05

Impulse, Bioeconomy strategies in Canada & the International Bioeconomy Forum, E. Van Neste
.....

18:05 – 18:45

Question time & Panel discussion, co-chairs, additional experts & the public, based on two questions that will be presented during the workshop
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Industry

Bioeconomy Financing – Bringing Innovation to Market

Co-Chairs: **Harry Baumes, Anne-Hélène Mathey** Rapporteur: **Chanchoura Schmoll**

19. April 2018 | 16:45 – 18:45 | Lounge



The bioeconomy presents a tremendous opportunity to mitigate the impacts of climate change and transition to low carbon economy, while promoting economic growth, prosperity and societal well-being. Despite the benefits, the bioeconomy is in the early stages of development with emerging supply chains with varying degrees of complexity. Governments around the world are still developing policies to support the bioeconomy and assessing what their role is in helping companies overcome the “valley of death”. A lack of financing for bioeconomy projects and technical hurdles to commercialization and scaling up have been identified as barriers to the deployment and commercialization of bioeconomy technologies and supply chains.

Key topics and objectives:

- › Highlight the opportunities & challenges in moving companies from S&T to commercialization
- › Explore cooperative versus competitive incentive structures for innovation
- › Identify alternative approaches to derisking steps along the supply chain
- › Share success stories and identify their key success factors
- › Share lessons learned and best practices for deploying and commercializing new technologies in the bioeconomy

Agenda:

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16:45 – 16:50

Opening remarks

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16:50 – 17:30

Finance experts, presentations of experts from private financing, government programs and public/private research partnerships; among others: Jean-François Levasseur, Kimberly Samaha, Philippe Mengal

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17:30 – 17:50

Round tables, “what are the most important enabling factors for deployment”

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17:50 – 18:05

Back reporting, summary of table discussions

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18:05 – 18:25

Company presentations, presenting success and what helped them. Sébastien Corbeil (Celluforce) and Martin Langer (BRAIN AG).

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18:25 – 18:40

Round tables, another round of discussion

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18:40 – 18:45

Closing remarks

.....

Industry

Bioenergy and Biorefineries: Innovations and Futures

Co-Chairs: **Steve Csonka, Ulrich Schurr**

Rapporteur: **Andreas Jupke**

19. April 2018 | 16:45 – 18:45 | Bratislava



Biorefineries are promising sustainable and efficient conversion of biomass to products. These high hopes need to be developed by optimizing and integrating feedstock provision, conversion technology, product portfolio as well as sustainability, competitiveness and market perspective. Feedstock options range from lignocellulosic biomass and algae or biomass waste streams. The aim of the Workshop is NOT to provide a concise overview on the many technological options, but to kickoff intensive interactions between key stakeholders from research, industry, investors and regulators to identify opportunities and current limitations as well as ways forward to realize biorefinery capacities globally at industrial-scale.

Key topics and expected outcome

- › Key challenges and opportunities in feedstocks and processing technologies for integrated biorefinery concepts
- › Mapping of opportunities and challenges for feedstock, processing, sustainability and market
- › Exchange on lessons learnt regarding technological routes, incentive schemes for renewable resources and biorefineries focussing on sustainable aviation fuel market & platform chemicals
- › Suggestions, how to overcome these obstacles en-route to commercialization at industrial scale

Agenda:

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16:45 – 16:50

Introduction by the Co-Chairs Welcome and Introduction into workshop concept and aims
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16:50 – 17:35

Impulse presentations,

Feedstock – options and challenges, 3 x 6 min;
Processing – options and challenges, 3 x 6 min;
Sustainability and integration – options and challenges, 1 x 6 min;
Markets – options and challenges, 1 x 6 min
.....

17:35 – 18:15

Round tables, Modified world café format

Concept: Up to 10 groups with 4–7 participants each; the same set of questions will be discussed in parallel in 2 or 3 groups, meaning that about 3 to 5 different sets of clearly defined questions can be discussed; Moderators and Rapporteurs from aireg and BioSC
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18:15 – 18:35

Back reporting, Presentation, reflection and integration of the results by table moderators
.....

18:35 – 18:45

Wrap-up, Siegfried Knecht and Andreas Jupke
.....

Policy

Transformative Science and Communication

Co-Chairs: **Achim Dobermann, Ben Durham**

Rapporteur: **Susan Watts**

19. April 2018 | 16:45– 18:45 | Budapest



Gene editing, synthetic biology and other advances in biosciences will drive a new paradigm of engineering organisms in a predictive and multi-parallel manner. Such advances have the potential to transform agriculture, nutrition, industry and society. Yet, they need to be balanced against social license, consumer acceptance and ethical issues. Further, corporate ownership of IP and proprietary know-how, together with global resource and skill inequalities across, may be barriers to market entry and research. Current regulatory approaches may hinder the development of useful new products. Workshop participants will discuss possible approaches to be taken, to ensure maximal societal benefit alongside consumer and public confidence and trust.

Key questions:

- Genome editing revolution in plants: what is the status, what are the prospects, what role could such technologies play in different regions?
- Which innovative biobased products are most likely to emerge from crop genetic engineering and may become successfully commercialized, and why? Are regional differences likely?
- What are critical social barriers to progress and how can these be overcome? How can evidence better inform and guide regulation, and lead to public involvement and confidence?

- Can we envision a new model for translation of publicly-funded research into products and interventions that will be both useful to society and at least benign for the environment across the globe? How may these innovations help to meet the SDGs?

Agenda:

Each key question will be introduced by an impulse talk, followed by discussions using a world café style, with participants moving among groups.

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16:45 – 16:55

Introduction by the Co-Chairs

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16:55 – 17:20

Question 1, Impulse: Bekir Ülker

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17:20 – 17:45

Question 2, Impulse: Johnathan Napier

.....
17:45 – 18:10

Question 3, Impulse: Hennie Groenewald

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18:10 – 18:35

Question 4, Impulse: Julian Kinderlerer

.....
18:35 – 18:45

Wrap up and closing
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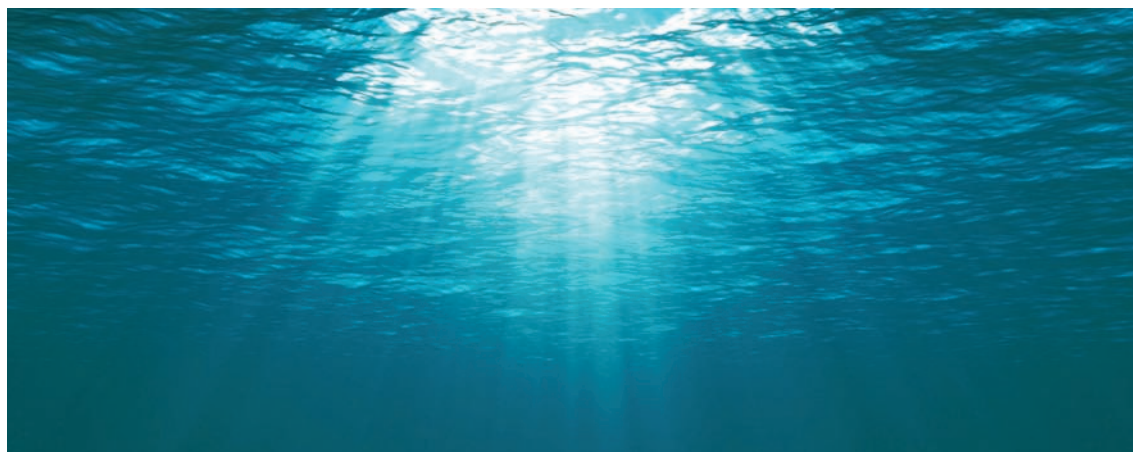
Innovation & Environment

Blue Growth: Seizing new Opportunities for a Sustainable Future

Co-Chairs: **Bjørn Tore Erdal, Alejandro Mentaberry**

Rapporteur: **Alit Fasce Pollicelli**

19. April 2018 | 16:45 – 18:45 | Prague



Marine biological resources represent a huge economic asset that, with the exception of commercial fisheries, remains largely unexplored. On the other hand, human activities and global climate change increasingly impact and threaten many marine ecosystems and species, and constitute a serious threat to the survival of many biological species. Two possible alternatives to mitigate the effect of the extensive fisheries are the development of the aquaculture as well as the economic valorization of the genetic marine resources.

The workshop, structured in two main sessions (“Marine Aquaculture” and “Disruptive trends in the blue bioeconomy: marine biotechnology”) will feature the present status on sustainable blue bioeconomy emphasizing scientific and technological achievements and socio-economic issues involving international cooperation.

Key topics and objectives:

- Opportunities and challenges in Blue Growth
- Encouraging international discussion on sustainability criteria regarding management of marine resources
- Promoting economic association around economic niches of added value

Agenda:

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16:45 – 16:50

Introduction by the Co-Chairs, Presentation of the objectives and rapporteurs
.....

16:50 – 17:35

Presentations and Q&A on Marine Aquaculture, three presentations

Coordinator: Valentin Eckart
Technology & nutrition, Margareth Overland;
State-of-the-Art mussel’s cultivation, Angela Schultz-Zehden; Multitrophic farms, Thierry Chopin. Aquaculture, Alit Fasce
.....

17:35 – 18:20

Presentations and Q&A on Disruptive trends in the blue bioeconomy

Coordinator: Guy Viel
Marine Biotechnology, Salvatore Mazola;
Algae for food, feed and fuel. Olavur Gregersen
.....

18:20 – 18:45

Closing remarks, Coordinators of each thematic session will sum up the main issues discussed; Co-Chairs will close up the meeting.
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Bioeconomy World Regions

Asia

Co-Chairs: **Morakot Tanticharoen, Masahiro Uemura**

Rapporteur: **Surachai Sathitkunararat**

20. April 2018 | 11:00 – 13:00 | Warsaw



The GBS 2015 identified international cooperation in research, development and innovation as essential to advancing the bio-based technologies that underpin a sustainable bioeconomy. This workshop will discuss strategies for bioeconomy development in Thailand, Malaysia, China, Japan, Iran, and Australia and will highlight opportunities for collaboration in bioeconomy development among these Asian countries, as well as proposing strategies for integration into the global bioeconomy. Each speaker will be asked to present an overview of bioeconomy development strategies in their respective countries. They will address opportunities, including the economic potential to address the SDGs, but also identifying the challenges (science policy, resource competition, jobs, potential winners and losers).

Key questions:

- › What are the opportunities for collaboration within Asia, including private sector innovation?
- › What is the potential that arises from the development of synergies between life sciences and digitization?
- › How to integrate these Asian bioeconomies into global value chains, and support cooperation with other world regions in the bioeconomy?

Agenda:

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| 11:00 – 11:10 |
| Introduction by the Co-Chairs |
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| 11:10 – 12:10 |
| Country Overviews |
| Thailand, Morakot Tanticharoen |
| Malaysia, Zurina Che Dir |
| China, Yin Li |
| Japan, Akihiko Kosugi |
| Iran, Omid Tavakoli |
| Australia, H.E. Cameron Dick |
| |
| 12:10 – 12:45 |
| Discussions |
| |
| 12:45 – 13:00 |
| Conclusions |
| |

Bioeconomy World Regions

Latin America and the Caribbean

Co-Chairs: **Rubén Echeverría, Adrián Rodríguez, Eduardo Trigo**

Rapporteur: **Guy Henry**

20. April 2018 | 11:00 – 13:00 | Bratislava



In Latin America and the Caribbean (LAC) interest for the bioeconomy has increased significantly. Especially as an alternative for economic growth with decoupling of GHG emissions, which can contribute to advance Agenda 2030. Argentina is at the forefront and the Province of Buenos Aires has already approved a Bioeconomy Strategy. Colombia is in the process of developing a bioeconomy strategy, within the context of the Peace process, and Ecuador and Costa Rica have recently started processes in the same direction. And others are expected to follow. The LAC workshop is part of an ongoing-process to raise awareness and strengthen capacities for the development of the bioeconomy in countries of the region. The workshop will provide a set of recommendations for national governments, regional LAC and international organizations to focus their national policies and technical, scientific and financial bioeconomy related cooperation activities.

Key topics:

- Policy and regulations
- Research & development and innovation
- Valorization of biological resources, market development and the role of the private sector
- Intra and inter-regional collaboration towards building sustainable and inclusive bioeconomies.

Agenda:

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11:00 – 11:20

Introduction by the Co-Chairs, including a summary of the Regional Seminar LAC Bioeconomy 2018

.....

11:20 – 11:30

Presentation of Panelists,

H.E. Tarsicio Granizo Tamayo, Andres Murchison, Silvia Liliana Calderón Díaz, Alejandro Mentaberry, María Eugenia Silva Carrozzone, Bruno Cesar Prodoscimi Nunes, Antonio Oliveira, Olman Quirós, Gabriela Couto, Ingo Plöger, Luis Fernando Ceribelli Madi

.....

11:30 – 12:30

Short views and interaction among the panelists, on issues addressed in the background document; Panel discussion

.....

12:30 – 12:50

Feedback from the audience

.....

12:50 – 13:00

Closure and next steps

.....

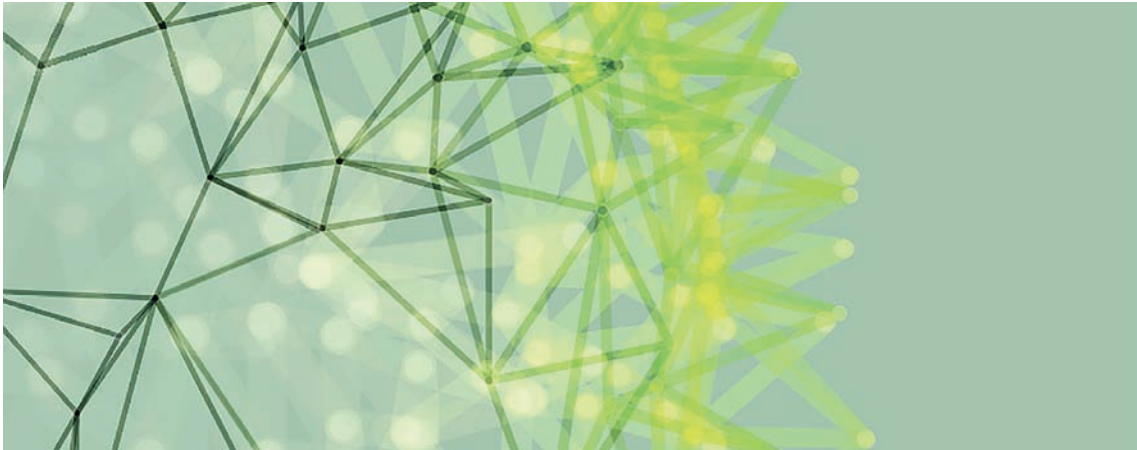
Industry

The Great Convergence: Digitalization, Biologicalization and the Future of Manufacturing

Co-Chairs: **Gerry Byrne, Rafi Wertheim**

Rapporteur: **Markus Wolperdinger**

20. April 2018 | 11:00 – 13:00 | Lounge



Bio-intelligent value adding bears potential for disruptive innovations in manufacturing. As a possible combination of the digital and biological transformation it may severely change the design and handling of production processes and its products. Within this workshop we present the latest findings of two recent studies: (1) a major Fraunhofer analysis on possible scenarios, fields of action, potentials, and demand of a biological transformation of the manufacturing industry through an interactive sounding board approach. Plus (2) a groundbreaking review from the International Academy for Production Engineering (College International pour la Recherche en Production, CIRP) introducing the principle of biological transformation in engineering. The concept and its potential will be commented and challenged by senior experts from the biotech industry. Expected outcome is the validation of its potential and a global perspective of bio-intelligent value adding in the manufacturing sector.

Key topics:

- › Converging technologies
- › Bio-intelligent manufacturing
- › Value adding systems
- › Sustainability
- › Paradigm shift

Agenda:

-
- 11:00 – 11:10**
- Introduction by the Co-Chairs
-
- 11:10 – 11:20**
- Presentation, Gerry Byrne
-
- 11:20 – 11:30**
- Presentation, Martin Wolperdinger
-
- 11:30 – 11:40**
- Impulse, Thomas Videbæk
-
- 11:40 – 11:50**
- Impulse, Conrad von Kameke
-
- 11:50 – 12:50**
- Group discussions
-
- 12:50 – 13:00**
- Back reporting and wrap-up
-

Policy

International Cooperation in Education and Training for the Bioeconomy

Co-Chairs: **Ahmed Fahmi, Josef Glössl**

Rapporteur: **Ulrich Schurr**

20. April 2018 | 11:00 – 13:00 | Budapest



Research, innovation and education at all levels form an indispensable basis for the development of sustainable bioeconomy concepts (GBS 2015). There will be no “one-size-fits-all concept” of the bioeconomy. For a specification of the different job profiles of the bioeconomy human resource base the diversity of circumstances in different regions of developing, emerging and developed economies have to be considered. Educational curricula have to meet the demands of employers in the various bioeconomy sectors. This requires an interdisciplinary approach that emphasizes systems thinking, strategic planning, economic performance, and evaluating environmental, ethical and social issues. An aim of the Workshop is to provide a basis for the development and implementation of a “European/International Bioeconomy Education Platform”, representing stakeholders from academia, industry, society and public administration (Lodz Declaration on a European Bioeconomy Education Platform, 2017).

Key topics:

- Demands for knowledge, skills and competences for the bioeconomy
- The need for innovation in the current concepts of bioeconomy education
- The need to increase and/or strengthen the cooperation between educational institutions

Agenda:

.....
11:00 – 11:10

Introduction by the Co-Chairs, Workshop concept and aims
.....

11:10 – 11:50

Input by representatives of different sectors

Universities, Europe and Global:

Barbara Hinterstoisser, Chadamas Thuvasethakul

Industry, Europe and Global:

Philippe Mengal, Karl-Heinz Maurer

Policy and Governance, Europe and Global:

Andrzej Siemaszko, Peter Wells
.....

11:50 – 12:30

Round tables, modified World Café format
.....

12:30 – 12:55

Back reporting, presentation, reflection and integration of the results by Moderators and Rapporteurs of the Working Groups and the main Rapporteur
.....

12:55 – 13:00

Next steps and closing
.....

Innovation & Environment

Bioeconomy, Health, and Climate Change

Co-Chairs: **Andrew Haines, Jos Lelieveld**

Rapporteur: **Jos Lelieveld**

20. April 2018 | 11:00 – 13:00 | Prague



The workshop will address new research on the health co-benefits of greenhouse gas emission mitigation technologies and policies particularly due to reduced air pollution. Public health has become a key driver for climate and environment policy as evidenced for example by its increasing profile at the UNFCCC COPs. Up to now, the bioeconomy policy agenda has largely ignored intersections with health policy. On the one hand, traditional bioeconomy sectors such as agriculture, food and forestry have a significant impact on air quality and emissions. New research shows that agriculture is not only a significant greenhouse gas emitter, but also contributes to hazardous air pollution. Food and agriculture are also major contributors to nutrition-related health outcomes and the spread of infectious diseases. On the other hand, several solutions and approaches are available to prevent these negative impacts on human and environmental health. Bioeconomy and circular economy approaches for example seek to reduce both greenhouse gas emissions and air pollution, by developing alternatives to fossil fuel and solid biomass burning. The workshop will discuss how bioeconomy and circular economy innovations might contribute to valid solutions that support progress towards the Sustainable Development Goals, including on health, nutrition, agriculture, energy, and cities.

Guiding questions:

- What are the health consequences of climate change and air pollution today and what are long-term risks? What are the critical linkages?
- What impact of bioeconomic and circular economy transformations can we expect on air quality and health?
- What solutions shall be considered, i.e. what political / societal / technological innovations are necessary to reduce air pollution and GHG emissions in order to improve public health?

Agenda:

.....

11:00 – 12:00

Impulse presentations, by the Co-Chairs and three more expert speakers: Hanna L. Tuomisto, Hannelore Daniel and Alisher Mirzabaev

.....

12:00 – 12:45

Round tables, teams will identify and discuss bioeconomy implications and solutions based on a structured approach, whereby they will be asked to elaborate on ideas and answers in response to the guiding questions

.....

12:45 – 13:00

Back reporting, by defined team leaders

.....





Bioeconomy Art Competition

Global Bioeconomy Summit 2018

19–20 April 2018

Telekom Forum, Berlin

Bioeconomy Art Competition

In order to involve young people from around the world in the Global Bioeconomy Summit 2018 and to gather their visions of a future bioeconomy, students from all disciplines were invited to submit creative artworks that address one of the following questions:

1. What is your vision of a future bioeconomy?
2. How would you like to live in the future and how would bioeconomy contribute?
3. How will the bioeconomy contribute to coping with global challenges in your direct living environment?

The Conference Secretariat received more than 20 entries which were evaluated by a jury. The jury selected three competition winners based on a series of criteria (including thematic consistency, innovation, originality and creativity).

The jury was composed of:

- an art professor and illustrator (Hans Baltzer)
- representatives from the German Bioeconomy Council (Holger Zinke, Hannelore Daniel) and its Secretariat (Christin Fund),
- and the young bioeconomy scientist Helen Berga.

The winners of the competition will get the chance to participate in the GBS2018 and to present their work to an international and expert audience.

The results of the competition will be exhibited during the GBS2018. They will feed into the discussions on future visions of the bioeconomy and how these visions can be communicated to different audiences.

Bioeconomy Art Competition

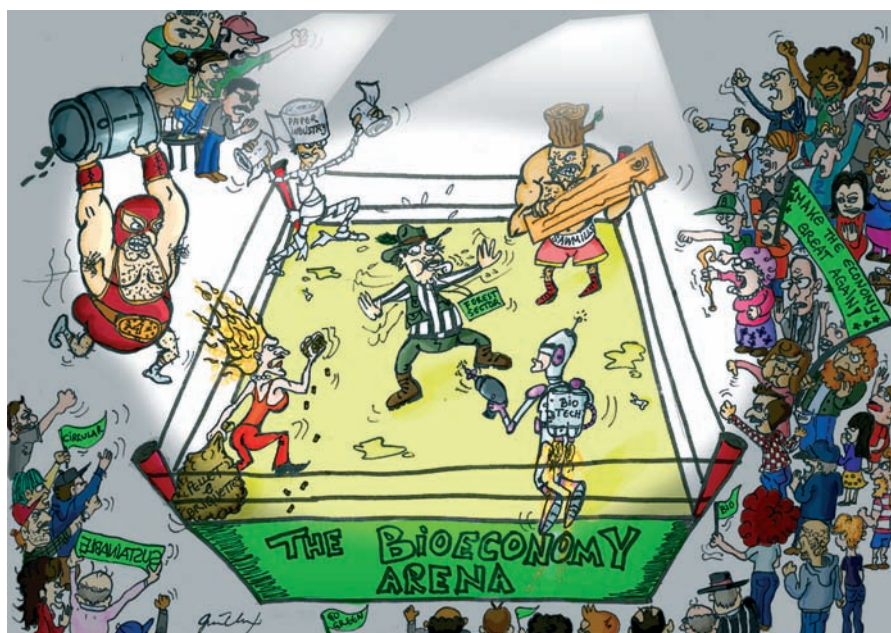
Winners



My name is **Alexis Stylianou** and I come from Cyprus. For as long as I can remember, I've always had a passion for painting and drawing. I went to an English-speaking high school and graduated in 2013. For the next two years I served in the Cypriot Army. After finishing my military service, I moved to Berlin to study. I spent a year learning German before starting my studies in Visual Communications at the University of Applied Sciences Europe and I am currently in my fourth semester. My studies provide me with the scope to grow creatively and experiment with different kinds of media.



Tali Teper is a 24-year-old visual communication student at the Bezalel Academy of Arts and Design in Jerusalem. She specializes in art direction, illustration, motion design, interactive and concept design. In Summer 2017, she took part in a student exchange program at BTK – Art & Design in Berlin, which is part of the University of Applied Sciences Europe. Ms. Teper is currently living and working in Jerusalem, Israel.



Alex Giurca is a PhD student within the BBW ForWerts Graduate Program and works for the Forest and Environmental Policy Group at the University of Freiburg (Germany). Before coming to Freiburg in 2015 he studied, worked in and hiked around many forests in Finland, Sweden, Brazil, and Romania. His main interests are in the area of forest policy and economics, extending from legality verification, international timber trade and forest certification to technology innovation. Other interests include exploring new and innovative ways of communicating science. When he is not researching about the bioeconomy, he procrastinates and draws funny cartoons.

Bioeconomy Art Competition

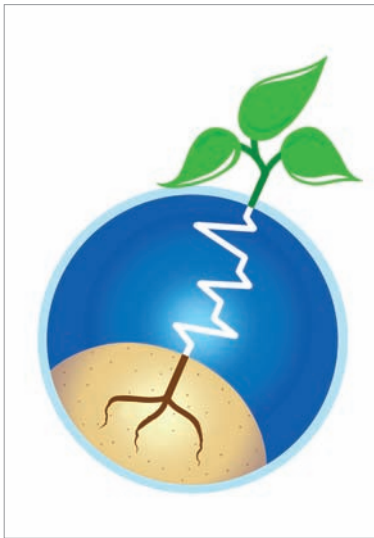
Other Submissions



Angelie Koerner, University of Applied Science
Europe, Germany



Angelie Koerner, University of Applied Science
Europe, Germany



Susrita Samantaray, KIIT School of
Biotechnology, India



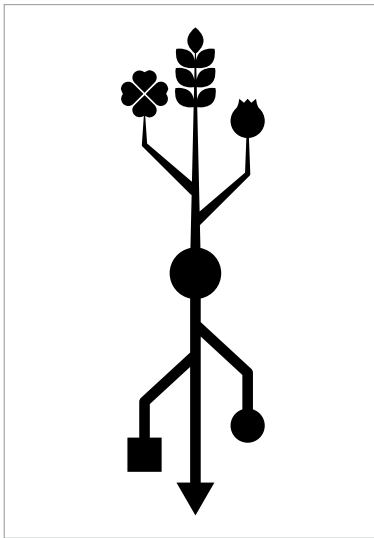
Rania El-Chichakli, Hildegard-Wegscheider-
Gymnasium, Germany



Angelie Koerner, University of Applied Science
Europe, Germany



Tanima Banerjee, CSIR-Indian Institute Of
Chemical Biology, India



Attendees

| Attendees | | | | Berlin, as of 09.04.2018; E & OE |
|-----------|--------------------|-----------------|--|----------------------------------|
| Nr. | Last Name | First Name | Company/Institute | Country |
| 1 | Aalto | Mika | Ministry of Economic Affairs and Employment of Finland | Finland |
| 2 | Aarnio | Tuula | Academy of Finland | Finland |
| 3 | Abshagen | Marie-Luise | Forum on Environment and Development | Germany |
| 4 | Acma | Bulent | Anadolu University | Turkey |
| 5 | Addo Serwaa | Mary | Sustainable Agriculture for Survival Initiative | Ghana |
| 6 | Adhikari | Narayan | Alternative Energy Promotion Centre (AEPIC) | Nepal |
| 7 | Afrifa | George | Green Ghana Initiative | Ghana |
| 8 | Aguilar | Alfredo | European Federation of Biotechnology | Europa |
| 9 | Ait Kadi | Mohamed | General Council of Agricultural Development | Marokko |
| 10 | Al Bakri Devadason | Sarah | Embassy of Malaysia | Malaysia |
| 11 | Aleksejeva | Inese | Ministry of Agriculture | Latvia |
| 12 | Alonso Sánchez | Jesús | Government of Extremadura | Spain |
| 13 | Amonchaisup | Jaturong | Office of Science and Technology, Royal Thai Embassy, Brussels | Belgium |
| 14 | Amrani | Nour | Novozymes | Belgium |
| 15 | Anefalos | Lilian Cristina | Agropolo Campinas-Brasil | Brasil |
| 16 | Anhalt | Kazik | Gateopen Innovation | Poland |
| 17 | Antonelli | Andrea | University Of Modena And Reggio Emilia | Italy |
| 18 | Aramendis | Rafael | SURICATA SAS | Colombia |
| 19 | Ardaiz | Shawn | Abundance Hub | Austria |
| 20 | Ardelean | Aurel | Universitatea de Vest Vasile Goldis din Arad | Romania |
| 21 | Arlt | Matthias | PLANT 2030 Geschäftsstelle | Germany |
| 22 | Arroyo | José Antonio | Ministry for the Environment, Ecuador | Ecuador |
| 23 | Arvaniti | Marianna | National and Kapodistrian University of Athens | Greece |
| 24 | Arvaniti | Efthalia | Submariner Network | Germany |
| 25 | Aßmus | Bernhard | Fraunhofer-Gesellschaft | Germany |
| 26 | Avraamides | Marios | European Commission | Italy |
| 27 | Avram | Sever-Mircea | CLDR Romania - Local Communities along the Danube River | Romania |
| 28 | Axelos | Monique | National Institute for Agricultural Research (INRA) | France |
| 29 | Babbini | Stefano | Mycoplast Snc | Italy |
| 30 | Babson | David | U.S. Department of Agriculture | USA |
| 31 | Babu Padamati | Ramesh | Trinity College Dublin | Ireland |
| 32 | Bacevičienė | Joana | Ministry of Agriculture | Lithuania |
| 33 | Bach | Juri | BIO.NRW / CLIB2021 | Germany |
| 34 | Bachler | Alexander | Landwirtschaftskammer Österreich | Austria |
| 35 | Backhaus | Georg F. | German Bioeconomy Council | Germany |
| 36 | Bader | Nils | Green Product Award | Germany |
| 37 | Baechtle | Christoph | BIOPRO Baden-Wuerttemberg GmbH | Germany |
| 38 | Bahati | Joseph | Presidential Initiative of Industrial Banana Development, Kampala | Uganda |
| 39 | Baidala | Viktoriia | National University of Life and Environmental Sciences of Ukraine | Ukraine |
| 40 | Bajorat | Harald | Federal Ministry Environment, Nature Conservation & Nuclear Safety | Germany |
| 41 | Banerjee | Tanima | CSIR-Indian Institute Of Chemical Biology, Kolkata | India |
| 42 | Banos Ruiz | Irene | Deutsche Welle | Germany |
| 43 | Banse | Martin | Thünen-Institut | Germany |
| 44 | Baraňao | Lino | Ministerio de Ciencia, Tecnología e Innovación Productiva | Argentina |
| 45 | Bardalen | Arne | Norwegian Institute of Bioeconomy Research (NIBIO) | Norway |
| 46 | Baron | Heike | Bioeconomy Science Center | Germany |

| Attendees | | | | Berlin, as of 09.04.2018; E & OE |
|-----------|----------------|----------------|---|----------------------------------|
| Nr. | Last Name | First Name | Company/Institute | Country |
| 47 | Barrett | Patrick | Department of Agriculture, Food and the Marine | Ireland |
| 48 | Bartkowiak | Artur | Center Of Bioimmobilisation And Innovative Packaging Materials | Poland |
| 49 | Bartzanas | Thomas | Center for Research and Technology-HELLAS | Greece |
| 50 | Baudelet | Fabien | Embassy of France, Berlin | France |
| 51 | Baumann | Tobias | Embassy of Ecuador in Germany | Germany |
| 52 | Baumes | Harry | Former USDA | USA |
| 53 | Beadle | Brian | Leibniz Institute of Agricultural Development in Transition Economies | USA |
| 54 | Beckert | Michel | Ministry of Higher Education, Research and Innovation (MESRI) | France |
| 55 | Beermann | Henrik | Fraunhofer IMW | Germany |
| 56 | Beever | Jason | Royal Dutch Shell | USA |
| 57 | Begeladze | Salome | International Union for Conservation of Nature | Internat. |
| 58 | Bell | John | Directorate-General for Research & Innovation, Bioeconomy | Belgium |
| 59 | Benedetti | Elena | AEP Polymers | Italy |
| 60 | Beuchelt | Tina | Center for Development Research (ZEF) | Germany |
| 61 | Bezama | Alberto | Helmholtz Centre for Environmental Research - UFZ | Germany |
| 62 | Bhumiratana | Sakarindr | King Mongkut University of Technology Thonburi | Thailand |
| 63 | Bielecki | Stanislaw | Technical University of Lodz | Poland |
| 64 | Bilal | Tanveer | University of Kashmir | India |
| 65 | Billig | Eric | Helmholtz Centre for Environmental Research (UFZ) | Germany |
| 66 | Birnbacher | Dieter | Heinrich-Heine-Universität Düsseldorf | Germany |
| 67 | Birner | Regina | German Bioeconomy Council | Germany |
| 68 | Black | Sarah | Biobased Industries Joint Undertaking | Europa |
| 69 | Bleser | Gerhard | Federal Ministry for Economic Affairs and Energy | Germany |
| 70 | Blichewicz | Agata | E-KALITERI LTD | Poland |
| 71 | Blohmke | Julian | Deloitte | NL |
| 72 | Blumberga | Dagnija | Riga Technical University Institute of Energy Systems and Environment | Latvia |
| 73 | Boateng | Peggy Oti | African Network of Scientific and Technological Institutions (ANSTI) | ZWE |
| 74 | Bodrogi | Florian | ifeu-Institut für Energie- und Umweltforschung Heidelberg GmbH | Germany |
| 75 | Boehm | Daniela | Rural 21, DLG-Verlag GmbH | Germany |
| 76 | Börner | Jan | Center for Development Research (ZEF) | Germany |
| 77 | Böttcher | Hannes | Öko-Institut e.V. | Germany |
| 78 | Bonaccorso | Mario | Il Bioeconomista | Italy |
| 79 | Bonou-Fandohan | Alice | Laboratory of Applied Ecology (LEA) | Benin |
| 80 | Booker Nielsen | Mark | Roskilde University | Denmark |
| 81 | Borgemeister | Christian | Centre for Development Research (ZEF) | Germany |
| 82 | Børsting | Asbjørn | DLG Group | Denmark |
| 83 | Bour Poitrinal | Emmanuelle | French Ministry for Agriculture, Food Industry and Forestry | France |
| 84 | Bousquet | Fanny | Consulate of Canada - Global Affairs Canada | Canada |
| 85 | Boyarintseva | Olga | University of Hohenheim | Russia |
| 86 | Boyer | Miriam | México via Berlin e.V. | Germany |
| 87 | Brändle | Leif | University of Hohenheim | Germany |
| 88 | Bramryd | Torleif | Lund University / Dept Environmental Strategy, ISM | Sweden |
| 89 | Brandstorp | Hans Marius | Innovation Norway | Norway |
| 90 | Braun | Susanne | Universität Hohenheim | Germany |
| 91 | Braun | Matthias | Sanofi-Aventis Deutschland | Germany |
| 92 | Bridg | Hannia | BridgNet | Germany |
| 93 | Bringezu | Stefan | University of Kassel | Germany |
| 94 | Bröring | Stefanie | University of Bonn | Germany |
| 95 | Broers | Léon | German Bioeconomy Council | Germany |
| 96 | Bronsema | Viola | BIO Deutschland e.V. | Germany |
| 97 | Brunori | Gianluca | University of Pisa | Italy |
| 98 | Brunsch | Reiner | Leibniz-Institut für Agrartechnik und Bioökonomie | Germany |
| 99 | Bunnag | U-sarat | National Science and Technology Development Agency | Thailand |
| 101 | Buß | Hans-Jürgen | Innovationszentrum Niedersachsen GmbH | Germany |
| 102 | Byrne | Gerry | University of Dublin | Ireland |
| 103 | Calderón Díaz | Silvia Liliana | Department of National Planning | Colombia |

| Attendees | | | | Berlin, as of 09.04.2018; E & OE |
|-----------|---------------------|---------------------|--|----------------------------------|
| Nr. | Last Name | First Name | Company/Institute | Country |
| 104 | Camargo | Gisele Anne | Strategic Management Dep. of the Agribusiness Technology Agency | Brasil |
| 105 | Camia | Andrea | European Commission - Joint Research Centre | Italy |
| 106 | Campbell | Horace | Institute of African Studies, University of Ghana | Ghana |
| 107 | Carenzo | Gianluca | Parco Tecnologico Padano | Italy |
| 108 | Carlson | Robert | Bioeconomy Capital | USA |
| 109 | Carosi | Daniela | Agency for territorial cohesion | Italy |
| 110 | Carrez | Dirk | Biobased Industry Consortium | Belgium |
| 111 | Carriel Schmitt | Caroline | Bioeconomy Graduate Program BBW Forwerths | Germany |
| 112 | Carrozzone | María Eugenia Silva | Ministry of Livestock and Agriculture | Uruguay |
| 113 | Carus | Michael | nova-Institut GmbH | Germany |
| 114 | Castilla-Rubio | Juan Carlos | Space Time Ventures | Brasil |
| 115 | Cerca | Mariana | Humboldt University of Berlin | Brasil |
| 116 | Ceribelli Madi | Luis Fernando | Institute of Food Technology (ITAL) | Brasil |
| 117 | Charoenvaravoot | Hongrsi | PTT Public Company Limited | Thailand |
| 118 | Chatalova | Lioudmila | Leibniz-Institut für Agrarentwicklung in Transformationsökon. | Germany |
| 119 | Chauvet | Jean-Marie | ARD Agro-industrie Recherches et Développement | France |
| 120 | Chawla | Tanuj | University of Hohenheim | Germany |
| 121 | Che Dir | Zurina | Malaysian Bioeconomy Development Corporation SDN BHD | Malaysia |
| 122 | Cheevadhanarak | Supapon | King Mongkut's University of Technology Thonburi | Thailand |
| 123 | Cheong | Insuk | Hankuk University of Foreign Studies | KOR |
| 124 | Cherdchutrakuntong | Wichien | The Federation of Thai Industries | Thailand |
| 125 | Chmielewski | Marcin | Marshal Office of Lodz Region | Poland |
| 126 | Chopin | Thierry | University of New Brunswick | Canada |
| 127 | Chotbenjakul | Wichulee | Ministry of Foreign Affairs | Thailand |
| 128 | Colonna | Paul | National Institute for Agricultural Research (INRA) | France |
| 129 | Comsa | Dana | Eco-Bio-Diplomacy | Romania |
| 130 | Consmüller | Nicola | Federal Office of Consumer Protection and Food Safety (BVL) | Germany |
| 131 | Corbeil | Sébastien | CelluForce | Canada |
| 132 | Cosma | Gabriela Ioana | Romanian Academy | Romania |
| 133 | Costa | Ramiro | Buenos Aires Grains Exchange | Argentina |
| 134 | Couto | Gabriela | CR-BioMed Cluster, Costa Rica | CRI |
| 135 | Cramm | Rainer | BioCon Valley | Germany |
| 136 | Cremer | Tobias | Hochschule für Nachhaltige Entwicklung Eberswalde | Germany |
| 137 | Crewett | Wibke | Humboldt-Universität zu Berlin | Germany |
| 138 | Crueger | Jens | Digital-Historiker.de | Germany |
| 139 | Csonka | Steve | Commercial Aviation Alternative Fuels Initiative | USA |
| 140 | Cudlínová | Eva | University of South Bohemia | CZ |
| 141 | Da Silva | Mayra | UNU-WIDER | Finland |
| 142 | Daedlow | Katrin | Humboldt-Universität zu Berlin, Division Agriculture and Food Policy | Germany |
| 143 | Dahlström | Margareta | Karlstad University | Sweden |
| 144 | Danan | Corinne | Ministry of Agriculture and Food, France | France |
| 145 | Daniel | Hannelore | German Bioeconomy Council | Germany |
| 146 | Daniel | Fosu kwasi | Forestry Commission Ghana | Ghana |
| 147 | David | Katalin Gabriela | Vasile Goldis Western University of Arad | Romania |
| 148 | de Galembert | Bernard | Confederation of European Paper Industries | Belgium |
| 149 | de Kok | Mick | Agrilution | Germany |
| 150 | De Magalhaes | Ana Vitoria | French Agency for Biodiveristy | France |
| 151 | de Paula Oliveira | Antonio Geraldo | Center for Strategic Studies & Management in Sci., Technol. & Innov. | Brasil |
| 152 | De Schoenmakere | Mieke | European Environment Agency | Denmark |
| 153 | de Schutter | Liesbeth | Vienna University of Economics & Business | Austria |
| 154 | Dehaut | Valérie | Ministry of Agriculture (MAAF/DGER) | France |
| 155 | Dehnavi | Mohsen | Biotechnology Develop Council (VPST) | Iran |
| 156 | Deja | Achim Georg | TIMA International GmbH | Germany |
| 157 | Del Favero-Campbell | Alexandra | University of Hohenheim | USA |
| 158 | Delucchi | Erica | University of Bologna | Italy |
| 159 | Demissie | Michael | University of Gondar | Ethiopia |

| Attendees | | | | Berlin, as of 09.04.2018; E & OE |
|-----------|------------------|---------------|---|----------------------------------|
| Nr. | Last Name | First Name | Company/Institute | Country |
| 160 | Denich | Manfred | Zentrum für Entwicklungsforschung (ZEF) | Germany |
| 161 | Dharmawan | Arya Hadi | Bogor Agricultural University, Indonesia | Indonesia |
| 162 | Di Carlo | Isabel | Embassy of the Bolivarian Republic of Venezuela in Germany | Bolivia |
| 163 | Diaconescu | Denis | Bioeconomy Postdoctoral School, GNIR - holding | Romania |
| 164 | Diaz-Chavez | Rocio | Stockholm Environment Institute Africa Centre | Kenia |
| 165 | Dick | Cameron | Queensland Government | Australia |
| 166 | Dieckhoff | Patrick | Fraunhofer Gesellschaft - Capital Office | Germany |
| 167 | Diels | Ludo | Flemish Institute for Technological Research (VITO) | Belgium |
| 168 | Dlaboha | Meike | University Of Applied Sciences Weihenstephan Triesdorf | Germany |
| 169 | Dobermann | Achim | Rothamsted Research | UK |
| 170 | Dohmen | Christiane | Nds. Ministerium für Umwelt, Energie, Bauen und Klimaschutz | Germany |
| 171 | Dokken | Lisa | Columbia University, Biomimicry Consultant | USA |
| 172 | Dreßen | Lorenz | TU Delft | NL |
| 173 | Dubois | Olivier | Food and Agriculture Organization of the United Nations (FAO) | Internat. |
| 174 | Duetsch | Michael | UPM Biochemicals | Finland |
| 175 | Durham | Ben | Department of Science and Technology, South Africa | RSA |
| 176 | Ebegba | Rufus | Nigeria Biosafety Management Agency (NBMA) | Nigeria |
| 177 | Ebert | Jill | Project Management Jülich | Germany |
| 178 | Echeverria | Ruben | International Center for Tropical Agriculture (CIAT) | Colombia |
| 179 | Eckart | Valentin | BioCon Valley | Germany |
| 180 | Ecuru | Julius | BioInnovate Africa Programme at icipe | Internat. |
| 181 | Efthymia | Alexopoulou | Centre for Renewable Energy Sources and Saving (CRES) | Greece |
| 182 | Eisner | Peter | Fraunhofer-Institut für Verfahrenstechnik und Verpackung | Germany |
| 183 | Ekateriniadou | Loukia | Veterinary Research Institute | Greece |
| 184 | El-Chichakli | Beate | Secretariat of the German Bioeconomy Council | Germany |
| 185 | Elbing | Kerstin | Verband Biologie, Biowissenschaften und Biomedizin (VBIO) | Germany |
| 186 | Emerencia | Nelo | Bio-Based Industries Consortium | Europa |
| 187 | Endlein | Edgar | Werner & Mertz | Germany |
| 188 | Enev | Atanas | Biomyc Ltd. | Bulgaria |
| 189 | Englbrecht | Claudia | BIO Deutschland e.V. | Germany |
| 190 | Erb | Lisa | Volution Labs / Laboratorium Erb | Germany |
| 191 | Erdal | Bjørn Tore | Nordic Council of Ministers | Denmark |
| 192 | Ernst | Christine | Project Management Agency Karlsruhe | Germany |
| 193 | Esaki | Yoshihide | Ministry of Economy, Trade and Industry | Japan |
| 194 | Escudero | Jesus | National Institute for Agricultural and Food Research and Technology | Spain |
| 195 | Esiobu | Diuto | Applied Biotech International Nig Ltd | Nigeria |
| 196 | Esparon | Stéphane | Bordeaux Sciences Agro | France |
| 197 | Fahmi | Ahmed | UNESCO | France |
| 198 | Fasce Pollicelli | Alit Fiorella | Ministry of Science, Technology and Productive Innovation | Argentina |
| 199 | Fava | Fabio | Alma Mater Studiorum-Università di Bologna | Italy |
| 200 | Faye | Seny | University Lyon-Saint-Etienne (France) & UGB of Saint-Louis (Senegal) | France |
| 201 | Fernandez Flores | Enrique | UN Economic Commission for Latin America and the Caribbean | Chile |
| 202 | Fiedler | Manuela | Forschungszentrum Jülich - Projektträger Jülich - BIO | Germany |
| 203 | Fladung | Matthias | Bundesforschungsanstalt für Forst und Holzwirtschaft | Germany |
| 204 | Flechsig | Susanne | German Federal Ministry for Economic Affairs and Energy | Germany |
| 205 | Florczyk | Ewa | Marshal's Office of Lodz Region | Poland |
| 206 | Förster | Jan Janosch | Center for Development Research (ZEF) | Germany |
| 207 | Fokiene | Vitalija | Ministry of Agriculture of Lithuania | Lithuania |
| 208 | Form | Melanie | aireg | Germany |
| 209 | Franz | Gabriela | Chocolates Franz | Brasil |
| 210 | Freitag | Jens | German Federation for Plant Innovation (GFPI) | Germany |
| 211 | Fricke | Arno | University College Cork | Ireland |
| 212 | Friebe | Arvid | Infra-Zeit Servicegesellschaft mbH | Germany |
| 213 | Friedrich | Alexandra | Algenol Biofuels Germany GmbH | Germany |
| 214 | Fritsche | Uwe R. | International Institute for Sustainability Analysis and Strategy | Germany |
| 215 | Fronemann | Nora | Fraunhofer IAO | Germany |

Attendees

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| Nr. | Last Name | First Name | Company/Institute | Country |
|-----|----------------|-------------------|---|-----------|
| 216 | Froese | Hans-Jürgen | Federal Ministry of Food and Agriculture | Germany |
| 217 | Fuglsang | Claus Crone | Novozymes North America Inc. | USA |
| 218 | Fujimori | Yoshihiro | Mitsubishi Chemical Corporation | Japan |
| 219 | Fujishima | Yoshiyuki | Japan Bioindustry Association | Japan |
| 220 | Fukuda | Kyoko | Yokogawa Electric Corporation | Japan |
| 221 | Funck | Kerstin | Fraunhofer-Gesellschaft | Germany |
| 222 | Fund | Christin | Secretariat of the German Bioeconomy Council | Germany |
| 223 | Gaeva | Tatiana | National Research Centre "Kurchatov Institute" | Russia |
| 224 | Galitz | Tassilo | BASF SE Berlin Office | Germany |
| 225 | Gamba | Liliane | WWF Deutschland | Germany |
| 226 | Gambo Boukary | Aboubakr | West Afr. Service Center on Climate Change & Adapted Land Use | Niger |
| 227 | Garthoff | Bernward | Bayer CropScience AG | Germany |
| 228 | Gaudig | Anja | University of Hohenheim | Germany |
| 229 | Gebre-ab | Newai | Ethiopian Development Research Institute | Ethiopia |
| 230 | Gelvonauskis | Bronislovas | Plant Gene Bank | Lithuania |
| 231 | Geng | Natalia | Thünen-Institute of International Forestry and Forest Economics | Germany |
| 232 | Gent | Ricardo | Deutsche Industrievereinigung Biotechnologie (DIB) | Germany |
| 233 | Georgiev | Deyan | Biomyc Ltd. | Bulgaria |
| 234 | Gipmans | Martijn | thinkstep AG | Germany |
| 235 | Giurca | Alexandru | University of Freiburg | Germany |
| 236 | Glössl | Josef | University of Natural Resources and Life Sciences, Vienna | Austria |
| 237 | Glowacki | Romann | Deutsches Biomasseforschungszentrum (DBFZ) | Germany |
| 238 | Gnankambary | Zacharia | INERA Institut de l'environnement et Recherches Agricoles | BFA |
| 239 | Görg | Christoph | Alpen-Adria-Universität Klagenfurt | Austria |
| 240 | Goldin | Ian | Oxford Martin Programme on Technological and Economic Change | RSA |
| 241 | Golea | Daniela Georgiana | National Intelligence Academy | Romania |
| 242 | Golebiewska | Kinga | Marshal Office of Lodz | Poland |
| 243 | Gomez San Juan | Marta | Food and Agriculture Organization of the United Nations | Internat. |
| 244 | Gotke | Niels | Danish Ministry of Science, Innovation and Higher Education | Denmark |
| 245 | Gottwald | Franz-Theo | Schweisfurth-Stiftung | Germany |
| 246 | Granizo Tamayo | Tarsicio | Ministerio del Ambiente del Ecuador | Ecuador |
| 247 | Gregori | Giulia | Novamont SpA | Italy |
| 248 | Greimel | Martin | Bundesministerium für Nachhaltigkeit und Tourismus | Austria |
| 249 | Gresham | Josephine | University of Hohenheim | Australia |
| 250 | Grimm | Vera | German Federal Ministry of Education and Research | Germany |
| 251 | Groenewald | Hennie | Biosafety South Africa | RSA |
| 252 | Grossauer | Franz | University of Natural Resources and Life Sciences (Boku) | Austria |
| 253 | Grosshans | Richard | International Institute for Sustainable Development | Canada |
| 254 | Gruber | Sieglinde | European Commission | Belgium |
| 255 | Grundel | Ida | Karlstad University | Sweden |
| 256 | Grundmann | Philipp | Leibniz Institute for Agricultural Engineering | Germany |
| 257 | Gurib-Fakim | Ameenah | Government of Mauritius | Mauritius |
| 258 | Gutiérrez | María Elena | Biopower Capital | Peru |
| 259 | Hackfort | Sarah | Institut für Zukunftsstudien und Technologiebewertung (IZT) | Germany |
| 260 | Hagen | Hans | Institute Pasteur | France |
| 261 | Hagström-Näsi | Christine | Finish Bioeconomy Cluster | Finland |
| 262 | Hain | Andrea | Office of the Bioeconomy Council Bavaria | Germany |
| 263 | Haines | Andrew | London School of Hygiene and Tropical Medicine | UK |
| 264 | Hamm | Ulrich | German Bioeconomy Council | Germany |
| 265 | Hansen | Anne Maria | Danish Technological Institution | Denmark |
| 266 | Hasani | Amin | Biotechnology Develop Council (VPST) | Iran |
| 267 | Hatvani | Nora | Lavina Foundation | Hungary |
| 268 | Haye | Vera | CLIB2021 | Germany |
| 269 | Heath | Simon | Association for European Life Science Universities (ICA) | UK |
| 270 | Heckel | Sofia | Programa de capacitación, Bioeconomía Argentina | Argentina |
| 271 | Heiden | Jens-Uwe | Universität Greifswald | Germany |

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| Nr. | Last Name | First Name | Company/Institute | Country |
|-----|-------------------|--------------------|---|----------|
| 272 | Heimann | Tobias | Kiel Institute for the World Economy | Germany |
| 273 | Henchion | Maeve | Teagasc | Ireland |
| 274 | Henderson | Paul | Department for Business, Energy and Industrial Strategy | UK |
| 275 | Hengse | Andreas | Fraunhofer-Allianz Food Chain Management | Germany |
| 276 | Henry | Guy | Centro Internacional de Agricultura Tropical | Colombia |
| 277 | Hernandez | Sara | SARA HERNANDEZ CONSULTING LTD | UK |
| 278 | Hernandez Melchor | Gloria Isela | Ibero-American Society of Bioeconomics and Climate Change | Mexico |
| 279 | Herok | Claudia | Ministerium für Wissenschaft, Forschung und Kultur, BRB | Germany |
| 280 | Herr | Julia | VDI Zentrum Ressourceneffizienz GmbH | Germany |
| 281 | Hetemäki | Lauri | European Forest Institute (EFI) | Finland |
| 282 | Hideg | Catalin Robertino | S.C.SANIMED INTERNATIONAL IMPEX S.R.L | Romania |
| 283 | Hinterstoisser | Barbara | University of Natural Resources and Life Sciences (BOKU) | Austria |
| 284 | Hochmann | Bibor | Federal Foreign Office | Germany |
| 285 | Höfle | Lisa | German Association of Biotechnology Industries (DIB) | Germany |
| 286 | Hoff | Holger | Stockholm Environment Institute | Sweden |
| 287 | Hoffmann | Viola | University of Hohenheim | Germany |
| 288 | Hollander | Maria | The Paper Province in the Cluster Room at Karlstad | Sweden |
| 289 | Hortsmann | Cay Frederic | BIO Deutschland e.V. | Germany |
| 290 | Hülse | Jannis | Universität der Künste | Germany |
| 291 | Huwe | Björn | ScienceShop Potsdam e.V. | Germany |
| 292 | Hye-Shun | Melissa | School of Law, Hanyang University | KOR |
| 293 | Iacobelli | Massimo | Techitra | Italy |
| 294 | Iga | Mitsuhiro | Yokogawa Electric Corporation | Japan |
| 295 | Igarashi | Kiyohiko | University of Tokyo | Japan |
| 296 | Imcharoen | Aim-orn | National Science and Technology Development Agency | Thailand |
| 297 | Inayat | Alexandra | University Erlangen-Nürnberg | Germany |
| 298 | Iost | Susanne | Thünen-Institute of International Forestry and Forest Economics | Germany |
| 299 | Ishizuka | Hiroaki | Mitsubishi Chemicals | Japan |
| 300 | Issa | Irwa | Universität Kassel | Germany |
| 301 | Jablonowski | Veronika Maria | Projekträger Jülich | Germany |
| 302 | Jacob | Felix | DWI - Leibniz-Institute for Interactive Materials | Germany |
| 303 | Jacobi | Jan | GFPI & FEI | Germany |
| 304 | Jaenicke | Hannah | University of Bonn/Center for Development Research | Germany |
| 305 | Järvenpää | Markku | Natural Resources Institute Finland | Finland |
| 306 | Jain | Divya | University of science and technology, murthal, India | India |
| 307 | Jamrerckjang | Seetala | International Cooperation & Public Relations Division, BIOTEC | Thailand |
| 308 | Jarasch | Ernst-Dieter | BioRN Network e.V. | Germany |
| 309 | Jensen | Lars Horsholt | Agro Business Park A/S | Denmark |
| 310 | Jensen | Anders Vestergaard | Climate-KIC | Denmark |
| 311 | Jering | Almut | Umweltbundesamt (UBA) | Germany |
| 312 | Jester | Silke | Innovationszentrum Niedersachsen / BioRegion | Germany |
| 313 | Jochem | Dominik | Thünen-Institut | Germany |
| 314 | Johansson | Michael | Lund University | Sweden |
| 315 | Johnson | Richard A. | Engineering Biology Research Consortium | USA |
| 316 | Johnson | Francis | Stockholm Environment Institute | Sweden |
| 317 | Jonischkeit | Barbara | BIOPRO Baden-Württemberg GmbH | Germany |
| 318 | Jorasch | Petra | European Seed Association | Germany |
| 319 | Jossek | Ralf | Forschungszentrum Jülich GmbH | Germany |
| 320 | Jun | Yin | Embassy of the PR of China in Germany | Germany |
| 321 | Jupke | Andreas | AVT Aachener Verfahrenstechnik | Germany |
| 322 | Jutz | Günther | Fraunhofer Institute for Mechanics of Materials IWM | Germany |
| 323 | Juul-Olsen | Lasse | Danish Agrifish Agency | Denmark |
| 324 | Kaeb | Harald | naroon | Germany |
| 325 | Kale | Maija | Nordic Council of Ministers' Office in Latvia | Latvia |
| 326 | Kam | Yin Fah | Milost Global Inc | USA |
| 327 | Kambach | Kristin | Secretariat of the German Bioeconomy Council | Germany |

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|-----|------------------|---------------|---|-----------|
| 328 | Kanatharana | Jane Krishna | Executive Vice President, NSTDA | Thailand |
| 329 | Kanjanapipatkul | Tayatat | Ministry of Foreign Affairs of Thailand | Thailand |
| 330 | Kannekanti | Sriram | PROGRESPECT | India |
| 331 | Karim | Enayet | Global Economist Forum | BGD |
| 332 | Karlson | Hilary | Danish Technological Institute | Denmark |
| 333 | Kaşdoğan | Duygu | Koç University | Turkey |
| 334 | Katz | Heinrich | Hermetia Deutschland GmbH & Co. KG | Germany |
| 335 | Kehrer | Sebastian | Geschäftsstelle Sachverständigenrat Bioökonomie Bayern | Germany |
| 336 | Kelsch | Vanessa | BIOPRO Baden-Württemberg GmbH | Germany |
| 337 | Khan | Shamsun Nahar | East West University Bangladesh | BGD |
| 338 | Kiehne | Thorsten | Mitsubishi Chemical Europe GmbH | Germany |
| 339 | Kilci | Mehmet | Ministry of Food, Agricultural and Livestock | Turkey |
| 340 | Kim | Sangyong | KITECH | KOR |
| 341 | Kinderlerer | Julian | University of Cape Town | RSA |
| 342 | Kindervater | Ralf | BIOPRO Baden-Württemberg GmbH | Germany |
| 343 | Kircher | Manfred | CLIB2021 - Cluster Industrielle Biotechnologie | Germany |
| 344 | Kiresiewa | Zoritz | Ecologic Institute | Germany |
| 345 | Kiriyama | Nobuo | Embassy of Japan | Japan |
| 346 | Kirtikara | Kanyawim | Ministry of Science and Technology, Thailand | Thailand |
| 347 | Kitney | Richard | EPSRC National Centre for Synthetic Biology and Innovation | UK |
| 348 | Kittler | Ronny | Deutsches Biomasseforschungszentrum (DBFZ) | Germany |
| 349 | Klar | Christian | Forschungszentrum Jülich GmbH | Germany |
| 350 | Kleinert | Heidrun | Federal Ministry, Environment, Nature Conservation and Nuclear Safety | Germany |
| 351 | Klitkou | Antje | Nordic Institute for Studies in Innovation, Research & Education | Norway |
| 352 | Knecht | Siegfried | Airbus Germany | Germany |
| 353 | Koca | Deniz | Lund University | Sweden |
| 354 | Koch | Moritz | University Tuebingen | Germany |
| 355 | Koch | Josephine | Forum Umwelt und Entwicklung | Germany |
| 356 | Koch-Weser | Maritta | Earth3000 gGmbH | Germany |
| 357 | Kolarek | Martina | Nature and Biodiversity Conservation Union (NABU) | Germany |
| 358 | Koll | Martin | University of Potsdam | Germany |
| 359 | Koller | Matthias | Federal Environment Agency | Germany |
| 360 | Koos | Akos | Bay Zoltan Nonprofit Ltd for Applied Research | Hungary |
| 361 | Kosugi | Akihiko | Japan International Research Center for Agricultural Sciences | Japan |
| 362 | Kothari | SL | Amity University Rajasthan | India |
| 363 | Kounagbè Lokonon | Boris | West Afr. Service Center on Climate Change & Adapted Land Use | Benin |
| 364 | Kovacs | Barna | BIOEAST | Hungary |
| 365 | Kozłowska | Izabela | Marshal's Office of the Lodzkie Region | Poland |
| 366 | Kraus | Wolfgang | Südzucker AG | Germany |
| 367 | Kreysa | Joachim | European Commission | Belgium |
| 368 | Krieg | Sabine | Fraunhofer-Institut für Grenzflächen- und Bioverfahrenstechnik | Germany |
| 369 | Kristensen | Erik Steen | Aarhus University | Denmark |
| 370 | Kristinsson | Hörður G. | Matis - Icelandic Food & Biotech R&D | Iceland |
| 371 | Kuchta | Kerstin | Technische Universität Hamburg | Germany |
| 372 | Kütt | Waldemar | European Commission | Europa |
| 373 | Kütt | Karmeli | Ministry of Rural Affairs of the Republic of Estonia | Estonia |
| 374 | Kuhn | Max | Fraunhofer IAO | Germany |
| 375 | Kulisić | Biljana | Energy Institute Hrvoje Požar | Croatia |
| 376 | Kumala Putri | Eka Intan | Bogor Agricultural University, Indonesia | Indonesia |
| 377 | Kumar Sop | Shrabana | Disaster Reduction Nepal (DRN) | Nepal |
| 378 | Kumbhar | Pramod | Praj Matrix | India |
| 379 | Kumpula-Natri | Mia Petra | European Parliament | Finland |
| 380 | Kurppa | Sirpa | Natural Resources Institute Finland (Luke) | Finland |
| 381 | Kuss | Katharina | Go Africa | Germany |
| 382 | Ladenehim | Ruth Graciela | Centro Interdisciplinario de Estudios en Ciencia, Tecnología e Innovación | Argentina |
| 383 | Ladenheim | Ruth | Ministry of Science, Technology and Productive Innovation | Argentina |

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|-----------|----------------|----------------|--|----------------------------------|
| Nr. | Last Name | First Name | Company/Institute | Country |
| 384 | Ladu | Luana | TU Berlin | Germany |
| 385 | Lainez | Manuel | National Institute for Agricultural and Food Research, Spain | Spain |
| 386 | Lalama | Jenny | Embassy of Ecuador in Germany | Germany |
| 387 | Lamers | Gottfried | Ministerium für Land- & Forstwirtschaft, Umwelt & Wasserwirtschaft | Austria |
| 388 | Lampel | Stefan | Forschungszentrum Jülich | Germany |
| 389 | Lang | Christine | German Bioeconomy Council | Germany |
| 390 | Lang | Stephanie | University of Hohenheim | Germany |
| 391 | Lange | Lene | Technical University of Denmark | Denmark |
| 392 | Lange | Kristy-Barbara | European Bioplastics e.V. | Germany |
| 393 | Langer | Martin | BRAIN AG | Germany |
| 394 | Lask | Jan | University of Hohenheim | Germany |
| 395 | Laue | Heike | Niedersächs. Ministerium für Wirtschaft, Arbeit und Verkehr | Germany |
| 396 | Lee | Sang-Won | Sungkyunkwan University | KOR |
| 397 | Lehmann | Harry | German Environment Agency | Germany |
| 398 | Lehorst | Camilla | Ministry of Enterprise and Innovation | Sweden |
| 399 | Leicht | Katja | Bundesinstitut für Risikobewertung (BfR) | Germany |
| 400 | Leifert | Claudia | EPC - Projektgesellschaft für Klima.Nachhaltigkeit.Kommunikation | Germany |
| 401 | Lelieveld | Johann | Max-Planck-Institut für Chemie | Germany |
| 402 | Leme | Rodrigo | IRENA | Germany |
| 403 | Lemke | Theda | ATB Potsdam | Germany |
| 404 | Lemken | Norbert | Bayer CropScience AG | Germany |
| 405 | Lengyel | Miguel | Interdisciplinary Center for the Study of Science, Technol. & Innov. | Argentina |
| 406 | Leschinsky | Moritz | Fraunhofer-Zentrum für Chemisch-Biotechnologische Prozesse | Germany |
| 407 | Leta Asfaw | Seyoum | Addis Ababa University | Ethiopia |
| 408 | Levasseur | Jean-François | Government of Canada, Natural Resources, Forest Service | Canada |
| 409 | Li | Su | Biotechnology and Biological Sciences Research Council, BBSRC | UK |
| 410 | Li | Yin | Tianjin Inst. of Industrial Biotechnol., Chinese Academy of Sciences | China |
| 411 | Lieberz | Sabine | Embassy of the United States Berlin | USA |
| 412 | Lier | Markus | Luke Finland | Finland |
| 413 | Liljegren | Anders | Roquette | France |
| 414 | Lintunen | Kai | Finnish Forest Association | Finland |
| 415 | Liutikas | Darius | Ministry of Agriculture of the Republic of Lithuania | Lithuania |
| 416 | Loessl | Maximilian | Agrilution | Germany |
| 417 | Loncsár | Krisztina | Ministry of Prime Minister's Office | Hungary |
| 418 | Longhini | Mara | Alma Mater Studiorum - Università di Bologna | Italy |
| 419 | Lopes | Maurício | Brazilian Agricultural Research Corporation (Embrapa) | Brasil |
| 420 | López Mora | Alfredo | Ministerio del Ambiente del Ecuador | Ecuador |
| 421 | Lostak | Michael | Association for European Life Science Universities | CZ |
| 422 | Lucht | Jan | scienceindustries | CH |
| 423 | Luguel | Christophe | Association Industries & Agro Ressources IAR | France |
| 424 | Lund | Mogens | Norwegian Institute of Bioeconomy Research (NIBIO) | Norway |
| 425 | Lutz | Christian | GWS - Institute of Economic Structures Research | Germany |
| 426 | Machado | Pedro | Embrapa Labex Europe | Brasil |
| 427 | MacRae | Elspeth | SCION | NZL |
| 428 | Madirolas | Adrian | Instituto Nacional de Investigaciones y Desarrollo Pesquero | Argentina |
| 429 | Maesincee | Suvit | Minister of Science and Technology, Thailand | Thailand |
| 430 | Mahakhant | Aparat | Thai Institute of Scientific and Technological Research | Thailand |
| 431 | Maier | Jürgen | Forum Umwelt und Entwicklung | Germany |
| 432 | Male | Jonathan | U.S. Department of Energy | USA |
| 433 | Mandal | Samadrita | University of Science and Technology, Sonapat, Haryana | India |
| 434 | Manninen | Jussi | VTT, Solutions for Natural Resources & Environment Business Area | Finland |
| 435 | Manyong | Victor | International Institute of Tropical Agriculture (IITA) | Tansania |
| 436 | Marcel | Gabriele | Construisions ensemble le monde (ONG CEM) | Congo |
| 437 | Mariano | Jorge | Ministry of Science Technology and Productive Innovation | Argentina |
| 438 | Marsela | Luarasi | Agricultural University of Tirana | Albania |
| 439 | Martinez Perez | Pilar | Spain Green Building Council | Spain |

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| Nr. | Last Name | First Name | Company/Institute | Country |
|-----|------------------|----------------|--|-----------|
| 440 | Martinez-Rojas | Enriqueta | University of applied sciences Neubrandenburg | Mexico |
| 441 | Martins Costa | Maria Beatriz | Planeta Orgânico | Brasil |
| 442 | Masuda | Hitoshi | JETRO | Japan |
| 443 | Matallana | Michael | MATEST Systemtechnik GmbH | Germany |
| 444 | Matallana | Santiago | Department of National Planning | Colombia |
| 445 | Mathey | Anne-Hélène | Government of Canada, Natural Resources, Forest Service | Canada |
| 446 | Mathisen | Marte | Nordic Council of Ministers | Denmark |
| 447 | Matiang'i | Fred Okengo | Ministry of Education, Science and Technology | Kenia |
| 448 | Matisons | Magnus | BioFuel Region | Sweden |
| 449 | Matiz Rubio | Natalia | IER University of Stuttgart | Colombia |
| 450 | Mauch | Coretta | Landesbeauftragten für Datenschutz und Informationsfreiheit | Germany |
| 451 | Maurer | Karl-Heinz | AB Enzymes GmbH | Germany |
| 452 | Maxon | Mary | Lawrence Berkeley National Laboratory | USA |
| 453 | Mayorga | Lina | University of Hohenheim | Colombia |
| 454 | Mazola | Salvatore | National Research Council | Italy |
| 455 | McCallum | Bruce | Ministry of Business, Innovation and Employment, New Zeland | NZL |
| 456 | McLaughlin | Murray | Bioindustrial Innovation Canada | Canada |
| 457 | Meerod | Watcharin | National Center for Genetic Engineering and Biotechnology | Thailand |
| 458 | Mehariya | Sanjeet | Italian Agency for New Technologies, Energy and Sust. Econ. Develop. | Italy |
| 459 | Meier | Ralph Vinzenz | MCPD Germany | Germany |
| 460 | Meise | Thomas | Federal Ministry, Environment, Nature Cons., Building & Nuclear Safety | Germany |
| 461 | Mejía | Manuel | Embassy of Ecuador in Germany | Germany |
| 462 | Mengal | Philippe | Public Private Partnership Biobased Industry JU | France |
| 463 | Mentaberry | Alejandro | Ministry of Science, Technology and Productive Innovation | Argentina |
| 464 | Mernitz | Gudrun | BioCon Valley GmbH | Germany |
| 465 | Merz | Lucas | University of Kassel-Witzenhausen | Germany |
| 466 | Meyruey | Clémence | Ministry of Agriculture, France | France |
| 467 | Michel | Klaus-Peter | German Federal Ministry of Education and Research | Germany |
| 468 | Michelsen | Lena | INKOTA Netzwerk | Germany |
| 469 | Miehe | Robert | Fraunhofer IPA | Germany |
| 470 | Miranda | Javier | Center for Development Research | Mexico |
| 471 | Mirzabaev | Alisher | Center for Development Research (ZEF) | Germany |
| 472 | Mittenzwei | Max | University of Greifswald | Germany |
| 473 | Mizunashi | Wataru | Mitsubishi Chemical Corporation | Japan |
| 474 | Möller | Martin | Öko-Institut e.V. | Germany |
| 475 | Möndel | Alexander | Ministerium für Ländlichen Raum, Verbraucherschutz BW | Germany |
| 476 | Moesenfechtel | Urs | Helmholtz Centre for Environmental Research (UFZ) | Germany |
| 477 | Molloy | Jennifer | University of Cambridge | UK |
| 478 | Mongkolwai | Chantira | Graduate Program Development, NSTDA | Thailand |
| 479 | Moosmann | Charlie | Gesellschaft für internationale Zusammenarbeit GIZ | Germany |
| 480 | Morais Carbonell | Sérgio Augusto | Secretaria de Agricultura e Abastecimento | Brasil |
| 481 | Morgenstern | Martin | Fundación DPT | Argentina |
| 482 | Morris | Jane | Morris Life Science Consulting | UK |
| 483 | Mosler | Horst | Horst Mosler Management + Consulting | Germany |
| 484 | Motica | Adina Maria | Universitatea de Vest Vasile Goldis din Arad | Romania |
| 485 | Mubaya | Michael | Mubaya Ecovillage Zimbabwe | ZWE |
| 486 | Müller | Artur | Evonik Industries AG | Germany |
| 487 | Müller | Juliane | Agrilution | Germany |
| 488 | Müller-Kraenner | Sascha | Deutsche Umwelthilfe e.V. | Germany |
| 489 | Mukha | Orest | Lviv Centre for Scientific, Technical and Economical Inform. | Ukraine |
| 490 | Muli | Celestine | Leibniz Institute of Agricult. Development in Transition Economies | Kenia |
| 491 | Munabi | Gesa Mike | Students for Global Democracy Uganda | Uganda |
| 492 | Mungeyi | Paulus | National Commission on Research Science and Technology | Namibia |
| 493 | Murchison | Andres | Secretario de Alimentos y Bioeconomia | Argentina |
| 494 | Nadiradze | Kakha | Association for Farmers Rights Defense (AFRD) | Georgia |
| 495 | Nakari-Setälä | Tiina | VTT Technical Research Centre of Finland Ltd. | Finland |

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| Nr. | Last Name | First Name | Company/Institute | Country |
| 496 | Naowanondha | Sasiyada | Ministry of Foreign Affairs of Thailand | Thailand |
| 497 | Napier | Jonathan | Rothamsted Research | UK |
| 498 | Nashiru | Oyekanmi | National Biotechnology Development Agency | Nigeria |
| 499 | Naula Naula | José Luis | Ministerio del Ambiente | Ecuador |
| 500 | Ncube | Keabetswe | Agricultural Research Council South Africa | RSA |
| 501 | Neumann | Konstantin | wisefood GmbH | Germany |
| 502 | Ngabirano | Gertrude | East African Science & Technology Commission | Ruanda |
| 503 | Nganlert | Khwanakamon | Ministry of Foreign Affairs, Kingdom of Thailand | Thailand |
| 504 | Ngeh | Emmanuel | Young Farmers Development Group | Cameroon |
| 505 | Nguyen | Ha Thi | Swedish University of Agricultural Sciences | Vietnam |
| 506 | Niedt | Therese | Agrilution | Germany |
| 507 | Nishimura | Marie | New Energy and Industrial Technology Development Organization | Japan |
| 508 | Nitcharunkul | Pornranee | Thailand Board of Investment (BOI) | Thailand |
| 509 | Nkombo | Nachilala | WWF Zambia | Zambia |
| 510 | Nobre | Ismael | Amazon Third Way (A3W) Initiative project | Brasil |
| 511 | Noori | Moslem | Biotechnology Develop Council (VPST) | Iran |
| 512 | Noorsalehi-Garakani | Sohrab | | Germany |
| 513 | Nordfeldt | Marie | Karlstad University | Sweden |
| 514 | Noske | Andrea | German Federal Ministry of Education and Research | Germany |
| 515 | Nowack | Martin | Dt. Gesellschaft für Internationale Zusammenarbeit (GIZ) | Namibia |
| 516 | Nummert | Benjamin | Sachverständigenrat Bioökonomie Bayern | Germany |
| 517 | Nursantio | Mush'ab E. | Biteback | Indonesia |
| 518 | O'Connor | Kevin | University College Dublin | Ireland |
| 519 | O'Hara | Ian | Queensland Univ. of Technol., Centre for Trop. Crops & Biocommodity | Australia |
| 520 | Oakes | Mark | Department for International Trade | UK |
| 521 | Obst | Lara | Climate-KIC | Germany |
| 522 | Oddsson | Geir | Ministry for Foreign Affairs Iceland | Iceland |
| 523 | Oh | Jun Byoung | Department of Economics, Inha University | KOR |
| 524 | Oliver | Silvia | Ministry of Science, Technology and Productive Innovation | Argentina |
| 525 | Oluoch-Kosura | Willis | University of Nairobi | Kenia |
| 526 | Omarini | Alejandra | Univ. of Bremen & Instituto de Ciencias de la Tierra y Ambientales | Argentina |
| 527 | Onyimonyi | Anselm | University of Nigeria, Nsukka | Nigeria |
| 528 | Ortinger | Werner | Bayer. Staatsministerium für Ernährung, Landw. & Forsten | Germany |
| 529 | Osman | Rus Shazila | Embassy of Malaysia | Malaysia |
| 530 | Oswald | Yannick | Karl-Franzens University of Graz | Germany |
| 531 | Othman | Mohd Shuhada | Embassy of Malaysia | Malaysia |
| 532 | Otieno-Ndhine | Edwardina | National Commission for Science, Technology and Innovation | Kenia |
| 533 | Otte | Karsten | Extracon | Colombia |
| 534 | Overland | Margareth | Norwegian University of Life Sciences (NMBU) | Norway |
| 535 | Ozaki | Yukihito | Kaneka Belgium N.V. | Belgium |
| 536 | Ozor | Nicholas | African Technology Policy Studies Network | Internat. |
| 537 | Padalkina | Dina | | Germany |
| 538 | Padilla | Amy | IBON Foundation | Philippines |
| 539 | Pajuste | Armand Andres | NordBioChem Ltd. | Estonia |
| 540 | Paranyuk | Volodymyr | Lviv National Agrarian University | Ukraine |
| 541 | Park | Minsoo | Sungkyunkwan University | KOR |
| 542 | Pascher | Peter | Deutscher Bauernverband e.V. | Germany |
| 543 | Passmore | Jeff | Passmore Group Inc. | Canada |
| 544 | Pászti-Márkus | Eszter | Embassy of Hungary in Berlin | Hungary |
| 545 | Patermann | Christian | International Bioeconomy Advisor | Germany |
| 546 | Patzelt | Dominik | BIOPRO Baden-Württemberg GmbH | Germany |
| 547 | Paul | Carsten | Leibniz-Zentrum für Agrarlandschaftsforschung | Germany |
| 548 | Paula | Lino | European Commission | Europa |
| 549 | Percy | Adrain | Bayer Crop Sciences | Germany |
| 550 | Perus | Jens | Nordic Council of Ministers | Finland |
| 551 | Petersen | Ines | Bioeconomy Graduate Program BBW ForWerts | Germany |

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| Nr. | Last Name | First Name | Company/Institute | Country |
|-----|---------------------------|------------------|---|-----------|
| 552 | Peuser | Verena | Eurice GmbH | Germany |
| 553 | Philp | James | Organisation for Economic Co-operation and Development (OECD) | Internat. |
| 554 | Phoneprasert | Nitirooge | Ministry of Foreign Affairs of Thailand | Thailand |
| 555 | Phudphong | Ravipat | Ministry of Science and Technology | Thailand |
| 556 | Pietzsch | Joachim | wissenswort | Germany |
| 557 | Pilat | Dirk | Organisation for Economic Co-operation and Development (OECD) | France |
| 558 | Pinmanee | Phitsanu | National Center for Genetic Engineering and Biotechnology | Thailand |
| 559 | Pittaluga Fonseca | Lucia | Office of Planning and Budget, Presidency of the Republic | Uruguay |
| 560 | Piyachomkwan | Kuakoon | National Center for Genetic Engineering and Biotechnology | Thailand |
| 561 | Plöger | Ingo | Entrepreneurial Council of the Americas (CEAL) | Brasil |
| 562 | Ploger | Ingo | CEAL - Consejo de Empresarios de America Latina | Brasil |
| 563 | Pompejus | Markus | BASF AG | Germany |
| 564 | Popov | Vladimir | Federal Research Centre of Biotechnology RAS | Russia |
| 565 | Popp | József | University of Debrecen | Hungary |
| 566 | Poulter | Matt | BGI | Denmark |
| 567 | Pray | Carl | Rutgers University | USA |
| 568 | Preuß | Stephanie | Springer Verlag | Germany |
| 569 | Prezio | Enrico | Bioeconomy Directorate - EU Commission | Europa |
| 570 | Pribac | Loredana | Universitatea de Vest Vasile Goldis din Arad | Romania |
| 571 | Prista | Luisa | European Commission, DG GROW | Europa |
| 572 | Prochaska | Leonard | University of Greifswald | Germany |
| 573 | Prodoscimi Nunes | Bruno Cesar | Ministério da Ciência, Tecnologia, Inovações e Comunicações | Brasil |
| 574 | Pugaciauskaite-Butrimiene | Jurgita | The Ministry of Agriculture of the Republic of Lithuania | Lithuania |
| 575 | Quiros Madrigal | Olman | University Costa Rica | CRI |
| 576 | Qvintus | Pia | VTT Technical Research Centre of Finland | Finland |
| 577 | Radjou | Navi | Innovation Advisor, Silicon Valley | USA |
| 578 | Radowski | Anette | Südzucker AG | Germany |
| 579 | Raicevic | Dusan | VeraPark | Sweden |
| 580 | Raimondo | Maria | University of Sannio | Italy |
| 581 | Rakers | Sebastian | Fraunhofer EMB | Germany |
| 582 | Raksaket | Kanittha | Thailand Management Association | Thailand |
| 583 | Ramirez-Zarzosa | Aurelio | Spain Green Building Council | Spain |
| 584 | Ransdorp | Sandra | BE-Basic Foundation | NL |
| 585 | Rau | Marie-Luise | Wageningen Economic Research | NL |
| 586 | Rausch | Thomas | Bioeconomy Graduate Program BBW ForWerts | Germany |
| 587 | Rauschen | Stefan | Standing Committee on Agricultural Research (SCAR) | Germany |
| 588 | Ravin | Nikolai | Federal Research Centre of Biotechnology RAS | Russia |
| 589 | Rehder | Leif Erik | Embassy of the United States Berlin | USA |
| 590 | Reisch | Lucia A. | German Bioeconomy Council | Denmark |
| 591 | Reisner | Michael | Deutscher Bundestag, Office H. Ebner | Germany |
| 592 | Reitemeier | Maren | University of Hohenheim | Germany |
| 593 | Renckens | Suzy | Biobased Industries Consortium (BIC) | Europe |
| 594 | Rettenmaier | Nils | ifeu - Institute for Energy and Environmental Research Heidelberg | Germany |
| 595 | Revatta | Jose | Revatta & Vera | NL |
| 596 | Rezaee | Ali Akbar | Center for progress and development of Iran | Iran |
| 597 | Rhee | Sang-Ki | BioHoldings Inc. | KOR |
| 598 | Riccaboni | Angelo | PRIMA Initiative | Italy |
| 599 | Richter | Silvia | Rural 21 - The International Journal for Rural Development | Germany |
| 600 | Richter | Oliver | Interconomy UG | Germany |
| 601 | Ridder | Wolfram | Mercer International Inc./Zellstoff Stendal | Germany |
| 602 | Rijsberman | Frank | Global Green Growth Institute | Internat. |
| 603 | Roat | Chetana | Gujarat Univeristy | India |
| 604 | Robescu | Valentina Ofelia | Valahia University of Targoviste | Romania |
| 605 | Robichaud | Ghislain | Embassy of Canada | Canada |
| 606 | Robinson | James | ZALF - Leibniz Centre for Agricultural Landscape Research | Germany |
| 607 | Rodríguez | Adrián G. | UN Economic Commission for Latin America and the Caribbean | Internat. |

| Attendees | | | | Berlin, as of 09.04.2018; E & OE |
|-----------|---------------------|----------------|---|----------------------------------|
| Nr. | Last Name | First Name | Company/Institute | Country |
| 608 | Röder | Hubert | Weihenstephan-Triesdorf University of Applied Sciences (HSWT) | Germany |
| 609 | Roeder | Mirjam | University of Manchester | UK |
| 610 | Rötger | Antje | Carpegen GmbH | Germany |
| 611 | Rosello | Alejandro | Embassy of Uruguay in Germany | Uruguay |
| 612 | Ruanglek | Vasimon | SCG Chemicals Co.,Ltd. | Thailand |
| 613 | Rueannoi | Phawika | National Science and Technology Development Agency | Thailand |
| 614 | Rübberdt | Kathrin | DECHEMA e.V. | Germany |
| 615 | Rugutt | Moses | National Sciences, Technology and Innovation (NACOSTI) | Kenia |
| 616 | Rumbold | Karl | University of the Witwatersrand, Johannesburg | KOR |
| 617 | Rupp | Marco | Bio-based Industries Consortium | Belgium |
| 618 | Rupp-Dahlem | Christophe | Roquette | France |
| 619 | R. Correa Castilla | Luciana | Universidade de São Paulo | Brasil |
| 620 | Saccani | Sira | Climate-KIC | Europa |
| 621 | Saini | Jitendra Kumar | Central University of Haryana | India |
| 622 | Sakellaris | George | University of South Bohemia | CZR |
| 623 | Saken-Braunstein | Elisabeth | Ministerium für Umwelt, Klima und Energiewirtschaft | Germany |
| 624 | Salgado Rivadeneira | Francisco | Embassy of Ecuador in Germany | Germany |
| 625 | Samaha | Kimberly | Synthesis Venture Fund Partners and Born Global LLC | USA |
| 626 | Sameith | Janin | Hessen Trade & Invest GmbH | Germany |
| 627 | Sánchez Sorondo | Marcelo | Pontifical Academy of Sciences | Vatikan |
| 628 | Sano | Hiroshi | Mitsubishi Chemical Corporation (and Japan BioPlastics Association) | Japan |
| 629 | Santiago | Valeria | University of A Coruña | Spain |
| 630 | Sasson | Albert | BioEuroLatina | Internat. |
| 631 | Sathikunarat | Surachai | National Science Technology and Innovation Policy Office | Thailand |
| 632 | Sathikunarat | Surachai | Ministry of Science and Technology, Thailand | Thailand |
| 633 | Sato | Shunsuke | KANEKA CORPORATION | Japan |
| 634 | Satyanarayana | Narra | University of Rostock | Germany |
| 635 | Sauer | Alexander | Fraunhofer IPA | Germany |
| 636 | Schachtsiek | Tilman | Federal Ministry of Food and Agriculture | Germany |
| 637 | Schaldach | Rüdiger | University of Kassel | Germany |
| 638 | Schiller | Daniel | University of Greifswald | Germany |
| 639 | Schlegelmilch | Kai | Federal Agency for Nature Conservation | Germany |
| 640 | Schlesier | Karin | Federal Institute for Risk Assessment | Germany |
| 641 | Schlingmann | Ortega | European Investment Bank | LUX |
| 642 | Schmid | Jochen | Technical University of Munich | Germany |
| 643 | Schmid | Andreas | Helmholtz Centre for Environmental Research (UFZ) | Germany |
| 644 | Schmidt | Falk | IASS Institute for Advanced Sustainability Studies e.V. | Germany |
| 645 | Schmoll | Chanchoura | Government of Canada, Natural Resources, Forest Service | Canada |
| 646 | Schneider | Rafael | Deutsche Welthungerhilfe e.V. | Germany |
| 647 | Schneider | Harald | Xishuangbanna Tropical Botanical Garden | China |
| 648 | Schönicke | Petra | LXP-GROUP GmbH | Germany |
| 649 | Schramski | John | University of Georgia | USA |
| 650 | Schreiber | Sylvia | KETBIO EU project | Belgium |
| 651 | Schünemann | Franziska | Kiel Institute for the World Economy | Germany |
| 652 | Schütte | Andreas | Fachagentur Nachwachsende Rohstoffe e.V. | Germany |
| 653 | Schultz-Zehden | Angela | SUBMARINER Network for Blue Growth EEIG | Germany |
| 654 | Schulz | Martin | genius GmbH | Germany |
| 655 | Schurr | Ulrich | Forschungszentrum Jülich | Germany |
| 656 | Schwab | Jean-Philippe | Federal Ministry of Foreign Affairs | Germany |
| 657 | Schwabl | Viktor | Ecosocial Students Forum | Austria |
| 658 | Schwaneberg | Ulrich | RWTH Aachen | Germany |
| 659 | Schwarz | Alexander | Fraunhofer Institute for Systems and Innovation Research ISI | Germany |
| 660 | Schwarz | Thomas | CLIB2021 | Germany |
| 661 | Schweinle | Jörg | Thünen-Institut für Internationale Waldwirtschaft und Forstökonomie | Germany |
| 662 | Schwietring | Thomas | Forschungszentrum Jülich GmbH | Germany |
| 663 | Scott | Emily | U.S. Embassy in Berlin | USA |

| Attendees | | | | Berlin, as of 09.04.2018; E & OE |
|-----------|------------------|----------------|--|----------------------------------|
| Nr. | Last Name | First Name | Company/Institute | Country |
| 664 | Sembon | Shoichiro | Ministry of Agriculture, Forestry and Fisheries | Japan |
| 665 | Semedo | Maria Helena | Food and Agriculture Organization of the United Nations (FAO) | Cap Verde |
| 666 | Serafini | Damiana | World Business Council for Sustainable Development | CH |
| 667 | Sere | Carlos | | Germany |
| 668 | Sergent | Sophie | IFREMER | Belgium |
| 669 | Sevda | Haghi Kia | Bayer CropScience Biologics | Germany |
| 670 | Sharova | Irina | Federal Research Centre of Biotechnology RAS | Russia |
| 671 | Shenggen | Fan | International Food Policy Research Institute | China |
| 672 | Shi | Yinfeng | Polyterra Innovation GmbH | Germany |
| 673 | Shin | Ilsoon | Inha University | KOR |
| 674 | Shkolnykova | Mariia | University of Bremen | Ukraine |
| 675 | Shoji | Naomi | Mitsui Global Strategic Studies Institute | Japan |
| 676 | Sieber | Volker | TU München - Lehrstuhl für Chemie Biogener Rohstoffe | Germany |
| 677 | Sieden | Carsten | BASF | Germany |
| 678 | Siemaszko | Andrzej | National Contact Point for Research Programmes of the EU | Poland |
| 679 | Siemon | Dominik | SunCoal Industries GmbH | Germany |
| 680 | Silva | Bernardo | Brazilian Industrial Biotechnology Association (ABBI) | Brasil |
| 681 | Silva Carrazzone | Maria Eugenia | Ministry of Agriculture, Uruguay | Uruguay |
| 682 | Simon | Frank | Deutsches Netzwerk Wirtschaftsethik | Germany |
| 683 | Sinzinger | Korbinian | TUM Campus Straubing CBR | Germany |
| 684 | Sirisaengtaksin | Anon | PTT Global Chemical Group | Thailand |
| 685 | Sittidech | Manop | Office of Science and Technology, Royal Thai Embassy, Brussels | Thailand |
| 686 | Sittidech | Punnee | Office of Science and Technology, Royal Thai Embassy, Brussels | Thailand |
| 687 | Slusarczyk | Heike | Bioeconomy Science Center (BioSC) | Germany |
| 688 | Sobrevila | Claudia | World Bank | USA |
| 689 | Sol Sanchez | Angel | Colegio de Postgraduados, Mexico | Mexico |
| 690 | Solomon | Bamidele | Obafemi Awolowo University | Nigeria |
| 691 | Sommerwerk | Nike | Leibniz Institute for Evolution and Biodiversity Science | Germany |
| 692 | Sonntag | Nadja | WissenschaftsCampus Halle | Germany |
| 693 | Sornklin | Hongsuda | National Science and Technology Development Agency | Thailand |
| 694 | Sousanna | Jean-Francois | National Institute for Agricultural Research (INRA) | France |
| 695 | Spadafora | Guido | Botschaft der Republik Panama | Panama |
| 696 | Spreafichi | Ignacio | Universidad Nacional de La Plata (UNLP) | Argentina |
| 697 | Spreng | Angela | Ontario International / Consulate of Canada | Canada |
| 698 | Sriroth | Klanarong | MitrPhol Research and development Institute | Thailand |
| 699 | Stäbler | Norma | Forschungszentrum Jülich | Germany |
| 700 | Stan | Simona | Bioterra University Bucharest | Romania |
| 701 | Stange | Kelly | Embassy of the United States Berlin | USA |
| 702 | Starokaznikov | Eugene | RaGrow AG | CH |
| 703 | Staufenberger | Tim | Helmholtz-Zentrum für Ozeanforschung | Germany |
| 704 | Steglich | Anja | inter 3 GmbH | Germany |
| 705 | Stein | Michael | BIOPRO Baden-Württemberg GmbH | Germany |
| 706 | Steinort | Tim | Bayer CropScience Biologics GmbH | Germany |
| 707 | Stingl | Alexander | Collège d'études mondiales | France |
| 708 | Stoppel | Jannes | Greenpeace e.V. | Germany |
| 709 | Străteanu | Amalia-Gianina | Romanian Academy | Romania |
| 710 | Straub | Rudolf | Forschungszentrum Jülich GmbH | Germany |
| 711 | Strothmann | Philip | Forum for Sustainability through Life Cycle Innovation | Germany |
| 712 | Stuurmann | Aitbate Hatago | University of Namibia | Namibia |
| 713 | Suepaisal | Narisara | Prachachat Newspaper | Thailand |
| 714 | Suntharasaj | Pattharaporn | Chulalongkorn University | Thailand |
| 715 | Suntken | Suleika | Deutsche Umwelthilfe e.V. | Germany |
| 716 | Suttisawat | Yindee | Thaioil | Thailand |
| 717 | Suttiwisedsak | Pipat | Thai Bioplastics Industry Association | Thailand |
| 718 | Suwanasri | Kulwarang | National Center for Genetic Engineering and Biotechnology | Thailand |
| 719 | Swarup | Renu | Biotechnology Industry Research Assistance Council (BIRAC) | India |

Attendees

Berlin, as of 09.04.2018; E & OE

| Nr. | Last Name | First Name | Company/Institute | Country |
|-----|-------------------|------------|---|----------|
| 720 | Sy | El Hadj | Ministère de l'Environnement, de l'Eau et de l'Assainissement | Mali |
| 721 | Takata | Katsuhiko | Akita Prefectural University | Japan |
| 722 | Takeda | Kenichi | Hitachi, Research & Development Group | Japan |
| 723 | Talavyria | Mykola | National University of Life & Environmental sciences | Ukraine |
| 724 | Tanticharoen | Morakot | National Science and Technology Development Agency (NSTDA) | Thailand |
| 725 | Tanzmann | Stig | Brot für die Welt e.V. | Germany |
| 726 | Tavakoli | Omid | University of Teheran | Iran |
| 727 | Terrel | Meylin | University of Hohenheim | Peru |
| 728 | Tesfaye | Kassahun | Ethiopian Biotechnology Institute (EBTi) | Ethiopia |
| 729 | Therdsteerasukdi | Narit | Thailand Board of Investment (BOI) | Thailand |
| 730 | Thies | Christoph | Greenpeace e.V. | Germany |
| 731 | Thrän | Daniela | German Bioeconomy Council | Germany |
| 732 | Thuvasethakul | Chadamas | National Science and Technology Development Agency (NSTDA) | Thailand |
| 733 | Tilga | Madis | Nordic Council of Ministers' Office in Estonia | Estonia |
| 734 | Tissier | Anne-Laure | ScienceCampus Halle - Plant-Based Bioeconomy | Germany |
| 735 | Tittor | Anne | Friedrich Schiller University Jena | Germany |
| 736 | Töpfer | Klaus | Former UNDP | Germany |
| 737 | Tomkinson | Jeremy | The National Non-Food Crops Centre | UK |
| 738 | Tongsopit | Sopida | National Science Technology and Innovation Policy Office | Thailand |
| 739 | Torres | Danielle | Embrapa | Brasil |
| 740 | Torres | Mauricio | University of Leipzig | Colombia |
| 741 | Tragoonrung | Somvong | National Center for Genetic Engineering and Biotechnology | Thailand |
| 742 | Tuomisto | Hanna | Ruralia Institute | Finland |
| 743 | Uderszky | Attila | Geonardo Ltd. | Hungary |
| 744 | Ülker | Bekir | AgroJector UG | Germany |
| 745 | Uemura | Masahiro | Ministry of Economy, Trade and Industry (METI) | Japan |
| 746 | Ugljarevic | Ivan | SCROSS Association | Croatia |
| 747 | Unkelbach | Gerd | Fraunhofer-Zentrum für Chemisch-Biotechnologische Prozesse | Germany |
| 748 | Urmeter | Sophie | University of Hohenheim | Germany |
| 749 | van Dijk | Maarten | SkyNRG | NL |
| 750 | van Esch | Jan | Ministry of Economic Affairs, Netherlands | NL |
| 751 | van Leeuwen | Myrna | BERST Project: BioEconomy Regional Strategy Toolkit | NL |
| 752 | van Meijl | Hans | Wageningen Economic Research | NL |
| 753 | Van Neste | Erika | Agriculture and Agri-Food Canada, Government of Canada | Canada |
| 754 | van Paddenburg | Annawati | Global Green Growth Institute | KOR |
| 755 | Vanit | Chanasiri | Global Green Chemicals Public Company Limited | Thailand |
| 756 | Vargas-Carpintero | Ricardo | University of Hohenheim | Colombia |
| 757 | Vasilov | Raif G. | Russian Biotechnology Association | Russia |
| 758 | Vázquez Mariño | Guillermo | Escuela Técnica Superior de Arquitectura de La Coruña - ETSAC | Spain |
| 759 | Vehviläinen | Anne | Ministry of Agriculture and Forestry, Finland | Finland |
| 760 | Venus | Joachim | Leibniz Institute for Agricultural Engineering | Germany |
| 761 | Viaggi | Davide | University of Bologna | Italy |
| 762 | Videbæk | Thomas | Novozymes | Denmark |
| 763 | Viel | Guy | Centre de Recherche sur les Biotechnologies Marines | Canada |
| 764 | Viell | Jörn | RWTH Aachen University | Germany |
| 765 | Villacís | Samantha | Ministerio del Ambiente | Ecuador |
| 766 | Viola | Roberto | Mirnagreen | Italy |
| 767 | Virgin | Ivar | Stockholm Environment Institute | Sweden |
| 768 | Vogel | Johannes | German Bioeconomy Council | Germany |
| 769 | Vogel | Melanie | Bayer AG | Germany |
| 770 | Voigt | Holm | Center for Development Research (ZEF) | Germany |
| 771 | von Bothmer | Philipp | Fachagentur Nachwachsende Rohstoffe e.V. | Germany |
| 772 | von Braun | Joachim | German Bioeconomy Council | Germany |
| 773 | von Kameke | Conrad | BioInnovators Europe | Denmark |
| 774 | von Rintelen | Thomas | Museum of Natural History Berlin | Germany |
| 775 | von Trotha | Juliana | U.S. Embassy Berlin | USA |

Attendees

Berlin, as of 09.04.2018; E & OE

| Nr. | Last Name | First Name | Company/Institute | Country |
|-----|-------------------|---------------|--|----------|
| 776 | Vorgias | Constantinos | National and Kapodistrian University of Athens | Greece |
| 777 | Voytovych | Ivan | National Forestry University Ukraine | Ukraine |
| 778 | Wagner | Moritz | University of Hohenheim | Germany |
| 779 | Wagner | Susanne | University Kassel | Germany |
| 780 | Walch-Solimena | Christiane | Max-Planck-Gesellschaft | Germany |
| 781 | Waldvogel-Mohr | Eva | German Federal Ministry of Education and Research | Germany |
| 782 | Wamae | Watu | Cambridge Centre for Global Health Research | UK |
| 783 | Wang | Jinhua | Embassy of the PR of China in Germany | Germany |
| 784 | Watanabe | Kazuhiro | Mitsubishi Chemical Corporation | Japan |
| 785 | Watts | Susan | Rothamsted Research | UK |
| 786 | Wawro | Piotr | Nordzucker Group | Germany |
| 787 | Webber | Francis | Family Farming Platform in Sierra Leone | S. Leone |
| 788 | Weber | Sascha | Thünen-Institut | Germany |
| 789 | Weber | Edzard | Potsdam University | Germany |
| 790 | Weickert | Sebastian | University of Hohenheim | Germany |
| 791 | Weidtmann | Annette | Universität Hohenheim | Germany |
| 792 | Weier | Dagmar | Project Management Jülich | Germany |
| 793 | Weigl | Martin | Öst. Vereinigung Agrar-, Lebens- und Umweltwiss. Forschung | Austria |
| 794 | Weimar | Holger | Johann Heinrich von Thünen Institute | Germany |
| 795 | Wellbrock | Wiebke | University of Hohenheim | Germany |
| 796 | Wells | Peter | Section of Higher Education, UNESCO | France |
| 797 | Wendisch | Volker | Universität Bielefeld | Germany |
| 798 | Wendt | Eva | Project Management Jülich | Germany |
| 799 | Wertheim | Rafi | TU Chemnitz Fraunhofer Institute | Germany |
| 800 | Wessel-Terharn | Andreas | Federal Ministry of the Interior, Building and Community | Germany |
| 801 | Wieland | Beate | Ministerium für Kultur und Wissenschaft, NRW | Germany |
| 802 | Wiest | Bruno | Embassy of Canada to Germany | Canada |
| 803 | Wimmers | Klaus | Leibniz-Institut für Nutztierbiologie | Germany |
| 804 | Winther | Thomas | Innagate ApS - Office Pretoria | KOR |
| 805 | Wirsching | Sandra | BIOCOM AG | Germany |
| 806 | Wolf | Carl | LanzaTech | UK |
| 807 | Wolff Bueno | Guilherme | São Paulo State University | Brasil |
| 808 | Wydra | Sven | Fraunhofer-Institut für System- und Innovationsforschung ISI | Germany |
| 809 | Wydra | Kerstin | Erfurt University of Applied Sciences | Germany |
| 810 | Xu | Yao | TUM School of Life Sciences Weihenstephan | China |
| 811 | Yalew | Amsalu Woldie | Potsdam Institute for Climate Impact Research | Germany |
| 812 | Yoo | Seung Jun | Korea Bio-Economy Research Center | KOR |
| 813 | Yoshizawa | Yoichi | Mitsui & Co. Deutschland GmbH | Japan |
| 814 | Zaldivar Cruz | Juan Manuel | Colegio de Postgraduados | Mexico |
| 815 | Zamfirescu | Sandu | EUROLINK-House of Europe | Romania |
| 816 | Zapilko | Marina | TU München | Germany |
| 817 | Zboralski | Katja | German Federal Ministry of Education and Research | Germany |
| 818 | Zezza | Annalisa | Italian Council for Agricultural Research and Economics | Italy |
| 819 | Zhang | Chunyi | Biotechnology Research Instit., Chinese Academy of Agricultural Sci. | China |
| 820 | Zhang | Na | University of Hohenheim | China |
| 821 | Zhang | Wan | Center for Organismal Studies (COS), University of Heidelberg | Germany |
| 822 | Zibek | Susanne | Fraunhofer IGB | Germany |
| 823 | Zika | Eleni | Bio-based Industries Joint Undertaking | Belgium |
| 824 | Zillner | Theodor | Austrian Ministry for Technology | Austria |
| 825 | Zimmermann | Roman | Forschungszentrum Jülich GmbH | Germany |
| 826 | Zimmermann-Loessl | Christine | Association for Vertical Farming e.V. | Germany |
| 827 | Zollfrank | Cordt | TUM CS for Biotechnology and Sustainability | Germany |
| 828 | Zorbas | Haralabos | BioM WB GmbH | Germany |
| 829 | Zscheile | Matthias | BCM BioEconomy Cluster Management GmbH | Germany |
| 830 | Zuniga Zapata | Ana Cristina | Corporacion Universitaria Lasallista | Colombia |
| 831 | Zwane | Alix | Global Innovation Fund | UK |

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