

Program - Plenary

Thursday – 19 November 2020

07:00 – 08:00 Check in

08:00 – 08:10 Welcome & Housekeeping

08:10 – 08:20 Welcome & Intro

08:20 – 08:30 Video Opening

08:30 – 08:45 Political Addresses

Anja Karliczek, Federal German Minister for Education and Research

Don Pramudwinai, Deputy Prime Minister & Minister of Foreign Affairs, Kingdom of Thailand

08:45 – 08:50 Infotainment

08:50 – 09:25 Plenary Session 1

Setting the Scene – New Dynamics in Bioeconomy Development

The Debate

Co-Chairs:

Christine Lang, Co-Chair, IACGB | CSO, BELANO Medical AG | Manager, MBCC Group

Joachim von Braun, Co-Chair, IACGB | Director, Center for Development Research (ZEF),
University of Bonn

Panelists:

Ruben G. Echeverría, International Food Policy Research Institute (IFPRI) | IACGB

Julius Ecuru, Steering Group Member, IACGB | Head, BioInnovate Africa Program,
International Centre of Insect Physiology and Ecology (icipe)

Yin Li, Steering Group Member, IACGB | Director General, Bureau of International
Cooperation, Chinese Academy of Sciences

Elspeth MacRae, Steering Group Member, IACGB | Chief Innovation and Science Officer,
SCION

Mary Maxon, Associate Laboratory Director for Biosciences, Lawrence Berkeley National
Laboratory | IACGB

Morakot Tanticharoen, Senior Advisor to the President of the National Science and
Technology Development Agency Thailand (NSTDA) | IACGB

09:25 – 09:30 Infotainment

09:30 – 10:20 Plenary Session 2 – PART A

*The Bioeconomy's Role in Solving Global Crises and Contributing to a Resilient, Sustainable
Economy and Future for All*

The Keynotes

Paola Vega-Castillo, Minister of Science, Technology and Telecommunication, Costa Rica

Emily Leproust, CEO, Co-founder and Director of Twist Bioscience

→ *Writing the Future of Health and Sustainability with Synthetic DNA*

Frank Rijsberman, Director General, Global Green Growth Institute (GGGI)

→ *The Bioeconomy's Role in Greening the post-COVID-19 Recovery*

Dabo Guan, Professor for Climate Change Economics, Tsinghua University

→ *Global climate change mitigation in the post-covid era and opportunities of bioeconomy*

10:20 – 10:25 Infotainment

10:25 – 11:25 Plenary Session 2 – PART B

The Bioeconomy's Role in Solving Global Crises and Contributing to a Resilient, Sustainable Economy and Future for All

The Debate

Moderator:

Magdalena Skipper, Editor in Chief, Nature

Panelists:

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

Brendan Edgerton, Director, Circular Economy at World Business Council for Sustainable Development

Torfi Jóhannesson, Senior Adviser at the Nordic Council of Ministers

Leena Srivastava, Deputy Director General for Science of the International Institute for Applied Systems Analysis (IIASA), Austria

Helena Vieira, Director General Maritime Policy, Ministry of Agriculture and Sea, Portugal

Rachel Wynberg, Professor, Department of Environmental and Geographical Science, University of Cape Town

11:25 – 11:30 Infotainment

11:30 – 12:00 Spotlight on Official GBS2020 Partners (ASEAN / Thailand)

12:00 – 12:30 Spotlight on Official GBS2020 Partners (Japan)

12:30 – 12:40 Global Bioeconomy Policy Report (IV) Presentation

Panelists:

Mary Maxon, Associate Laboratory Director for Biosciences, Lawrence Berkeley National Laboratory

Christian Patermann, International Bioeconomy Advisor

Lily Teitelbaum, Research & Policy Analyst, Conference Office of the Global Bioeconomy Summit 2020

12:30 – 14:30 Bioeconomy Youth Kick-off Workshop (closed session)

12:30 – 15:30 Break

15:30 – 16:20 Plenary Session 3 – PART A

Bioeconomy Innovations, Markets, Consumers and Wellbeing

The Keynotes

Jeffrey Sachs, University Professor & Director, Center for Sustainable Development, Columbia University

Agnes Matilda Kalibata, President, Alliance for a Green Revolution in Africa (AGRA)

Marcus Remmers, Chief Technology Officer, Royal DSM

→ **Biosciences: key enabler for a sustainable future**

Hiroyuki Kojima, Chief Innovation Officer, Ajinomoto Co., Inc.

→ ***Contribution of balanced amino acid supplementation in animal feeding to the climate and sustainability***

16:20 – 16:25 Infotainment

16:25 – 17:15 Plenary Session 3 – PART B

Bioeconomy Innovations, Markets, Consumers and Wellbeing

The Debate

Panelists:

Daniel Dominguez, Co-founder and Strategic Alliances Director, Allbiotech

Louise Fresco, President, Wageningen University

Klaus Pellengahr, Director, Novozymes A/S and General Manager of Novozymes Berlin

Lucia Reisch, Professor of Intercultural Consumer Research and Behavioural Public Policy, Copenhagen Business School

Virgilio Mauricio Viana, Director General of the Sustainable Amazon Foundation (FAS)

17:15 – 17:20 Infotainment

17:20 – 17:50 Spotlight on Official GBS2020 Partners (EASTECO & BioInnovative Africa)

17:50 – 17:55 Infotainment

17:55 – 18:25 Spotlight on Official GBS2020 Partners (IICA)

18:25 – 18:30 Infotainment

18:30 – 20:30 Evening Reception

I **Bioeconomy menu** served by 4 innovative start-ups → **Cell Farm, Knaerzje, Solar Foods, Yolele**

I Presentation by the **Bioeconomy Youth Champions**

I Virtual tour through the **Berlin & Paris Museum** of Natural History

I Virtual **roundtables**

Friday – 20 November 2020

07:30 – 08:30 Check in

08:30 – 09:00 Welcome & Political Addresses

Julia Klöckner, Federal German Minister for Food and Agriculture

Qu Dongyu, Director General, United Nations Food and Agriculture Organization (UN FAO)

09:00 – 09:05 Infotainment

09:05 – 09:15 Global Expert Survey Presentation

Jan Börner, Professor for Economics of Sustainable Land Use and Bioeconomy at the University of Bonn

Thomas Dietz, Professor for International Relations and Law at University of Muenster

Karla Rubio, PhD candidate at the University of Münster

09:15 – 10:05 Plenary Session 4 – PART A

Investing in the Bioeconomy

The Keynotes

Emily Chew, Global Head of Sustainability for Investment Management, Morgan Stanley

Werner Schmidt, Director of the Environment and Sustainable Territorial Development Department within the Projects Directorate of the European Investment Bank (EIB)

Ipshta Mandal-Johnson, Founder and CEO, Global Bio Fund & Co-Founder of the Global Biotech Revolution

→ *Nurturing globally diverse entrepreneurs to build solutions for a sustainable bioeconomy*

Kolawole Adisa Olonade, Senior Lecturer, Department of Civil and Environmental Engineering, University of Lagos

→ *From Bio-wastes to Bioresources: Sustainable Construction and the case of Cassava Peels*

10:05 – 10:10 Infotainment

10:10 – 11:10 Plenary Session 4 – PART B

Investing in the Bioeconomy

The Debate

Panelists:

Michal Devir, Co-Founder and General Managing Partner at Rimonim Agro VC

Ray Dhirani, Head of Sustainable Finance, WWF-UK

Chris Fall, Director of the Department of Energy's Office of Science, USA

Pablo Nardone, Advisor, Ministry of Science, Technology and Innovation, Argentina

Kitipong Promwong, President, Office of National Higher Education Science Research and Innovation Policy Council, Thailand

Benjamin Simmons, Founding head of the Green Growth Knowledge Partnership

11:10 – 11:15 Infotainment

11:15 – 11:45 Spotlight on Official GBS2020 Partners (European Commission)

11:45 – 15:00 Break

15:00 – 15:05 Welcome Back

15:05 – 16:05 Plenary Reporting from Workshops

16:05 – 16:10 Infotainment

16:10 – 16:40 Partner Debate

Panelists:

Christophe Bazivamo, Deputy Secretary General, Productive and Social Sectors East African Community (EAC)

John Bell, "Healthy Planet" Director in the DG Research & Innovation at the European Commission

Lloyd C. Day, Deputy Director General of Inter-American Institute for Cooperation on Agriculture (IICA)

Yoshihide Esaki, Deputy Director-General (for Science, Technology and Innovation), Cabinet Office – Japan

Yongyuth Yuthavong, Advisor to the President of Thailand National Science and Technology Development Agency (NSTDA)

16:40 – 17:10 Plenary Session 5 – PART A

Outlook and Recommendation

The Debate

Co-Chairs:

Christine Lang, Co-Chair, IACGB | CSO, BELANO Medical AG | Manager, MBCC Group

Joachim von Braun, Co-Chair, IACGB | Director, Center for Development Research (ZEF), University of Bonn

Panelists:

Vladimir Popov, Full Member of the Russian Academy of Science | IACGB

Marcelo Regunaga, Member of the Group of Producing Countries from the Southern Cone | IACGB

Charlotte Sode, Head of Sector Bioeconomy, European Commission

Flora Ismail Tibazarwa, Programm Director, Southern African Innovation Support Program (SAIS)

17:10 – 17:40 Plenary Session 5 – PART B

Outlook and Recommendation

The Debate

Co-Chairs:

Christine Lang, Co-Chair, IACGB | CSO, BELANO Medical AG | Manager, MBCC Group

Joachim von Braun, Co-Chair, IACGB | Director, Center for Development Research (ZEF),
University of Bonn

Panelists:

Johann Liebeton, Bioeconomy Youth Champion

Derk Loorbach, Director, Dutch Research Institute for Transitions (DRIFT) and Professor of
Socio-economic Transitions at the Faculty of Social Science, Erasmus University Rotterdam

Tokelo Shai, Bioeconomy Youth Champion

Klaus Töpfer, former Director General of UNEP & former federal German Minister for the
Environment

17:30 – 17:35 Infotainment

17:35 – 18:00 Farewell Coffee & Networking