



Last updated 30 November 2020

- Morning Session Program -

Plenary Session: ASEAN and its Global Collaboration on Bioeconomy

Date: 19 November 2020

Time: 09:00 am. - 10:30 am.

Room: Ballroom 1

Speakers:

1. **Biodiversity-based Products as an Economic Source for the Improvement of Biodiversity Protection**

By **Ms. Corazon A. De Jesus JR**
ASEAN Centre for Biodiversity, the Philippines

2. **OECD: Role in Bioeconomy Development**

By **Mr. Jim Philip**
Division of Science and Technology Policy, Organisation for Economic Co-operation and Development (OECD), France

3. **Green Society, Green Economy, Green Growth**

By **Mr. Jonathan Tsuen Yip Wong**
Investment and Innovation Division, United Nations Economic and Social Commission for ASIA and the Pacific Office (UNESCAP), Thailand



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- Morning Session Program -

ASEAN - Japan Collaboration on Bioeconomy and Circular Economy

Date: 19 November 2020

Time: 10:45 am. - 12:00 pm.

Room: Ballroom 1

Speakers:

- 10:45 am. - 11:00 am. **Open Innovation and Future Collaboration with ASEAN Countries**
By **Dr. Takuya Sato**
Business-Academia Cooperation Office
Ministry of Agriculture, Forestry and Fisheries , Japan
- 11:00 am. - 11:15 am. **Advanced Green Technologies for ASEAN-Japan Bioeconomy**
By **Prof. Armando T. Quitain**
Kumamoto University, JASTIP-WP2, Japan
- 11:15 am. - 11:30 am. **Biodiversity and Genetic Resources: Role in ASEAN's Sustainable Development**
By **Prof. Dr. Enny Sudarmonowati**
Indonesian Institute of Sciences (LIPI), Indonesia
- 11:30 am. - 11:45 am. **Synergy of ASEAN Countries and Japan in the Field of Energy and Environment**
By **Dr. Sumittra Charojrochkul**
National Energy Technology Center (ENTEC), Thailand
- 11:45 am. - 12:00 pm. **Q & A**

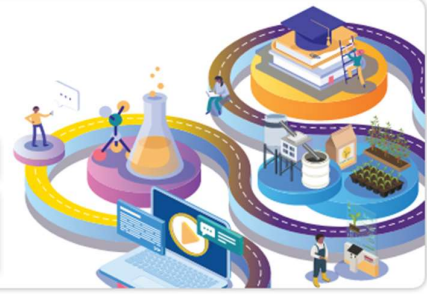
Moderator: **Prof. Eiji Nawata**

Director Kyoto University ASEAN Center, JASTIP-WP1, Japan



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- Morning Session Program -

ASEAN - China for Sustainable Bioeconomy Program

Date: 19 November 2020

Time: 10:45 am. - 12:00 pm.

Room: Ballroom 2

Speakers:

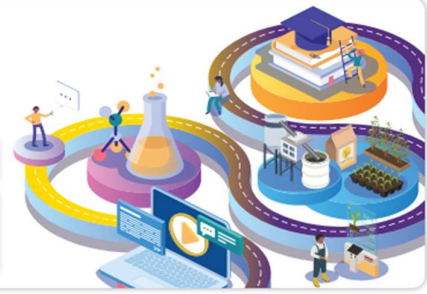
- 10:45 am. - 11:05 am. **Sustainable Urban Solid Waste Management for Eco-economy Development in Chinese Cities**
By **Prof. Dr. Chen Sha**
Standing Board Member of Eco-city Research Committee in Chinese Society for Urban Studies and Standing Board Member of Beijing Environmental Science Association, P.R. China
- 11:05 am. - 11:25 am. **Overview of the Status on Circular Economy and Bioeconomy in ASEAN**
By **Dr. Aparat Mahakhant**
Former Deputy Governor of Thailand Institute of Scientific and Technological Research (TISTR), Thailand
- 11:25 am. - 11:45 am. **Overview of the Status on Circular Economy and Bioeconomy in China**
By **Mr. Lin Hailong**
Deputy Manager/Chief Engineer
SDIC Biotech Investment Co., Ltd., P.R. China
- 11:45 am. - 12:05 am. **Circular Economy Actions: Collaboration for Sustainability**
By **Mr. Niwat Athiwattananont**
CTO-Polyolefins and Vinyl business, SCG Chemicals Co., Ltd., Thailand
- 12:05 am. - 12:25 pm. **Q & A**

Moderator: **Dr. Vasimon Ruanglek**
Innovative Alliances Manager, Siam Cement Group, Thailand



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- Morning Session Program -



ASEAN - EU Collaboration on Bioeconomy (A Part of SAFE-Aqua Symposium)

Date: 19 November 2020

Time: 10:45 am. - 12:30 pm.

Room: Ballroom 3

Speakers:

- 10:45 am. - 10:55 am. **ASEAN Collaboration: SAFE-Aqua Project Overview**
By **Prof. Frederic Tangy**
Institut Pasteur, France
- 10:55 am. - 11:15 am. **Overview Shrimp Industry (Global / ASEAN)**
By **Mr. Soraphat Panakorn**
Novozymes Aqua Industry Co., Ltd., Thailand
- 11:15 am. - 11:25 am. **SAFE - Aqua: Shrimp Genome**
By **Dr. Nitsara Karoonuthaisiri**
National Center for Genetic Engineering and Biotechnology (BIOTEC),
Thailand
- 11:25 am. - 11:35 am. **Understanding Shrimp-Microbe Interaction Using Multi-Omics
Technology for Sustainable Aquaculture**
By **Dr. Wanilada Rungrasamee**
National Center for Genetic Engineering and Biotechnology (BIOTEC),
Thailand
- 11:35 am. - 11:50 pm. **Thailand - EU Collaboration: Sustainable Bioeconomy Aquaculture**
By **Prof. Dr. Dipl-Ing Vitor A.P. Martins dos Santos**
Wageningen University, the Netherlands
- 11:50 pm. - 12:00 pm. **Shellfish Health Economy**
By **Assoc. Prof. Christopher J. Coates**
Swansea University, UK
- 12:00 pm. – 12:20 pm. **Collaboration ASEAN-EU Sustainable Aquaculture**
By **Emeritus Prof. Patrick Sorgeloos**
Ghent University, Belgium
- 12:20 pm. - 12:30 pm. **Discussion / Q & A**

Moderator: Dr. Nitsara Karoonuthaisiri

National Center for Genetic Engineering and Biotechnology (BIOTEC), Thailand



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- Morning Session Program -

**UK - Southeast Asia Research and Innovation Partnerships:
Response to Regional and Global Bioeconomy Challenges**

Date: 19 November 2020

Time: 10:45 am. - 12:30 pm.

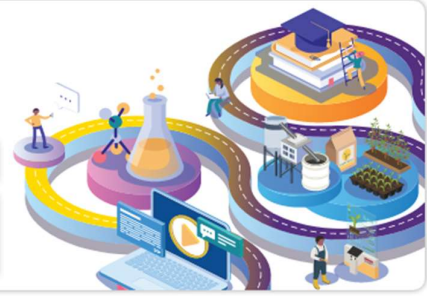
Room: The Study

- 10:45 am. - 10:50 am. **Introduction to the Session**
By **Ms. Pijarana Samukkan**
Science and Innovation Programme Manager, British Embassy Bangkok, Thailand
- 10:50 am. - 10:55 am. **Welcome Speech**
By **Ms. Alexandra McKenzie**
Deputy Ambassador
British Embassy Bangkok, Thailand
- 10:55 am. - 11:00 am. Keynote Speech
By **Mr. Jon Lambe**
UK Ambassador to the Association of Southeast Asian Nations (ASEAN), Thailand
- 11:00 am. - 11:10 am. **UK research and Innovation Collaboration in Southeast Asia: Strategy, Activities and Achievement**
By **Ms. Nicola Willey**
Regional Director
South East Asia Science and Innovation British High Commission, Singapore
- 11:10 am. - 11:55 am. **Sharings from the Region: Working Together in Science and Innovation: Response to National, Regional and Global Bioeconomy Challenges**
By
- **Dr. Rowena Guevara**
Undersecretary for Research and Development
Department of Science and Technology (DOST), the Philippines
 - **Ms. Ida Semurni**
Head of the Newton-Ungku Omar Fund Programme Malaysian Industry-Government Group for High Technology (MIGHT), Malaysia



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- **Dr. Indri Badria Adilina**
Research Center for Chemistry
Indonesian Institute Sciences (LIPI), Indonesia
- **Assoc. Prof. Matthew Chang**
Director of the Synthetic Biology for Clinical and Technological
Innovation, the National University of Singapore (NUS), Singapore
- **Prof. Prasit Palittapongarnpim**
Executive Vice President
National Science and Technology Development Agency (NSTDA), Thailand
- **Ms. Tran Thi Thu Huong**
Director General
International Cooperation Department, Ministry of Science and
Technology (MOST), Vietnam

11:55 am. - 12:00 pm. Forward-Looking & Closing

By **Mr. Jon Lambe**

UK Ambassador to the Association of Southeast Asian Nations (ASEAN),
Thailand



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- Afternoon Session Program –

GBS2020 Sessions

Date: 19 November 2020

Time: 01:30 pm. - 05:25 pm.

Room: Ballroom 1

01.30 pm. – 02.00 pm.

Special Address: **German Policy Strategy on Bioeconomy**
By H.E. Georg Schmidt
Ambassador of Germany to Thailand

02:10 pm. – 05:25 pm.

GBS2020 Sessions *(Live from Germany)*

02:10 – 02:20 pm. **Welcome & Intro**

02:20 – 02:30 pm. **Video Opening**

02:30 – 02:45 pm. **Political Addresses**

Anja Karliczek

Federal German Minister for Education and Research

Don Pramudwinai

Deputy Prime Minister & Minister of Foreign Affairs, Thailand

02:45 – 02:50 pm. **Infotainment**

02:50 – 03:25 pm. **Plenary Session 1**

Setting the Scene – New Dynamics in Bioeconomy Development

The Debate

Co-Chairs:

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

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

Panelists:

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

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

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

Elsbeth MacRae, Steering Group Member, IAC | Chief Innovation and Science Officer, SCION

Mary Maxon, Steering Group Member, IAC | Associate Laboratory Director for Biosciences, Lawrence Berkeley National Laboratory

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



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03:25 – 03:30 pm. **Infotainment**

03:30 – 04:20 pm. **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 DANN**

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**

04:20 – 04:25 pm. **Infotainment**

04:25 – 05:25 pm. **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:

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