



**Thailand's Bio-Circular-Green Economy Model:
Awareness Raising, Capacity Building and International Perspectives**

THE 3RD SEMINAR

BCG Model in the Bioenergy, Biomaterial and Biochemical Sector

26 August 2022

13.30-16.05 hrs

*Bangkok Time ICT
(Indochina time) UCT/GMT +7 hours*



Background

The Bio-Circular-Green Economy (BCG) model has been conceptualized to underpin Thailand 4.0 for inclusive and sustainable growth. It is an integration of bioeconomy, circular economy and green economy. Bioeconomy involves the production of renewable biological resources and the conversion of these resources into value-added products. Circular economy aims at reusing and recycling resources. Green economy aims to keep economy, society and environment in balance, leading to sustainable development.

The BCG model represents a strategy to drive the country's economic and social development. As such, the BCG model is expected to provide further impetus for implementation of the Sustainable Development Goals. In addition, the BCG model is expected to be a focus of discussion at the 2022 Asia-Pacific Economic Cooperation (APEC) Ministerial Meeting, chaired by Thailand.

The Royal Thai Government has sponsored a number of events to introduce the BCG model to Thailand's private sector, government officials and other stakeholders. This seminar series will build on these events by sponsoring discussions between Thai and international experts on the BCG model, its intended impacts and how international experience may have lessons for BCG as implementation moves forward. This is a logical follow-on to two national conferences on the SDGs which were delivered last year by the National Research Council of Thailand in collaboration with the United Nations (UN Thailand), Mahidol University, Ministry of Foreign Affairs, National Economic and Social Development Council, Digital Belt and Road and Asian Institute of Technology.

Objectives

- i. Provide a detailed focus on each BCG-relevant development sector through a series of four seminars, explaining how the BCG model relates to each sector and presenting case studies demonstrating actual and/or proposed application of BCG in Thailand.
- ii. Deliver a final national conference which presents the main conclusions from the four seminars and recommends priority actions and opportunities for the future application of BCG in Thailand and regionally.
- iii. Provide Government with major conclusions emanating from the national conference for their consideration and follow up, perhaps including possible relevance to the 2022 APEC Ministerial Meeting.

Main Activities

A series of four seminars will be delivered through video conferencing. The seminars will cover the four sectors on which the BCG model focuses: (i) BCG and the food and agriculture sector; (ii) BCG and the health and wellbeing sector; (iii) BCG and the bioenergy, biomaterial and biochemical sector; and (iv) BCG and the tourism and creative economy sector. Each seminar will be of approximately 2-3 hours' duration. The seminars will be run by experts in BCG and related fields. The first seminar on 'Food and Agriculture' was held on 24 June 2022; the second seminar on 'Health and Wellbeing Sector' was held on 25 July 2022. The third seminar on 'BCG Model in the Bioenergy, Biomaterial and Biochemical Sector' will be held on 26 August 2022.

A national conference will be held following the final seminar to present the major findings from the four seminars and identify priority actions and opportunities for future application of the BCG model in Thailand and regionally. As such, it is expected that people from the region, especially those involved in APEC, will also be invited to attend. Proceedings from the national conference will be submitted to Government for their consideration and follow up.

CONTACT

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Register Here





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PROGRAM

13:30-13:40

Opening messages



Dr. Wiparat De-ong
Executive Director, National Research Council of Thailand (NRCT)



Ms. Gita Sabharwal
United Nations Resident Coordinator for Thailand



Seminar Moderator

Dr. Monthip Sriratana
Project Adviser, National Research Council of Thailand; Former Deputy Permanent Secretary, Ministry of Natural Resources and Environment, Thailand

13:40-15:20

Keynote Speaker

BCG Economy Model as Energy Transition Mechanism for Thailand Carbon Neutrality 2050'



Prof. Dr. Pisut Painmanakul
Secretary to the Minister of Energy
Royal Thai Government

Speakers

Bio-Circular-Green Economy Model in Bioenergy Applications



Mr. Chaiwat Kovavisarach
Group Chief Executive Officer and President
Bangchak Corporation Public Company Limited
Thailand

Green and Sustainable Chemistry



Ms. Sandra Averous-Monnery
Acting Head, Knowledge and Risk Unit
United Nations Environment Programme (UNEP)

Bio-Circular-Green Economy Model in the Bioenergy, Biomaterial and Biochemical Sector



Dr. Kurujit Nakornthap
Executive Director, Petroleum Institute of Thailand
Foundation; Former Permanent Secretary, Ministry of Energy

Advances in Bioenergy in the Context of the Bio-Circular-Green Economy Model



Prof. Dr. P. Abdul Salam
Professor and Chair of Sustainable Energy Transition
Program, Department of Energy, Environment and
Climate Change, School of Environment, Resources
and Development, Asian Institute of Technology

15:20-16:00

Panel discussion on "Challenges, priorities, opportunities and policy implications of BCG Economy model implementation in the Bioenergy, Biomaterial and Biochemical Sector in Thailand and the APEC region taking into account international experience"



Prof. Dr. Pisut Painmanakul



Ms. Sandra Averous-Monnery



Moderator

Prof. Dr. Mario T. Tabucanon
Emeritus Professor, Asian Institute of Technology;
Visiting Professor, United Nations University
Institute for the Advanced Study of Sustainability
(UNU-IAS)



Mr. Chaiwat Kovavisarach



Prof. Dr. P. Abdul Salam

16:00-16:05

Wrap-up and closing



Dr. Monthip Sriratana

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