



Concept notes

Asia and the Pacific Regional Dialogue on Science and Technology for a Sustainable Food System

Session 3: Actions Towards More Sustainable Food System

11 August 2022 at 09:30 – 15:30 (GMT+7)

Background

In 2015, the world committed to implement the 2030 Agenda for Sustainable Development. Global crises caused by the pandemic of COVID-19, since early 2020, has disrupted efforts to achievement of the Sustainable Development Goals (SDGs) and as a consequence, the SDGs implementation process can be slowed or even reversed. The pandemic has affected several spheres of food system transformation and ability to provide nutritious food, and to contribute to enhanced livelihood opportunities in an environmentally sustainable way. Our food systems are contributing to, and affected by, extreme weather events as associated with climate change, land degradation and biodiversity loss. The United Nation's Food Systems Summit was convened last year as part of the Decade of Action to achieve the SDGs by 2030. Significant actions, measurable progress and policy recommendations leading to healthier, more sustainable, and equitable food systems were discussed. The Summit highlighted the need for partnership in the global level to transform the way the world produces, consumes, and thinks about food.

COVID-19 outbreak stressed the significance and need for us to take serious action of food system transformation to create a food securities program that is sustainable and resilient. Actions towards a sustainable food system thus requires more attention on policy and programmatic responses from all stakeholders at all levels that recognizes challenges and new evidence related to emerging issues such as healthy diet, climate change, food loss & waste, Biodiversity loss and Nature based solution.

Several efforts have focused on achieving food system transformation. Sustainable agriculture and food system became key objectives following the UN sustainable development goals (SDGs). In 2021, APEC economies adopted the Food Security Roadmap Towards 2030, which align with the Putrajaya Vision to ensures people always have access to sufficient, safe, affordable, and nutritious food to meet their dietary needs and food preferences for an active and healthy life. Thailand as the host of APEC 2022 will deliver the Implementation Plan of Food Security Roadmap Towards 2030 and food security declaration which will be an outcome of the Ministerial Meeting on Food Security in August. The Ministerial Meeting will put an emphasis on integrating the BCG concepts and the 3S (Security, Safety, Sustainability) approach in APEC's work on enhancing food security in the region.

In Thailand, the Bio-Circular-Green Economy (BCG) model has been introduced as a model for inclusive and sustainable growth. It is a growth model perceived to enable the UN Sustainable Development Goals (SDGs) through the promotion of sustainable agriculture, clean energy and responsible consumption and production, ensuring the conservation and sustainable utilization of biodiversity, and protecting the environment and ecosystem.

The BCG model is applied to promote agriculture and food industry, which is one of four major sectors in Thailand. In addition, it also supports a food system transformation to achieve food security and sustainability. However, it is difficult to reach this goal without understanding the multi-stakeholder and cross-country collaborations mechanism. Therefore, this online session will bring together experts and representatives from international organizations to present, share and discuss about Actions towards more Sustainable Food System. In addition, this session is part of seminar series of Asia and the Pacific Regional Dialogue on Science and Technology for a Sustainable Food System. Conclusions reached in this session will be presented at the APEC Tech to Biz which will be held in Bangkok during 10-12 October 2022.

Objective

This session will focus on the action in building sustainable food system and achieving SDGs through – International and regional STI research collaboration, Governments and key actor's partnerships, such as the private sector, civil society organizations, regional economic community organizations to turn policy into actions and investments in science and innovation for achieving sustainable food systems as part of actions to end hunger, achieve food security, and improve nutrition by 2030.

AGENDA

Asia and the Pacific Regional Dialogue on Science and Technology for a Sustainable Food System

Session 3: Actions Towards More Sustainable Food System

Thursday, 11st August 2022 at 9:30 – 15:00 (GMT+7)

OBJECTIVES:

1. To increase knowledge and understanding of Food Loss & Waste (FLW) and Sustainable Blue economy in APEC economies context.

2. To share experiences, identify challenges and opportunities of APEC economies regarding to reduce FLW for addressing interlinked challenges of food security and climate change and Sustainable Blue economy through STI research collaboration and exploring potential partnership with stakeholders.

09.30-09.45 (15 Mins)	Welcome Remarks <ul style="list-style-type: none">○ Mr. Somchuan Ratanamungklanon, Deputy Permanent Secretary, Ministry of Agriculture and Cooperatives○ Ms. Narong Sirilertworakul, President, NSTDA, Ministry of Higher Education, Science, Research and Innovation
09.45 – 11.45 (2 Hrs)	Session 1: Sustainable Blue economy <i>Moderated by Dr. Vanida Khumnirdpetch, Director, Bureau of Foreign Agricultural Affairs, Office of Permanent Secretary Ministry of Agriculture and Cooperatives (MOAC), Thailand</i> 1.1 Keynotes (Overview of Sustainable Blue economy policy) <ul style="list-style-type: none">○ Ms. Mónica Rojas Noack, Head of International Affairs Unit, National Fisheries and Aquaculture Service, SERNAPESCA○ Dr. Taworn Thunjai, Deputy Director-General of Department of Fisheries 1.2 Case Studies on Innovative Technologies and Best Practices <ul style="list-style-type: none">○ Dr. I Nyoman Radiarta, Chairman of the Agency for Marine and Fisheries Research and Human Resources, Ministry of Marine Affairs and Fisheries Republic of Indonesia○ Mr. Prad Kerdpaioj, Director of Sustainability, Asia at Thai Union Group PCL.
11.45-12.00 (15 Mins)	Q&A Session 1
12.00-13.00 (1 Hrs)	Lunch Break
13.00-15.00 (2 Hrs)	Session 2: Food Loss and Waste <i>Moderated by Dr. Vanida Khumnirdpetch, Director, Bureau of Foreign Agricultural Affairs, Office of Permanent Secretary Ministry of Agriculture and Cooperatives (MOAC), Thailand</i>

	<p>2.1 Keynotes <i>(Overview of food loss and waste policy, current innovative approaches to reducing FLW)</i></p> <ul style="list-style-type: none"> ○ <i>Dr. Jean Buzby, U.S. Department of Agriculture, the United States</i> ○ <i>Ms. Anuda Tawatsin, Pollution Control Department, ministry of Natural Resources and Environment</i> <p>2.2 Case Studies on Innovative Technologies and Best Practices <i>(Explore the best way to tackle the FLW challenges of the rapidly changing landscape of APEC food system)</i></p> <ul style="list-style-type: none"> ○ <i>Dr. Chin-Lin Chang, Professor, National Chung Hsing University, Taipei</i> ○ <i>Mr. Loius-Alban Batard-Durpre, LightBlue Consulting</i>
15.00-15.15 (15 Mins)	Q&A Session 2
15.15-15.30 (15 Mins)	<p>Summary & Closing Remarks</p> <p>Moderated by Dr. Vanida Khumnirdpetch, Director, Bureau of Foreign Agricultural Affairs, Office of Permanent Secretary Ministry of Agriculture and Cooperatives (MOAC), Thailand</p>