



**Asia-Pacific
Economic Cooperation**

2018/SOM2/SCE/005

Agenda Item: 3.3

Agricultural Technical Cooperation Working Group Proposed Work Plan for 2018

Purpose: Consideration
Submitted by: ATCWG Lead Shepherd



**Second SOM Steering Committee on
Economic and Technical Cooperation
Meeting
Port Moresby, Papua New Guinea
20 May 2018**

Agricultural Technical Cooperation Working Group (ATCWG) Proposed Work Plan for 2018

Introduction

In 2018, ATCWG will continually carry out a series of initiatives in response to APEC priorities aimed at promoting sustainable and inclusive growth, enhancing food security and sustainable agriculture in response to climate change, improve agricultural information sharing and cooperation in the region with regard to agricultural technology, and strengthen communications and capacity building in agricultural technology.

1. Expected Outcomes/Deliverables for 2018

1.1 Hold the 22nd ATCWG annual meeting in Port Moresby, Papua New Guinea, August 2018

The goals of this meeting are to review 2017 ATCWG activities, to discuss the key ATCWG activities in align with the 2018 APEC priority themes of the Papua New Guinea year and to discuss the next stage work plans. Economies will be invited to brief the meeting on projects which are implemented in 2018 and planned to apply in the future.

1.2 Hold a Seminar on Mechanism Building and Experience Sharing of Poverty Alleviation via E-commerce Development (China Self-funded Project)

The emerging E-commerce and its possible impact on poverty reduction in China may also be very useful for other APEC economics. Thus, it has been pertinent to share China's as well as other economies' experience, strengthen coordination, and jointly respond to regional and global poverty challenges. This project will train a group of young researchers from APEC economies on the e-commerce development and poverty reduction policies by world leading experts. Topics of poverty evaluation, the e-commerce poverty reduction mechanism, impact evaluation, and regional cross-border e-commerce will be covered in the Symposium.

1.3 Hold a Workshop on Promotion of Cooperation on Scientific and Technological Innovation in Increasing Added Value in Food Production Chain and Sustainable Development (China Self-funded Project)

Responding to the Beijing Declaration of the third APEC Ministerial Meeting on Food Security "Boost agricultural productivity and food production and availability based on sustainable development, innovation, science and technology and an enabling economic environment", the workshop aims at jointly making great efforts in the field of cooperation on scientific and technology innovation increasing added value in food production, which means not only increase food productivity, but also enhance food quality. In this collaborative process, harmonization of high yield, productivity improvement and environment-friendly and integrated design will be focused. An overarching goal is to pursue a high-level food production system with high scale mechanization, information standardization, precision and simplification within each economy, especially in developing economy.

1.4 Hold a Workshop on the Integrated Rural-Urban Development Strategy, Connecting Approaches and Policy Choices in the APEC economies (China Self-funded Project)

The urbanization of the APEC region is developing rapidly, facing the problems of unbalanced urban and rural development, rural and urban poverty, food safety and other challenges. This workshop will discuss issues in the process of rural-urban integration development, such as the flow of production factors, food security, agricultural restructuring, value chain development, international experience and supportive policies, so as to promote the rural-urban integration development in the APEC region.

1.5 Capacity Building on Management Technologies for Climate Smart Rice Cultivation in the South-East Asian and Latin American Rice Sector (Japan; Mexico and New Zealand, APEC-funded Project)

Alternate wetting and drying (AWD) is a management practice in irrigated rice that saves water and reduces greenhouse gas (GHG) emissions. AWD is being disseminated and introduced to farmers as a smart and responsible water management in South-East Asian and Latin American economies, while research activities are ongoing to identify suitable areas through biophysical and social analysis.

This project will provide rice producers and researchers in the APEC economies with the skill and better understanding of the merit of adopting an integrated management technology that combines fertilizer and organic matter management with AWD.

1.6 Hold a High Level Policy Dialogue on Enhancing Public and Private Partnership to Reduce Food Losses and Waste for a Sustainable APEC Food System (Chinese Taipei, the fifth year of the APEC Multi-year Project (MYP SCE 02 2013A))

Since 2013 this APEC 5-year project has played an active role in building consensus and experience sharing on measurement, toolkits and best practices of reducing food losses and waste through annual expert consultations and seminars. In addition to the release of “Food Loss and Waste Quantification Manual to Guide Actions and Monitor Progress in APEC,” this dialogue will discuss the specific policy areas in terms of strengthening cooperation between the public and private sectors, with the objective of achieving the goals specified in the APEC Food Security Roadmap and UN SDGs (sustainable development goals) 12.3 in the APEC region. The dialogue will also discuss the role of innovative technologies and capacity building to facilitate sustainable practices on food loss and waste reduction along the food supply chain as the key engine of inclusive growth, job creation and rural development for 2020 and beyond.

2. Itemized Work Plans for 2018

Title	Summary of Specific Plans	Mandate (Leaders/Ministers/SOM/SCE Priorities and Decisions, Strategic Plans and to ABAC recommendations)	ECOTECH Priorities and/or Host Year Priorities	Cross-fora collaboration (Within APEC and beyond APEC)
22 nd ATCWG annual meeting	1) to review 2017 ATCWG activities, 2) to discuss the key ATCWG priorities in align with the 2018 the Papua New Guinea APEC year, 3) to discuss the next stage work plans to improve the working group relevant works, 4) to brief the projects implementation in 2017 and 2018, 5) to brief the projects which are planned to apply in 2019.		Tech-Innovation/ Inclusive Growth/ Regional Economic Integration/Sustainable Growth	
Seminar on Mechanism Building and Experience Sharing of Poverty Alleviation via E-commerce Development	To share and exchange China's as well as other economies' experience, strengthen coordination, and jointly respond to regional poverty challenges via the e-commerce development and poverty reduction policies		Inclusive Growth/ Regional Economic Integration/Sustainable Growth	
Workshop on Promotion of Cooperation on Scientific and Technological Innovation in Increasing Added Value in Food Production Chain and Sustainable Development	Through tech cooperation and experiences exchanges to pursue a high-level food production system with high scale mechanization, information standardization, precision and simplification within each economy, especially in developing economy.	Beijing Declaration of the third APEC Ministerial Meeting on Food Security "Boost agricultural productivity and food production and availability based on sustainable development, innovation, science and technology and an enabling economic environment"	Tech-Innovation/ Promoting Sustainable and Inclusive Growth	
Workshop on the Integrated Rural-Urban Development Strategy, Connecting Approaches and Policy Choices in the APEC economies	To discuss issues in the process of rural-urban integration development, such as the flow of production factors, food security, agricultural restructuring, value chain development, international experience and supportive policies, so as to promote the rural-urban integration development in the APEC region.		Inclusive Growth/ Regional Economic Integration/Sustainable Growth	

Title	Summary of Specific Plans	Mandate (Leaders/Ministers/SOM/SCE Priorities and Decisions, Strategic Plans and to ABAC recommendations)	ECOTECH Priorities and/or Host Year Priorities	Cross-fora collaboration (Within APEC and beyond APEC)
Capacity Building on Management Technologies for Climate Smart Rice Cultivation in the South-East Asian and Latin American Rice Sector	This project will provide rice producers and researchers in the APEC economies with the skill and better understanding of the merit of adopting an integrated management technology that combines fertilizer and organic matter management with alternate wetting and drying (AWD).		Promoting Sustainable and Inclusive Growth	GRA (The Global Research Alliance on Agricultural Greenhouse Gases), CGIAR (Consultative Group on International Agricultural Research)
High Level Policy Dialogue on Enhancing Public and Private Partnership to Reduce Food Losses and Waste for a Sustainable APEC Food System	<ol style="list-style-type: none"> 1) To discuss the specific policy areas in terms of strengthening cooperation between the public and private sectors, with the objective of achieving the goals specified in the APEC Food Security Roadmap and UN SDGs (sustainable development goals) 12.3 in the APEC region. 2) To discuss the role of innovative technologies and capacity building to facilitate sustainable practices on food loss and waste reduction along the food supply chain as the key engine of inclusive growth, job creation and rural development for 2020 and beyond. 3) To discuss the "Food Loss and Waste Quantification Manual to Guide Actions and Monitor Progress in APEC". 	<ol style="list-style-type: none"> 1) 2012 APEC Economic Leaders' Declaration 2) 2012 Kazan Declaration on APEC Food Security 3) 2014 PPFS "APEC Food Security Roadmap towards 2020" 	Inclusive Growth/Regional Economic Integration/Sustainable Growth	PPFS