

Agricultural Technical Cooperation Working Group (ATCWG)'s Proposed Workplan for 2017

Introduction

In 2017, ATCWG will continually carry out a series of initiatives in response to APEC priorities aimed at implementing the Piura Declaration on Food Security, promote 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 2017

1.1 Hold the 21st ATCWG annual meeting in Can Tho, Viet Nam, August 2017

The goals of this meeting are to review 2016 ATCWG activities, to discuss the key ATCWG priorities in align with the 2017 the Viet Nam APEC year and to discuss the next stage work plans to improve the working group relevant works according to the recommendation of the 2016 Independent Assessment. Project overseers will brief the meeting on projects implementation in 2016 and 2017. Economies will be invited to brief the meeting on projects which they plan to apply in 2017 and 2018. In addition, the economy and location of holding the 22nd ATCWG annual meeting will also be discussed and confirmed in the meeting.

1.2 Hold a workshop on mycotoxin prevention and control in Beijing, China, October 2017 (APEC-funded project ATC 01 2016A)

This workshop is a related action for the APEC Funded Project on Advanced Capacity Building for Mycotoxin Prevention and Control in Food and Feed Commodities in Asia-Pacific, and the goals of this workshop are to promote the issues of mycotoxin prevention and control and to enhance the food security and safety in Asia-Pacific countries/regions through sharing experiences among APEC member economies and other countries/regions, working in line with APEC Food Security Roadmap toward 2020.

1.3 Hold a training course on mycotoxin prevention and control techs in Can Tho, Viet Nam, August 2017 (APEC-funded project ATC 01 2016A)

With the support of the APEC Funded Project on Advanced Capacity Building for Mycotoxin Prevention and Control in Food and Feed Commodities in Asia-Pacific, and in order to promote 2017 ATCWG activities fruitful and to support Viet Nam APEC year, China project overseer intend to hold a training meeting to share the experiences on Mycotoxin prevention and control techs application during Food Security Week in Viet Nam.

1.4 Hold a 2017 APEC Expert Consultation on Food Losses and Waste Reduction Partnership in Taipei, Chinese Taipei, June 2017 (APEC-funded project M SCE 02 2013A)

This 2-day expert consultation seeks to 1) review survey outcome on food loss and waste (FLW) education programs; 2) identify capacity building needs to increase adoption of innovative technologies and best practices; 3) evaluate the possibility to form an APEC Food Losses/Waste Accounting and Reporting Partnership; and 4) develop a capacity building program to promote the partnership and to encourage public and private sectors to collaborate and take actions in APEC region.

1.5 Hold a 2017 APEC Capacity Building Workshop on Food Losses and Waste Reduction for a Sustainable APEC Food System in Can Tho City, Vietnam, August (During the Food Security Week) 2017 (APEC-funded project M SCE 02 2013A)

This workshop is designed to 1) discuss a common framework to quantify food loss and waste (FLW) of the food chain including causes and solutions; 2) provide examples of field case studies to quantify FLW and set reduction goals for governments, local authorities, businesses, and NGOs; 3) discuss guidelines and toolkits on the development and implementation of an action plan that works collaboratively in favor of smallholders to reduce FLW; and 4) exchange experiences on FLW reduction along the food supply chain in the context of a "Sustainable Food System".

1.6 Implementing a global ePhyto system in Vietnam for paperless trade (Australia self-funded project)

This project seeks to improve Vietnam's capacity to implement the International Plant Protection Convention's (IPPC) electronic phytosanitary certification (ePhyto) system by assisting with the preliminary arrangements (e.g. legislation; technical advice, workshops etc.).

IPPC's ePhyto system aims to facilitate trade through connection to a global hub for phytosanitary certification exchange plus a Generic ePhyto National System (GeNS) for developing countries. This system will eventually replace paper-based phytosanitary certificates and could create opportunities for economies in the APEC region to undertake phytosanitary certification in an innovative, cost effective, and globally harmonised electronic environment.

1.7 Hold a workshop on urbanization and agricultural modernization in Beijing, China, April 2017 (China self-funded project)

This workshop is planned to review the process of urbanization and agricultural modernization in APEC economies, to exchange the relevant experiences on the urbanization and agricultural modernization development, to explore the model of green and low-carbon urbanization and sustainable efficient modern agriculture, and to discuss the interactions between urbanization and agricultural modernization.

1.8 Hold a workshop on agricultural scientific data sharing and serving in Beijing, China, October 2017 (China self-funded project)

This workshop will exchange and discuss agricultural scientific data sharing and serving related technologies, methods and policies, with aim to share good experiences and built cooperation mechanism, to improve agricultural research and innovation among APEC economies and to provide technical support for interconnection, cooperation and development of S&T resources in APEC region.

2. Itemized Work Plans for 2017

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)
21 st ATCWG annual meeting	1) to review 2016 ATCWG activities, 2) to discuss the key ATCWG priorities in align with the 2017 the Viet Nam APEC year, 3) to discuss the next stage work plans to improve the working group relevant works according to the recommendation of the 2016 Independent Assessment, 4) to brief the projects implementation in 2016 and 2017, 5) to brief the projects which are planned to apply in 2017 and 2018.		Tech-Innovation/ Inclusive Growth/ Regional Economic Integration/Sustainable Growth	
Workshop on Mycotoxin Prevention and Control	to promote the issues of mycotoxin prevention and control and to enhance the food security and safety in Asia-Pacific countries/regions through sharing experiences among APEC member economies and other countries/regions		Tech-Innovation	
Training Course on Mycotoxin Prevention and Control Techs	to share the experiences on Mycotoxin prevention and control techs application		Tech-Innovation	
2017 APEC Expert Consultation on Food Losses and Waste Reduction Partnership	1) to review survey outcome on food loss and waste (FLW) education programs; 2) to identify capacity building needs to increase adoption of innovative technologies and best practices; 3) to evaluate the possibility to form an APEC Food Losses/Waste Accounting and Reporting Partnership; and 4) to develop a capacity building program to promote the partnership and to encourage public and private sectors to collaborate and take actions in APEC region.	<ul style="list-style-type: none"> ● 2012 APEC Leaders' Declaration: "We are determined to ... <i>reduce post-harvest losses along the entire food supply chain.</i>" ● 2014 APEC Leaders' Declaration: " We welcome the APEC Action Plan for Reducing Food Loss and Waste" 	Food Security/ Tech-Innovation/ Inclusive Growth/ Sustainable Agriculture	Within APEC: <i>PPFS, OFWG</i> Beyond APEC: <i>EU HORIZON2020 REFRESH</i>
2017 APEC Capacity Building Workshop on Food Losses and Waste Reduction for a Sustainable APEC Food System	1) to discuss a common framework to quantify food loss and waste (FLW) of the food chain including causes and solutions; 2) to provide examples of field case studies to quantify FLW and set reduction goals for governments, local authorities, businesses, and NGOs; 3) to provide guidelines and toolkits on the development and implementation of an action plan that works collaboratively in favor of smallholders to reduce FLW; and 4) to exchange experiences on FLW reduction along the food supply chain in the context of a "Sustainable Food System".	<ul style="list-style-type: none"> ● 2012 APEC Leaders' Declaration: "We are determined to ... <i>reduce post-harvest losses along the entire food supply chain.</i>" ● 2014 APEC Leaders' Declaration: " We welcome the APEC Action Plan for Reducing Food Loss and Waste" 	Food Security/ Tech-Innovation/ Inclusive Growth/ Sustainable Agriculture	Within APEC: <i>PPFS, OFWG</i> Beyond APEC: <i>EU HORIZON2020 REFRESH</i>

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)
Implementing a global ePhyto system in Vietnam	1) To exchange phytosanitary certificates in an innovative, cost effective manner, 2). establishing a country based project team which will work with the ePhyto Steering Group (ESG) and IPPC in the installation and training on the system; conducting a detailed assessment of the workflows associated with the issuance and receipt of phytosanitary certificates; identification of potential areas where changes in these work flows may be required; and the establishment of processes for consultation with country stakeholders which will assist Vietnamese NPPO with identifying the benefits and potential impacts of implementation, 3) Future workshop option to address different domestic legal, information technology, funding and capacity development challenges confronted by the Vietnamese NPPO, 4) Future implementation of ePhyto Benefit Analytical process in Vietnam currently undertaken by the University of Peradeniya for Sri Lanka.		Tech- Innovation/Regional Economic Integration	
Workshop on Urbanization and Agricultural Modernization	1) to exchange the relevant experiences on the urbanization and agricultural modernization development, 2) to explore the model of green, low-carbon urbanization and sustainable, efficient modern agriculture, 3) to discuss the interactions between urbanization and agricultural modernization		Inclusive Growth/ Regional Economic Integration/Sustainabl e Growth	
Workshop on Agricultural Scientific Data Sharing and Serving	1) to exchange and discuss agricultural scientific data sharing and serving related technologies, methods and policies, 2) to share good experiences and built cooperation mechanism in the field of agricultural scientific data sharing and serving, 3) to improve agricultural research and innovation, 4) to provide technical support for interconnection, cooperation and development in S&T resources in APEC region		Tech-Innovation/ Inclusive Growth/ Regional Economic Integration	