

APEC Policy Partnership on Food Security (PPFS) Plenary
Meeting Day 2, 6 March 2025



Session III: Progress Report on PPFS Economy Initiatives

**2024 targeted activities and 2025 initiatives
supporting the APEC implementation plan for the
Food Security Roadmap 2030 – Chinese Taipei**

1. Updates on Food Security Policy -1

Digitalization

- ✓ Accelerate the promotion of smart agriculture by introducing automated and intelligent precision technologies and digital application packages.
- ✓ Construct a digital innovation service system for farmers to strengthen digital connection of agri-food supply chain.
- ✓ Combine big data and AI systems in key processes to ensure the quality management of agri-food products from the place of production to the table and enhance added values.

Productivity

- ✓ Integrate farmer-related and farmland dynamic databases and apply it to production planning, digital management of farmer services, precision intelligent services, and cross-domain application to improve the scheduling efficiency and division of labor.
- ✓ Integrate one-stop service model of cold chain logistics to reduce agri-food losses and waste and to stabilize the quality of agricultural products.

1. Updates on Food Security Policy-2

Sustainability

- ✓ Promote quality maintenance and recycling of agricultural production and ecological resources, and move towards sustainable agriculture.
- ✓ Strengthen cold chain and marketing mechanism to reduce food loss and reuse/recycle excess food materials
- ✓ Promote climate resilient and net-zero emission measures and build demonstration sites in response to global carbon reduction trends.
- ✓ Strengthen the conservation and management of fishery resources, improve roads and facilities to create sustainable aquaculture production and fishery environment.

Inclusivity

- ✓ Strengthen farmer counseling resources to build a multi-age rural training system and rural talent learning map for all ages to improve the linkage of rural human resource training mechanism and, promote the support system for young people returning to their hometowns.
- ✓ Revitalize rural roads and farm ponds for soil and water conservation, climate resilience and natural disaster prevention in remote mountain areas.

2. Updates on Planned APEC Initiatives



Activities supporting the Implementation Plan for APEC Food Security Roadmap toward 2030 **(17e) on Reducing Food Loss and Waste**

- ✓ **2023:** ATCWG/PPFS Initiative (ATC_01_2022) on “Reducing food loss and waste by strengthening the resilience of APEC food system and enhancing digitalization and innovative technologies”, July 20-21, 2023, Taipei.
- ✓ **2024:** PPFS Initiative (PPFS_01_2023) on “Survey and workshop on preventing and reducing food loss and waste to achieve sustainable food systems in APEC economies”, August 12, 2024, in Trujillo, Peru.
- ✓ **2025:** ATCWG/PPFS initiative (ATC_202_2024) on “Reducing Food Loss and Waste thru Packaging Innovations and Progress Review of Food Loss and Waste in the APEC Region”, to be held on 5-6 June, 2025.

Progress on APEC Initiative on 17(e) Reducing Food Loss and Waste -1



1. Status:

- Project proposal (ATCWG_202_2024) is under review
- 3 co-sponsoring economies

2. Main Objectives:

- Improve the capacity of MEs to develop knowledge and skills to reduce FLW, particularly in storage and packaging.
- Review APEC's progress through a survey to gather information on each economy's individual and collective actions.

3. Main Activities:

- **Survey** on progress
- **Workshop** for capacity building and best practices sharing
- **Progress report** of APEC MEs

Updates on APEC Initiative on 17(e) Reducing Food Loss and Waste-2



1.Time:

- Full 2-day Event
- 5-6 June, 2025

2.Place:

- TBC

3.Targeted Participants:

- **Government** agencies involved with FLW management & cross-border trade flow
- **Private businesses/NGOs/NPOs** involved with FLW reduction in food system
- **Members of academia** involved w/ FLW studies

4. Agenda:

✓ Day 1:

- Share innovations in food packaging and date labeling to prevent/reduce FLW
- Strengthen capacity to reduce FLW in storage, processing, and packaging

✓ Day 2:

- ME presentation and panel discussions on survey results and future collaborations
- Live Demonstrations
- Wrap up with feedbacks from participants