



Asia-Pacific
Economic Cooperation

The Implementation Plan for Reducing Food Loss and Waste (Draft)

Dr. Tony S.-H. Hsu

Webinar on Drafting the Implementation Plan for APEC Food
Security Roadmap 2030 17(e): Reducing Food Loss and Waste (FLW)

10 May 2022, Chinese Taipei

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The Food Security Roadmap Towards 2030

Six Key Action Areas:

- *Digitalization and Innovation (Para 7~8)* ✓
- *Productivity (Para 9~12)* ✓
- *Inclusivity (Para 13~14)*
- ***Sustainability** (Para 15~**17**)* ✓ ✓
- *Public Private Partnerships (Para 18)*
- *SMART Goals and Food Security Roadmap Towards 2030 Implementation (Para 19)*

17. To assist economies in achieving their individual sustainability goals, economies have committed to the following actions:

e) Provide capacity building and best practice sharing workshops to support member economies' individual and collective efforts to align with the UN Sustainable Development Goals 12.3 "*by 2030, halve per capita global food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses,*" with specific indicators based on each economy's respective situation such as measured by the UN/FAO Food Waste Index (FWI) or other appropriate index.

And promote public-private investment in infrastructure and cold chain to reduce the current levels of food loss and waste and review progress in this area by 2025.

Objective:

To provide capacity building and best practice sharing workshops to align with the UN Sustainable Development Goals 12.3 with specific indicators based on each economy's respective situation. And promote public-private investment in infrastructure and cold chain to reduce the current levels of food loss and waste and review progress in this area by 2025.

Individual Actions₁

The following are suggested:

(a) *Measurement and regular data collection*: Member economies may adopt the FAO's Food Loss Index (FLI), UNEP's Food Waste Index (FWI) or other appropriate index. However, it may be more suitable to devise specific indicators and set their own targets based on each economy's respective situation, even if it's on at least one type of food item or on one stage of the food supply chain.

Individual Actions_2

(b) *Coordination and communication channels:* among government agencies (e.g., Agriculture, Environment, Food and Drugs, Social Welfare); with non-profit organizations (e.g., food banks); with private sectors (e.g., agribusinesses, food manufacturers, food-related industries like hotels, restaurants, supermarkets, logistics, exporters, etc.), especially micro, small, and medium enterprises (MSMEs); with consumers (including websites dedicated to FLW, and education curriculum); with research institutes; and with other economies in their region.

Individual Actions₃

- (c) *Legislation*: food donation non-liability, food labelling, other fiscal incentives, international free trade agreements for agricultural products;
- (d) *Non-legislative projects*: FLW champions, FLW innovation awards, FLW funding, and FLW roadmaps;
- (e) *Mid-term economic and social development plans*: Include FLW in their mid-term strategic plans (every five or six years); and
- (f) *Other infrastructures*: roads, electricity, cold chain, telecommunication and internet services, and credit access boost the capacity of food systems actors across the supply chain to manage FLW.

Collective Actions₁

1. Develop, support, and implement complementary projects (APEC-funded or self-funded projects) on reducing food loss and waste within all 21 APEC economies.

- Publish a Project Report on Sustainable Materials Management of Food in the APEC Region: A Review of Public Policies that Support Reducing Food Loss and Waste (US, ATCWG)
- APEC Workshop on Farmer/Producer Perspectives of Food Waste Reduction (US, ATCWG)
- Review of Progress on Public-Private Investment in Infrastructure and Cold Chain to Reduce the Current Level of Food Loss and Waste (TBC, From the Draft Term of Reference (TOR) for the development of the Implementation Plan of Food Security Roadmap Towards 2030)

Collective Actions_2

2. Hold annual APEC-funded or self-funded FLW Workshop in June or in August during the APEC Food Security Week, to provide capacity building, best practices and economy's progress report. Main themes for the workshops may include Innovation and Digitalization towards FLW Reduction along the food value chain, FLW Reduction and Climate Change mitigation strategies, Target-Measure-Act, MSME and Informal Sector, Food Packaging and Food Safety, Food Donation Law and Policy, Coordination within the government agencies, COVID-19, Green Finance, Smart Technology, ICT, Digital and E-Commerce, Supply Chain Dynamics, Storage and Cold Chain, etc.

Collective Actions₃

3. Support and harmonize reducing food loss and waste activities, liaise with other relevant APEC sub-fora and international organizations, carry out other activities to share their best practices on FLW reduction.
4. Continuously update **APEC-FLOWS platform** (URL: <http://apec-flows.ntu.edu.tw/>) for APEC members to share innovative technologies, business opportunities, and best practices on reducing FLW.

Indicators:

Member economies may adopt the FAO's Food Loss Index (FLI), UNEP's Food Waste Index (FWI) or other appropriate index. **Specific indicator can also be developed based on each economy's situation.**

- There is no “One Size Fits All” indicator or solution.
- Specific indicator for self-improvement.

Final Remarks

The above implementation plan (Draft) was submitted to **the first small working group** for drafting the text of “the Implementation Plan of the Food Security Roadmap Towards 2030” on **28 April 2022** via virtual meeting.

“Roadmap 2030 represents the actions we believe APEC is uniquely placed to take to contribute to **our individual economies’ goals** and our collective regional success.” (Para #6)

Your comments and Inputs are very much appreciated.

References

- Summary of Activities, Findings and Recommendations from the APEC **High Level Policy Dialogue** on Enhancing Public and Private Partnership to Reduce Food Losses and Waste for a Sustainable APEC Food System (2018)
- **Final Report APEC Multi-Year Project:** Strengthening Public-Private Partnership to Reduce Food Losses in the Supply Chain (2018).
- **APEC Survey Report on Food Loss and Waste Reduction Policy (2018).**
- A Food Loss and Waste Quantification Handbook for APEC Economies (2018).
- Reducing Food Loss and Waste along the Food Value Chain in APEC during and post- COVID-19 Pandemic (2021)
- **APEC Minimizing Food Loss and Waste Survey (2021)**