- APEC 2015 Expert Consultation on
- Assessment Methodology of Fishery and Livestock Losses
- Taipei, July 16-17, 2014

Questionnaire
on
Food Loss Assessment and Inventory of Capacity Building Activities in APEC Region

(APEC/PPFS & ATCWG Multi-Year Project M SCE 02 2013A)

Ching-Cheng Chang

Chinese Taipei

OUTLINE

- **Purpose**

- **Content**
    1. **Baseline Information**
    2. **Causes , Effect, and Obstacles**
    3. **Inventory of existing program on capacity building**

Purposes

- Gain insight on the **extent and nature of postharvest losses** in all stages of the food supply chains in the APEC member economy;

- Identify **key area/target to improve data collection** and sharing along the fishery and livestock supply chains in the Asia-Pacific region.

- Gain insight on the **existing programs/projects** with regard to assessment methodology and capacity building for postharvest food loss reduction.

Section 1 Baseline Information

	Fishery (capture)	Fishery (Aquaculture)	Meat	Data Source
1. Operation Scale				
(1) Annual Production (CWE, MT)				
(1) Annual Import (CWE, MT)				
(1) Annual Export (CWE, MT)				
2. Loss % by stage (L_i)				
(1) Production				
(1) Handling				
(1) Processing				
(1) Distribution				
(1) Consumption				
3. Other Parameters				
(1) Process Ratio (U_i)				
(1) Edible Ratio (E)				
(1) Population in service area (person)				

Section 2. Causes , Effect, Obstacles

Q1. What are considered weak points in your service areas for each product in terms of seriousness of the problem

	Not serious	Slightly serious	Serious	Very serious	Extremely serious
Vegetables					
Fruits					
Fish					
Dairy					
Meat					
Egg					

Q.2 Can you specify the causes of food losses in your service area for the following categories in terms of seriousness of the problem?

1. Postharvest handling	Not serious	Slightly serious	Serious	Very serious	Extremely serious
Rough handling of produce	☐	☐	☐	☐	☐
Absence of grading and sorting	☐	☐	☐	☐	☐
Low technology level and outdated equipment					
Lack of Ice					

Q. 3 What are the major obstacles in solving the problem of postharvest food losses in your service area?

Technology	
Service / support	
Organization / management	
Training/ education	

Section 3. Knowledge Infrastructure

Q.4 Please indicate which institutes have or could have a role in building up a knowledge infrastructure on the subject of post-harvest losses in the perishable food supply chain? (R&D, training & education, extension services)

3. Fish	
4.Meat, Egg, & Milk	

Q. 5 Are you aware of any program or project in your economies that are defined with the purpose of reducing post-harvest food losses?

Product Type	Name of the project/program
Meat	Project #V1
	Project #V2
	Project #V3

Program/Project Template

#V1. (Vegetable) : (Name of the project/program)	
Year of launch & completion	Launched: Finished:
Location	Economy: Area:
Objectives	
Beneficiary	
Mechanism	
Cost/Budget (in kind/in cash)	
Partners (public, private, NGO, etc)	
Expected Outcomes	
Post Evaluation (Problems/Obstacles)	

Thank You
&
Comment Welcome

Contact: Ching-Cheng Chang

Email: Emily@econ.sinica.edu.tw

Emily33662666@gmail.com