



**Asia-Pacific  
Economic Cooperation**

---

**2012/SOM2/OFWG/029**

Agenda Item: III.A.1

**Potential Contribution of Small Pelagic Fish to Food  
Security within the Asia Pacific Region  
(FWG 01/2011A)**

Purpose: Information

Submitted by: Peru



**1st Ocean and Fisheries Working Group**

**Meeting**

**Kazan, Russia**

**24-26 May 2012**

Project: FWG 01/2011A

## **Potential Contribution of Small Pelagic Fish to Food Security within the Asia Pacific Region**

APEC Strategic Partners: Perú in coordination with The Philippines and Indonesia

APEC Co-sponsor Economies: China Taipei, Chile and USA

2012

### **Main Goal**

Contribute to the long-term food security in Indonesia and The Philippines by offering a sustainable source of high-quality protein at low cost, providing examples to other APEC economies.

## Objectives

1. Investigate the dietary protein requirements of the human population in The Philippines and Indonesia, and identify the most vulnerable populations to food insecurity
2. Determine the capacity of small pelagic fisheries to satisfy the protein demand for direct human consumption
3. Analyse the supply chain of small pelagics to identify possible barriers in the productive process and estimate production costs
4. Study human consumption habits of small pelagics in The Philippines and Indonesia
5. Assess the potential of small pelagics to cover the protein demand of human populations in The Philippines and Indonesia

## Objectives

7. Propose strategies to encourage direct human consumption of small pelagics, particularly in vulnerable populations
8. Share the progress of Peru in research, management, supervision, and regulations of small pelagic fisheries to identify initiatives that can be applied to control and regulate the fisheries of the Case Study Economies
9. Share the Peruvian experience in:
  - Technology for added value products of direct human consumption
  - Market strategies to encourage direct human consumption

# Methodology

## 1. Desk-based research –

- Literature review
- Fieldwork planning
- Virtual questionnaire for the initial data collection

← We are here

## 2. Fieldwork –

*Case studies, The Philippines and Indonesia*

- Workshop with stakeholders
- Interviews with key stakeholders
- Surveys on human consumption habits
- Visit the main ports, processing plants and markets for small pelagics

*Visit from representatives of The Philippines and Indonesia to Peru*

- Workshop to validate the information collected during fieldwork
- Visits to IMARPE, ITP, Peruvian Fisheries National Authority, etc.

# Process

**Desk-based research** (apr, may) ↔ Strategic Partners  
Indonesia + Philippines



## Fieldwork

Case study 1: THE PHILIPPINES (15 jun – 6 jul)

Case study 2: INDONESIA (7 jul - 7 aug)

Visit to Peru of the representatives from Indonesia and The Philippines (sep)



**Meeting to discuss Preliminary Results** (september)



**Mid-term evaluation** (october)

Identify possible missing information. Propose technical visits to Peruvian research centres and governmental institutions



**Prepare final report and send to Indonesia and The Philippines** (nov, dec)



**Dissemination and evaluation of the results** (enero)

**Contact Details of the Responsible Economy**

Responsible Economy: Peru, Ministry of Production,  
Office of the Vice-Ministry of Fisheries

Project Overseer: JOSE E. ALLEMANT SAYAN

Office: PROPESCA-DVP (Ministerio de la Producción)  
Address: Calle Uno Oeste Nro.60 San Isidro  
Telephone: (511) 616-2222 extensión 1635  
E-mail: jallemand@produce.gob.pe; jeasbiol@hotmail.com  
c.c.: dsu@produce.gob.pe;

**Coordination with Strategic Partners:**

**The Philippines**

- Jessica Muñoz – Bureau of Fisheries and Aquatic Resources

**Indonesia**

- Sitti Hamdiyah – Ministry of Marine Affairs and Fisheries