



Philippine Cold Chain Project (PCCP) Innovative Technologies and Best Practices for Public-Private Partnerships

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PHILIPPINE COLD CHAIN PROJECT (PCCP)

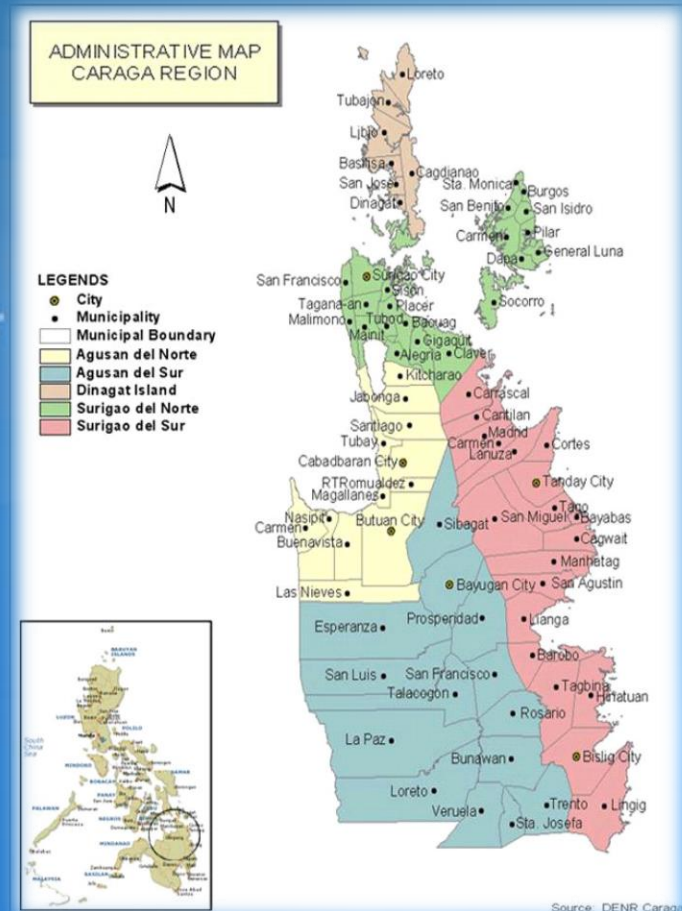


What is PCCP?

- The Philippine Cold Chain Project is a four-year agriculture development project funded by the United States Department of Agriculture (USDA) and implemented by Winrock International Institute of Agriculture Development (Winrock).
- PCCP covers all the five Provinces in the Caraga Region of northern Mindanao and works directly with agricultural coops and groups, agricultural producers (farmers and others), and agribusiness owners in the meat, fish, horticulture, and other value-chain related sectors.

The Project Area CARAGA Region

- *6 Cities*
- *5 Provinces*
- *Municipalities*
- *260 barangays*



What is the USDA FAS Food for Progress Program?

The Food for Progress Program helps developing economies and emerging democracies modernize and strengthen their agricultural sectors. U.S. agricultural commodities donated to recipient economies are sold on the local market and the proceeds are used to support agricultural, economic or infrastructure development programs.



Working with government agencies and private partners, PCCP works to create and strengthen producers' groups to increase agricultural production that meets international food safety requirements through:

- provision of improved technologies
- developing cold chain related markets, and
- strengthening intermediate organizations.

Our goal is to meet the following two strategic objectives:

1. Increased Agricultural Productivity.

PCCP works to improve productivity of selected high value commodities such as vegetables, bananas, mangoes, livestock and fisheries.

Interventions include increasing area of utilization, yield per area, and reduction of post harvest losses.

2. Expand Trade of Agricultural Products.

It focuses on the downstream portion of the value chain which from farm to plate adding value to products, opening up higher value markets, facilitating exchange of goods and promoting use of cold chains.

Mutually Beneficial Partnerships

Broad partnerships are the key to solving broad challenges. When **governments, the United Nations, businesses, philanthropies and civil society** work hand-in-hand, we can achieve great things.

Ban Ki-moon (IFAD 2013 Governing Council meeting titled “Power of Partnerships)

Project Reach as of March 31, 2015

| | |
|--|-------|
| Total No. of Municipalities | 35 |
| Total No. of Producers Groups and Cooperatives | 124 |
| Total number of participating families | 4,791 |

Training Sessions

| | |
|------------------------------|-------|
| Number of Training Sessions | 397 |
| Total Number of Participants | 4,506 |



Pilmico Subcontract Signing Event in Manila



5. SUBGRANT AMOUNT-PIG REPOPULATION

The total estimated cost of this subcontract is PHP 31,105,723. Winrock PCCP will provide PHP8,190,000.00 (equivalent to not more than US\$188,000.00), and Pilmico will provide PHP 22,915,723.00 as match (\$509,238)

55 Barangays this year.



Esperanza Farmer Field School Graduation





Summary per Commodity

| Field | Type of Commodity | No. of beneficiaries | Loan Amount |
|--------------|-------------------|----------------------|-------------------------|
| Horticulture | Bittergourd | 8 | Php 91,332.00 |
| | Bell pepper | 2 | Php 20,444.00 |
| | Mango | 5 | Php 584,750.00 |
| Livestock | Hogs | 36 | Php 3,190,295.00 |
| Aquaculture | Prawn | 6 | Php 395,638.15 |
| | Lobster | 108 | Php 4,023,499.20 |
| Total | | 165 | Php 8,305,958.35 |

Southeast Asian Fisheries Development Center and Northern Mindanao School of Fisheries



Cold Chain Association of the Philippines

www.ccaphils.org

Global Cold Chain Alliance

www.gcca.org

International Affiliation of Refrigerated
Warehouses

World Food and Logistics Organization

Installation and Deployment of Post Harvest & Cold Storage Facilities

-  **POST HARVEST FACILITIES & MARKETING CENTER**
-  **ICE PLANTS AND COLD STORAGE FACILITIES**
-  **SLAUGHTERHOUSE DEVELOPMENT**

2 – Tons Capacity Ice Plant, with Cold Storage, and fish processing center, Municipality of Marihatag, Surigao del Sur



DINAGAT ISLANDS

AGUSAN DEL NORTE

AGUSAN DEL SUR



PCCP Partnerships:

- D A/BFAR
- DTI Regional and Provincial- SSF
- Municipalities and Municipal Agriculture officers- BUB-260 Barangays
- Provincial Governments
- DSWD-4Ps
- DOST
- NMIS
- TESDA
- Department of Agrarian Reform
- Philippine Port Authority and DBP

PCCP Observations:

1. Cost drives production. Agricultural credit must be readily available.
2. Many different government agencies are funding parts of production or marketing but there is very little intra agency coordination.
3. Production needs to be increased at the same time as marketing opportunities are increased.

PCCP Observations:

4. Producers need to know where they will sell their produce, how much it will cost and what their potential profit margin will be before starting to raise anything.
5. Sukis/middlemen serve a useful purpose but they are not the producer's friend and do not give producers best potential price.

PCCP Observations:

6. Producers are good at producing but have a very limited knowledge or resources available regarding marketing.
7. High quality inputs (piglets, fingerlings, fruit trees) are in short supply.
8. There are no cold store warehousing facilities available in the Caraga Region.

PCCP Observations:

9. While some places are better than others, all municipal markets practice unsanitary standards, especially regarding meat and fish.

10. Modern supply chains demand a regular and consistent supply of perishable food products.

11. Each high value commodity has its own peculiarities regarding places where the chain needs repair.

Good partnerships create great progress and provide opportunities for producers that would not be available to one group, government agency or business working alone.

Thank You!

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