

# CARRD Muscovado Mill Plant Design

## *Professional / consultancy services*

**Location** : Barangay Caybunga in  
Balayan, Batangas  
**Date** : September 2007 - 2008  
**Client** : Center for Agrarian Reform  
and Rural Development  
(CARRD)

### Project partners

- Nagkakaisang Mamamayan sa  
Kanlurang Batangas Multi-  
Purpose Cooperative  
(NAGKASAMA MPC)

### Funding support

- Center for Agrarian Reform and  
Rural Development (CARRD)

### Contract / agreement value

- PHP 49,920



*The completed muscovado mill plant in Balayan, Batangas*

## Project brief

The Center for Agrarian Reform and Rural Development (CARRD) commissioned TAO-Pilipinas to design a muscovado sugar processing plant located in Barangay Caybunga, Balayan, Batangas. Considered as the first small scale muscovado sugar processing plant in the country, the CARRD Muscovado Sugar Processing Plant aims to support the production of organic muscovado sugar for NAGKASAMA (Nagkakaisang Mamamayan sa Kanlurang Batangas), a multi-purpose cooperative of sugarcane farmers' federation from the municipalities of Balayan and Tuy in Batangas.

TAO-Pilipinas designed the plant building according to the plant process flow specifications by the Department of Science and Technology (DOST) and following the Criteria for Good Manufacturing Practices (GMP) and Hazard and Critical Control Points (HACCP) requirements. The approximately 400 square meter processing plant for organic sugarcane farming provides an alternative milling destination for members of the NAGKASAMA MPC. The blessing of the plant was held on March 2009.

### Project outputs

- Architectural Design
- Structural Design
- Sanitary System Design

{ End of Project **0803** Profile }