



FLOFA–FLORIDA–LUBAO ORGANIC FARMERS ASSOCIATION INC.

INTENSIFYING RESPONSIBLE ORGANIC FARMING FOR ADVANCING GREEN ECONOMY



## FLOFA History

- FLOFA–Florida–Lubao Organic Farmers Association Inc. known as FLOFA of Pampanga
- Currently with 92 members
- Accredited by DOLE in March 2012
- Registered with SEC in October 2012

- Member, Pampanga Chamber of Commerce
- Affiliated with DTI, DA, DOST, ATI,PHILMECH, PSAU, CLSU, UP ISSI and in partnership with different farmer's organization within the region

## VISION

- Harmonizing with MOTHER NATURE and the Global Market

## MISSION

- Living Healthy and Green
- Spreading the benefits of organic farming
- Uplifting the livelihood of farmers
- Uniting and sustaining the organic community locally
- Increasing the production of organic products in the market locally and globally

## CORE VALUES

1. EXCELLENCE. We produce and deliver our goods with great excellence.
2. SERVICE. We are committed to serve best our clientele.
3. TRUSTWORTHY. Our products and services can be trusted in terms of quality, safety, accuracy, consistency, and efficiency.

## GOALS

- Health and wellness
- Industry Partnership
- Community Outreach
- Peace and harmony with nature

## Organization Chart



## Committees



## FLOFA PROJECTS

1. PHILMECH National: Organic Rice Processing
2. DTI Pampanga: Organic Fertilizer Production
3. D.A. Region 3: Sweet Potato Production/ Peanuts

## 1. PHILMECH National: Organic Rice Processing

- Components: Rice Dehuller, Flatbed Dryer, Moisture Meter, Cocoon
- Upgrading: In-house Toll Packing and Packaging







## 2. DTI Pampanga: Organic Fertilizer Production

- Components: 8-in-1 Heavy Duty Shredder, bascula, 2 bag sacker, compost bin, 2 pallet lifter
- Value Chain Analysis
- Processed Fruits and Nuts Cluster
- Promoting Green Economic Development





Coco Coir



Coco Dust

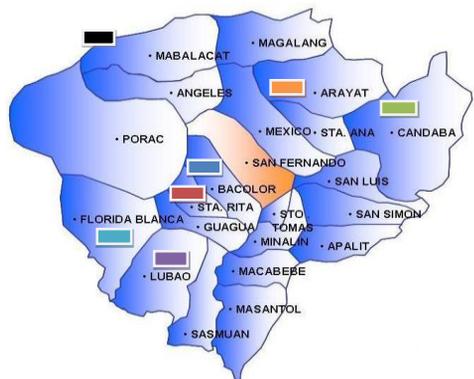


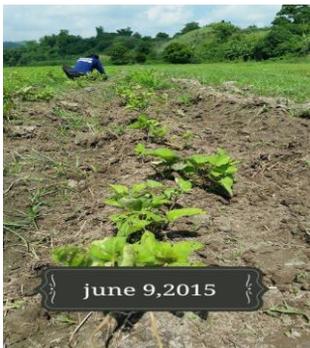


### 3. D.A. Region 3: Sweet Potato Production

- Components: 500K clean planting materials, 6 rolls of 2" hose 100 meters long, 200 bags of organic fertilizer, 1 shallow tube well

LEGEND	AREA(HECTARE)	FLOFA MEMBER
	MABALACAT 1 HA	Jonathan Andrew Z. Tiglao
	BACOLOR .5 HA	Florentino B. Mercado
	1 HA	Randy Manalang
	STA.RITA 1 HA	Charito Aguiluz
	CANDABA .5 HA	Jojo Paguinto
	LUBAO .5 HA	Onofre Macaspac
	.5 HA	Felicissimo Macaspac
	.5 HA	Diosdado Macaspac Jr
	.5 HA	Mike Dayrit
	FLORIDA BLANCA .5 HA	Maria Vilma Mayores
	2 HA	Robert Dimzon
	4.5 HA	Indegenous People (I.P'S)
	ARAYAT .5	Dr. Quizon

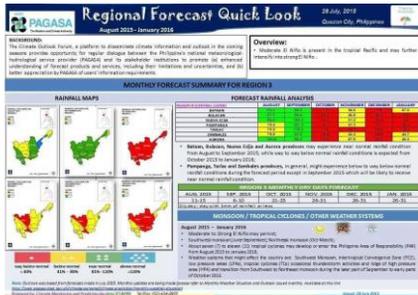








# EL NINO UPDATE



Due to ASEAN Integration for us to be competitive, we are in the process of complying with the standards

1. Accreditation
2. Organic Certification
3. GAP Certification
4. To become a Certifying Body ISO/IEC 17065:2012

## FLOFA CORPORATE SOCIAL RESPONSIBILITY

1. Transfer of technology on organic farming to the children of farmers out of school youth.



2. Private Public Partnership with Collegio De Sta Cruz, FLOFA, East West Seed Co. introducing Organic Farming to K-12 students, teachers and parents







3. PPP w/ Sta. Cruz Parish Church in introducing Organic Farming to household
4. PPP w/ Barangay Sta. Cruz Public Market on Coconut Waste for our Organic Fertilizer Production
5. FLOFA to provide Citronella seedlings to Barangay Sta. Cruz for streets with dengue outbreak

6. Bridged the gap between Indigenous People (IPs) in Porac and D.A. Region 3. HVCDP gave them hand tractor with implements and trailer in the name of FLOFA
7. FLOFA was able to introduce and transfer the organic farming system to IPs members
8. Joined IPs as official members and are exempted in paying membership fees, monthly and annual dues. The IPs receives the same benefits of all regular FLOFA members

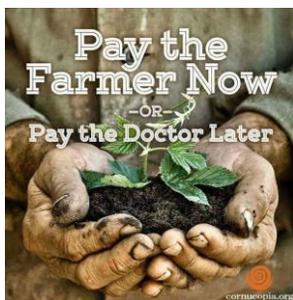






## INTEGRATED DIVERSIFIED ORGANIC FARMING SYSTEM

- ▶ IS A WHOLE FARM MANAGEMENT SYSTEM WHICH AIMS TO DELIVER MORE SUSTAINABLE AGRICULTURE
- ▶ IT INVOLVES ATTENTION TO DETAIL AND CONTINUOUS IMPROVEMENT IN ALL AREAS OF FARMING BUSINESS THROUGH INFORMED MANAGEMENT PROCESSES
- ▶ COMBINES THE BEST OF MODERN TOOLS AND TECHNOLOGIES WITH TRADITIONAL PRACTICES ACCORDING TO A GIVEN SITE AND SITUATION
- ▶ MEETING THE FOOD SELF SUFFICIENCY



## AN APPEAL FOR A POLITICAL SIGNAL TO BOLSTER THE ROLE OF ORGANIC FARMING

- ▶ 20 YEARS OF POSITIVE DEVELOPMENT IN ORGANIC FARMING STAND UNDER THREAT. RESTRICT GROWTH IN ORGANIC FARMING DESPITE THE RISING GROWTH AND NOT CERTAIN WHETHER QUITE A NUMBER OF ORGANIC AGRICULTURAL BUSINESSES WILL BE ABLE TO SURVIVE IN THE FUTURE. THE COUNCIL FOR SUSTAINABLE DEVELOPMENT RECOMMENDS THAT THE ORGANIC FARMING SECTOR ALIGN ITS PRACTICES WITH THE PRINCIPLES OF A GREEN ECONOMY AND EXPLORE NEW PATHS FOR DOING SO.

## GREEN ECONOMY

- ▶ Implementations of green economic principles is a long term strategy for moving national economies out of crisis.
- ▶ 3 Objectives
  1. Economic recovery
  2. Poverty reduction
  3. Reduced carbon emissions and ecosystem degradation

The greening of Agriculture, Industry and Services is also crucial for satisfying demand of an urbanizing global population for higher living standards while adjusting to increasing environmental constraints. In Agriculture and Food Sector investments should aim at improving food and nutrition security and livelihoods while reducing emissions and other negative environment impacts along the entire food chains through :

- ▶ Reducing farm-to table transport distances.
- ▶ Sound soil and nutrient management, including reduced use of chemical fertilizer and pesticides and promotion of organic agriculture.
- ▶ Efficient harvesting and water use.
- ▶ Reducing the environmental impacts of animal husbandry.
- ▶ Enhancing production system resilience and associated biodiversity functions such as pollinators and pest predators.
- ▶ Enhancing vulnerable community resilience through livelihood protection development and productive safety nets interventions

- ▶ Strengthening market and risk management opportunities for the most vulnerable.
- ▶ Intensifying transformational landscape interventions including through climate smart agriculture approaches.
- ▶ Conserving genetic resources
- ▶ Reducing post harvest losses
- ▶ Improving processing
- ▶ Sustainable diets
- ▶ Reducing food waste at final sales and consumer levels.

- ▶ LEVELS IN MONITORING FOR MICRO, SMALL AND MEDIUM ENTERPRISES (MSMEs)
- ▶ IMPLEMENTING ENVIRONMENT FRIENDLY AND CLIMATE SMART ACTIVITIES ON GREEN ECONOMIC DEVELOPEMENT.

## A. MANAGEMENT LEVEL

- prepared and approved a policy or action plan to implement environment friendly practices
- designated team or staff to implement the green policy or action plan
- trained staff to implement the green policy or action plan
- prepared and implemented a system to monitor the implementation of the green policy or action plan
- prepared and implement a communication strategy on green practices to stff and clients

## B. OPERATIONAL LEVEL

### Energy Efficiency and Renewable Energy

- Constructed new buildings or renovated building following a green design ( natural daylighting, natural ventilation, insulated buildings, light colored roof etc.)
- Replaced incandescent bulbs with compact fluorescent light bulbs (CFLs) and/or light emitting diode (LED)
- Practiced turning off lights in unoccupied workspaces/rooms
- Planted trees and ornamentals around the building for natural shading
- Practiced setting thermostat of air conditioning unit between 23 and 25 degrees Celsius
- Used electric fan instead of air conditioning
- Used energy efficient appliances ( inverter air con, energy certified appliances, etc.)
- Practiced unplugging of all appliances and equipment when not in use
- Used solar water heating system
- Practiced periodic maintenance check and servicing of appliances and equipment
- Used renewable energy sources (photovoltaic technology, etc.)

## WATER SAVINGS and WASTE WATER MANAGEMENT

- ❑ Reduced water loss by implementing good water management practices ( conducting regular leakage checks of pipes, fixing leaky taps and pipes, turning off faucets when not in use, replacing faulty/ old equipment to water efficient equipment, etc.)
- ❑ Reduced overall water consumption by installing water efficient equipment ( ultra low flush toilets, spray nozzles, waterless urinals, faucet aerators, faucet sensors or push water tap, pressure reducing valves, low flow showerheads, etc.)
- ❑ Installed rain water harvesting system
- ❑ Practiced waste water management ( reed bed system, mechanical )



## SOLID WASTE MANAGEMENT

- ❑ PRACTICED WASTE SEGREGATION
- ❑ PRACTICED COMPOSTING AND VERMICULTURE
- ❑ PRACTICED UPCYCLING OF WASTE (DEVELOP NEW PRODUCTS OF HIGHER VALUE FROM WASTE MATERIALS)
- ❑ USED RECLAIMED MATERIALS ( USED DEBRIS AND OLD WOOD FOR ARCHITECTURAL COMPONENTS )
- ❑ PRACTICED PROPER DISPOSAL OF HAZARDOUS WASTE
- ❑ REDUCED USE OF PLASTICS ( PACKAGING MATERIALS,SUPPLIES, ETC.)



## ENVIRONMENT FRIENDLY TRANSPORT

- ❑ INTEGRATED THE USE OF BICYCLES AS ONE OF THE MODES OF TRANSPORT
- ❑ USE GREEN VEHICLES ( ELECTRIC VEHICLES, HYBRID VEHICLES, ETC . )
- ❑ OPTIMIZED TRIPS OF VEHICLES
- ❑ PRACTICED CAR POOLING



## ENVIRONMENT FRIENDLY SUPPLY AND LOCAL PROCUREMENT

- ❑ BOUGHT LOCALLY PRODUCED SUPPLIES AND MATERIALS
- ❑ REPLACED IMPORTED SUPPLIES AND MATERIALS W LOCALLY PRODUCED ONES
- ❑ PRACTICED BULK BUYING
- ❑ BOUGHT CHEMICAL FREE SUPPLIES AND MATERIALS
- ❑ PRODUCED ENVIRONMENT FRIENDLY FOOD AND NON-FOOD PRODUCTS (VEGETABLES, FRUITS, OILS, SCENTS,ETC.)
- ❑ INTRODUCED NATURALLY OR ORGANICALLY GROWN PRODUCTS
- ❑ INFLUENCED SUPPLIERS TO ADOPT GREEN PRACTICES.



## NATURAL RESOURCE MANAGEMENT

- PROTECTED NATURAL RESOURCES WITHIN THE VICINITY OF THE BUSINESS ( AVOID CUTTING TREES, TREE PLANTING, RIVER AND BEACH CLEAN - UP, ETC.)
- ORGANIZED AND/OR PARTICIPATED IN ENVIRONMENT PROTECTION AND PRESERVATION COMMUNITY ACTIVITIES ( TREE PLANTING ACTIVITIES, RIVER AND OCEAN CLEAN - UP, TREE NURSERY ESTABLISHMENT, ETC.)
- USED INDIGENOUS TREES IN TREE PLANTING ACTIVITIES

## MATERIAL EFFICIENCY

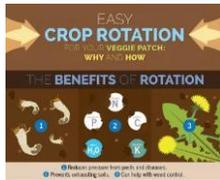
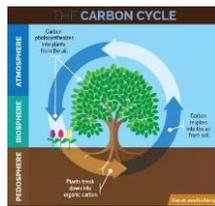
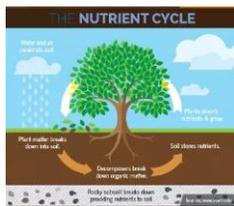
- REDUCED RAW MATERIAL CONSUMPTION IN HE PRODUCTION PROCESS
- REDUCED FOOD-WASTE PRODUCED IN KITCHEN OR CAFETERIA
- MINIMIZED MATERIALS FOR PRODUCT PACKAGING AND/OR DEVELOPED APPROPRIATE PACKAGING MATERIALS
- UTILIZED PRODUCTION WASTE IN DEVELOPING NEW PRODUCTS

## BENEFITS THAT YOU CAN REALIZE AFTER IMPLEMENTING GREEN MEASURES

- DECREASED PRODUCTION COST ( MATERIALS, FUEL, WATER, POWER )
- INCREASED SALES
- DEVELOPED GREEN OR INNOVATIVE PRODUCTS
- DEVELOPED GREEN MARKETS







## Markets





**BIG "C"**

**BIG  
CHANGE!**

**CHANGE for  
EXCELLENCE**

HUMAN BEINGS ARE AT THE CENTRE OF  
CONCERNS FOR SUSTAINABLE DEVELOPMENT.  
THEY ARE ENTITLED TO A HEALTHY AND  
PRODUCTIVE LIFE IN HARMONY WITH NATURE.

**WAVE**



**WONDERFUL  
ACT OF  
VALUING THE  
ENVIRONMENT**

**Thank You  
and  
GOD BLESS US**

