Cooperative Enterprise Development via Nucleus and Satellite Organic Farm Clusters and Value Chain Modalities

KASAMA KA Organik Kooperatib
Sustainable Agriculture and Organic Farmers' Cooperative
San Pedro 1, Malvar, Batangas, Philippines

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MEMBER: IFOAM

The Villegas Farm Complex: Three Blessings in One Organic Haven

The Villegas Organic and Hobby (VOHO) Farm as Nucleus or Core Farm

The Sustainable Agriculture and Entrepreneurship (SAGE) Learning Center

The Kasama ka Organik Kooperatib (Sustainable Agriculture and Organic Cooperative)

The Villegas Organic and Hobby Farm (VOHO)

- 0.5 ha hub of best organic and natural farming technologies and practices in Integrated and Diversified Crop-Livestock-Fish farming systems
- Houses the Sustainable Agriculture and Entrepreneurship (SAGE) Learning Center and KKOK cooperative;
- 1.3 ha Organic Seed Farm;
- 1.7 ha Rice-Based Integrated Organic Farming Systems Demonstration and Commercial Production Farm;
- Fourteen (14) Farm Lots in 2.5 hectare Malvar Organic Eco-Farmville (one model farm lot with bamboo house and organic gardens)

The Sustainable Agriculture and Entrepreneurship (SAGE) Learning Center

The SAGE Learning Center is the Training and Capacity Building ground for farmers, farming and agribusiness enthusiasts, hobbyists, as well as children & youth, health enthusiasts & professionals who seek nature-friendly technical knowledge and practical/hands-on application of new farming techniques & technologies and agro-based livelihood and employment systems.

Kalipunan ng Sustenableng Agrikultura at Magsasakang Organikong Kooperatiba

Organized by people with **passion, commitment** and **conviction** in promoting, developing and advancing the practice of **Sustainable, Organic** and **Ecological** (SOE) Agriculture.

VISION of KK OK

To be a progressive umbrella cooperative in Batangas and CALABARZON, with membership of organic farmers and outreach network cooperatives that adhere to Organic Agriculture Principles following the **Nucleus and Satellite Organic Farm Cluster** (NUSOFAC) and **Supply and Value Added Chain** (SVAC) optimization modalities.

To promote, demonstrate and popularize the Nucleus and Satellite Organic Farm Cluster (NUSOFAC) and Supply and Value-Added Chain (SVAC) optimization.

MISSION

The Nucleus and Satellite Organic Farm Cluster (NUSOFAC) Business Model

NUSOFAC - a cluster or agglomeration of dynamic and mutually reinforcing **NUCLEUS** (**CORE** or **LEAD)** Organic Farm and **SATELLITE small** farms located within a specified command area of the **NUCLEUS FARM** and/or a network of **OUTREACH ORGANIC FARMS** that could be both transformed into a new nucleus farm with its own command areas capable of operating progressively and sustainably.

NUSOFAC IMPLEMENTATION

Nucleus Farm: Villegas Organic Farm Complex

NUSOFAC IMPLEMENTATION

International Federation of Organic Agriculture Movements (IFOAM)
Korean Federation of Sustainable Agriculture Organizations (KFSA)

The Nucleus Farm

Characterization and Functions of the KKOK Nucleus Farm

- Plans and coordinates pre-production, production, post-harvest, inbound and outbound logistics, volume and delivery schedules, marketing, sales and distribution management within the supply and value added chain;
- Provides structures and facilities for organic materials and inputs production, production and post-harvest handling, product assembly, consolidation and pre-processing of farm produce of satellite farms;

The Nucleus Farm

Characterization and Functions of the KKOK Nucleus Farm

- Provides/out sources validated production and post-harvest technologies and practices;
- Provides/out sources seeds and organic materials/farm inputs;
- Provides/out sources technical /credit assistance;
- Provides training and capacity building of farm operators, farm managers, technicians, foremen, marketers and laborers (skilled and unskiled).
- Provides assistance in, and support to, organic inspection and certification services. (1st, 2nd and 3rd Party Certification under Participatory Guarantee System of Organic Integrity based on national and global standards and protocols)

The Satellite Farm Networks

Characterization of Satellite Farms

- A farmer-owned/operated or cooperative-managed farm;
- 100 sqm to 5-hectare family farm;
- can be transformed into an agro-ecologically, socio-economically viable and sustainable farming system;
- devoted to integrated organic crops and diversified livestock and/or fish production.

The Satellite Farm Networks

Responsibilities of Satellite Farmers

- Commitment to follow organic principles and practices SOEA;
- Production of assigned commodities according to technology and practices protocol, target volumes, specification and schedules; and
- Submits himself to follow organic standards and agrees to implement PGS for organic production and processing.

NUSOFAC FRAMEWORK

NUSOFAC FRAMEWORK

NUSOFAC IMPLEMENTATION

NUSOFAC Agribusiness Enterprise and Ecology Models and Location of Satellite Farms

Urban Diversified Organic and Ecology Gardens

NABCOR-Fairmont Homeowners Association, Fairmont Sub Division, Barangay North Fairview Quezon City – a 3,000 m2 subdivision open space

Monitoring Sessions and Project Site Validation

Fermented Plant Juice Preparation

NUSOFAC IMPLEMENTATION

NUSOFAC Agribusiness Enterprise and Ecology Models

Urban Organic and Ecology Garden

NABCOR-Cong. Quimbo SSS Village, Marikina City– a 3,000 m2 CITC-DTI open space

KKOK Officers, NABCOR Representatives, and Project Beneficiary

Poultry House

Herbal, Culinary and Medicinal Plots

Vertical Garden

Drip Irrigation

NUSOFAC IMPLEMENTATION

NUSOFAC Agribusiness Enterprise and Ecology Models

LGU-DA-KKOK NUSOFAC LINKAGE Model (Malvar, Tanauan, Balete, Talisay Township LGUs)

- Awareness and orientation seminar on SOEA (110 farmers from 4 towns)
- Two days intensive hands-on training (28 Farmers)
- 8 Initial Command Satellite Farms
- Production and Marketing Arrangements

NUSOFAC IMPLEMENTATION

NUSOFAC Agribusiness Enterprise and Ecology Models

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Hands-On Organic Farming Training of Barangay Council and Municipal Agriculturists

NUSOFAC IMPLEMENTATION

NUSOFAC Agribusiness Enterprise and Ecology Models

Malvar LGU-KKOK Linkage on Poultry and Piggery Waste Pollution Control

NUSOFAC IMPLEMENTATION

NUSOFAC Agribusiness Enterprise and Ecology Models

Private Sector NUSOFAC Linkage Model

Biodegradable industrial waste composting – the utilization of tobacco sludge, mixed with manures and coconut peat/saw dusts and kitchen wastes (eggshells) into organic fertilizers

NUSOFAC IMPLEMENTATION

NUSOFAC Agribusiness Enterprise and Ecology Models

Cooperation Between and Among Cooperatives

Metro Pangasinan MPCI- production of organic planting materials (ubi or violet yam, chillies and peanuts)

NUSOFAC IMPLEMENTATION

NUSOFAC Agribusiness Enterprise and Ecology Models

NGO Nusofac Linkage Model

- Life Learning Organization of Peace (LLOoP), 1.4 ha Victoria, Laguna in cooperation with Relova and Habito Families
- Farmers All Natural and Organic Market (FANOMART)- 15 convenor NGOs with operating and to be occupied 50 stalls at the Quezon Memorial Circle for ecologically, naturally and organically grown products

NUSOFAC IMPLEMENTATION

NUSOFAC Agribusiness Enterprise and Ecology Models

DA-LGU Organic Rice – Based Conversion Farming Systems in CALABARZON Area (Cavite,Laguna,Batangas Rizal and Quezon)

NUSOFAC IMPLEMENTATION

NUSOFAC Agribusiness Enterprise and Ecology Models

Private Sector NUSOFAC Linkage Model

- Lima Land's Lima Technology Center (RISE UP Project)

NUSOFAC Academe Linkage Model (Faith)

NUSOFAC IMPLEMENTATION

The Korean Federation of Sustainable Agriculture (KFSA)-IFOAM-Malvar LGU-KK OK Organic Eco Village Project

MARKETS OF ORGANIC FARM PRODUCE

- Malvar Public Market and Organic Trading Post;
- LiMA Land Market and Pay Day & Weekend Organic Trading Post;
- FoodBowl and Farmers All-Natural and Organic Market (FANOMART); and
- Specialized Institutionalized Markets: e.g., Hospitals, Schools, BPOs, Caterers and Gourmet Specialty Restaurants and food courts.

CHALLENGES AND OPPORTUNITIES

- Adequacy of Committed and Trained organic agriculture practitioners, managers, technicians, foremen, marketers and farm laborers;
- Need for pro-active and field-tested R and D to generate science-based organic agriculture and farming systems best technologies and practices;
- Provision of IEC materials, for quad media campaign to address inadequate knowledge, skills and attitude issues in organic agriculture;
- Wide scale adoption of the NUSOFAC Model between and among agri-, urban- and rural-based cooperatives as an agribusiness and social enterprise development model for food security and poverty reduction;

CHALLENGES AND OPPORTUNITIES

- Assurance of organic guarantee system within the NUSOFAC modalities through the institutionalization of Participatory Guarantee System (PGS) as an accepted IFOAM norm for complying with organic standards and integrity requirements;
- Adoption and replication of the NUSOFAC agribusiness and value chain models at township, district, regional and global levels; and finally; and
- Up-scaling of the NUSOFAC and Value Chain Modalities and its mainstreaming in the policy, funding as well as program and project development for its long run sustainability.

Organic Agriculture Act of 2010 launching [RA 10068] with Senator Migs Zubiri

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Vice Chairman: Mr. Pablito M. Villegas
Manager: Dr. Isagani G. Catedral
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