

LEYTE AGRICULTURAL MASTER PLAN

Integrated. Mechanized. Profitable. Sustainable.

Modern Farming for a Stronger Leyte | Corn • Rice • Coffee • Diversified Crops • Processing • Markets



MERIDA, LEYTE
PHILIPPINES
10.7120° N, 124.8897° E



1. PLAN & ANALYZE

Data-Driven Decisions



MASTER PLAN

- ✓ Land Use Plan
- ✓ Crop Portfolio
- ✓ Infrastructure Plan
- ✓ Financial Model
- ✓ 10-Year Roadmap

2. INPUTS

Everything the farm needs

- Seeds & Seedlings
- Fertilizer & Soil Amendments
- Water & Irrigation
- Fuel & Energy (solar / grid / biomass)
- Machinery & Equipment
- Labor & Services (operational support)
- Technology & Data
- Financing & Insurance

3. FARM PRODUCTION

Mechanized. Efficient. Climate-Resilient.

CORN

Land Prep, Planting, Irrigation, Crop Care, Harvest

RICE

Land Prep, Planting/Transplanting, Irrigation, Crop Care, Harvest

COFFEE

Nursery, Planting, Crop Care, Harvest, Processing

OTHER CROPS

Coconut, Banana, Cacao, Abaca, Vegetables, Fruits, Livestock, Aquaculture

4. POST-HARVEST & PROCESSING

Add Value. Reduce Waste. Increase Profit.

- Cleaning & Sorting
- Drying
- Milling (Rice & Corn)
- Coffee Processing (pulper, ferment, dry, roast)
- Storage (Silos & Warehouses)
- Packaging & Branding

5. PRODUCTS

Food. Feed. Fiber. Energy.

- Milled Rice
- Corn Grain & Pollard
- Coffee Beans & Roasted Coffee
- Coconut Products
- Banana, Vegetables & Fruits
- Livestock & Poultry Products
- Aquaculture Products
- Byproducts (bran, husk, compost, biochar, biomass)

6. MARKETS

Local. National. Export.

- Local Markets (Leyte & Region VIII)
- National Distributors
- Food Manufacturers
- Retail (Supermarkets)
- Hotels, Restaurants, Cafés
- Export Markets
- Online Sales / Direct to Consumer
- Government Programs (school feeding, institutions)

7. INFRASTRUCTURE

- Farm Roads & Access
- Drainage & Flood Control
- Irrigation Systems & Water Storage
- Farm Buildings & Facilities
- Power Systems (solar / grid / generator)
- Equipment Sheds & Workshops
- Cold Storage (where needed)

8. TECHNOLOGY & AUTOMATION

- Sensors (soil, weather, moisture)
- Drones & Satellite Imagery
- Farm Management System
- IoT & Automation (irrigation, monitoring)
- Equipment GPS & Telematics
- AI Analytics & Alerts

9. MANAGEMENT SYSTEMS

- Planning & Scheduling
- Inventory Management
- Accounting & Finance
- Maintenance Management
- Compliance & Documentation
- Security & Risk Management

10. OUTCOMES

- Higher Yields & Income
- Modern & Efficient Farming
- Value-Added Products
- Less Waste Circular Economy
- Climate Resilience & Sustainability
- Local Jobs & Community Growth
- A Stronger Leyte for Future Generations

10-YEAR ROADMAP

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Plan & Pilot	Infrastructure	Mechanization	Processing	Optimization	Expansion	Automation	Value-Added	Scaling	Mature Enterprise