PROJECT AGRI-CHAIN

Modernizing Philippine Agriculture
Project Pillars

Advanced Technology

Uplift Farmers

OBRA PALMA
Project Overview

Integrated Food Terminal Complex
Infrastructure for high-value food processing

- Frozen and Refrigerated Storage
- 24/7 Stable Power
- Pure Elemental Water
- 100% Waste Remediation
- R&D and Sanitary Lab
- Logistics Support
- Canteen / Laundry / Security
High-Value, fruit and vegetable processing facility

- Primarily focusing on 350MT per day input of de-husked coconuts. Each location will produce coconut non-dairy beverages, coffee creamer, coconut water, coconut cream and flour.

- Each will also process fruit puree, 100% fruit juices, and pure vegetable soups – all with 12-18 month ambient shelf-life using the most advanced UFT© technology – and filled for consumers in exciting and innovative packaging.
1. 350 Tons Per Day of Coconut Inputs – converting to High-Value Beverage

2. Liquid Processing of Watermelon, Mango, Cacao, Banana, Coffee, etc.

3. Native Soups for Domestic and Export Markets

4. Aseptic bag-in-box Dispensing Systems

5. Low-Waste Unique Consumer Fill Packaging

6. UFT™ flexible processing of full-range viscosities

7. 24/7 On-demand power and water production

8. Farmers’ Livelihood Enhancements

9. Food Terminal Complex

Project Highlights
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<th>Intercropping</th>
<th>Finance</th>
<th>Social Impact</th>
<th>Green Energy</th>
<th>Earth-Friendly Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>The plant “de-risks” its dependence on 100% coconut and is therefore able to accept harvest that can be grown efficiently among the coconut trees. This includes, for example, banana at mid-level and watermelon on the ground.</td>
<td>Fully expanded financial model taking into account every variable of operating this type of plant. Designed by engineers who have been in the industry for 30+ years.</td>
<td>The foundation of our model is to “uplift community”. And by doing so, we operate with fair labor and farmer practices. The supply chain is determined by sustainable supply, not awarded to the lowest price available.</td>
<td>Energy and fresh water production using plant liquid waste materials.</td>
<td>Our consumer packages cut food waste by 10% and packaging waste by 80% compared to packages from similar factories (Tetra).</td>
</tr>
</tbody>
</table>
Project of the People – Social Impact

01 Higher Incomes through Intercropping / Training
Triples the income of the local farmer

02 Housing for the Poorest
Our project will build housing for the poorest farmers and workers near the plant site

03 Farmers as Stakeholders
Through the local cooperative, individual farmers will become stakeholders in the project and receive quarterly distributions. This will be based on the volumes of raw material provided to the plant

04 Mobile Medical Care
Mobile Medical, Dental and Eye care units will be established at no cost to the local farmers

05 Pay Off Trader Loans
This project will undertake a program to rid the farmers from their indenture of local traders
Project Investment Impact

**Anchor for Economic Development**
Infrastructure projects such as ports, barging, roads, energy, waste management, cooperative recovery, etc., will be accelerated as a result of the design and operation of this plant.

**Benefits to Labor Supply**
This project will spur 1500 direct jobs and positively affect more than 60,000 people both directly and indirectly in the region.

**Farmer & Food Security**
This conversion into high-value intercropped fruit & vegetables will bring abundant returns to farmers of intercropped lands – lands that have traditionally only produced low-value copra for regional oil mills.

**Uplift Community**
The result of this project is expected to “uplift community” and help maintain peace & order.
Competitive Advantage - Technology

Our Model is unique among coconut processing facilities.

01 Newly designed UFT™ system allows for the natural and organic processing of foods/drinks without use of sugar, acid, stabilizers or chemicals. Allows for operation 22 hours per day.

02 Digital Inline Blending plus MST technology.

03 Low-waste packaging system, using flexible EcoLean consumer packages.

04 Aseptic bag-in-box latest technology for advanced dispensing systems which remain shelf-stable for many weeks or months.

05 Clean, Green, Energy and Water Production – Carbon Negative
Technology Advancement

Developing eco-friendly dispensing solutions – new wave of packaging

UFT™ Technology
Digital Inline Blending
MST

only low-acid, aseptic tap that can safely dispense liquid foods and beverages continuously for weeks without refrigeration.

The packages are inflated by the food product.

Capacity up to 7,500 packages per hour
Our processing concept is based on flexible liquid processing.

The plant will operate four filling lines:

- A foodservice filling line that will enable cutting-edge bag-in-box technology for dispensing low-acid beverages while remaining aseptic (stored ambient) for many weeks
- Two consumer packaging lines with Unparalleled format which will allow for 200, 250, and 350 ml pouches
- A consumer packaging line with unparalleled format which will allow for 500 ml and 1 liter pouches

JCS Process Systems

Whether it is coconut water, coconut cream, fruit juice, vegetable soup or other liquids – it can all be processed through the same set of direct & indirect UHT lines. This system is designed to maximize the quality and flavor of the raw material without using any preservatives, stabilizers, sugar or acidification.

JCS Innovation in the Real World:
- Low and High Acid Aseptic Processing
- Digital Inline Blending
- Pasteurization and UFT Pasteurization
- Smarter Batching and Line Distribution
24/7 Stable Power Production at 5 Megawatts that is 100% Green Baseload Renewable Energy

No more Brown-outs and NO harmful emissions!

Production of large volumes of Potable water and steam

Production of Carbon Free power direct from gasification to power turbines

A permanent 100% “Green” Sustainable Solution for Sewage, Garbage and all Wastewater treatment

A fully scalable, cost effective Green Technology that is quick to implement, and one that works 100% with the Environment, not against it.
Creating the Future with the Power of Water™
Foodservice Output

Focusing on creating ready to eat (RTD) liquid products derived from coconut, and other fruits & vegetables -- intercropped and certified as organic, kosher and halal.

All-natural ingredients processed sustainability and within food safety guidelines for export to USA, EU, Australia
Consumer Output

- Coconut Drinkable Yoghurt
- 100% Fruit Juice & Puree
- Vegetable Soups
Consumer Output

Coconut Cream

Coffee Creamer

Coconut Milk Beverage
Consumer Output

Coconut Flour

Shakes & Smoothies

Coconut Milk
RECAP

Modernizing Philippine Agriculture

The ultimate in flexible liquid processing technology

Sustainable agriculture designed to benefit the farmers and Indigenous Peoples

Green energy solution which is carbon negative

Low Waste consumer packaging

Aseptic foodservice dispensing units

Completely scalable model that can be placed anywhere
Total Project Cost Per Location
$55,000,000

All-Cash IRR  39.6%  
Leveraged IRR  29.4%
<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Revenues</td>
<td>100,030,577</td>
</tr>
<tr>
<td>Cost of Good Sold</td>
<td>46,490,118</td>
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<tr>
<td>Gross Profit</td>
<td>48,538,930</td>
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<tr>
<td>Total Operating Expenses</td>
<td>10,594,343</td>
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<tr>
<td>EBITDA</td>
<td>42,923,586</td>
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<tr>
<td>Operating Income (EBIT)</td>
<td>37,944,586</td>
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<tr>
<td>Net Income</td>
<td>30,736,314</td>
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Thank You

Project Agri-Chain