



# IAI VANILLA OPERATIONS

# SOUTH FLY AIC | in Construction



Vanilla



Black Pepper



Aquaculture



Infrastructure & Logistics



South Fly Agro Industrial Centre (AIC)

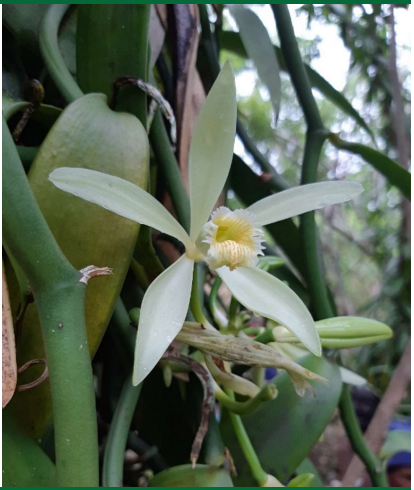
A commercial agricultural partnership to develop cropping and aquaculture ventures in Daru & Oriomo in the South Fly District of Western Province, to support the well-being and livelihoods of the local population.



# FLY VANILLA - COMMERCIAL VANILLA VENTURE | in Construct

A commercial vanilla production venture in Kiunga area of North Fly, that will produce superior grade cured vanilla product to target premium export markets. The venture will provide multiple job opportunities for the local population, and also encourage local farmers who gain competency on the job, to develop their own vanilla farming plots.

2 Ha intensively grown Vanilla vines in controlled greenhouse curing and processing facility, Industry best practice standard



Modern Vanilla



FLY VANILLA  
KIUNGA AIC  
Samagos, North  
Fly  
Western

A Photo Voltaic system will supply solar power to the Agro Industrial Centre



## Lake Murray - COMMERCIAL VANILLA VENTURE | in Construction

A commercial vanilla production venture in Lake Murray area of Middle Fly, that will produce superior grade cured vanilla product to target premium export markets.

The venture will provide multiple job opportunities for the local population, and also encourage local farmers who gain competency on the job, to develop their own vanilla farming plots.



Lake Murray AIC  
, Middle Fly  
Western Province

# Vanilla Production

Correct Vanilla Growing & Scheduled Harvesting

Collection & Logistics to Curing Facility

Proper Curing Process & Packing

Export & Global Chain of Supply

# Challenges

## Correct Vanilla Growing & Scheduled Harvesting

- ▶ High Humidity
- ▶ Fusarium
- ▶ Mulch preparation
- ▶ Intensive & Timely Care
- ▶ Hand Pollination
- ▶ Pods Maturity level

# Challenges

## Collection & Logistics to Curing Facility

- ▶ Out growers Remoted locations
- ▶ Transport
- ▶ Communication



# Challenges

## Proper Curing Process & Packing

- ▶ Pods Maturity
- ▶ Lack of Basic Knowledge
- ▶ 90% world-wide done in traditional way
- ▶ Product analysis (Vanillin Content, Moisture, size, microbial quality)
- ▶ Proper Packing

# Challenges

## Export & Global Chain of Supply

- ▶ Export License
- ▶ Large Buyers
- ▶ Price Stability

Thank you !

