KADALI AFRICA

VENTURES LIMITED

ENGINEERING AFRICA'S NEXT GENERATION OF PROCESSING PLANTS

Turnkey agro-processing / Food & beverage / Natural ingredients / Industrial plant solutions

01

AGRO & STAPLE CROPS

Cassava | rice | maize | roots

02

FRUIT & FOOD PROCESSING

Juice | pulp | beverages | snacks

03

BOTANICALS & NATURAL OILS

Herbs | essential oils | shea | cocoa

04

DRYING & PLANT ENGINEERING

Industrial dryers | packaging | automation

GHANA OFFICE | PAN-AFRICAN MARKETS

OUR COMPANY

African market focus. Engineering-led execution.

A Ghana-based commercial interface for practical processing investments, supported by the engineering experience of the Kadali group.

FROM RAW MATERIAL TO MARKET-READY PRODUCT

Plant concept • machinery selection • process integration • commissioning coordination

HOW WE CREATE VALUE

01 Local market understanding

Applications selected for African crops, volumes and operating conditions.

02 Right-sized plant packages

Entry-level and scalable lines rather than unnecessarily complex investments.

03 Process-driven proposals

Capacity, product specification and utility requirements mapped before quotation.

04 Lifecycle coordination

Manufacturing, inspection, shipment, installation and operator-training scope defined project by project.

OUR OPERATING MODEL

KAV engages clients from Ghana; MECH O TECH LLP and specialist manufacturing resources may support the technical scope according to each project.

Concepts shown in this brochure are illustrative. Final specifications are subject to engineering review.

MARKET APPROACH

Built for Africa's processing opportunities

A practical portfolio aligned to crop availability, local demand, input economics and regional value chains.

PRIORITY REGIONAL APPLICATIONS

WEST AFRICA	Ghana, Nigeria, Côte d'Ivoire, Senegal, Benin, Togo	Cassava • fruit juice • rice • shea • oils
CENTRAL AFRICA	Cameroon, DRC, Gabon and neighboring markets	Cassava • palm oil • drying • botanical plants
EAST AFRICA	Kenya, Uganda, Tanzania, Rwanda, Ethiopia	Fruit processing • coffee/cocoa • herbs • drying
SOUTHERN AFRICA	South Africa, Zambia, Zimbabwe, Mozambique	Advanced extraction • solvent recovery • feed
NORTH AFRICA	Egypt, Morocco, Tunisia and neighboring markets	Food ingredients • essential oils • process integration

MARKET DRIVERS

Value addition • Post-harvest handling • Import substitution • Regional trade • SME industrialization

SOLUTION FAMILIES

Focused industrial portfolio

Eight scalable plant families covering high-value agricultural and natural ingredient processing.

01 Cassava & Roots

Starch, flour, gari, fufu, sweet potato

02 Grain Milling

Rice, maize, flour and grits

03 Fruit & Beverage

Juice, pulp, concentrates and bottling

04 Vegetable & Spice

Tomato, onion, pepper, ginger, turmeric

05 Industrial Drying

Solar, tray, belt, hot-air and vacuum

06 Botanical Processing

Herbal extracts, hibiscus and moringa

07 Oil & Natural Ingredients

Shea, cocoa, palm, coconut, essential oils

08 Feed & Packaged Foods

Poultry, fish feed, snacks and packing

STARTUP MODULES → SME LINES → CUSTOM TURNKEY PLANTS

ROOT & TUBER VALUE CHAINS

Cassava and Root Processing

Plants designed around local roots, fresh-material handling, finished grade and market route.

Featured KAV Solution Creatives

Representative product pages for this section



PLANTS & PRODUCT OPTIONS

Cassava starch
Washing, rasping, separation and drying

High-quality cassava flour
Peeling, drying, milling and packing

Gari / Garri
Grating, fermentation, dewatering and roasting

Fufu flour
Dedicated processing and drying route

Sweet potato
Flour, starch, chips and puree lines

Plantain products
Flour, chips and packaged snack options

TYPICAL PROCESS ROUTE

Receive → Prepare → Product-specific conversion → Dry / finish → Pack

APPLICATIONS Ghana • Nigeria • Côte d'Ivoire • Cameroon • DRC

CEREALS AND STAPLE FOODS

Rice, Maize and Grain Milling

Reliable food-grade systems for staple cereals, grain quality and differentiated packed products.

Featured KAV Solution Creatives

Representative product pages for this section

Rice Milling



Maize Flour & Grits



PLANTS & PRODUCT OPTIONS

Rice milling

Cleaning, dehusking, whitening and grading

Parboiled rice

Soaking, steaming and drying before milling

Maize flour / meal

Cleaning, conditioning, milling and sieving

Corn grits

Degermination and graded fractionation

Sorghum / millet

Cleaning and milling options

Packing & storage

Silos, bulk bags and consumer packs

TYPICAL PROCESS ROUTE

Clean → Condition → Mill / separate → Grade → Pack

APPLICATIONS Ghana • Nigeria • East African grain belts • Sahel

HORTICULTURE AND DRINKS

Fruit, Juice and Beverage Plants

Convert seasonal fruit into marketable juice, pulp, concentrate, dried fruit or ready-to-drink products.

Featured KAV Solution Creatives

Representative product pages for this section

Fruit Juices



Pineapple Processing



Guava Processing



PLANTS & PRODUCT OPTIONS

Mango & pineapple

Pulp, juice, concentrates and dried slices

Orange & lemon

Juice, peel processing and oil options

Guava & passion fruit

Pulps, nectars and filtered juices

Baobab & tamarind

Powders, concentrates and beverages

Hibiscus / Sobolo

Infusion, formulation and bottling

Bottling & packing

PET, glass and pouch options

TYPICAL PROCESS ROUTE

Wash → Prepare → Extract / pulp → Stabilize → Fill / dry

APPLICATIONS West African fruit belts • Kenya • Uganda • Tanzania

VEGETABLES & SPICES

Tomato, Pepper and Spice Lines

Compact value-addition projects for reducing spoilage and producing shelf-stable ingredients.

Featured KAV Solution Creatives

Representative product pages for this section



PLANTS & PRODUCT OPTIONS

Tomato paste & sauce
Crushing, finishing, concentration and filling

Tomato powder
Drying and powder preparation

Onion & garlic
Flakes, granules and powders

Chilli & pepper
Hot-air drying, grinding and blending

Ginger & turmeric
Cleaning, drying and grinding

Seasoning blends
Batch blending and pouch filling

TYPICAL PROCESS ROUTE

Clean → Cut → Dry / concentrate → Mill / blend → Pack

APPLICATIONS Ghana • Nigeria • Ethiopia • Senegal • Zambia

WATER REMOVAL SYSTEMS

Drying and Dehydration

Technology selected for product quality, throughput, site power and thermal efficiency.

Featured KAV Solution Creatives

Representative product pages for this section

Drying Systems



PLANTS & PRODUCT OPTIONS

Solar & hybrid drying
Low-energy food and herb drying concepts

Tray / cabinet dryers
Small-batch fruits, vegetables and botanicals

Hot-air belt dryers
Continuous food and ingredient drying

Rotary / fluid-bed dryers
Granular material applications

Vacuum dryers
Heat-sensitive concentrates and ingredients

Accessories
Air handling, dust control and packing

TYPICAL PROCESS ROUTE

Prepare → Controlled dehydration → Cool → Size → Pack

APPLICATIONS Fruit & vegetable clusters • herbs • roots • fish

BOTANICAL INGREDIENTS

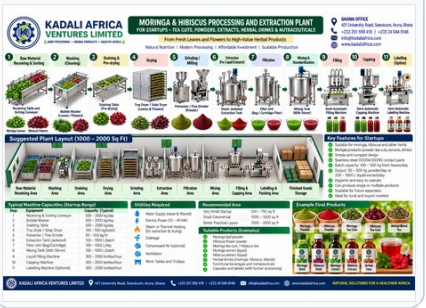
Herbal and Botanical Extraction

Moringa, hibiscus and local botanicals: engineered lines for dry products and validated liquid ingredients.

Featured KAV Solution Creatives

Representative product pages for this section

Moringa & Hibiscus



Hibiscus Beverage



Herbal Medicines Startup Plant



PLANTS & PRODUCT OPTIONS

Moringa processing

Leaf drying, milling, grading and packing

Hibiscus processing

Calices, powder and beverage ingredients

Ginger & turmeric extracts

Water-based and specialist extraction options

Herbal liquid lines

Processing, filtration, blending and filling

Botanical powders

Controlled drying, milling and sieving

Quality systems

Sampling, traceability and lab provisions

TYPICAL PROCESS ROUTE

Raw material → Prepare → Extract / dry → Finish → QC → Pack

APPLICATIONS Ghana • Nigeria • Kenya • Tanzania • South Africa

NATURAL AROMATIC INGREDIENTS

Essential Oils and Oleoresins

Applications for regional aromatic crops, natural colors and higher-value process ingredients.

Featured KAV Solution Creatives

Representative product pages for this section

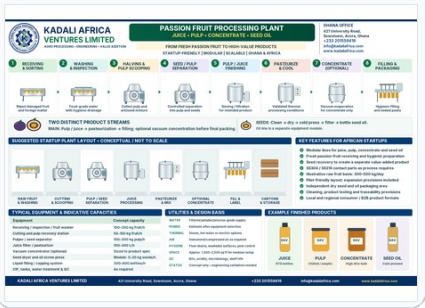
Ginger & Turmeric



Citrus Processing



Passion Fruit



PLANTS & PRODUCT OPTIONS

Steam / hydrodistillation

Lemongrass, eucalyptus, ginger and other crops

Citrus peel oils

Peel preparation and dedicated oil recovery

Spice oleoresin lines

Specialist extraction and downstream handling

Botanical concentration

Evaporation and product finishing

Solvent recovery

Engineered containment and recovery systems

Plant safety integration

Ventilation, controls and compliance provisions

TYPICAL PROCESS ROUTE

Feed preparation → Extraction / distillation → Separation → Finish

APPLICATIONS Aromatic-crop regions across West, East and Southern Africa

OILSEEDS AND HIGH-VALUE CROPS

Shea, Cocoa, Palm and Coconut

End-to-end and modular value addition for African edible oils and premium natural ingredients.

Featured KAV Solution Creatives

Representative product pages for this section



PLANTS & PRODUCT OPTIONS

Shea butter
Kernel preparation, extraction and finishing

Cocoa processing
Liquor, butter, powder and chocolate branches

Palm fruit oil
Sterilization, digestion, pressing and clarification

Palm kernel oil
Separate kernel handling and extraction

Coconut processing
Milk, VCO, desiccated coconut and flour

Groundnut products
Expeller oil and peanut butter lines

TYPICAL PROCESS ROUTE

Crop reception → Preparation → Primary conversion → Refining / packing

APPLICATIONS Ghana • Côte d'Ivoire • Nigeria • Cameroon • East Africa

PROTEIN AND PACKAGED FOOD

Feed, Fish and Food Value Addition

Modular production for agribusiness, fisheries and retail-ready packaged foods.

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Representative product pages for this section

Fish Processing



Peanut Butter



Plantain Chips



PLANTS & PRODUCT OPTIONS

Poultry & livestock feed
Cleaning, grinding, mixing and pelleting

Fish feed
Dedicated extrusion, drying and coating line

Fish processing
Cleaning, smoking, drying and packing

Plantain chips
Peeling, slicing, frying and seasoning

Peanut butter
Roasting, grinding, mixing and filling

Packing automation
Filling, sealing, capping and labelling

TYPICAL PROCESS ROUTE

Ingredient / raw feed → Product-specific process → QC → Pack

APPLICATIONS Ghana • Nigeria • Kenya • Uganda • coastal regions

PROJECT DELIVERY

From enquiry to plant start-up

Clearly defined deliverables, decision gates and responsibilities for every project.

1	**DISCOVER**	Crop, product, site, utilities and business goal
2	**DEFINE**	Process concept, capacity and preliminary PFD
3	**ENGINEER**	Equipment list, layout, balances and controls
4	**MANUFACTURE**	Fabrication, inspection and agreed factory tests
5	**DEPLOY**	Shipping, erection and installation supervision
6	**COMMISSION**	Trial runs, operator training and handover

TYPICAL SCOPE BOUNDARIES

Civil works, import duties, local permits, utilities and consumables are identified in the proposal; inclusion depends on the agreed contract.

TECHNICAL PLANNING

Right-sized plant specifications

Preliminary capacities, utility considerations and quality checkpoints for first-stage feasibility.

ILLUSTRATIVE ENQUIRY BRACKETS

Cassava flour / gari	0.5–5 t/day roots
Rice milling	0.5–3 t/h paddy
Fruit juice / pulp	300–3,000 L/h
Tomato / vegetable	100–1,000 kg/h
Botanical extraction	50–1,000 L/batch
Tray & hot-air drying	50–1,000 kg/batch
Animal feed	0.5–3 t/h feed
Semi-auto filling	200–1,500 packs/h

ENGINEERING CHECKPOINTS

- Raw-material basis, seasonality and yield testing
- Utility load, wastewater, site access and food-safe zoning
- Product specification, traceability and quality control
- Local regulatory requirements and operator safety

All capacities are concept ranges only; final quotations require a product specification, site data and process validation.

KADALI AFRICA

VENTURES LIMITED

LET'S BUILD THE RIGHT PLANT FOR YOUR MARKET.

Tell us your product, raw material, required capacity, plant location and target packaging.

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Engineering Africa's value-added future