



UNLOCKING THE FEEDSTOCKS OF AFRICA TO BUILD AFRICA'S SAF ECOSYSTEM

A wide-angle photograph of a savanna landscape at sunset. The sun is a large, bright yellow-orange orb in the upper right sky, casting a warm glow over the scene. The ground is covered in dry, brownish-yellow grass. A herd of antelope, likely reedbuck or similar, is scattered across the middle ground, some standing and some moving. A few small, dark trees are visible on the horizon. The overall mood is peaceful and natural.

ABOUT



- ♦ AfriSAF is a UK-incorporated company, headquartered in London and operating under the laws of England and Wales.
- ♦ Our goal is to unlock the abundance of feedstock and human resources in Africa to develop clean energy.
- ♦ We leveraged our extensive networks in Africa to build collaborations, which form project consortiums, whilst connecting feedstock producers to clean energy producers and users of feedstock through our digital platform.

MEET THE TEAM



KWAME BEKOE

CO-FOUNDER | CEO | CCO

With 20 years of experience working with the largest Aircraft/Engine OEMs and Lessors...



PLABON RAHMAN

CO-FOUNDER | CTO | COO

Over 15 years of experience, leading technical innovation to contribute in achieving the Sustainable Development Goals.



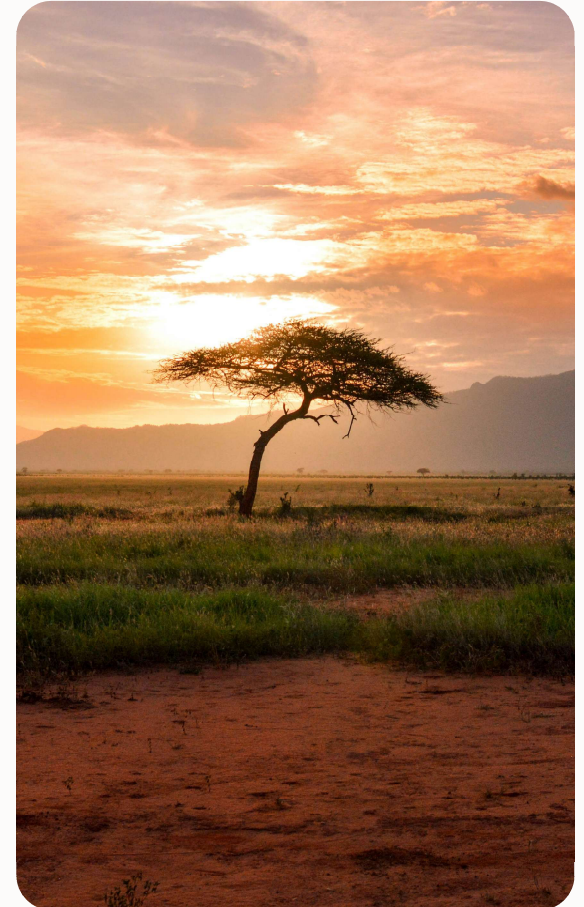
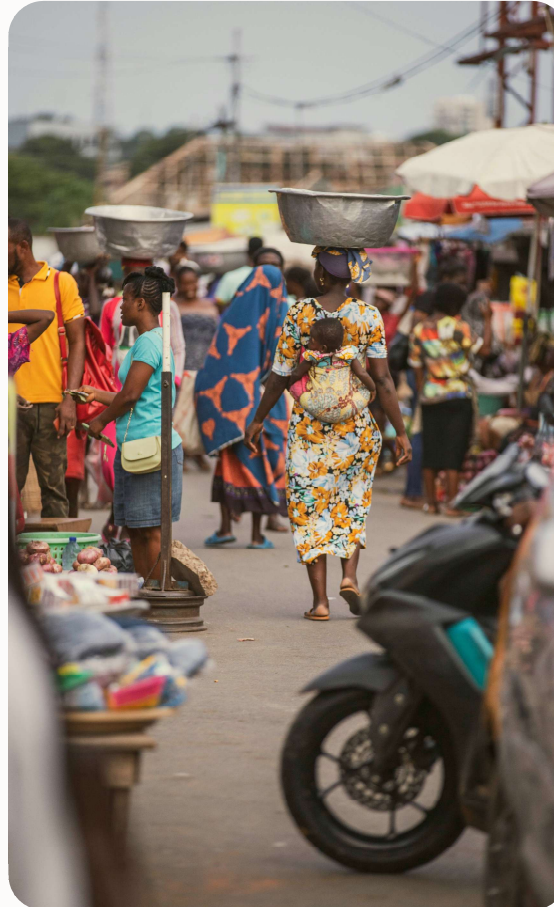
CHRIS SIM

STRATEGY ADVISOR | CHIEF ENGINEER

Over 14 years of experience in Oil and Gas, leading technology and process strategy and consulting.

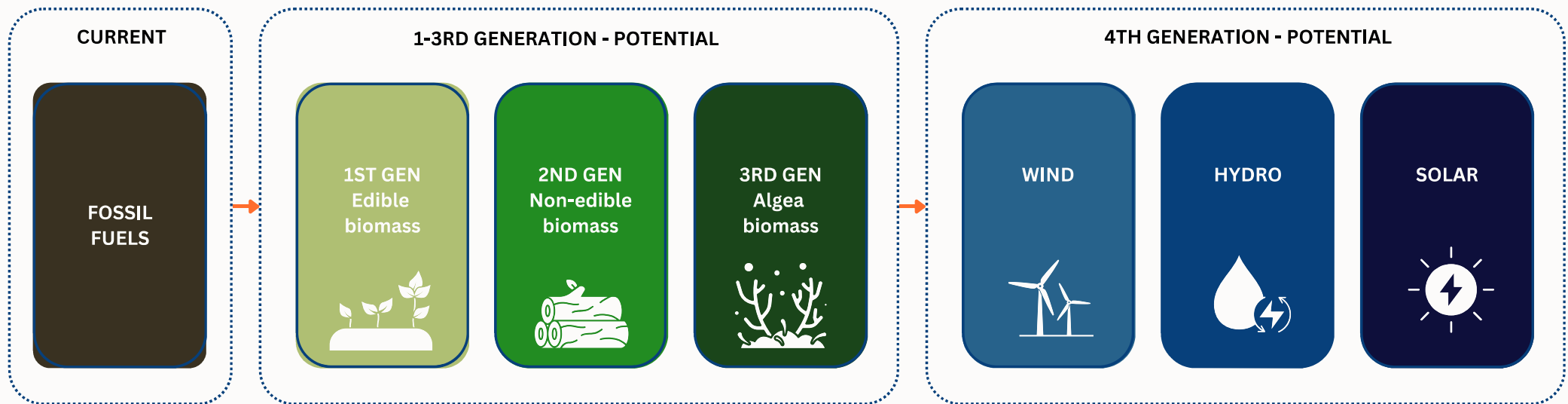
WHY AFRICA?

- 🔥 **Untapped Market Potential**
250 million annually tonnes of waste unused
- 🔥 **The fastest-growing population**
1.4 billion people set to double by 2050
- 🔥 **Rural Development**
Jobs are needed to sustain rural economies
- 🔥 **The world's 2nd largest land mass**
After Asia, it is over 30 million square km's
- 🔥 **Feedstock in abundance**
40% of post harvest food waste



TRANSITIONING THE FUTURE - WITH BIOMASS THEN E-FUELS

AFRICA'S FEEDSTOCK REVOLUTION



Africa's renewable energy arsenal, such as biomass, ATJ solar, wind, PTL, positions the continent as the future's global energy powerhouse for the world.

**Representation not to scale of the potential to meet world energy demand*

OFFERING



THE PROBLEM

- ♦ Africa generates over 250 million tons of waste annually! (140-170mt from Agriculture)
- ♦ Over 90% of Africa's waste goes underutilised.
- ♦ 40% of post-harvest food is wasted.

AGRICULTURAL WASTE - Diverse biomass sources



Crop residue waste

Rice straw
Wheat straw
Corn stover
Barley straw

Agro-Industrial waste

Sugarcane bagasse
Rice bran and husk
De-oiled seed cakes
Fruit peel and pulp

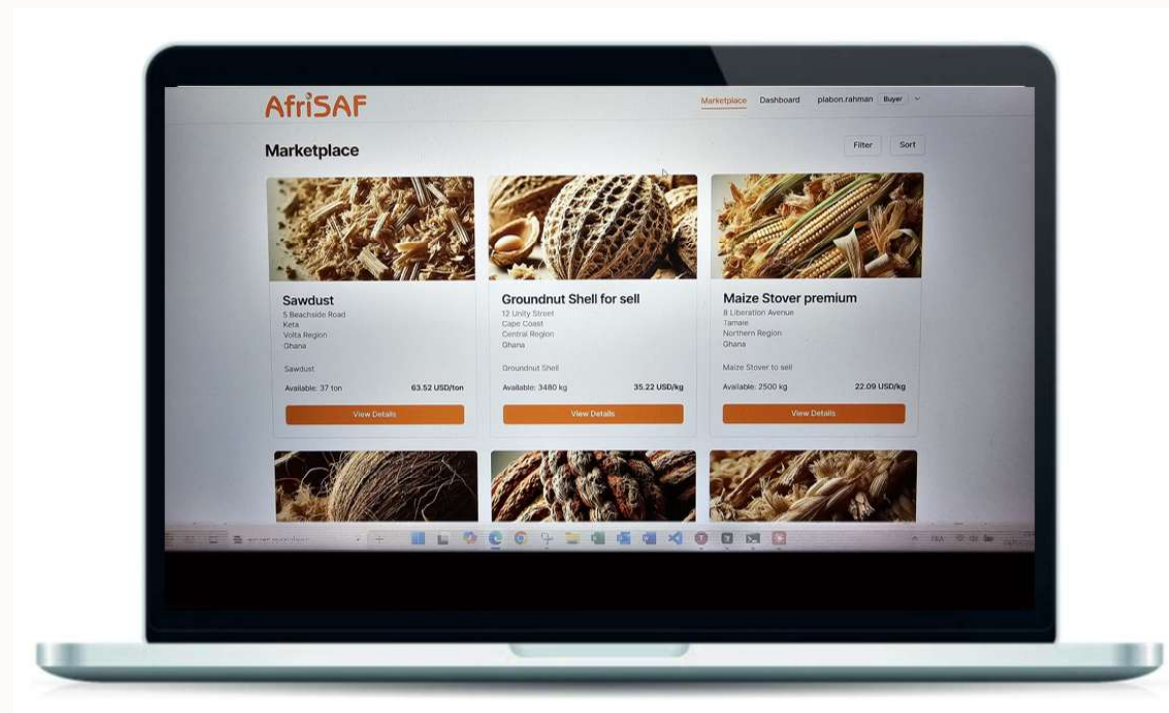
Food waste

Fruit
Vegetables
Grains
Meat

AfriSAF FEEDSTOCK PLATFORM

150m tonnes of Africa's agricultural waste goes underutilised...

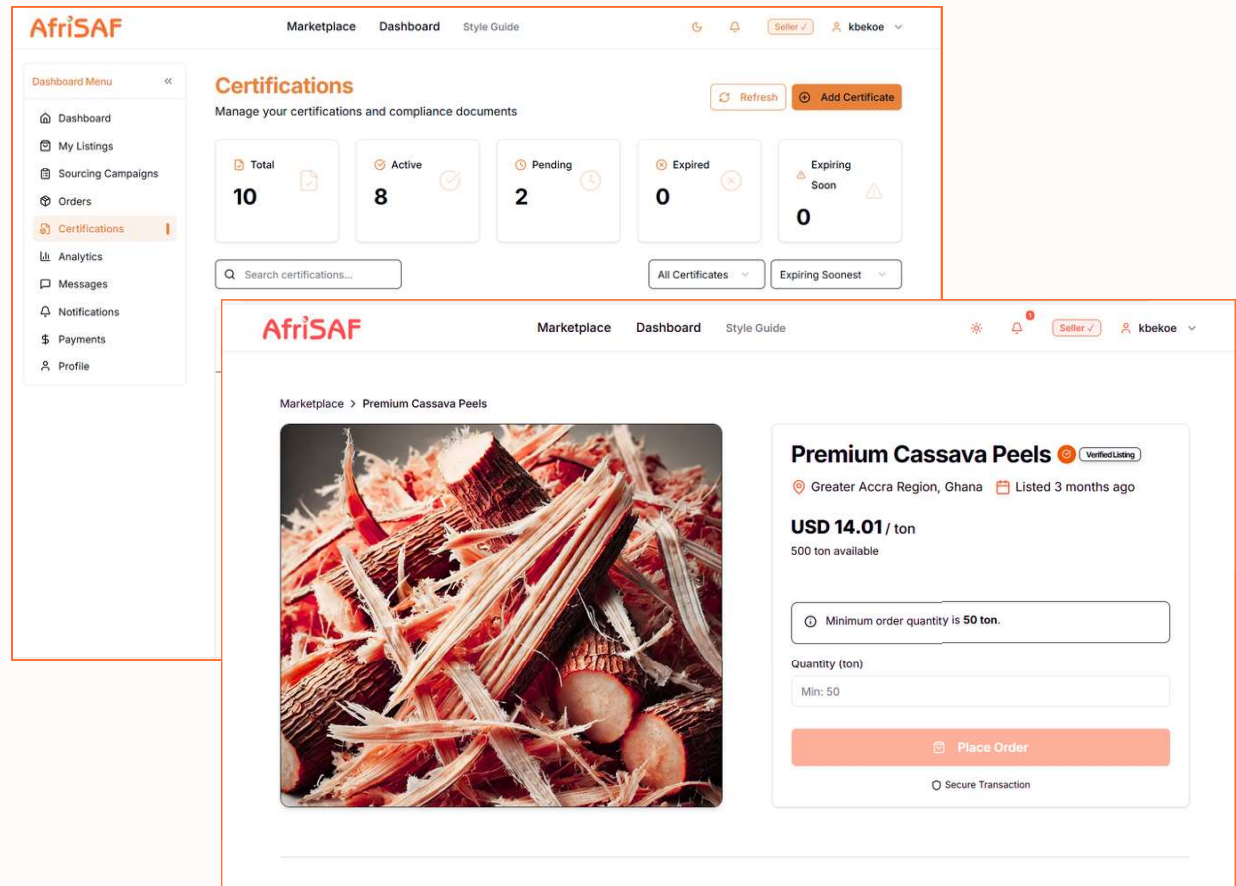
- 🔥 No structured marketplace connects waste producers with buyers.
- 🔥 Supply chain inefficiencies drive up costs & waste.
- 🔥 Governments and corporations struggle to meet sustainability targets



AfriSAF FEEDSTOCK PLATFORM

Developing our digital certification framework and digital LCA

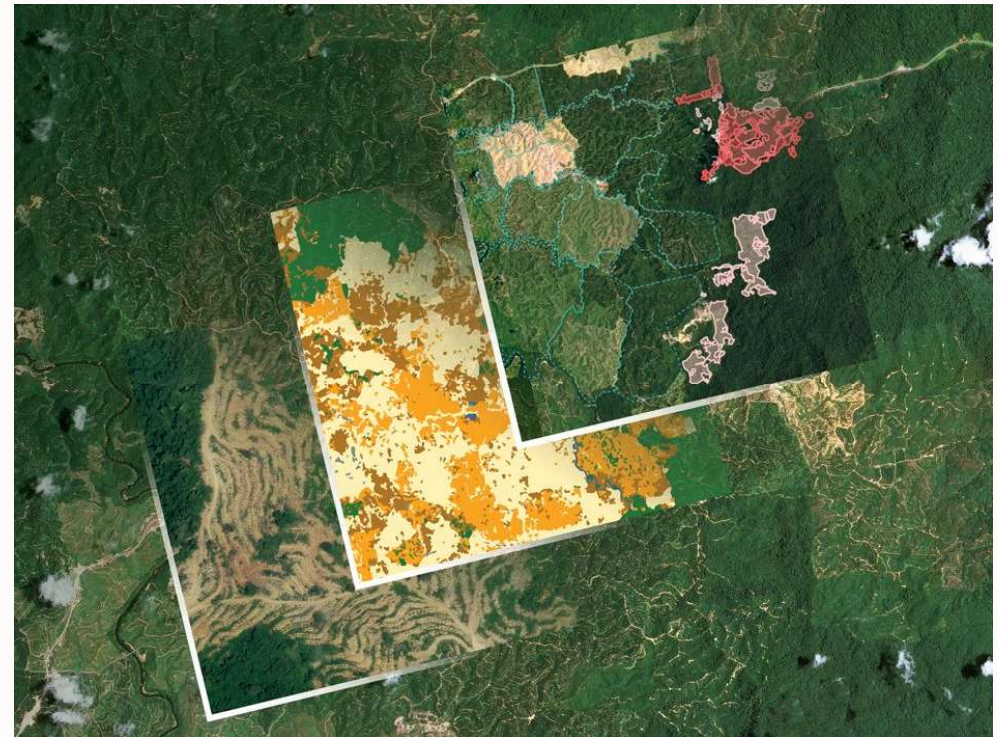
- 🔥 Key sustainability standards required to prove esg compliance
- 🔥 Certification builds credibility, and eligibility for voluntary/mandated markets
- 🔥 Calculation of GHG savings and avoidance of negative land-use effects is key



AIRBUS STARLING PLATFORM

Global geospatial solutions to measure environmental impact across supply chains

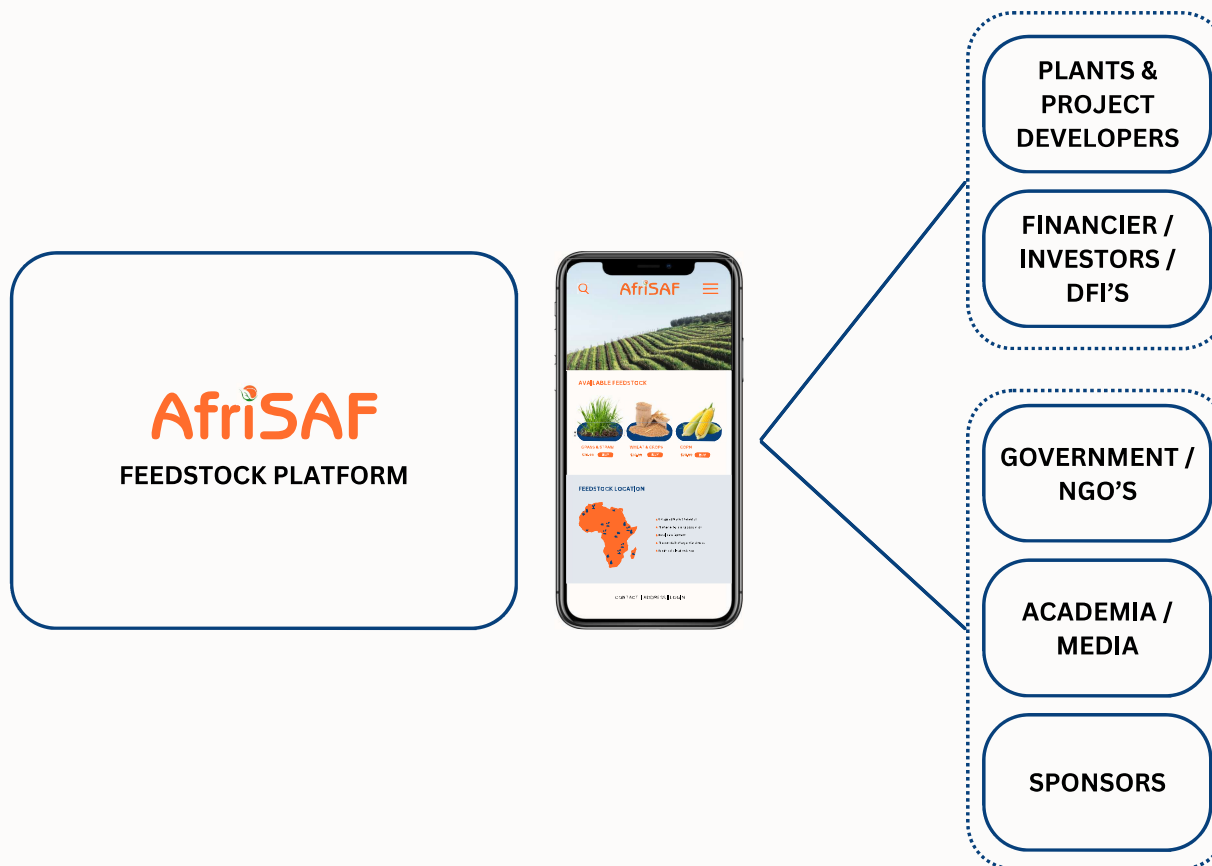
- 🔥 Supply chain mapping across supply chain to meet decision needs
- 🔥 Deforestation free supply chain with full forecast cover changes
- 🔥 Net zero target



ENABLE FEEDSTOCK TRADING AND DATA SOURCING

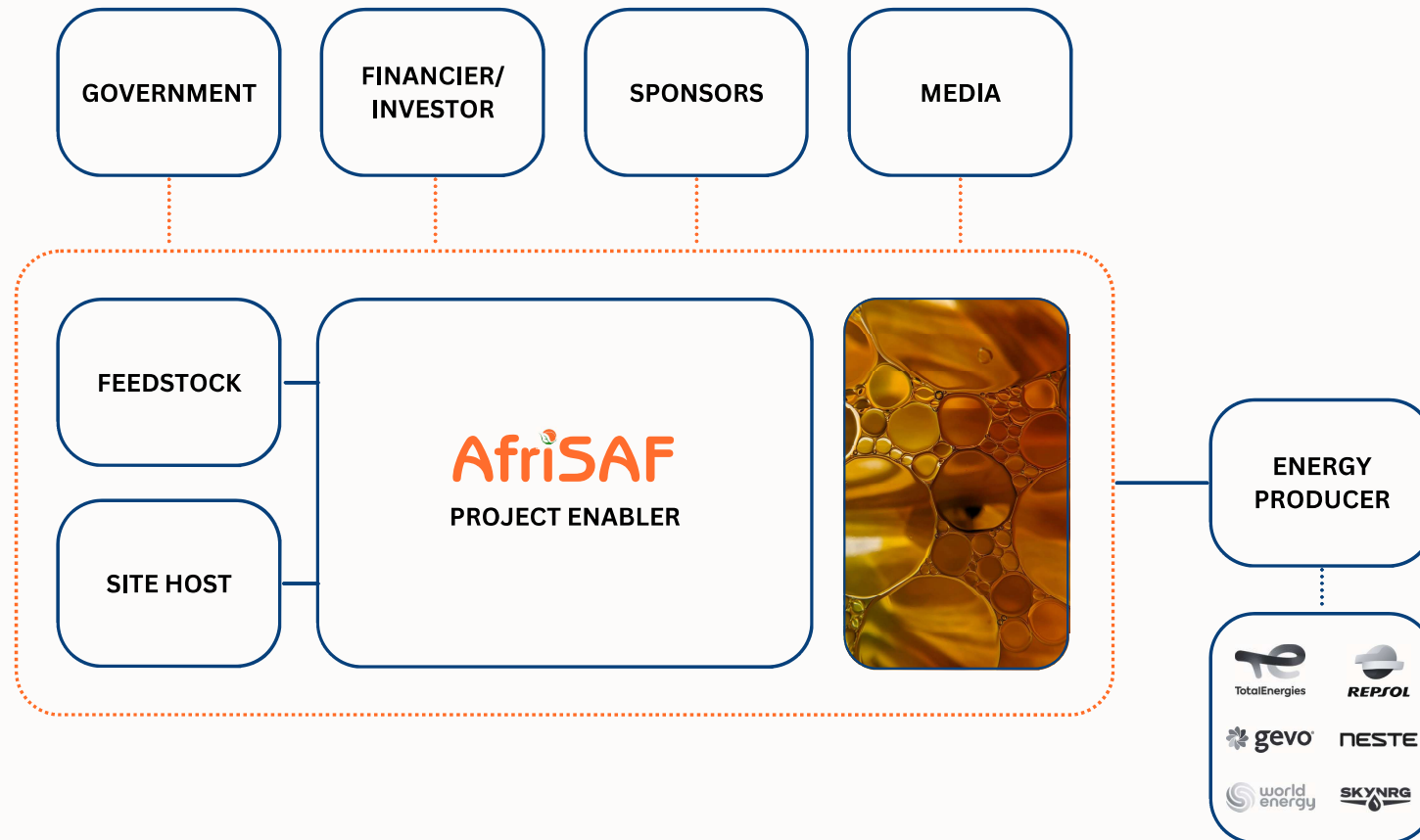
Data collection & Insights

- 🔥 Feedstock Supply
- 🔥 Buyer Demand
- 🔥 Logistics & Transaction
- 🔥 Environmental & Carbon Credit
- 🔥 Market & Pricing Insights
- 🔥 Farmer Profile & Land
- 🔥 Yield Optimization & Sustainable
- 🔥 Farming Insights
- 🔥 Revenue Enhancement & Diversification Opportunities



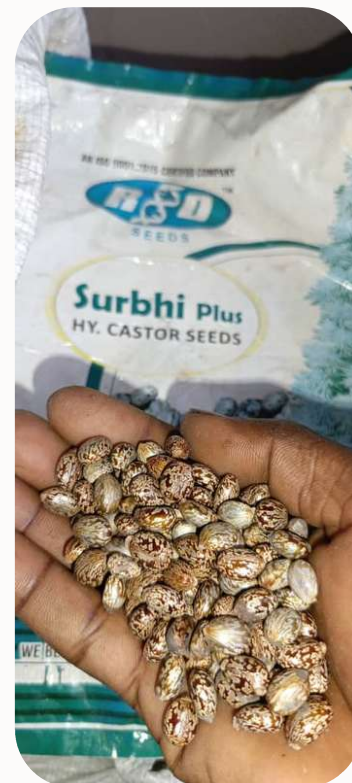
PRODUCE FEEDSTOCK FOR EXISTING PLANTS

BIO/NOVEL OILS PRODUCTION AND AGGREGATION



CASTER BEANS

HARVESTING OF 5 DIFFERENT VARIETIES



FOOD AND FUEL SYNERGISTIC RELATIONSHIP

SAF can be the Saviour

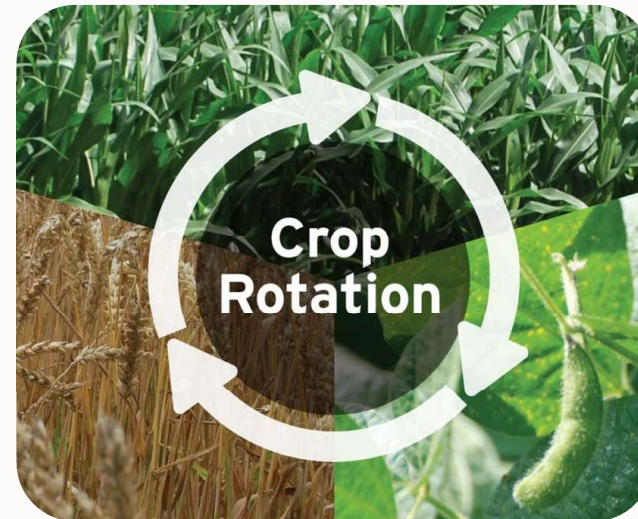
Food Vs. Fuel argument can be Food and Fuel!

Energy security and Food security go hand in hand, coupled with global security.

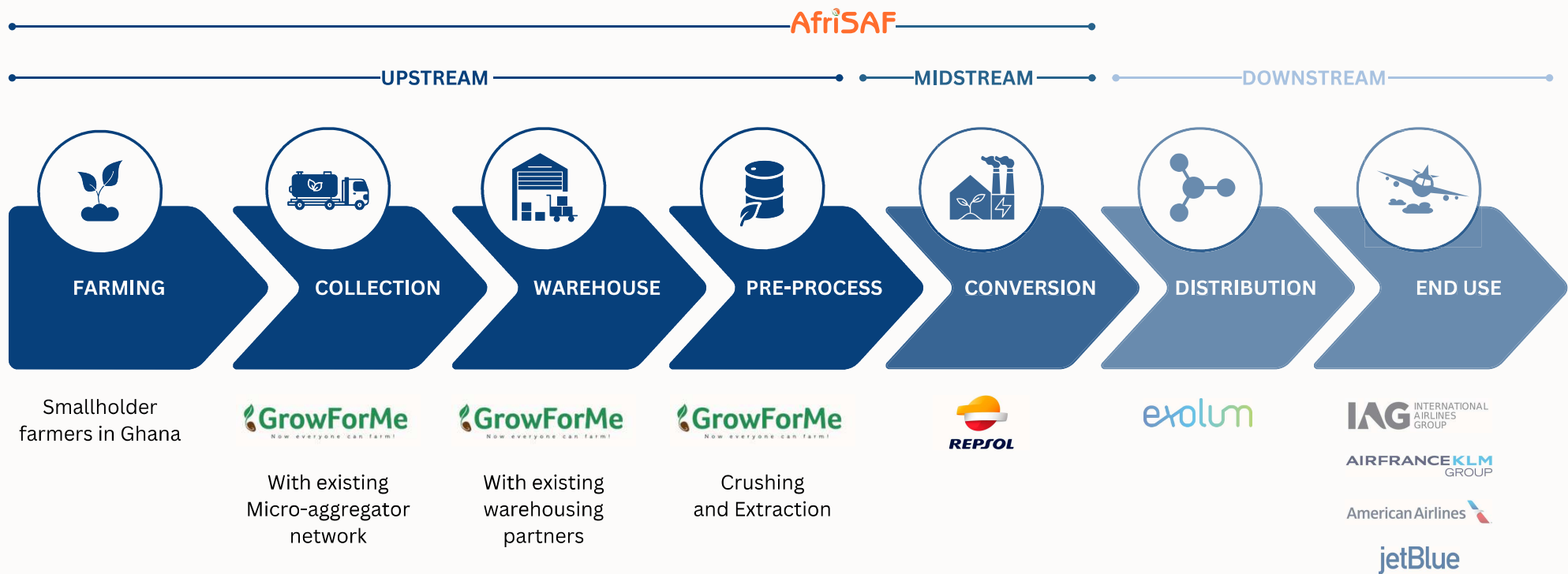
We look to use intercropping

We look to grow energy crops - rejuvenate the land, and restore its natural biodiversity.

- 🔥 Marginal land
- 🔥 Deserted land
- 🔥 Damaged land

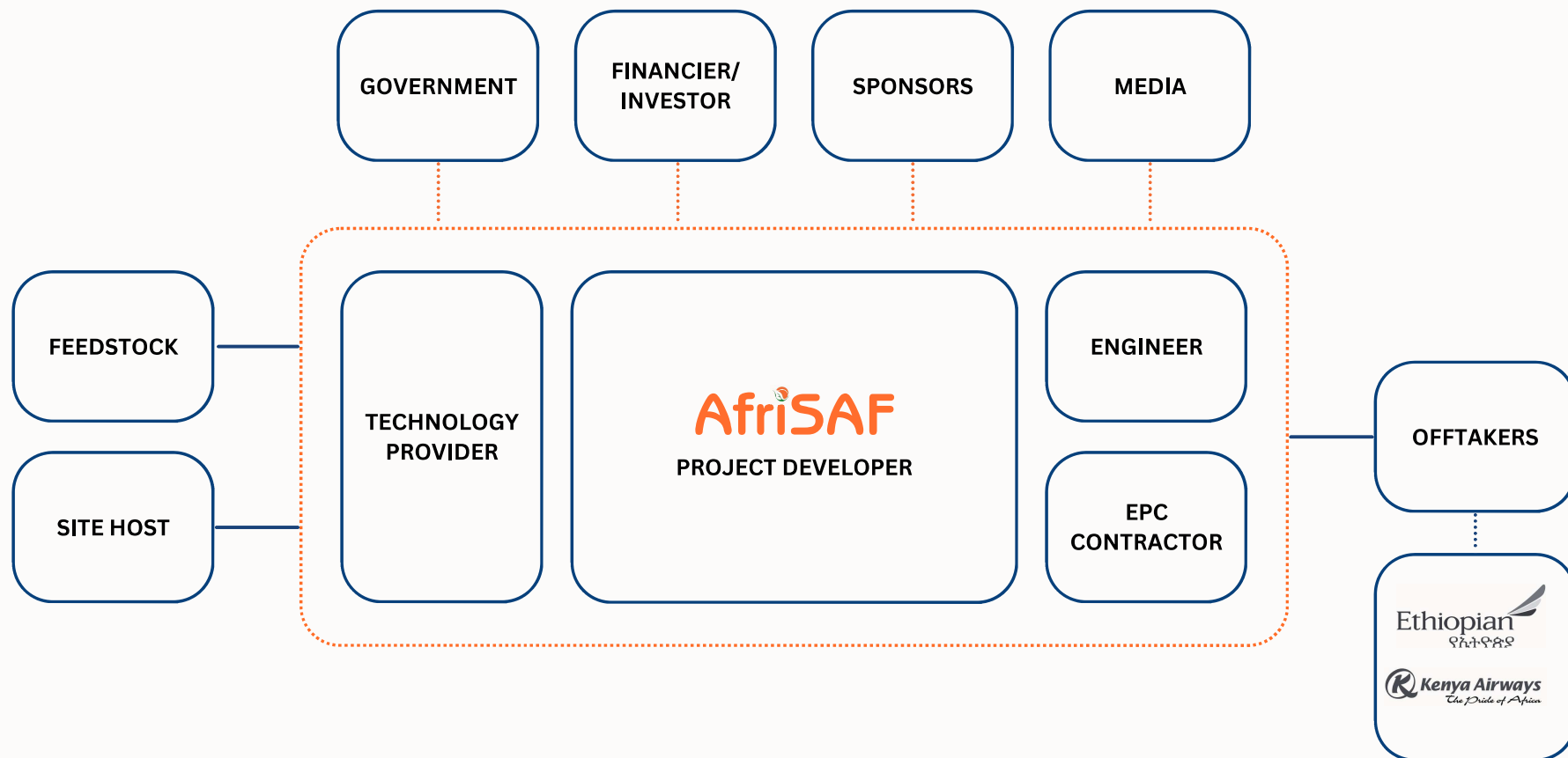


'GROW FOR ME' WILL PRODUCE BIO-FEEDSTOCKS, AFRISAF WILL ENABLE SAF AND BIOFUELS PRODUCTION



BUILD PLANTS

BIOFUELS AND SAF CONSORTIUM BUILDER



ROADMAP

SUSTAINABLE GROWTH FROM CONCEPT TO WORKING PROTOTYPE TO SCALE / PROJECT FINANCE

PHASE 1

MVP Development & Launch (Completed: Self Funded)



2025

Conversion of 1 acre Agricultural plant

- Converting waste to biogas
- Biogas cleaning to Biomethane
- Use of gas for cooking, power generation, and mobility

PHASE 2

Feasibility Studies & Initial Pilot Projects



2027

Consortiums

Completion of Feasibility studies

- Ghana SAF – Largest waste management company – (SAF)
- Uganda SAF - (ATJ/GTL - SAF)
- Ethiopia project - (HEFA / ATJ - SAF)
- Kenya project - (Dairy Collaborative - GTL)
- South Africa project (ATJ / PTL Plant)
- Nigeria (Co Processing Plant)

PHASE 3

Additional Consortiums (Pilot and Commercial scale projects)



2030 - ONGOING

Completion of Business

Implementation reports, securing firm off-takes, Reaching FID on projects, Pre-Feed and Feed, Project construction and commissioning.

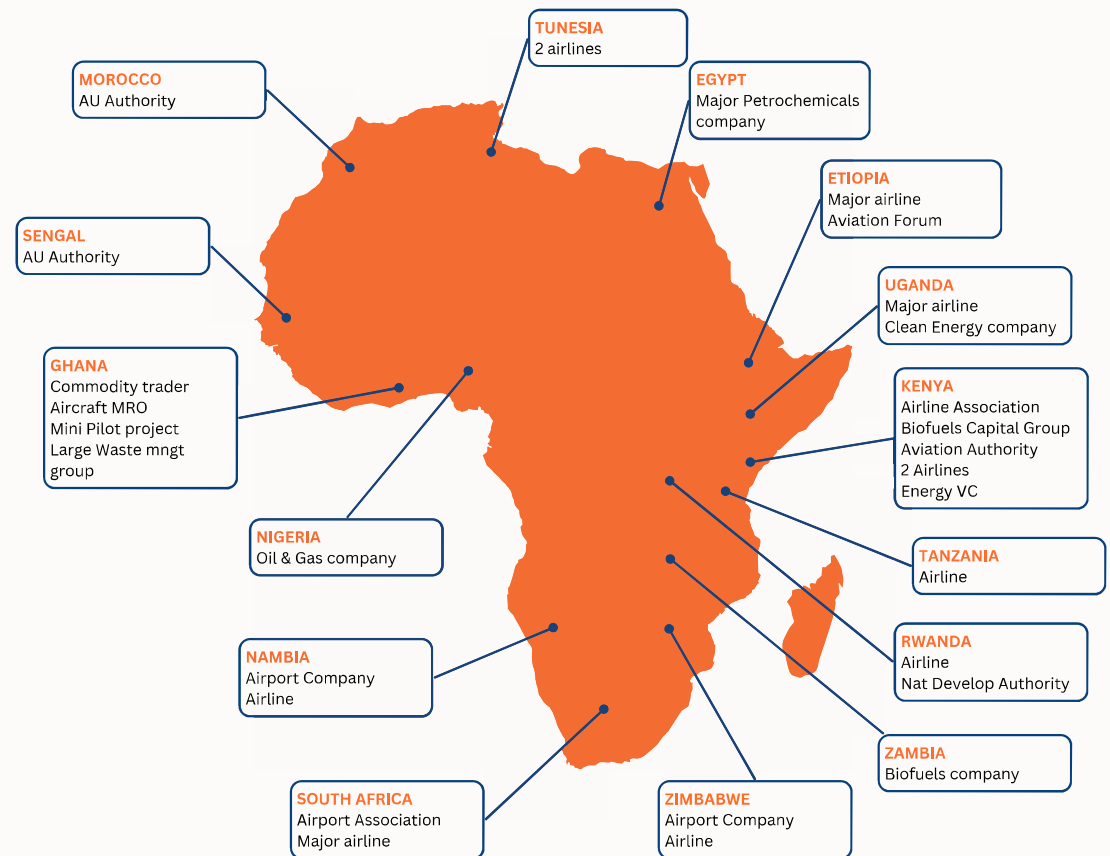
PARTNERS



AFRICAN PARTNERS ENGAGED BY AfriSAF

7 MOU'S IN PLACE

- 🔥 Airports
- 🔥 Governments
- 🔥 Aviation Authorities
- 🔥 Technology Providers
- 🔥 Feedstock Providers
- 🔥 Airlines
- 🔥 Off takers



FOOD | FEED | FUEL



AfriSAF

UNLOCKING THE RESOURCES OF AFRICA TO DRIVE
CIRCULARITY AND ENERGY TRANSITION

- 🔥 **Platform to unlock feedstock potential**
Bringing market awareness of feedstock to boost access and trading of feedstocks
- 🔥 **Abundant feedstocks in Africa**
Growing of bio-oils for SAF production
- 🔥 **Leveraging biomass**
Building plants across Africa

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AfriSAF