



# FUELSTOCK MADAGASCAR

A PRACTICAL RESPONSE TO CLIMATE CHANGE

«FUELSTOCK IS PROVIDING A PRACTICAL WAY FORWARD TO COMBAT POVERTY AND CLIMATE CHANGE»

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The World is facing increasing challenges from Climate Change leading to mass migration and instability resulting in increased poverty and desperation which provides a breeding ground for terrorism and extremism.

This has already led to a significant increase in political, economic and social tensions across the Middle East and Europe. Part of the solution is to improve the living conditions of the most vulnerable poor especially across rural Africa where population increase and the effects of Climate Change leading to soil erosion are already causing mass migration.

Fuelstock is now regarded in Madagascar (recently declared the World's poorest country not at war by the World Bank) as a practical example of making eroded land more productive in a warming climate.

Fuelstock has built schools and medical clinics providing qualified teachers and medical staff as well as providing clean water, food, electricity, education, health care and employment.

Not only are people now staying on the land – **people are actively migrating into the area in search of a better standard of living.**

## FUELSTOCK'S APPROACH

Fuelstock is cultivating Food Crops and Jatropha using eroded land. Jatropha Oil is used to substitute imported diesel and palm oil. Refined Jatropha is a high quality oil used by the pharmaceutical industry for skin and hair treatments.

The Jatropha plants protect food crops from animals while the tap root improves the soil thereby providing ideal conditions for food cultivation using poor quality soil. The Food crops attract an insect which eats the insects which eat the Jatropha.

Fuelstock is therefore proving Food and Energy crops can not only grow together but help each other - "Food for Fuel and Fuel for Food".

Fuelstock is also pioneering an organic approach by not only using organic manure to replace chemical fertilizer but is also producing an organic solution against insect attack by cultivating Neem trees which produce an oil to replace chemical pesticides.

It is therefore using eroded land to produce organic solutions to the problems of eroded land.

This is a major development in addressing Climate Change not only improving yields but also allowing rural farmers in Madagascar to access overseas markets by reducing reliance on toxic chemicals - thereby transforming the landscape and living standards across the whole country.

This is a model that can be replicated across the Developing World



Ecole



Clinique Médicale

# ACTIVITIES

## PLANTATION

Fuelstock has now developed 1.2 million jatropha plants producing high quality refined oil and is also cultivating several hundred thousand food crops for local consumption. The Neem trees can grow to over 20 feet and will produce oil each year substituting chemical pesticides.



Refined Jatropha oil from eroded land

## TRADING

Fuelstock exports 3 main products :

- **Kidney Beans**
- **Black Eye Peas**
- **Lima Beans**

Fuelstock works with farmers to source products using Fuelstock's organic approach to reduce the use of chemical fertilizers and pesticides. Products are meticulously selected in accordance with Fuelstock's detailed Procedures Manual. All products are analysed and tested for quality and hygiene before packing in three factories: Mahajanga for Black Eye Peas, Antananarivo for Kidney Beans and Tulear for Lima Beans.

**In this way Fuelstock's approach is replicated across Madagascar.**



Final Sorting of Kidney Beans



Kidney Beans ready for shipment



Lima Beans



Black Eye Peas exported to Portugal

## FUELSTOCK IS SUPPORTED BY :

- MAURITIUS COMMERCIAL BANK – MAURITIUS AND MADAGASCAR
- AGENCE FRANCAISE DE DEVELOPPEMENT FRANCE, MAURITIUS AND MADAGASCAR

## PARENT COMPANY :

FUELSTOCK INTERNATIONAL, MAURICE

## TRUST COMPANY :

AXIS TRUST COMPANY, MAURICE

## OPERATING COMPANY :

FUELSTOCK MADAGASCAR, MAHAJANGA

## SALES COMPANY :

FUELSTOCK MADAGASCAR, ANTANANARIVO



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**FUELSTOCK MADAGASCAR**