



AN LLT AGRI-TECH, FOOD SECURITY INITIATIVE

PROJECT OVERVIEW



Republic of Namibia





NAMIBIA NEEDS FOOD

Namibia is a young democracy in Sub-Saharan Africa with a population of approximately 2.5 Million people. The country's agricultural sector has been slow to keep up with the increasing population. As a consequence, approximately 60% of the food required to feed the nation is imported. The elevated cost of these imported foods means a large proportion of the population consume food with low nutritional value.

Despite vast tracts of available arable land and abundant water resources (both above and below ground), the agricultural sector has struggled to capitalise. This is largely due to a lack of investment, technical knowledge and available technologies.

In conjunction with our various global partners, it is our aim for the "Food Strong Namibia" initiative to be a vector for an accelerated change in the food production landscape in Namibia which we believe will empower this beautiful country to become a self sufficient producer with food security at its foundation.



THE “FOOD STRONG” SOLUTION

The long term intention of the **Food Strong Namibia** program would be to establish 3 distinct food production and processing zones which have access to large amounts of arable land, with high quality soil and strong water resources, as well as good transport connections to relevant markets. They are:

- Otavi Region - Central Namibia
- Kavango Region - North Namibia
- Neckartal Dam - South Namibia

The **Food Strong Namibia** program is currently in the process of securing initial sites in Otavi and Kavango.

The program aims to increase food production in Namibia through five distinctive mechanisms in each of the production zones. Our belief is that these key mechanisms need be initiated simultaneously in order to make a true difference to feed security in a Namibian context.



THE “FOOD STRONG” SOLUTION

Primary Production area

Primary production will take place on parcels of land secured by Food Strong Namibia in the range of 600ha to 3,000ha. One quarter of developed land on each site will be utilised for the production of potatoes. The remainder will be used for staple food production, including maize and wheat.

Empowerment Production areas

Namibia has a substantial amount of unutilised arable land in possession of either the government, or private individuals who do not have the resources or skills to develop the land into a viable food production asset. **Food Strong Namibia** aims to empower these organisations and individuals by assisting them to develop the land and operate them successfully. Support will come in the form of:

- Provision of pivots and mobile drip irrigation on a lease to own basis
- Rental of tractors and impliments required
- Chemical and fertiliser supply
- Planting and harvesting services
- Full agronomy services and insurance
- Guaranteed purchase of all crops at market prices
- **Costs to be paid for against product delivered**



“FOOD STRONG” SUSTAINABILITY

Processing Facilities

Each of the allocated production zones will be furnished with handling, processing and milling facilities for all crops produced as part of the program. These will include Potatoes, Maize and Wheat.

Food Strong Namibia will undertake primary production of the food goods and market them into the Namibian food supply chain.

Anticipated yields per production zone:

- Potatoes - 20,000 Ton Per Annum
- Maize - 16,000 Ton Per Annum
- Wheat - 6,000 Ton Per Annum

Sustainable Solutions

All irrigation, cropping and production facilities will be operated “off grid” using extensive solar and hydroelectric power generation.

In addition, cropping at all sites will be supported with the use of drones for spraying and crop analysis resulting in significant fuel savings and the associated carbon output.



“FOOD STRONG” EDUCATION

“Give a man a fish and feed him for a day, teach a man to fish and feed him for a lifetime”

Education is key to empowerment and we embrace that concept. As such, we aim to offer a vocational education scheme for the participants in the Food Strong Namibia program. We aim to furnish the participants with the skills to be successful and sustainable farmers in their own rights. Key education outcomes we aim to deliver:

- Farm Management
- Crop Management
- Soil Health and Irrigation
- Business Management
- Marketing
- Computer Skills
- Logistics Management
- Vehicle Mechanics