

BUSINESS TITLE	GREEN AGRICULTURAL TECHNOLOGIES
Description of Business	<p>Manufacturing Consultancy Services proposes to establish a bio diesel cultivation business that incorporates regional farmers. The farmers will be trained on the basic horticulture practice of growing <i>Jatropha Curcas</i>, mosquito repellent wild basil, and neem trees for the production of bio-pest repellent.</p> <p>During the first year one hundred farmers will have their ground leveled by a mechanical ripper with 1 meter spacing intervals. Inputs such as fertilizers, herbicides, equipment and seeds will be provided and the consequent training.</p> <p>Although it will take 4-6 years before the plants can produce the oil needed to generate revenue due to their natural bio-rhythm, from 100 farmers the entity will increase the farmers on a monthly basis until it reaches 250,000 farmers. At this stage the economic impact of the revenue derived from bio fuel will be substantial.</p> <p>The funds will be used to first establish 100 farms in the north with seeds, extension services and ploughing.</p>
Thematic / Functional Area	Agri-business Agri-technology
Duration From Start to Date of Operations Commencement	3 years training
Planned Start Date	As soon as the funds are available
Geographical Location/s and Climatic Conditions	Northern regions of Namibia. The combined regions have a sub tropical climate, with very hot summers and mild winters. The mean maximum temperature lies at 29.7° C, while the mean minimum temperature is 14.4° C. The average rainfall is 555 mm per annum.
Business Objectives	<ol style="list-style-type: none"> 1. Development and sustainability of a bio diesel production model; 2. Empowerment of local farmers; and 3. Supply chain expansion.
Project Requirements/Activities	<ol style="list-style-type: none"> 1. Training of 100 farmers for land preparation; 2. Procure mechanical and manual oil extraction equipment; and 3. Distribution chain.
Key Outputs	<ol style="list-style-type: none"> 1. Bio diesel; 2. Bio pest repellent; and 3. Mosquito repellent.
Project Documentation Status	Business plan is available.
Market	<p>Local – within Namibia</p> <p>Regional – SADC countries and further north</p> <p>Export – outside Africa</p>

Perspectives

With the current agricultural drive by the government and the need to identify solutions which will empower previously disadvantaged individuals, the entity has identified a viable business model.

World over there is a great need for bio diesel products and with bi products such as paraffin, soap and mosquito repellent, the regions will benefit from the projects.

Potential Funding Agents

1. Government;
2. Private Equity; and
3. Financial Institutions.

**Total Estimated Cost
Existing Level of
Funding**

N\$2,600,000
None.

**Additional Funding
Required**

N\$2,600,000

**Implementation Agents
Contact Person**

Manufacturing Consultancy Services and Investor
Horst Heimstadt
Director
Cell: +264 81 272 3413
Email: heim@mweb.com.na