

# MAJOR INVESTMENT & PROJECT OPPORTUNITIES IN NAMIBIA 2010/11



*NAMIBIA, a Gem worth Investing in...*



## AGRICULTURE

PROJECT TITLE	GOAT'S MILK PRODUCTION
<b>Description of project</b>	Livestock for both subsistence and commercial is the main source of income for farmers in the Omaheke Region. The region has the highest number of livestock in Namibia due to the excellent grazing land. The promoter therefore seeks a technical partner / investor to set up a company that will rear its own goats and process the milk from the goats into cheese and other related products, which will be the first project of this nature in the Region.
<b>Thematic / Functional Area</b>	Agro processing – production of milk and related products
<b>Estimated project implementation date</b>	1 year
<b>Geographical Location/s</b>	Omaheke region
<b>Potential Funding Agents</b>	Technical Partner Local financial institutions
<b>Total Estimated Cost</b>	To be determined
<b>Existing Level of Funding</b>	Nil
<b>Additional Funding Required</b>	To be determined
<b>Business Objectives</b>	To create a self sustaining goat milk production and processing project.
<b>Project Requirements/Activities</b>	<i>Feasibility study to be done to assess the viability of the project; Depending on the results of the feasibility study, business plan to be prepared detailing how the operations will be conducted. This will be used to secure the appropriate funding; Identification of Technical Partner; and Construction of the processing plant.</i>
<b>Contact Person</b>	Ms L.V McLeod Governor Omaheke region Omaheke Regional Council P Bag 2277 Gobabis Namibia Tel: +264 62 563191 Cell: +264 81 1288645 Email: <a href="mailto:lmcleod@omrcouncil.com.na">lmcleod@omrcouncil.com.na</a>

<b>PROJECT TITLE</b>	
<b>AGRO-FOOD PROCESSING AND FRESH PRODUCE MARKET INFRASTRUCTURE DEVELOPMENT</b>	
<b>Description of Project</b>	<p>The Namibian Government intends increasing the local production, processing and marketing of fruit and vegetables and other horticultural products. The ultimate aim is to increase production, improve food preservation and to diversify export products. The initiative therefore intends to establish appropriate infrastructure in various towns to facilitate marketing, processing and value addition for farmers. The fresh product markets will be supported by electronic systems to link and service the markets. Marketing agents will facilitate marketing to wholesalers, retailers, hawkers and individuals.</p> <p>Namibia has a great economic potential that still needs to be unlocked and exploited in a sustainable manner for the benefit of the local population. While some of the economic resources in the country have been developed to a certain extent, most resources have been under-utilized due to financial, technological, marketing and transport constraints. The agro -food processing initiative forms part of a greater national strategy to identify and remove the existing barriers to development and to create an environment conducive to the unlocking of development opportunities in the country. The development of the transport infrastructure (mainly the air, railway line and roads to Angola as well as the ports) is opening the trade with landlocked areas north of Namibia on the continent. Agriculture provides employment and income to the majority of the population in Namibia. If the agricultural yield could be enhanced and value could be added to these products, Namibia’s domestic economy could be transformed positively.</p> <p>The Namibian fresh produce consumption is estimated at N\$200 million (93 000 tons) per annum, of which 80% according to value is imported from South Africa. Local production amounts to only 33000 tons worth N\$ 35 million.</p>
<b>Project Objectives</b>	<p>Against this background, it can be stated that the Country has at its disposal the resources to grow a wide range of fruit and vegetables. The Ministry of Agriculture, Water Forestry, in support of Vision 2030 and the National Development Plans II and III, has brought forward the Green Scheme for the enhancement of agricultural production under irrigation in Namibia in combination with the Horticulture Infrastructure Development Scheme to ensure the marketability of agronomic production outputs. Food processing capacity shall therefore contribute to the increased production output.</p> <p>The implementation of both schemes has been evaluated in macro - and socio – economic context over a period of 15 years during which 27,000 hectares are to be developed under irrigation. Utilizing these resources, Government can achieve the following objectives:</p> <ul style="list-style-type: none"> <li>• increased self-sufficiency of fruit and vegetables</li> <li>• increased food security</li> </ul>

	<ul style="list-style-type: none"> <li>• decreased economic dependency on South Africa</li> <li>• increased employment opportunities</li> <li>• decreased poverty levels</li> <li>• improvement of quality and standards</li> <li>• decreased capital outflow from Namibia</li> <li>• increased processing and value addition potential</li> <li>• increased export possibilities</li> <li>• increased overall economic development</li> </ul>	
<b>Project Requirements</b>	<p>The marketing infrastructure should fulfill the following functions:</p> <ol style="list-style-type: none"> <li>1. Provide logistical mechanisms to collect farmers' produce from collection hubs, especially in the communal areas.</li> <li>2. Provide a delivery point where farmers can sell their products</li> <li>3. Provide facilities where the products can be received, cleaned, graded, packed, cooled, processed and stored as applicable.</li> <li>4. Provide a market floor where products can be sold to individual customers like wholesalers, retailers, hawkers and individuals</li> <li>5. Provide logistical mechanisms to transport produce between different markets to ensure continued and reliable supply</li> <li>6. Provide electronic communication facilities between markets</li> <li>7. Ensure quality and Branding of Namibian products.</li> </ol> <p>Development Partners are therefore required to assist with the planning, design and installation of appropriate equipment and technology to achieve the above objectives.</p>	
<b>Project Outputs (Processing and Value Addition Examples)</b>	<ol style="list-style-type: none"> <li><b>1 Nuts, Edible oils &amp; Derivatives</b></li> <li><b>2 Cold Processing of Fruits &amp; Vegetables</b></li> <li><b>3 Hot Processing of Fruits &amp; Vegetables</b></li> <li><b>4 Organic &amp; other crop production</b></li> <li><b>5 Secondary Grain processing</b></li> </ol>	<p>Roasted Groundnut Products Groundnut Butter, Margarine Manufacturing Edible Oil extracted from Sunflower &amp;/or Groundnuts Other Sorting, Packaging, Portioning Ripening &amp; de-greening Plants (bananas) Pulping, Fruit juices &amp; concentrates &amp; Other Cooking, frying, Puree, Canning &amp; Jarring Deep frozen products Jam, relishes and ajar , Drying and preservation, UHT - fruit juices &amp; concentrates &amp; Other</p> <p>Mushrooms, Cash crops &amp; Other</p>

	<p><b>6 Secondary Meat processing</b></p> <p><b>7 Broad-spectrum Processing SME</b></p>	<p>Cereals, Bakeries, Animal feed plant &amp; Other Cannery Frozen blocks of soups, sauces and stocks for catering industry Other</p> <p>Incubator Park, Ready-made-meals Commercial Kitchen</p>
<b>Thematic/functional area</b>	<p>Agriculture – Production &amp; Marketing of fresh produce Agribusiness – Processing of produce into higher value products</p>	
<b>Estimated project implementation timeframe</b>	Five years	
<b>Planned start date</b>	2008	
<b>Geographical location</b>	<p>Windhoek - Khomas Region Rundu - Kavango Region Oshakati/Etunda - Oshana or Omusati Region To be expanded to other Regions later</p>	
<b>Potential funding agents</b>	<p>Development Partners (Government of Japan) required to participate in planning, design and development of infrastructure, technology and operation thereof. Public-Private Partnerships (PPP) encouraged.</p>	
<b>Total estimated cost</b>	N\$ 240,000,000	
<b>Existing level of funding</b>	Limited	
<b>Additional funding required</b>	N\$ 200,000,000	
<b>Business objective</b>	<p>Development and implementation of an appropriate horticulture marketing and processing model and infrastructure. Appointment of Marketing agent/operator</p>	
<b>Project requirements/activities</b>	<ul style="list-style-type: none"> <li>• Design marketing model.</li> <li>• construct infrastructure with appropriate technology and operate on a sustainable basis</li> </ul>	
<b>Key outputs</b>	<p>Infrastructure designs Economic viable marketing model Food self-sufficiency Job creation Agro-industries Value addition Export opportunities</p>	
<b>Implementation agents</b>	Ministry of Agriculture, Water and Forestry + Development Partners	

<b>Project documentation status</b>	Consultancy reports on the development of marketing and processing infrastructure are available.
<b>Market</b>	Local production Imported substitution Export of processed products
<b>Perspective</b>	<p>The majority (&gt;80%) of food commodities consumed in Namibia are imported. Agro-food markets in Namibia show adequate value and therefore the potential for import substitution have been recommended by past studies. The estimated value of food imports from South Africa in 2001 was on average N\$500 million per annum. The domestic market in Namibia is characterized by the urban and rural market segments. Consumers in these two market segments represent different sentiments and consumer habits with regards food product and brand preferences. Although international markets are huge, a number of factors complicate the penetration of these markets at the infant stages of agro-food processing ventures in the Namibian context. Angola is currently supplied produce mainly from South Africa, but with the proximity of Angola to Namibia, the Angolan market could be incorporated into the scheme.</p> <p>The market potential for Namibian producers is therefore to replace most of the current ± N\$140 million of chilled imported produce. Only apples, pears and plums will theoretically not be replaceable, since the production climate for these products is not readily found in Namibia.</p>
<b>Contact Person</b>	<p>Andrew Ndishishi Permanent Secretary Ministry of Agriculture, Water and Forestry Private Bag 13184 Windhoek Tel: +264-61-208 7695 Fax: +264-61-208 7767 E-mail:</p>

<b>PROJECT TITLE</b>	
<b>GREEN SCHEME IRRIGATION PROJECT AT SENDELINGSDRIF</b>	
<b>Description of project</b>	<p>This Green Scheme Irrigation Project endeavors to uplift small-scale irrigation farmers to a level of self-sustainability, as well as commercial and export orientated production. The 306 ha project will host one or more service providers farming for profit on part of the area, while rendering services on a cost recovery basis to the small-scale farmers on their 4 ha units, also including mentoring and skills transfer.</p> <p>The climatic conditions are harsh, but offer unique opportunities for production of certain crops during out of season periods when competition is low and demand is high</p> <p>As per Green Scheme Policy, Government will assist with funding of infrastructure, i.e. bulk water supply, electricity and roads up to field edge. The bulk, as well as on-land development costs are high and needs assistance from Development Partners, because the individual small-scale farmers would not be able to afford it.</p>
<b>Thematic/functional area</b>	<p>Agriculture – High value crop production such as table grapes, dates, aromatic plants for the production of essential oils, vegetables (fresh and processed) for niche markets</p> <p>Agro-industries – marketing, processing, value addition</p>
<b>Estimated project implementation timeframe</b>	<p>Three years</p> <p>Year 1 &amp; 2: Design of development of bulk infrastructure. Selection and training of small-scale farmers.</p> <p>Year 3: On-land infrastructure development</p>
<b>Planned start date</b>	2009
<b>Geographical location</b>	Rosh Pinah, Karas Region, south of Namibia
<b>Potential funding agents</b>	<p>Development Partners required to participate in financing and development of infrastructure and operation thereof.</p> <p>Public-Private Partnerships (PPP) encouraged.</p>
<b>Total estimated cost</b>	N\$215,000,000
<b>Existing level of funding</b>	Limited. Government to budget
<b>Additional funding required</b>	<p>N\$ 180,000,000</p> <p>Grants and soft loans to be secured</p>
<b>Business objective</b>	Development Partners required to participate in irrigation development and service provision. Public-Private Partnerships to take up business opportunities for agricultural production, processing and export.
<b>Project requirements/activities</b>	<ul style="list-style-type: none"> <li>• Design of bulk infrastructure</li> <li>• On-land investment for high value crop production based on business plans</li> <li>• Assistance to Small Scale Farmers</li> </ul>
<b>Key outputs</b>	<p>Business plans</p> <p>Infrastructure development</p> <p>Increased high value crop production</p> <p>Increased exports to international markets</p> <p>Establishment of conducive environment for the settlement of individual small-scale irrigation farmers.</p> <p>Job creation</p> <p>Value addition</p>
<b>Implementation agents</b>	Ministry of Agriculture, Water and Forestry + Development Partners

<b>Project documentation status</b>	Feasibility study done in 2005
<b>Market</b>	International Export markets Local and regional market
<b>Perspective</b>	Unique climate and remoteness offer potential for organic farming and niche markets
<b>Contact person</b>	Andrew Ndishishi Permanent Secretary Ministry of Agriculture, Water and Forestry Private Bag 13184 Windhoek Tel: +264-61-208 7695 Fax: +264-61-208 7767 E-mail:

## MANUFACTURING

PROJECT TITLE		DEVIL'S CLAW PRODUCTION	
Description of project	Devil's claw is ( <i>scientific name: harpagophytum</i> ) is a perennial vine that has a tap root with storage tubers that can be processed to make medicine for rheumatism, pain relief, loss of appetite, arthritis etc. This plant is found in the Omaheke Region in the Kalahari Desert areas. There is a huge demand for this product in Europe hence the promoter seeks a partner to set up a processing plant which will result in the exportation of a finished product, unlike currently where the raw material is being exported.		
Thematic / Functional Area	Manufacturing – medicine production		
Estimated project implementation date	1 year		
Geographical Location/s	Kalahari Desert Area, Omaheke region.		
Potential Funding Agents	Local financial institutions Private equity firms Development banks		
Total Estimated Cost	To be determined.		
Existing Level of Funding	Nil		
Additional Funding Required	To be determined.		
Business Objectives	To set up a first devil claw processing plant that increases value addition to the devil claw thereby increasing export capacity of Namibia.		
Project Requirements/Activities	<ul style="list-style-type: none"> <li>• <i>Feasibility study to be done to assess the viability of the project;</i></li> <li>• <i>A detailed business plan to be prepared detailing how the operations will be conducted. This will be used to secure the appropriate funding;</i></li> <li>• <i>Technical Partner to be identified;</i></li> <li>• <i>Project's premises to be identified and processing plant constructed;</i></li> </ul>		
Key Outputs	Feasibility study and Business plan Running the project with a technical partner Construction of processing plant		

<b>Implementation Agents</b>	Omaheke Regional Council and Technical Partner
<b>Contact Person</b>	Ms. L.V. Mcleod, Governor, Omaheke Regional Council Private Bag 2277, Gobabis, Namibia Tel. +264 62 563191 Cell. +264 811288645 lmcleod@omrcouncil.com.na

<b>PROJECT TITLE</b>		<b>DETERGENT MANUFACTURING</b>	
<b>Description of Project</b>	The Ministry of Trade and Industry commissioned a feasibility study into the establishment of a detergent manufacturing plant in the country. The plant will manufacture dish washing products, clothes washing detergents and household cleaning agents. The study has shown that such a plant is viable if the right skilled labour is employed, the right quality is produced and that there is reliability of supply. The Ministry is therefore looking for interested investors to undertake this project. It is envisaged that such a project will reduce dependency on imports and create employment opportunities for the locals.		
<b>Thematic / Functional Area</b>	Manufacturing		
<b>Duration</b>	N/A		
<b>Planned Start Date</b>	To be determined		
<b>Geographical Location/s</b>	Windhoek		
<b>Potential Funding Agents</b>	Private equity firms Financial Institutions Technical Partner		
<b>Total Estimated Cost</b>	<i>Estimated cost of setting up the project N\$ 600 000.</i>		
<b>Existing Level of Funding</b>	Nil		
<b>Additional Funding Required</b>	N\$ 600 000		
<b>Business Objectives</b>	Reduce dependence on imports		
<b>Project Requirements/Activities</b>	<ul style="list-style-type: none"> <li>• <i>Business plan</i></li> <li>• <i>Identification of a technical partner</i></li> <li>• <i>Setting up of a plant</i></li> </ul>		
<b>Key Outputs</b>	<ul style="list-style-type: none"> <li>• Identification of technical partner/funds</li> <li>• Project preparation for design &amp; construction proposal</li> <li>• Construction of an appropriate size plant taking into account the current market demands as well as the anticipated growth.</li> </ul>		
<b>Implementation Agents</b>	Project Promoters and technical partner		
<b>Contact Person</b>	Ministry of Trade and Industry Project Planning Unit Tel. +264 61 283 7111		

<b>PROJECT TITLE</b>		<b>FERTILISER MANUFACTURING PLANT</b>	
<b>Description of Project</b>	The Project Promoters would like to set up a fertilizer manufacturing plant. Three feasibility studies conducted in 2000, 2001 and 2004 have all shown that the project is technically, economically and financially viable. One of the major raw material, salts (NaCl), is found in abundance in the country. The Promoters are therefore looking for interested investors/ technical partners to undertake this project.		
<b>Thematic / Functional Area</b>	Manufacturing		
<b>Duration</b>	N/A		
<b>Planned Start Date</b>	2009		
<b>Geographical Location/s</b>	Walvis Bay		
<b>Potential Funding Agents</b>	Private equity firms Financial Institutions Technical Partner		
<b>Total Estimated Cost</b>	<i>Estimated cost of setting up the project N\$ 34 million.</i>		
<b>Existing Level of Funding</b>	Nil		
<b>Additional Funding Required</b>	N\$ 34 million		
<b>Business Objectives</b>	To set up a compound fertilizer facility to provide needs of local agricultural and industrial needs as well as export to southern African countries.		
<b>Project Requirements/Activities</b>	<ul style="list-style-type: none"> <li>• <i>Upgraded Feasibility Study and Business plan</i></li> <li>• <i>Identification of a technical partner</i></li> <li>• <i>Setting up of a plant</i></li> </ul>		
<b>Key Outputs</b>	Setting up a world class plant that would be able to serve the needs of the local as well as the regional market.		
<b>Implementation Agents</b>	Project Promoters and technical partner		
<b>Project Documentation Status</b>	Only a feasibility study document is available.		
<b>Market</b>	Local and Regional		
<b>Contact Person</b>	Ministry of Trade and Industry Project Planning Unit Tel. +264 61 283 7111		

<b>PROJECT TITLE</b>		<b>KHOMAS ROOF SHEETS PROJECT</b>
<b>Description of Project</b>	Khomas Roof Sheets Experts intend to manufacture roof sheets for the building / construction industry. Presently 90% of all the roof sheets used in Namibia are imported from South Africa. With the booming of the construction industry in the country, the promoters believe this project presents an excellent opportunity to be realized. The Promoters are therefore looking for funding / technical partners to set up this project.	
<b>Thematic / Functional Area</b>	Manufacturing	
<b>Planned Start Date</b>	2009/10	
<b>Geographical Location/s</b>	Windhoek	
<b>Potential Funding Agents</b>	Private equity firms Financial Institutions Technical Partner	
<b>Total Estimated Cost</b>	<i>Estimated cost of setting up the project N\$ 3 million.</i>	
<b>Existing Level of Funding</b>	Nil	
<b>Additional Funding Required</b>	N\$ 3 million	
<b>Business Objectives</b>	Set up a roof sheet plant to take advantage of the booming construction industry	
<b>Project Requirements/Activities</b>	<ul style="list-style-type: none"> <li>• <i>Upgraded Feasibility Study and Business plan</i></li> <li>• <i>Identification of a technical partner</i></li> <li>• <i>Setting up of a plant</i></li> </ul>	
<b>Key Outputs</b>	Setting up a world class plant that would be able to serve the needs of the local as well as regional markets.	
<b>Implementation Agents</b>	Project Promoters and technical partner	
<b>Project Documentation Status</b>	Only a business plan (done in 2003) is available.	
<b>Market</b>	Local and Regional	
<b>Perspectives</b>	Employment creation and contribution to the manufacturing base of the country.	
<b>Contact Person</b>	Ministry of Trade and Industry Project Planning Unit Tel. +264 61 283 7111	

<b>PROJECT TITLE</b>		<b>CHLORINE MANUFACTURING PLANT PROJECT</b>	
<b>Description of Project</b>	The Ministry of Trade and Industry commissioned a feasibility study in 2003 for the establishment of a chlorine and caustic soda manufacturing plant. Presently chlorine and caustic soda is imported from South Africa. The proposed plant is intended to produce these chemicals for detergent factories, plastics, paints and pharmaceutical industries, mining, textile and metallurgical industries. The study showed that such a plant is viable. Hence, the Ministry of Trade and Industry is looking for interested investors to undertake this project.		
<b>Thematic / Functional Area</b>	Manufacturing		
<b>Duration</b>	N/A		
<b>Planned Start Date</b>	To be determined		
<b>Geographical Location/s</b>	Windhoek		
<b>Potential Funding Agents</b>	Private equity firms Financial Institutions Technical Partner		
<b>Total Estimated Cost</b>	<i>Estimated cost of setting up the project N\$ 46.5 million.</i>		
<b>Existing Level of Funding</b>	Nil		
<b>Additional Funding Required</b>	N\$ 46.5 million		
<b>Business Objectives</b>	To reduce Namibia's chemical industry heavy import dependency on primary chemicals		
<b>Project Requirements/Activities</b>	<ul style="list-style-type: none"> <li>• <i>Business plan</i></li> <li>• <i>Identification of a technical partner</i></li> <li>• <i>Setting up of a plant</i></li> </ul>		
<b>Key Outputs</b>	Project preparation for design & construction proposal Construction of an appropriate size plant taking into account the current demands as well as the anticipated growth.		
<b>Implementation Agents</b>	Project Promoters and technical partner		
<b>Project Documentation Status</b>	A feasibility study document done in 2003 is available.		
<b>Perspectives</b>	Employment creation and contribution to the manufacturing base of Namibia		
<b>Contact Person</b>	Ministry of Trade and Industry Project Planning Unit Tel. +264 61 283 7111		

<b>PROJECT TITLE</b>		<b>BUSH-WOOD FIBRE IN THERMOPLASTIC PRODUCTION PROJECT</b>	
<b>Description of Project</b>	Namibia has a vast amount of bush-wood fibre that can be used as a raw material in the thermoplastic production processes. The end users of bush-wood fibre plastics (WPC) are construction, motor vehicle and furniture industries. The promoter requires funding for this project.		
<b>Thematic / Functional Area</b>	Manufacturing		
<b>Duration</b>	To be determined		
<b>Planned Start Date</b>	To be determined		
<b>Geographical Location/s</b>	Khomas region		
<b>Potential Funding Agents</b>	Financial Institutions Technical Partner Private equity firms		
<b>Total Estimated Cost</b>	<i>Estimated cost EUR 428 150</i>		
<b>Existing Level of Funding</b>	Nil		
<b>Additional Funding Required</b>	EUR 428 150		
<b>Business Objectives</b>	To use bush-wood fibre as filler in the thermoplastic production process so as to improve product stiffness at a lower cost.		
<b>Project Requirements/Activities</b>	<ul style="list-style-type: none"> <li>• <i>Feasibility Study and Business plan.</i></li> <li>• <i>Identification of an investor.</i></li> </ul>		
<b>Key Outputs</b>	Construction of a processing plant. Commencement of production.		
<b>Implementation Agents</b>	Project Promoters.		
<b>Project Documentation Status</b>	Only a research report is available		
<b>Market</b>	Local and export		
<b>Perspectives</b>	Employment creation and contribution to the manufacturing base of the country		
<b>Contact Person</b>	Ministry of Trade and Industry Project Planning Unit Tel. +264 61 283 7111		

## MINING

PROJECT TITLE <i>MINING</i> BLACK RANGE GRAPHITE PROJECT	
<b>Description of Project</b>	The Project Promoters would like to set up a processing plant for black range graphite. According to preliminary studies, large disseminated flake graphite deposit is hosted by strongly weathered sillimanite-muscovite cordierite and quartz-feldspar-graphite gneisses of the Sukses formation. The graphite member is located in the core zone of a broad overturned anti-form. The grade and tonnage of the graphite deposit was estimated using a 20 per cent carbon cut-off. Calculations were based on percussion drilling (4478 m) and 61 diamond drill holes (4125 m). Tonnage estimates using Section polygon method indicate 12.46 million tons ore with a grade of 4.63 CGR per cent. Tonnage estimates using block Kriging indicate 4.21 million tons ore with a grade of 4.21 CGR per cent.
<b>Thematic / Functional Area</b>	Mining
<b>Duration</b>	To be determined
<b>Planned Start Date</b>	To be determined
<b>Geographical Location/s</b>	The deposit is situated some 38 km west of Usakos on the farm Black Range 72. The main export harbor is at Walvis Bay situated 140 km towards the south.
<b>Potential Funding Agents</b>	Technical Partners; Venture Capital; and Donors
<b>Total Estimated Cost</b>	N\$ 2 million
<b>Additional Funding Required</b>	Full Funding required
<b>Existing Level of Funding</b>	None
<b>Business Objectives</b>	The goal is to set up a processing plant for the extraction of Black range graphite.
<b>Project Requirements/Activities</b>	<ul style="list-style-type: none"> <li>• <i>Conduct a feasibility study and if results feasible</i></li> <li>• <i>Raise funds to provide additional mining and processing plant equipment and working capital</i></li> </ul>
<b>Key Outputs</b>	Feasibility study report Establishment of a processing plant
<b>Implementation Agents</b>	Ministry of Mines and Energy
<b>Project Documentation Status</b>	Pre-feasibility category

<b>Market</b>	Overseas
<b>Perspectives</b>	Project has the potential of increasing the range of mineral products mined in the country
<b>Contact Person</b>	Mr. Erasmus Shivolo Director of Mines Ministry of Mines and Energy Windhoek, Namibia Tel. +264 61 284 8301 Fax. +264 61 284 8299

<b>PROJECT TITLE</b>	
<b>SANDMAP NORTH GOLD PROJECTS</b>	
<b>Description of project</b>	Since the discovery of gold at Navachab, Karibib/Usakos area has been the centre of gold exploration. A sample of limonite sampled from Sandmap North assayed 18.6 g/t Au. Additional sampling revealed the presence of a 2500m long zone of auriferous, ferruginous and jarositic schist, ferruginous quartz veins, gossan stringers and zones of alterations. Ore mineral include native gold, lollingite arsenopyrite, pyrrhotite, pyrite and galena. Current reserves are estimated at 254 000 tons at an average grade of 5g/t. Estimate is based on the subvertical/steep dipping ore body and calculation to the 100 m level. The promoters are therefore looking for potential technical partners to continue with further exploration work and determine the feasibility of establishing a full scale gold mining company.
<b>Thematic / Functional Area</b>	Mining
<b>Estimated project implementation date</b>	To be determined
<b>Planned Start date</b>	To be determined
<b>Geographical Location/s</b>	Sandmap North 115 is situated approximately 30 km west of Usakos, Namibia.
<b>Potential Funding Agents</b>	Technical Partner, Venture Capitalists
<b>Total Estimated Cost</b>	To be determined
<b>Existing Level of Funding</b>	None
<b>Additional Funding Required</b>	Full funding required
<b>Business Objectives</b>	To establish a full scale gold mine in Usakos
<b>Project Requirements/Activities</b>	<i>Prepare a detailed feasibility study; Project funding; and Identification of a technical partner Continue with further exploration;</i>
<b>Key Outputs</b>	Additional exploration and detailed feasibility study
<b>Implementation Agents</b>	Ministry of Mines and Energy and Technical Partner
<b>Project Documentation Status</b>	The project can be considered in the feasibility stage. Prospecting completed. Additional drilling needs to be done to better calculate ore reserves.
<b>Market</b>	Overseas market

<b>Perspectives</b>	The discovery of Gold at Navachab, which is in the vicinity of Sandmap north provides greater prospects for another viable gold mine.
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## ENERGY

<b>PROJECT TITLE</b>	
<b>UTILIZATION OF INVADER BUSH FOR ELECTRICITY GENERATION AND OTHER WOOD RELATED PRODUCTS PROJECT</b>	
<b>Broad Description of Project</b>	<p>Out of the total land area of Namibia, more than 26 million hectares are encroached with invader bush. This phenomenon causes major financial losses in the livestock sector. Bush encroachment caused the farming land to lose much of its livestock carrying capacity. As a result, it is strongly believed that over the last 30-50 years, livestock numbers in the commercial farming area has decreased by 2-3 times. It has also been established that the water table dropped drastically in the bush encroached areas. The overall financial loss per annum was calculated to be over N\$ 700 million.</p> <p>Attempts to remove unwanted bushes from the farming land were found to be very expensive. Hence, it is believed that the removal of unwanted bushes should be linked to some form of financial and economic products from these bushes in order to not only pay for the removal cost, but also to attract more investment in the bush utilization and create more jobs. This will not only result into job creation from removing the bush, but it will create job opportunities in the electricity generation sector and manufacturing sector, but will also will have a direct influence on livestock numbers and contribute to farm jobs.</p>
<b>PROJECT OBJECTIVES</b>	<p>The Project will have multiple objectives:</p> <ol style="list-style-type: none"> <li>1. Clearing undesirable bushes from farming land</li> <li>2. Electricity production</li> <li>3. Production of wood based products such as wood chips for chip boards, firewood etc.</li> <li>4. To increase grazing capacity and thereby beef production in bush encroached areas</li> <li>5. Create more jobs, specifically targeting thousands of youth</li> </ol>
<b>Project Requirements</b>	<ol style="list-style-type: none"> <li>1. Establishment of power plants for the production of 20 to 100 MW</li> <li>2. Provide logistical mechanisms to harvest and transport the raw materials from the bush to the plant</li> <li>3. Subsidize the electricity price for consumers to be able to afford electricity</li> </ol>
<b>Project Outputs</b>	<ol style="list-style-type: none"> <li>1. Woody species on farmland are brought to acceptable ratios with other uses such as grass</li> <li>2. Electricity produced from the bushes</li> <li>3. Wood chips are converted into board chips for commercial use</li> </ol>
<b>Thematic/functional area</b>	<p>Agriculture / Forestry / Energy</p> <p>Agribusiness – Processing of invader bush into higher value products</p>
<b>Estimated project implementation timeframe</b>	Five to ten years and longer term
<b>Planned start date</b>	2009/10

<b>Geographical location</b>	Otjozondjupa, Omaheke, Kunene and Oshikoto Regions
<b>Potential funding agents</b>	Development Partners required to participate in planning, design and development of infrastructure, technology and operation thereof. Public-Private Partnerships (PPP) encouraged.
<b>Total estimated cost</b>	N\$ 200,000,000
<b>Existing level of funding</b>	Limited
<b>Additional funding required</b>	N\$ 200,000,000
<b>Business objective</b>	Increasing grazing capacity while utilizing invader bush for electricity generation and manufacturing and creating jobs
<b>Project requirements/activities</b>	<ul style="list-style-type: none"> <li>• Clearing of invader bush</li> <li>• Transport to electricity generation and manufacturing sites</li> </ul>
<b>Key outputs</b>	<p>Infrastructure designs Economic viable marketing model Job creation Industrial Development Value addition Export opportunities</p>
<b>Implementation agents</b>	Ministry of Agriculture, Water and Forestry + Development Partners
<b>Project documentation status</b>	Consultancy reports are available.
<b>Market</b>	Local production
<b>Perspective</b>	Environmental considerations demand that productive land should be used optimally and regaining carrying capacity would contribute to this objective.
<b>Contact Person</b>	<p>Andrew Ndishishi Permanent Secretary Ministry of Agriculture, Water and Forestry Private Bag 13184 Windhoek Tel: +264-61-208 7695 Fax: +264-61-208 7767</p>

## INFRASTRUCTURE

<b>PROJECT TITLE</b>	
<b>PORT OF WALVIS BAY EXPANSION &amp; DEVELOPMENT PLAN OF CONTAINER TERMINAL PROJECT</b>	
<b>Description of Project</b>	The Port of Walvis Bay needs to expand its current capacity to provide to the increase in demand for cargo handling along the West Coast of Southern Africa. This is in line with the Port of Walvis Bay's objectives to become a hub port for the SADC Region. The Port of Walvis Bay is strategically located on the West Coast of Southern Africa to serve the markets between SADC, the Americas and Europe.
<b>Thematic / Functional Area</b>	Transport and Services
<b>Duration</b>	2 years
<b>Geographical Location/s</b>	Namibia
<b>Potential Funding Agents</b>	Kreditanstalt fuer Wiederaufbau KfW African Partnership Unit, Development Bank of Southern Africa
<b>Total Estimated Cost</b>	<p><b>1. DESIGN FOR RE CONSTRUCTION</b> Appointment of a Consultant for Berth 6, 7 &amp; 8 reconstruction proposal 1,500,000 US\$</p> <p><b>2. INCREASE CONTAINER CAPACITY:</b> 55,200,000 US\$ : Additional Berth space 18,800,000 US\$ : Dredge to increase depth for berths 2,538,000 US\$ : Container storage space 14,600,000 US\$ : Port superstructure &amp; equipment 4,000,000 US\$ : Port rail infrastructure 466,000 US\$ : Training &amp; capacity building 95,604,000 US\$ Total <b>97,104,000 US\$ Grand Total</b></p>
<b>Existing Level of Funding</b>	To be determined.
<b>Additional Funding Required</b>	To be determined

<b>Business Objectives</b>	Enhance port capacity through development of port infrastructure and superstructure and capacity building measures, complementing the regional Walvis Bay Corridor development
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<b>PROJECT TITLE</b>		<b>TRANS KALAHARI RAILWAY</b>	
<b>Description of Project</b>	Currently the TransKalahari Corridor is served by rail from the Port of Walvis Bay only up to Gobabis, which is about 100 km from the border to Botswana. An extension of about 700 km from this point up to Lobatse in Botswana is required to provide a complete link of railway between Walvis Bay and Botswana up to the Gauteng Region of South Africa. This complete railway link would be able to serve all types of industries in the Gauteng Region and will accelerate the demand in dedicated railway service along the TransKalahari Corridor.		
<b>Thematic / Functional Area</b>	Transport and Services		
<b>Duration</b>	5 years		
<b>Geographical Location/s</b>	Namibia, Botswana, South Africa		
<b>Potential Funding Agents</b>	Phase I: APU, DBSA and USTDA jointly (requested) Phase II: USTDA (requested) Phase III: To be determined		
<b>Total Estimated Cost</b>	To be determined		
<b>Existing Level of Funding</b>	Nil		
<b>Additional Funding Required</b>	Phase I: US\$150,000 Phase II: US\$700,000 Phase III: US\$5-10 million		
<b>Business Objectives</b>	The objective is determining the feasibility of a Trans Kalahari rail link between the Port of Walvis Bay and Gauteng Province, South Africa, either linking the existing system with Cape Gauge track or constructing a new system using Standard Gauge with the potential to operate double stack trains.		
<b>Project Requirements/Activities</b>	<i>Phase I – Preliminary Project Commitment:</i> <i>Secure commitment of 3 countries to unified development and operation of a corridor rail service</i> <i>Identify legal issues that need to be addressed in the</i>		

<b>Key Outputs</b>	<p><i>Phase I – Project Commitment:</i> Signed commitment by Governments to the development of a single entity to operate a direct train between Walvis Bay- Gaborone-Gauteng Commitment to any legal or regulatory changes deemed necessary Commitments in place by Governments and donors for the funding of Phase III.</p> <p><i>Phase II – Preliminary Study:</i> Preliminary market requirements and traffic assessments Alternative engineering designs, costs and recommendations Requirements for environmental impact assessment Drafts for legal and regulatory changes in each country Economic and financial pre-feasibility assessment Financing arranged for Phase III and strategic plan for construction financing and ownership</p>
<b>Implementation Agents</b>	Walvis Bay Corridor Group
<b>Project Documentation Status</b>	Full project concept to be prepared. Funding is sought for project Development and a pre-feasibility study.
<b>Market</b>	Support of this program will offer a major alternative route to Trans Atlantic markets for the Gauteng and Gaborone, increase regional integration and economic growth for three SADC countries and better distribute traffic among Southern African Corridors.
<b>Perspectives</b>	The construction cost is expected to be US\$ 0.8 -1.4 billion.
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<b>PROJECT TITLE</b>	
<b>THE ESTABLISHMENT OF TRUCK STOPS ALONG CORRIDORS PROJECT</b>	
<b>Description of Project</b>	<p>Truck Stops is a place, usually just off a highway, where truck drivers can get fuel, food and drinks and, sometimes, a bed, shower and basic supplies. Long distance roads as in the case of the Walvis Bay Corridors provides discomfort for truck drivers as it requires truck drivers to drive long distances without having proper and structured facilities in between or within major towns. The need therefore exists to establish truck stops along major corridors in Namibia and the SADC Region which could serve truck drivers:</p> <ul style="list-style-type: none"> <li>For convenience</li> <li>For support</li> <li>For service</li> <li>For safety</li> <li>Build up a culture to stop amongst Namibians</li> </ul>
<b>Thematic / Functional Area</b>	Transport and Services
<b>Duration</b>	3-5 years
<b>Planned Start Date</b>	To be determined
<b>Geographical Location/s</b>	Along major points of the Corridors
<b>Potential Funding Agents</b>	To be determined
<b>Total Estimated Cost</b>	To be determined
<b>Existing Level of Funding</b>	None
<b>Additional Funding Required</b>	Full Funding required
<b>Business Objectives</b>	There is a need for infrastructure development to support corridor development. The establishment of Truck stops along major points along the corridor will provide a more coordinated and structured approach to support truck drivers as well as passenger vehicle drivers along the long distances in Namibia.
<b>Project Requirements/Activities</b>	<p><i>Stage I – Concept Development</i></p> <ul style="list-style-type: none"> <li><i>Model Structure</i></li> <li><i>Location Layout</i></li> </ul> <p><i>Stage II – Investment</i></p>
<b>Key Outputs</b>	Serve as point of rest and service centre for truck drivers and passenger vehicles along the relevant corridors
<b>Implementation Agents</b>	Walvis Bay Corridor Group, Local Town Councils
<b>Project Documentation Status</b>	Project Fact Sheet

<b>Market</b>	Namibia and rest of SADC Region
<b>Perspectives</b>	This could serve as an enhancement for corridor development.
<b>Contact Person</b>	

<b>PROJECT TITLE</b>	
<b>MANRIA DEVELOPMENT: PORT OF WALVIS BAY</b>	
<b>Description of Project</b>	The project is a joint venture between Namport and the Walvis Bay Municipality to provide a Marina Development, linking a Port Passenger Ship Terminal quay to a land based Waterfront Development scheme. The proposal includes a small boat harbor, Customs & Immigration building, shopping, market, restaurants, hotel, housing cluster scheme and roadways to fit with the City and Port of Walvis Bay growth and Regional tourism plan.
<b>Thematic / Functional Area</b>	Transport and Services
<b>Duration</b>	3 years
<b>Geographical Location/s</b>	Walvis Bay
<b>Potential Funding Agents</b>	To be determined
<b>Total Estimated Cost</b>	To be determined
<b>Existing Level of Funding</b>	None
<b>Additional Funding Required</b>	To be determined
<b>Business Objectives</b>	The main objective is to provide a land to sea marina interface for the City of Walvis Bay, Namibia. It will also provide an entry point for Cruiser Liners sailing to Walvis Bay.
<b>Project Requirements/Activities</b>	<ul style="list-style-type: none"> <li>• <i>Create a PPP Development Company.</i></li> <li>• <i>Fieldwork including geotechnical, wave, hydrographic, bathymetric, climate study &amp; environmental analysis.</i></li> <li>• <i>Construct small boat harbour with dredging and marine requirements</i></li> <li>• <i>Development of marina waterfront buildings, accommodation units shopping areas, roads, parking and surfacing.</i></li> </ul>
<b>Key Outputs</b>	Resolve development need for Passenger Liners for SADC tourism.
<b>Implementation Agents</b>	Namport and the Walvis Bay City Council.
<b>Project Documentation Status</b>	Project Fact Sheet/Concept Development done
<b>Market</b>	Project provides a SADC Cruise Liner entry point in line with Namibia's tourism developments in becoming one of the most Prominent attraction points in the region.

<b>Perspectives</b>	This will lead to the establishment a world class access point for Cruise Liners.
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<b>PROJECT TITLE</b>	
<b>DEVELOP THE PORT OF WALVIS BAY AS A OIL SUPPLY BASE AND SHIP REPAIR HUB</b>	
<b>Description of Project</b>	The project is an initiative by Namport to provide a more prominent service to the offshore oil and gas supply industry along the West Coast of Africa. With the increase in offshore oil and gas exploration along the West Coast of Africa more suppliers requires the rendering of quality service as close as possible to their operational base. Namport currently do have a Syncrolift and established a partnership with Elgin, Brown and Hammer to form Namdock (Drydock repair service to vessels) which provide a much needed repair service to this industry. There is however still a major demand for more suppliers who wants to utilize this service, but due to the handling capacity in size a larger facility is required to fulfill the increase in demand.
<b>Thematic / Functional Area</b>	Transport and Services
<b>Duration</b>	2.5 years
<b>Planned Start Date</b>	2009/10
<b>Geographical Location/s</b>	Port of Walvis Bay
<b>Potential Funding Agents</b>	To be determined
<b>Total Estimated Cost</b>	U\$ 48,330,000
<b>Existing Level of Funding</b>	None
<b>Additional Funding Required</b>	Full Funding required
<b>Business Objectives</b>	Develop Namibia to provide a repair and storage facility for the offshore marine and Fishing industry.

<b>Project Requirements/Activities</b>	<ul style="list-style-type: none"><li>• <i>Fieldwork including geotechnical, wave, hydrographic, bathymetric, climate study &amp; environmental analysis</i></li><li>• <i>Design &amp; Construct tender process</i></li><li>• <i>Construct dedicated quay fixed infrastructure</i></li><li>• <i>Provide a landward surfacing, storage facilities and buildings</i></li></ul>
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<b>PROJECT TITLE</b>	
<b>CAPRIVI MEDICAL CENTER (PTY) LTD</b>	
<b>Description of project</b>	<p>The promoters of the business believe that an entry by a private player in the healthcare industry is both strategic, an opportunity and a complementary initiative. The Caprivi Medical Centre (PTY) Ltd, a 55- bed private health facility in Katima Mulilo, is a 100 percent Namibian project. Other shareholders Local Authorities, hospital management technical partners, doctors, other investors will support the project.</p> <p>Due to the size of the Namibian market, sparse distribution of the population and towns, there is a need to provide products and services to meet the requirement of a community. The Caprivi Medical Centre (Pty)Ltd, is a registered Namibian company, set on establishing a one stop medical facility to provide modern technology, hospital beds, general and specialized medical services.</p>
<b>Thematic/Function Area</b>	Services (Health)
<b>Geographical Location/s</b>	Katima Mulilo, Caprivi Region
<b>Planned Start Date</b>	To be determined
<b>Duration</b>	To be determined
<b>Potential Funding Agents</b>	<ul style="list-style-type: none"> <li>* Financial Institutions ( Development Bank of Namibia)</li> <li>* Private Equity Firms</li> <li>* Private Investors</li> <li>* Technical Partners</li> </ul>
<b>Total Estimated Cost</b>	<p>N\$74.2 million – Construction and asset financing</p> <p>N\$5.8 million – Working Capital</p> <p><b>N\$80.00 million</b></p>
<b>Existing Level of Funding</b>	None
<b>Business Objectives</b>	<ul style="list-style-type: none"> <li>• To provide health care as a solution to health and social challenges facing the region. To complement tourism by offering world class medical care to visitors to the region.</li> <li>• To save the country outflows of money spent on getting specialist health care outside the country.</li> <li>• To attract specialist skills to the region and employ people in the region and beyond. To complement health services currently serving the region, but overwhelmed by demand for services.</li> <li>• To offer solution and care to people affected by the HIV-Aids pandemic. To use high technology in hospital diagnosis, care and interventions and remain competitive in the market.</li> <li>• To insist on a culture of efficiency, courtesy and service, to guarantee repeat patronage from satisfied clients.</li> </ul>

<b>Project Requirements/Activities</b>	Project Funding, technical partners and Marketing
<b>Implementation Agents</b>	Project Promoter Technical Partners
<b>Project Documentation Status</b>	Business Plan Available
<b>Market</b>	Namibia
<b>Contact Person</b>	<b>Caprivi Medical Centre 9Pty)Ltd</b> Mr. Mukenani Alberts Levi Project Promoter Mobile : +264 (0) 812363697

<b>PROJECT TITLE</b>	
<b>THE DEVELOPMENT OF FUEL FACILITIES AT THE PORT OF LUDERITZ</b>	
<b>Description of Project</b>	Currently all Namibia's fuel is being imported via the Port of Walvis Bay. It is important in terms of Namibia's strategic assets to develop an alternative supply base for fuel imports into the country. The establishment of fuel facilities at the Port of Luderitz will also reduce the cost of fuel in the Southern part of Namibia and the additional facilities in Luderitz will ease up capacity for Walvis Bay who can become a supply point for countries such as Botswana & the DRC.
<b>Thematic / Functional Area</b>	Transport, Oil and Services
<b>Duration</b>	2.5 years
<b>Planned Start Date</b>	2008 – 2012
<b>Geographical Location/s</b>	Port of Luderitz
<b>Potential Funding Agents</b>	To be determined
<b>Total Estimated Cost</b>	U\$ 37,500,000
<b>Existing Level of Funding</b>	None
<b>Additional Funding Required</b>	Full Funding required
<b>Business Objectives</b>	The goal is to reduce the transport cost of fuel to the Southern part of Namibia. This will also strengthen the position of Namibia, as it will allow an additional entry point for fuel for the country. It holds opportunity and economic benefit for the Namibian economy.
<b>Project Requirements/Activities</b>	<ul style="list-style-type: none"> <li>• Fieldwork including geotechnical, wave, hydrographic, bathymetric, climate study &amp; environmental analysis</li> <li>• Design &amp; Construct tender process</li> <li>• Construct dedicated key infrastructure with dredging and marine requirements</li> <li>• Provide a landward connecting gas and import pipeline to tanks provided for under JV.</li> <li>• Provide a VTS for monitoring vessel movements</li> </ul>
<b>Key Outputs</b>	Serve as supply point for gas & oil principally for Southern Namibia
<b>Implementation Agents</b>	Namport
<b>Project Documentation Status</b>	Project Fact Sheet

<b>Market</b>	This Fuel supply base in Luderitz is to cater for Southern Namibia and could serve as an alternative supply base to Walvis Bay. The Project is placed at a Namibian country strategic level.
<b>Perspectives</b>	This will meet a strategy for two ports, Luderitz and Walvis Bay to be able to supply fuel to Namibia by establishing Luderitz as an additional fuel supply port for Namibia.
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