



ILEMBE DISTRICT MUNICIPALITY

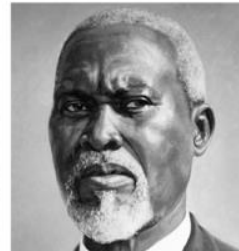
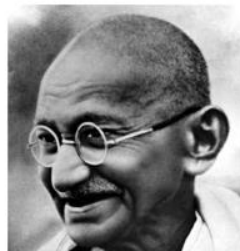
Presenter : Masupha Mathenjwa

Theme: Programs responding to impacts of Climate Change

Date: 13 May 2016

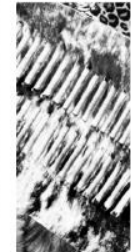
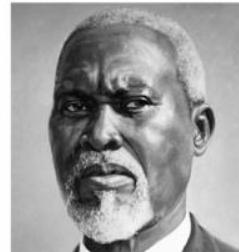
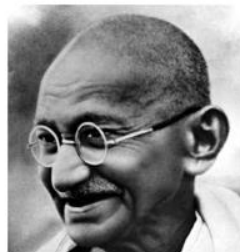
iLembe Climate Change Program

- ❑ I Lembe held two Climate Change Summits which was in 2009 and 2014 respectively.
- ❑ On both summits a number of resolutions were taken, which include the following:
 - ❑ The District to **conduct a SWOT analysis**
 - ❑ The District to develop a **strategy for transition to Low Carbon Society**
 - ❑ Develop action plans for both the District and Local Municipalities
 - ❑ The District to understand all **key issues** that might have an effect on the transition towards low carbon society
 - ❑ I Lembe District to develop a **Climate Change Programme**, which should be aligned with those of Sector Departments, provincial and national level
 - ❑ The District to **establish IGR structures (District Climate Change Forum or Committee)**
 - ❑ The District to consider **partnering with Research/ Scientific institutions**
 - ❑ The District to prioritize the development of policies responding to climate change
 - ❑ The District to participate in all Climate Change events at a provincial, national and international levels.



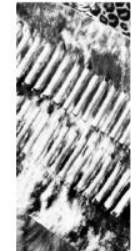
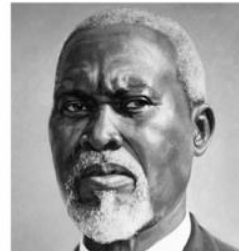
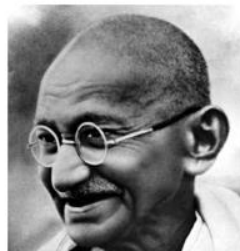
Climate Change Policies and Plans

- ❑ Current iLembe does not have a Climate Change Response Strategy. Only one Local Municipality currently is having a Climate Change Response Strategy, that is, KwaDukuza Municipality
- ❑ Our strategy will cover lot of issues



PROJECTS WITHIN ILEMBE DISTRICT

- Biodiesel Processing Facility
- Wetland Assessment Project
- Technological Need Assessment Project
- Biomass Project
- KwaDukuza Street lighting
- Sustainable Energy for all
- Waste to energy project



BIODIESEL PROJECT

Project name Bio Diesel Processing Facility

Project Background Growing the Green Economy within iLembe

Brief Project description This project aims to establish a bio diesel processing plant, delivering vehicle-grade diesel from used oil (initially) and ultimately from Moringa seed.

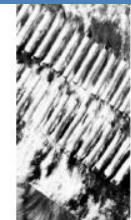
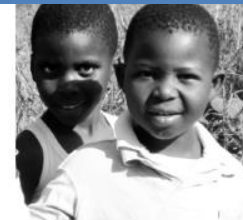
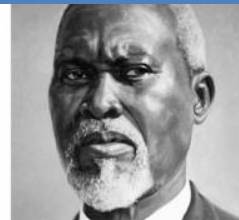
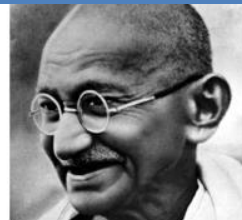
Funding The initial budget was approximately R 7,591,187.61

Project Location Isithebe Industrial Estate, Site 190, Mandeni Municipality, iLembe District

Project Objectives

- Create a mechanism for sustainable economic development and wealth generation for rural communities.
- Create a mechanism for the integration of small scale producers into the existing petrochemical, agriculture and transportation industries

Status quo The project is not progressing as expected and an investor is required to take the project forward. Hence engagements are currently underway



WETLAND ASSESSMENT PROJECT

Project Name	Local Action for Biodiversity (LAB): Wetlands South Africa
Funder	ECLEI / USAID
Project Background	iLembe District hosted the climate change summit in 2014 and resolved on a number of actions. One of these actions was the need to partner with the reputable International Organizations that are involved in the climate change space such as ECLEI
Project Objectives	The program aims to conserve wetlands and other natural resources that provide solutions to climate hazards and water shortages within iLembe
Project Location	<ul style="list-style-type: none">• District-wide
Project Deliverables	<ul style="list-style-type: none">• Awareness-raising workshop• Preparation of the Wetland Assessment Reports• Workshop on the production of a Local Biodiversity Strategy and Action Plan• Develop iLembe wetland management plan
Status	<ul style="list-style-type: none">• Awareness-raising Workshop undertaken on 09 February 2016• Preparation of Wetland Assessment Report



TECHNOLOGICAL NEED ASSESSMENT PROJECT

Project Name	Development of Technology Needs Assessment at Subnational Level'
Funder	UNEP through Climate Technology Centre and Network (CTCN) program
Project Background	iLembe District hosted the climate change summit in 2014 and resolved on a number of actions. One of these actions was to undertake the technological need assessment
Project Objectives	To understand technologies required to move towards a low carbon society
Project Deliverables	<ul style="list-style-type: none">• To choose between the energy or water management Sector or go for a more holistic approach, wherein a Climate Resilient Response for the municipality is developed rather than focusing on specific sectors.• Deliverables to be finalised
Status	Busy drafting a response (implementation) plan consisting of activities



KwaDukuza Street lighting

Project Name	Solar Power Street Lights
Funder	CoGTA
Project Objectives	To be confirmed
Project Background	To be confirmed
Project Deliverables	To be confirmed
Status	To be confirmed in the next meeting



BIOMASS PROJECTS

Project Name	The Establishment of a Biomass Plant
Funder	To be confirmed
Project Background	iLembe District hosted the climate change summit in 2014 and resolved on a number of actions, including moving towards a low carbon society, through growing the green economy.
Project Objectives	To explore feasibility of a biomass plant within the District
Project Deliverables	<ul style="list-style-type: none">• To be finalised
Status	<ul style="list-style-type: none">• Currently under SALGA Biomass program• Engaging with critical stakeholders



SE4All Program

Project Name SE4All partner countries

Funder To be confirmed

Project Objectives To be confirmed

Project Background To be confirmed

Project Deliverables To be finalised

Status To be confirmed



WASTE TO ENERGY OR WATER RECYCLING PROJECTS

Project Name	Waste to Energy project
Project Background	iLembe is responsible for Water and Sanitation. A huge potential exists for waste to energy and water recycling projects within the Municipality
Funder	To be confirmed
Project Objectives	To be confirmed
Project Background	To be confirmed
Project Deliverables	To be finalised
Status	To be confirmed



CONCLUSION

- **Availability of Capacity (Human Resource)**
- **Create awareness to the iLembe Council**
- **Prioritisation of environmental issues VS others services within the Municipality**
- **Funding of Environmental Management Program**



I thank you

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