Basic Service Delivery and Infrastructure Investment

UMZINYATHI DISTRICT FAMILY MUNICIPALITIES

10 April 2013
PRESENTATION OUTLINE

- Introduction
- Outline of Priorities
- Outline of District Family Developmental Challenges
- Key Interventions Already In Place
- Key Interventions Recommended To Address Challenges
- Provincial priorities incorporated into the IDP
- Provincial priorities aligned to the PGDS
- Outcome based Approach
- Operation Sukuma Sakhe / War on poverty
- Municipal Turnaround Strategy
INTRODUCTION

- Umzinyathi District Municipality (DC24) is one of the ten District Municipalities in the province of KwaZulu-Natal.
- The Municipality is bordered in the north by the aMajuba District Municipality, in the west by the uThukela District Municipality, in the south west by the uMgungundlovu District Municipality, in the south east by the iLembe District Municipality and in the east by uThungulu District Municipality and in north east by Zululand District Municipality.
INTRODUCTION Cont…

- The District Municipality consists of four Local Municipalities, namely:
  - Endumeni (KZ 241)
  - Nquthu (KZ 242)
  - Msinga (KZ 244)
  - Umvoti. (KZ 245)
PROVINCIAL AND DISTRICT CONTEXT
OUTLINE OF PRIORITIES

• Continues and affective performance of the retail function of water services with effect from 01 July 2012;
• Council has made a budget provision for the performance of the function
• Enhancement of the consolidated billing system with the one of the local municipalities that will include water sales
• Development of a credible asset register – asset to be transferred back to the municipality from UTW
• Continuous lobbying for funding to eradicate backlogs to the value of R 4 billion for water, R 500 million for sanitation and R 1 billion for LED projects
OUTLINE OF PRIORITIES Cont...

- The operation and maintenance of existing infrastructure;
- Investigate access to alternative energy / DSM (Demand side management)
- Eradication of service backlogs (human settlements, water, sanitation, roads & electricity)
- Reduction of water losses
- Improvement of water quality (Blue and Green Drop)
- Reduction of illegal connections
- Improve collection rate
OUTLINE OF PRIORITIES Cont...

- Finalizing the development of two Regional Waste sites
- Explore revenue generating activities at regional solid waste site
- Review of the Water Services Development Plan;
- Review of the Integrated Waste Management Plan;
- Finalisation of the Road Asset Management System
- Review of the Integrated Transport Plan
- Implementation of EPWP thereby creating job opportunities
OUTLINE OF PRIORITIES Cont...

- Completion of the Review for Msinga Disaster Management Plan, which is 95% complete;
- Completion of the Review of the district municipality Disaster Management Plan which is 80% complete;
- Implementation of Nquthu Disaster Management Plan and framework which was approved by Council on the 28 March 2013;
- Implementation of the outcomes of Section 78 for Fire Fighting service
OUTLINE OF PRIORITIES Cont...

- The Umzinyathi Disaster Management Centre (UDMC) has prioritized to develop and implement a programme to prevent or to mitigate the fatal occurrences of lightning strikes which has since been observed as a common trend during the summer season, phase one completed and to commence with phase two;
- Undertaking of the Disaster Management Risk Assessment as part of the SDF Review during 2013/14 fy.
OUTLINE OF PRIORITIES Cont...

- Preparation of the Community Facilities Plan to determine the investment made and also to capture the spatial data of these facilities;
- Health and hygiene education through awareness campaigns
- Energy and water conservation
- Promotion of tourism, agriculture and mining as key sectors to create job opportunities
- Urgent improvement of the R33 and D70 to unlock LED opportunities,
OUTLINE OF PRIORITIES Cont...

- Alignment of infrastructure development with SDF
- Provision of supporting infrastructure for mining which is currently being revived e.g roads, water etc
OUTLINE DISTRICT FAMILY DEVELOPMENTAL CHALLENGES

- Huge backlog. From July 2013, there will be 30,477 households without an acceptable basic level of service of clean water (potable water within a 200m radius) and 21,034 households without an acceptable basic level of service of sanitation.

- Inadequate funding, the municipality mostly depends on grant funding for infrastructure development. At the current low levels of funding as per the DORA schedule, the 2014 Millennium Development Goals will not be achieved and backlog eradication will only be achieved after 2020.
An estimated 4,5 billion Rands is required to eradicate the backlogs compared to the 600 million Rands that is confirmed on the DORA schedule.
### Water Services

Percentage of households with access to piped water inside dwelling, UMzinyathi District

<table>
<thead>
<tr>
<th>Location</th>
<th>2001</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Endumeni</td>
<td>36.9</td>
<td>61.9</td>
</tr>
<tr>
<td>Nqutu</td>
<td>3.2</td>
<td>8.0</td>
</tr>
<tr>
<td>Msinga</td>
<td>1.1</td>
<td>3.7</td>
</tr>
<tr>
<td>Umvoti</td>
<td>15.5</td>
<td>20.2</td>
</tr>
<tr>
<td>Umzinyathi</td>
<td>9.9</td>
<td>17.5</td>
</tr>
</tbody>
</table>

**Diagram Description:**

- The chart shows the percentage of households with access to piped water in UMzinyathi District for the years 2001 and 2011.
- The bar chart indicates a significant increase in access to piped water in Endumeni, Umvoti, and Umzinyathi.
- There is a notable decrease in access in Nqutu and Msinga.

**Table Data:**

<table>
<thead>
<tr>
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<td>9.9</td>
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</tbody>
</table>
## Sanitation Services

Percentage of households by type of toilet facilities, UMzinyathi District, Census 2011

<table>
<thead>
<tr>
<th></th>
<th>Endumeni</th>
<th>Nqutu</th>
<th>Msinga</th>
<th>Umvoti</th>
<th>Umzinyathi</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flush toilet</td>
<td>81.4</td>
<td>6.0</td>
<td>3.4</td>
<td>28.9</td>
<td>22.1</td>
</tr>
<tr>
<td>Pit toilet</td>
<td>13.5</td>
<td>81.4</td>
<td>63.9</td>
<td>47.9</td>
<td>57.3</td>
</tr>
<tr>
<td>Chemical toilet</td>
<td>0.8</td>
<td>2.4</td>
<td>7.8</td>
<td>12.7</td>
<td>6.4</td>
</tr>
<tr>
<td>Bucket toilet</td>
<td>0.2</td>
<td>1.0</td>
<td>0.6</td>
<td>1.0</td>
<td>0.7</td>
</tr>
<tr>
<td>None</td>
<td>4.1</td>
<td>9.1</td>
<td>24.3</td>
<td>9.5</td>
<td>13.5</td>
</tr>
</tbody>
</table>
Electricity Services

Percentage of households that used electricity for lighting, UMzinyathi District

- **Endumeni**
  - 2001: 67.8%
  - 2011: 79.1%

- **Nqutu**
  - 2001: 16.7%
  - 2011: 53.0%

- **Msinga**
  - 2001: 8.6%
  - 2011: 25.1%

- **Umvoti**
  - 2001: 36.8%
  - 2011: 58.3%

- **Umzinyathi**
  - 2001: 25.5%
  - 2011: 48.9%
OUTLINE DISTRICT FAMILY
DEVELOPMENTAL CHALLENGES Cont...

- Ineffective water service provider. Uthukela Water has failed to provide an acceptable level of service to the municipality.
- High operating and maintenance costs.
- High dependency on groundwater – springs and boreholes.
- Boreholes which are used above their proven yield capacity or have failed.
- Frequent failures due to the limited resources and consequent inadequate maintenance.
- Little or no attention given to regular monitoring of water quality on smaller schemes.
OUTLINE DISTRICT FAMILY DEVELOPMENTAL CHALLENGES Cont..

- Low income of people in the communities served resulting in low consumption and little or no revenues from the sale of potable water
- Non payment of services
- Illegal connections
- Vandalism of schemes
- Aging infrastructure
- Umzinyathi DM is one of the four ISRDP nodes in the province, which means we are a poverty stricken region
- Serious water losses are being experienced due to poor undertaking of operation and maintenance by the Water Services Provider;
OUTLINE DISTRICT FAMILY
DEVELOPMENTAL CHALLENGES Cont..

- Lack of an updated Integrated Waste Management Plan;
- Lack of the Community Facilities Plan to determine the investment made by the municipalities and its spatial data
- Alignment of Infrastructure Planning between the 3 spheres of government
- Recovery of costs for services rendered
OUTLINE DISTRICT FAMILY DEVELOPMENTAL CHALLENGES Cont..

- Sparsely populated settlements
- Rough terrain and topography
- Lack of capacity in terms of Disaster Management in the district and local municipalities;
- Lack of Disaster Management Risk Assessment for the SDF.
KEY INTERVENTIONS ALREADY IN PLACE

- The municipality took over the water service operations from uThukela Water as from the 01 July 2012
- Accelerated service delivery by streamlining and improvement of the municipality’s supply chain processes.
- Consideration of regional bulk water supply schemes
- Plans are in place to use water from sustainable raw water sources such as the uThukela, Buffalo and Mooi Rivers.
KEY INTERVENTIONS ALREADY IN PLACE

Cont...

- Development of existing water treatment plants as regional or sub-regional units through the modular increase of capacities to meet expanding demand.
- Distribution of bulk water via easily maintained pipelines and storage systems not defined or constrained by local municipal boundaries.
- Logical phasing for reticulation from appropriate reservoir storage zones.
KEY INTERVENTIONS ALREADY IN PLACE

Cont...

- Water Services Development Plan to provide the strategic direction for the provision of water and sanitation is in place;
- Processes of developing two regional waste sites are underway, recently completed the EIA process;
- Water, sanitation, access roads; refuse removal and development of the energy plan have been included as part of the MTAS ten priorities to signify the importance of these areas;
- Capacity support being provided by Municipal Infrastructure Support Agency (MISA);
- Capacity development and training through construction incubator programme in place.
KEY INTERVENTIONS ALREADY IN PLACE

Cont...

• 30% of all projects are EPWP compliant in conjunction with public works and labour
• All four local municipalities have housing sector plans in place and currently being implemented
• Provision of water through the Rudimentary programme in areas with no water schemes as yet
• The Disaster Management Plans for Endumeni, Nquthu and Umvoti are in place;
• The Disaster Management Plan for Msinga is in progress,
• Disaster Management volunteers programme in place to assist with the capacity issue within the district;
• Road Asset Management System currently being developed
KEY INTERVENTIONS ALREADY IN PLACE

Cont...

- Accelerate service delivery through the application for a loan to bridge finance projects
- Infrastructure Forum in place and functional to integrate and align infrastructure projects
- Bio-gas linked to CCC Feedlots (alternative energy)
- Upgrade of CBD access roads in Dundee and Nquthu
- Disaster Advisory Forum to co-ordinate disaster management issues in place
- District Disaster Management Practitioners Forum in place
- We have a fully functional Disaster Management Centre
- Review of the District Disaster Management Plan is in progress
KEY INTERVENTIONS RECOMMENDED TO ADDRESS CHALLENGES

- Taking over water service operations from uThukela Water
- Request for additional funding for bulk water schemes from the Regional Bulk Infrastructure Grant through the Department of Water Affairs.
- Accelerate service delivery through the application for a loan to bridge finance projects.
- SDF (Integrated development that is in line with Provincial priorities)
- Address illegal connections
- Infrastructure planning capacity building
- Intensify principles of EPWP
KEY INTERVENTIONS RECOMMENDED TO ADDRESS CHALLENGES Cont…

- Reduction of water and sanitation backlogs utilising the current allocation;
- Promotion of tourism, agriculture and mining as key sectors to create job opportunities
- Urgent improvement of the R33 and D70 to unlock LED opportunities, the municipality has Coordination and implementation of projects to be done through the Infrastructure forum to avoid duplication;
- Provision of supporting infrastructure for the mining industry e.g roads, electricity, water
KEY INTERVENTIONS RECOMMENDED TO ADDRESS CHALLENGES Cont...

- Development and Review of the Integrated Waste Management Plan for the local and district municipalities;
- Finalisation of the development of Regional Waste Landfill Sites (North and South);
- Finalisation of the Road Asset Management System
- Reduction of water losses
- Elimination of illegal connections
- Development of dams from the existing rivers for irrigation purposes and for flooding control measures, and also for water conservation
KEY INTERVENTIONS RECOMMENDED TO ADDRESS CHALLENGES Cont...

- Installation of the lightning conductors to mitigate lightning strikes;
- Department of Rural Development and Land Reform will be assisting Msinga Local Municipality with 39 volunteers.
- Completion of the Review of the district Disaster Management Plan and framework;
- Implementation of the outcome of Section 78 for Fire Services
KEY INTERVENTIONS RECOMMENDED TO ADDRESS CHALLENGES Cont…

- Provision of technical assistance to the Consultant developing Msinga Disaster Management Plan, which is 95% complete;
- Undertaking of the community awareness campaigns to educate communities about prevailing risks e.g in schools, during ward committee meetings, municipal events.
ALL NATIONAL AND PROVINCIAL PRIORITIES BEEN INCORPORATED AND INTO THE IDP

- The provincial priorities have been incorporated into the draft IDP’s and they have also been aligned to the municipal priorities in terms of action to be undertaken in order for the intended results to be realised. Linked to these provincial priorities is
  - Creation of jobs through EPWP on all MIG and Capital Investment Projects
  - Training and Development through Construction Incubation and Agricultural Programme
USING THE OUTCOME BASED APPROACH FOR THE 3\textsuperscript{RD} GENERATION OF THE IDP

- The municipal IDP’s were prepared according to the outcome based approach as the included programmes and projects directly linked to the budget to enable implementation, thereby improving the lives of the community we are serving.
MTAS INCORPORATED:

- The reviewed Municipal Turnaround Strategy by the new political principals has been incorporated into the draft IDP.
THANK YOU

SIYABONGA