



# REPORT ON PROGRESS MADE TOWARDS MEETING THE REQUIREMENTS OF NORMS AND STANDARDS

## Report 1

### KZN Department of Education

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## KZN EDUCATION

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### Update on Norms and Standards in KZN

In response to the Norms and Standards Regulations, the KZNDoE has developed a Norms and Standards Implementation Plan that to a large extent informs the provision of infrastructure and its' associated planning. The sub programmes - Water and Sanitation, Fencing and Electricity are focused interventions and are addressing those backlogs requiring immediate attention for the period ending in November 2016.

The Department has piloted the use of alternative technologies instead of VIP toilets where water borne sanitation is not a viable option, and schools without toilets have been provided with chemical toilets as an immediate response to the plight of the school, with a permanent intervention to follow from the allocation mentioned above.

The situation i.r.o. of sanitation is more complicated than simply identifying schools without toilets. Although schools may have some toilets of the appropriate technology, e.g. VIP, and therefore do not fall with in the first 3 year timeframe, many schools also have gross toilet inadequacies and/or toilets that are beyond repair and require urgent attention. Consequently, the Department is dealing simultaneously and therefore, it is envisaged that all sanitation backlogs will be addressed within the SEVEN year timeframe.

The provision of water at existing schools without water continues to be addressed in dedicated programmes (normally coupled with sanitation projects). The provision of permanent piped water to schools remains a challenge as the department has, to a large extent, a dependency on external service providers. However, where an external water service provider is not available, the option of boreholes is considered. In most schools, rain harvesting tanks are supplied to supplement both borehole and piped water supplies.

By the end of the 2014/2015 financial year, all schools in the province had toilets, however, the condition and/or adequacy thereof necessitated the continued rollout of new toilets at existing schools for many years to come. Toilets at many schools that may have previously been recorded as being adequate and appropriate need to be replaced due to degradation through wear and tear over the years. Unlined VIP (Ventilated Improved Pit) toilets (minimum acceptable standard) cannot be de-sludged without resulting in the structures collapsing.

1. The total number, names and location of all the schools that were built entirely of inappropriate materials (mud, corrugated iron, timber, asbestos) and those that did not have any form of basic services (Sanitation, Water and Electricity) as at 30 Nov 2013

The attached **Annexures A,B, and C** provide a list of schools which were reported in 30 November 2013 as not having any Sanitation, Water, Electricity and schools built entirely of inappropriate material (mud, corrugated iron, timber or asbestos). The annexures also indicates the number of schools, names and location and progress made to- date.

### 1.1. WATER SUPPLY

In **30 November 2013** - **171** schools in the Province were reported as having no water provision. The breakdown per district is indicated in table 1 below and a listing is provided as **Annexure A**.

**Table 1 – As at 30 November 2013**

District Name	No of Schools
Amajuba	3
iLembe	8
Harry Gwala	51
Ugu	26
Umgungundlovu	22
Umkhanyakude	11
Umlazi	1
Umzinyathi	13
Uthukela	17
Uthungulu	10
Zululand	9
<b>Grand Total</b>	<b>171</b>

### 1.2. SANITATION

1. In **30 November 2013** - **15** schools in the Province were reported as having no sanitation . The breakdown per district is indicated in table 2 below and a listing is provided as **Annexure B**.

**Table 2 – As at 30 November 2013**

District Name	No of Schools
Harry Gwala	5
Umgungundlovu	2
Umzinyathi	2
Uthukela	1
Uthungulu	2
Zululand	3
<b>Grand Total</b>	<b>15</b>

### 1.3. ELECTRIFICATION

In **30 November 2013** - **608** schools in the Province were reported as having no electricity. The breakdown per district is indicated in table 2 and a listing is provided as **Annexure C**.

**Table 3 – As at 30 November 2013**

<b>District Name</b>	<b>No. of Schools</b>
Amajuba	<b>34</b>
iLembe	<b>47</b>
Pinetown	<b>4</b>
Harry Gwala	<b>85</b>
Ugu	<b>54</b>
Umgungundlovu	<b>58</b>
Umkhanyakude	<b>56</b>
Umlazi	<b>3</b>
Umzinyathi	<b>80</b>
Uthukela	<b>56</b>
Uthungulu	<b>55</b>
Zululand	<b>76</b>
<b>Grand Total</b>	<b>608</b>

#### **1.4. INAPPROPRIATE MATERIAL**

In **30 November 2013** - **3** schools were reported as built entirely of inappropriate material namely Enhlanhleni Primary School in Amajuba, Lembe Primary School in Majuba and Ingweniphaphama Primary in Zululand

## PROGRESS TO-DATE

2. The progress that has been made towards addressing the schools in (i) above, i.e. progress made towards eradicating and replacing those that were built entirely of inappropriate materials and the provision of basic services to those that did not have any form of such services. This must indicate the schools that have been, or are being addressed under the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) Programme. The reference to "reporting on progress" implies providing information on the schools that:
- Have only been identified and put on plans for future financial years but with no work done (i.e. planning or implementation) on them yet;
  - Are at planning and procurement stages;
  - Are at construction stage; and
  - Have reached Practical Completion and beneficial occupation has been undertaken.

### 1.5. ERADICATION OF INAPPROPRIATE MATERIAL

As at **November 2016** the **3** schools built entirely of inappropriate material have been constructed and complete.

No.	School Name	District	Status
1	Enhlanhleni Primary School	Amajuba	Completed
2	Lembe Primary School	Amajuba	Completed
3	Ingweniphaphama Primary School	Zululand	Completed

### 1.6. WATER SUPPLY

The provision of permanent piped water to schools especially in rural and outlying area is to a large extent dependent on external service providers. Where an external water service provider is not available, the option of boreholes is considered. In most schools, rain harvesting tanks are supplied to supplement both borehole and piped water supplies.

As at **November 2016** – all **171** schools have been provided with a means of water supply including the **4** non-viable schools which are expected to be closed.

District Name	Water provided	To be closed	Grand Total
Amajuba	3		<b>3</b>
iLembe	8		<b>8</b>
Harry Gwala	49	2	<b>51</b>
Ugu	26		<b>26</b>
Umgungundlovu	21	1	<b>22</b>
Umkhanyakude	11		<b>11</b>
Umlazi	1		<b>1</b>
Umzinyathi	13		<b>13</b>
Uthukela	16	1	<b>17</b>
Uthungulu	10		<b>10</b>
Zululand	9		<b>9</b>
<b>Grand Total</b>	<b>167</b>	<b>4</b>	<b>171</b>

### 1.7. SANITATION

As at **November 2016** – Out of the **15** schools identified as having no sanitation in **30 November 2013** - **5** schools have been provided with Pit toilets, **2** schools have been closed and **8** non-viable schools to be closed have been provided with chemical toilets.

District Name	Have PIT Toilets	School is closed	To be closed	Grand Total
Sisonke		1	4	5
Umgungundlovu	1		1	2
Umzinyathi	2			2
Uthukela		1		1
Uthungulu	1		1	2
Zululand	1		2	3
<b>Grand Total</b>	<b>5</b>	<b>2</b>	<b>8</b>	<b>15</b>

### 1.8. ELECTRIFICATION

As at **November 2016** – Out of the **608** schools identified as having no electricity in **30 November 2013** - **112** schools have been provided with electricity, **57** schools have been closed and **324** non-viable schools are to be closed. **115** projects have been allocated to Department of Public Works and are at various stages of design and construction.

District Name	Project is allocated under DoPW Electrification Programme 2016/17	The school has been electrified	Electrified	To be closed	School is closed	Grand Total
Amajuba	3		2	18	11	34
iLembe	4	2	11	26	4	47
Pinetown			1	3		4
Harry Gwala	25			50	10	85
Ugu	2		15	33	4	54
Umgungundlovu	7	1	6	33	11	58
Umkhanyakude	12		21	22	1	56
Umlazi				3		3
Umzinyathi	20		22	34	4	80
Uthukela	10		9	31	6	56
Uthungulu	5		21	28	1	55
Zululand	27		1	43	5	76
<b>Grand Total</b>	<b>115</b>	<b>3</b>	<b>109</b>	<b>324</b>	<b>57</b>	<b>608</b>

### 3. Total infrastructure expenditure in addressing the schools in (ii) above, excluding the ASIDI projects

The expenditure for the majority of the projects completed since November 2013 have to a large extent not been specific to on Water, or Sanitation nor Electrification, but part of larger programmes such as Upgrade and Addition, or Water and Sanitation where the expenditure relates to a greater scope and not restricted to only Water, or Sanitation or Electricity.

The expenditure breakdown for the Province of which the expenditure for Water, Sanitation and Electrification is a part of is indicated on the table below:-

Financial Year	Total Expenditure on Upgrades and Addition and New or Replacement schools
2014-2015	1,427,113
2015-2016	1,670,852
2016-2017	768,732
<b>Total</b>	<b>3,866,697</b>



**4. Total number of the backlogs, i.e. difference between (i) and (ii) above, and the plans towards addressing any such backlogs with projected budget requirements.**

The table below summarises the

<b>Norms and Standards</b>	<b>Backlog Balance</b>	<b>Plan towards addressing backlog</b>	<b>Status</b>	<b>Budget</b>
<b>Inappropriate Material Structures</b>	<b>0 backlogs</b>	The Province does not have any schools built entirely of inappropriate material but where there are structures within a school that are of Inappropriate material the department is replacing those structures		<b>0</b>
<b>Water</b>	<b>0 backlogs</b>	The Department has provided a form of water supply to all schools in the Province and continues to supplement schools with additional harvesting or connection to Municipal water supply.		<b>(Coupled with Sanitation below)</b>
<b>Sanitation</b>	<b>0 backlogs</b>	The Department has supplied all schools Province with a form of sanitation, however is continue to supplement schools with replacement of aging and non-conforming infrastructure structure.		<b>R1004,0m</b>
<b>Electricity</b>	<b>115 backlogs</b>	Due to the technical nature of the projects and the dependency of the third party (Eskom), the Province is continue to eradicate the backlog. Solar panels are a quick solution and are being used in the province to provide some power to a few parts of the schools in rural and outlying areas where no grid electricity is within reach, but regrettably the vandalism and the required high maintenance costs.	Tender Stage - <b>46</b> schools Construction – <b>42</b> Design - <b>27</b>	<b>R88,4m</b>

**Recommendation**

It is recommended that DBE notes the status and progress of Norms & Standards in the Province as at **November 2016**.