

PC Water 28/02/2012

Portfolio Committee: Water & Environmental Affairs

Response to the State of the Nation Address

Strategic water infrastructure projects

28 February 2012



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Extracts from the SONA

- The mid-term review indicated **steady progress** in various areas such as health, education, the fight against crime, human settlements, energy, **water provision**, rural development and others.
 - However, **the triple challenge** of unemployment, poverty and inequality persists, despite the progress made.
- The national development plan's focus on the elimination of poverty and inequality as critical points that must be attended to
 - Solution: is higher growth and job creation to reduce and ultimately eradicate poverty and inequality.
- To address the interests of the poor given SA's history
 - in 2010 we launched the New Growth Path framework and identified our job drivers as **infrastructure development**, tourism, agriculture, mining, manufacturing and the green economy.
- There are two main things that we did right in 2011 which are contributing to joint success .
 - Mainstreaming of **job creation** in every government entity including state owned enterprises.



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Extracts from the SONA

- Launch of a campaign of building the infrastructure nationwide.
 - The **infrastructure plan** will be driven and overseen by the Presidential Infrastructure Coordinating Commission, (PICC), which was established in September, bringing together Ministers, Premiers and Metro Mayors under the leadership of the President and the Deputy President.
- The PICC has identified and developed projects and infrastructure initiatives from state-owned enterprises as well as national, provincial and local government departments.
- We have chosen five major geographically-focussed programmes, as well as projects focusing on health and basic education infrastructure, information and communication technologies and regional integration.
- The projects are as follows:
 - Firstly, we plan to develop and integrate rail, road and **water infrastructure, centred around two main areas in Limpopo: the Waterberg** in the Western part of the province **and Steelpoort** in the eastern part.



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Extracts from the SONA

- In the former Transkei part of the **Eastern Cape**, we are committed to **building a dam using the Umzimvubu River as the source**, in order to expand agricultural production.
- In addition, the **implementation of the Mthatha revitalization project**, which is a Presidential special project, is proceeding very well.
- Work is at an advanced stage to improve water, sanitation, electricity, roads, human settlements, airport development and institutional and governance issues.
- Fourthly, in the **North West**, we will expand the **roll-out of water, roads, rail and electricity infrastructure**. Ten priority roads will be upgraded.




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Extracts from the SONA

- The massive investment in infrastructure **must leave more than** just power stations, rail-lines, dams and roads. It **must industrialise the country, generate skills and boost much needed job creation.**
 - Government continues to extend **access to basic water supply.** However, clearly, water access is still a challenge in some areas.
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Pillars from the President's

- Job creation
 - Infrastructure development
 - Infrastructure rehabilitation and refurbishment
 - Regional bulk infrastructure programme
 - Adopt a river
 - War on leaks
- Infrastructure development
 - Integrated water infrastructure plan
 - Integrated water infrastructure investment plan



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INFRASTRUCTURE DEVELOPMENT



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Achievement. Integrated water infrastructure

- Vaal River Easter Sub-system augmentation project:
 - Construction of a Water Conveyance system of an abstraction system, storage reservoir, a high lift pump station, a 121 km pipeline, surge tank and diversion structure.
 - Cost to completion: R2.698 billion
 - Completed



Direct project construction jobs: 1600




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Integrated water infrastructure

- Waterberg development zone
 - Mokolo and Crocodile water augmentation project approved as a government water work and
 - Phase 1 is under implementation (R 2.138 billion)
 - Phase 2 is under review together with sourcing of funding (R 10.5 billion)
 - Steelpoort development zone
 - De Hoop Dam will be completed in Dec 2012 (R 3 billion) ; impoundment Set 2012
 - Bulk Distribution System (Phase 2C): site handover in March 2012 for the pipeline from the Dam to Steelpoort (R 1.9 billion) – implemented by the TCTA
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Integrated water infrastructure

- Umzimvubu River Development (R 20 billion estimated cost)
 - Umzimvubu water project will include a multipurpose dam on the Tsitsa River, tributary of the Mzimvubu River (Ntabelanga dam) to supply water for irrigation, bulk domestic water supply and possible hydro electric generation
- North west development zone
 - Taung/Naledi Bulk Water Supply Scheme (R580 million) :
phased construction of converting Taung dam into a multipurpose started in Feb 2010 and scheduled for completion in Mar 2016
 - Ventersdorp bulk water supply (R30 million):
Construction of a reservoir, pipeline and upgrading of water treatment works to commence in March 2012 and target completion by May 2013




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Integrated water infrastructure

- Mthatha revitalisation (almost R 600 million over the medium term)
 - Catalyst projects that are part of the Presidential intervention amounting to
 - Acid mine drainage (R 428 million over the next two years)
 - Implementation of sustainable ways of Containing and managing or leveraging the effects of Acid Mine Drainage in the Witwatersrand Area.
 - Clanwilliam dam (R 1.83 billion projected cost)
 - Raising of existing dam by 13 metres to provide additional water to establish resource poor farmers and ensure long term safety of the dam wall.
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Integrated water infrastructure

- Raising of Hazelmere Dam wall (R 162,3 million projected cost)
 - The raising of Hazelmere is to augment the water supply to the KZN North Coast. This will increase the yield of the dam for long term supply
 - Clanwilliam dam (R 1.83 billion projected cost)
 - Raising of existing dam by 13 metres to provide additional water to establish resource poor farmers and ensure long term safety of the dam wall.
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Integrated water infrastructure investment plan

- Long term infrastructure planning from source to tap to source
 - 10 year integrated plan incorporating departmental programmes, water boards and municipalities
 - Demand driven: “cradle to grave” programme will cover full life cycle cost
 - Current backlogs on operations and maintenance of existing infrastructure (water conservation and water demand management)
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Integrated water infrastructure investment plan

- Investment plan to be ready for consideration for the 2013 budget cycle
- Investment plan will be linked to the corporate geographical information system which will facilitate effective planning and management of infrastructure



Profile of jobs created

Programme / focus area	Number of jobs created				Skills / training interventions
	Women	Youth	PWD	Total	
Adopt-a-river	550	40		590	Basic Water Resources Management, Water Quality, First Aid, Water Safety, Health & Safety, Waste Management Course, Water Conservation and Demand Management, Water Treatment, Mini-SASS, Snake Bites, Identification of Alien Vegetation
RBIG	1125	750	0	3750	Extended Public works programme, Wastewater Treatment Works and Water Treatment Works training of operators artisan and semi skill training programmes





REGULATORY FRAMEWORK



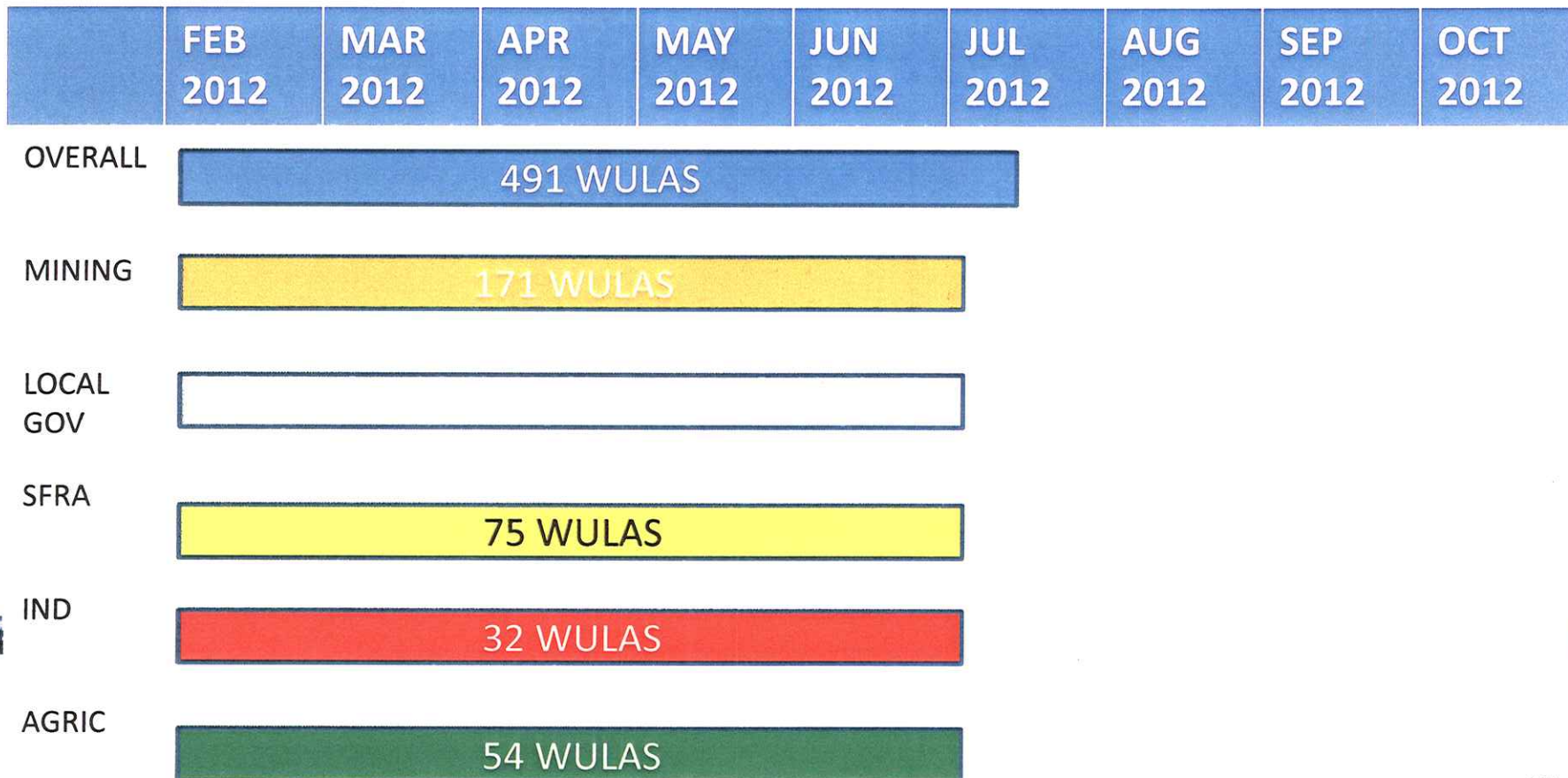
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Water use licensing

- Eradication of water use licensing





JOB CREATION



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INFRASTRUCTURE

	2011/12	2012/13	2013/14	2014/15
WATER AUGMENTATION	1,969	1,236	1,608	2,177
WATER SERVICES	1,693	1,515	1,195	406
REHABILITATION AND REFURBISHMENT	1,104	1,572	942	1,157
TOTAL	4,766	4,324	3,745	3,740



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CAPACITY DEVELOPMENT



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Interventions

- MoU with DBSA
- Utilisation of water board capacity
- TCTA as the implementing agent for De Hoop
- Strategy under development: Targeted recruitment to bring in more engineers



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Financial

- Access to debt through TCTA for the funding of Mokolo and Lesotho Highlands Phase 2
- Improve revenue collection
- Co-funding proposal with other spheres of government
- Explore private funding for some of the infrastructure development programmes



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END



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