





## Multi Project Environment Overview 2007/2008

### TCTA

#### Liability management for bulk raw water infrastructure development

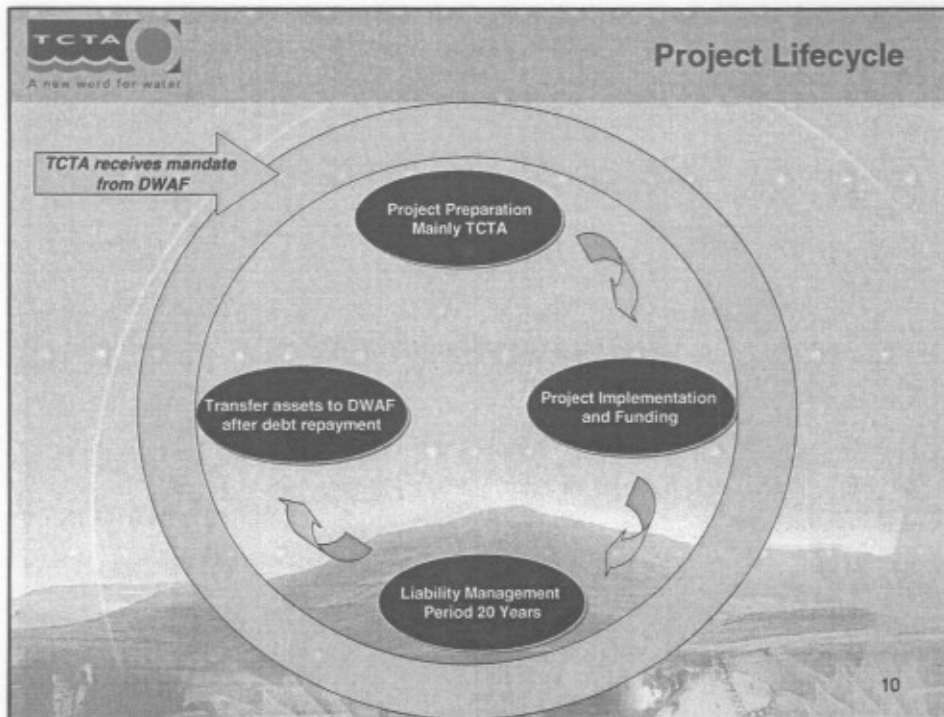
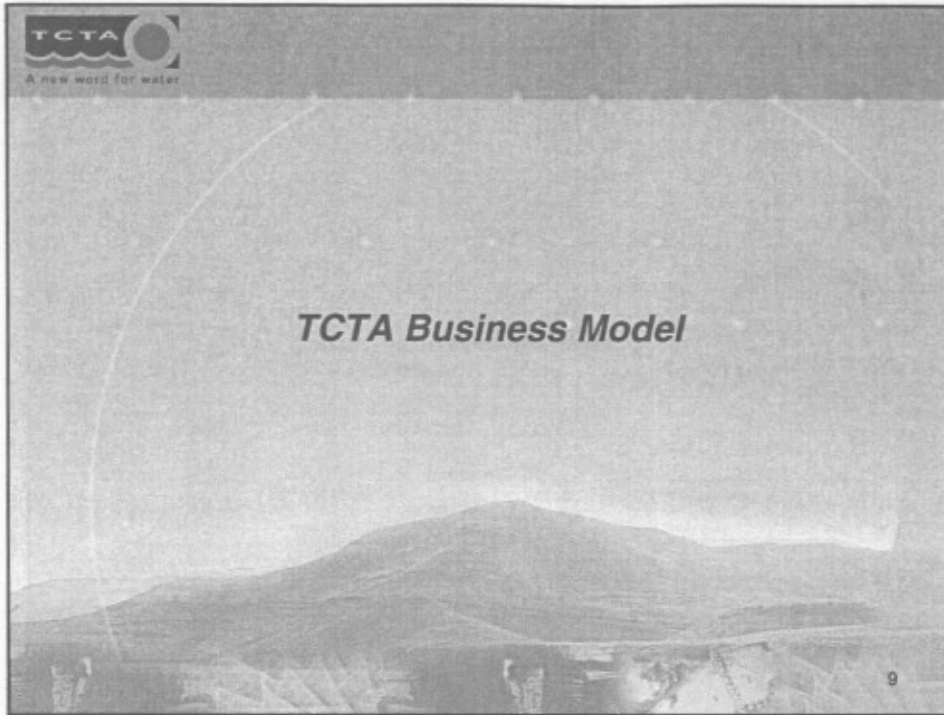
	Implementation & Funding Mandates				Advisory
	LHWP	BWP	VRESAP	MMTS2	DWAF
<b>Revenue Recourse</b>	Explicit Government Guaranteed	• Income stream of BWP • Implied guarantee	• Income stream of VRESAP • Implied guarantee	• Income stream of MMTS2 • Implied guarantee	Cost recovery from DWAF
<b>Mandate Activities</b>	• Funding • Risk management • Operations & management of assets	• Implementation • Funding • Risk management	• Implementation • Funding • Risk management	• Implementation • Funding • Risk management	• Otjants River Water Project (ORWRDP) • Komati Water Augmentation (KWSAP) • Crocodile/Makolo pipeline project
<b>Debt Book</b>	R 19,8 billion	R 1,1 billion	R 2,2 billion	R 0	
<b>Construction info:</b>					
<b>Commenced</b>	1986	2003	2005	Still to commence	
<b>Completed</b>	2001	2008	2010		
<b>Repayment of debt</b>	2025	2028	2029	20 years after construction	7

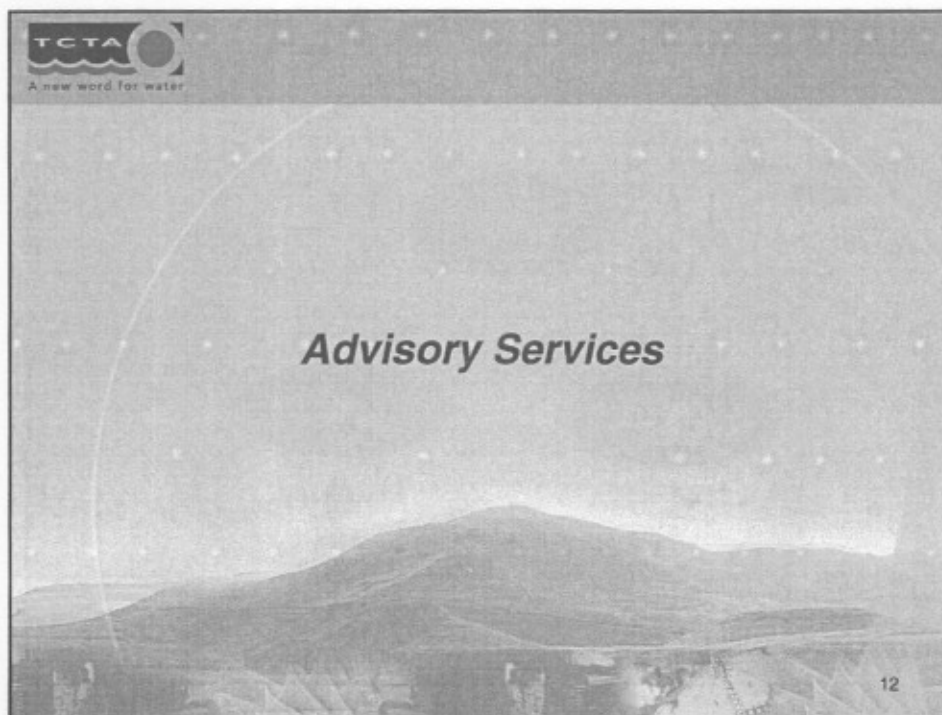
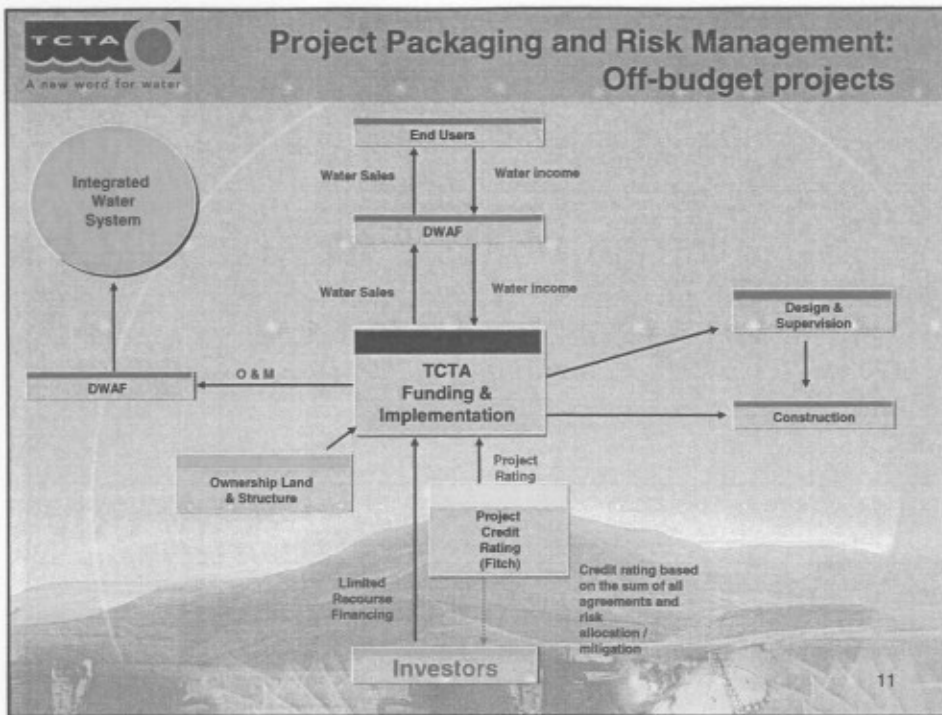


## External Business Imperatives

- Government's significant infrastructure development agenda
- DWAF's 1997 White Paper – end users to pay where possible / commercially viable projects to be funded off-budget
- The need to free exchequer funds for social infrastructure development
- DWAF's shift towards separating policy and regulatory issues from implementation
- Formation of a National Water Resource Infrastructure Agency

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- **Olifants River Water Resource Development Project**
  - Distribution system for water requirements of mines and municipalities (50% social component)
  - Institutional and funding arrangements
  - Mandate to fund and implement – (Received June 2008)
  - Project budget of some R6.5 billion
  - Implementation up to 2015
  
- **Komati Water Scheme Augmentation Project**
  - Water supply to Eskom's Duvha and Matla power Stations
  - Institutional and funding arrangements
  - Mandate expected during September 2008
  - Project budget of some R 1 billion
  - Implementation up to 2012

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***Projects Overview:***

***Berg Water Project  
(BWP)***

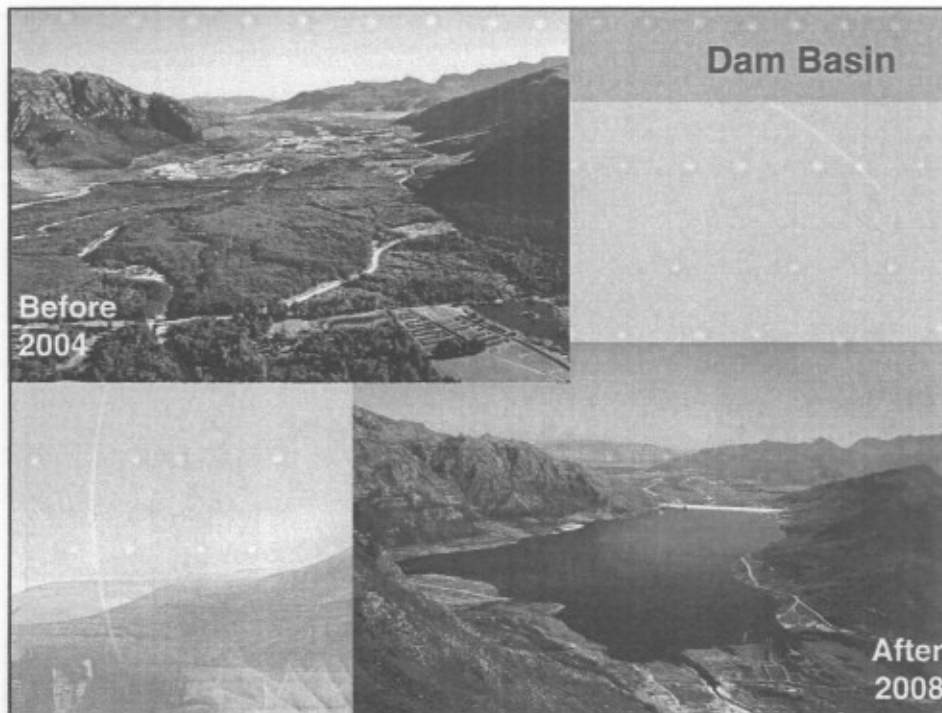
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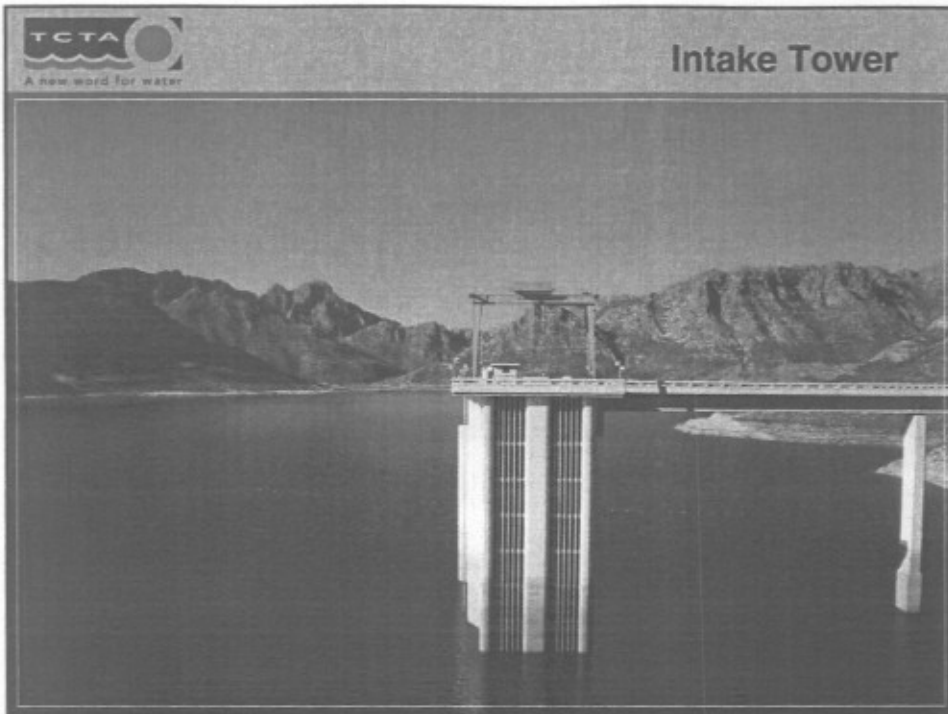
## BWP: Project Highlights

- Completion within time and budget – ready for water delivery to City of Cape Town
- Maintained Fitch Credit Ratings of AA + (zaf) long term and F1 + (zaf) short-term
- More than 1000 jobs created for local communities
- Exceeded procurement targets for BEE participation
- 99% compliance level to with environmental requirements
- 80 La Motte houses to be transferred to the Stellenbosch Municipality for benefit of local communities
- Received two merit awards for Engineering and Environmental excellence

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Supplement Scheme



**Projects Overview:**

***Vaal River Eastern Sub-system  
Augmentation Project  
(VRESAP)***

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## VRESAP: Project Highlights

- Completion of the laying of the 121 km pipeline
- Substantial completion of high-lift pump station and associated infrastructure including the temporary pump station
- 1315 jobs created for local communities
- On schedule to achieve procurement targets set for BEE enterprises including engagement of six woman owned construction companies
- 91% compliance rating on environmental requirements
- On schedule for commencement of water delivery by December 2008
- Completion within approved revised budget of R2.7 billion

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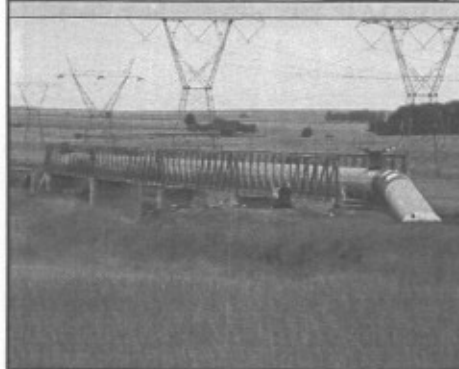
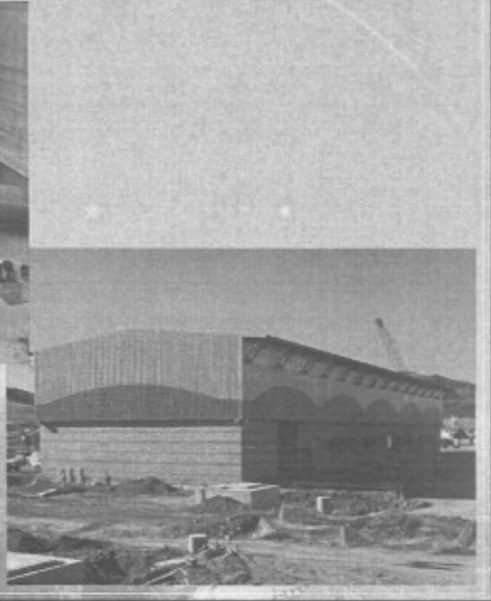
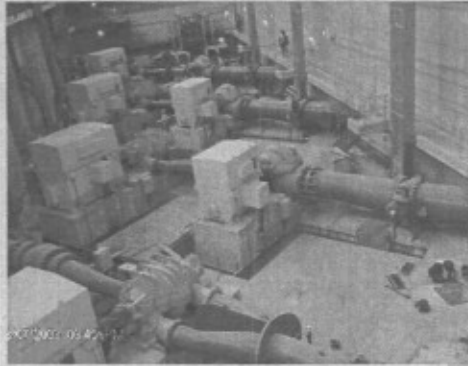


## Pipe Laying

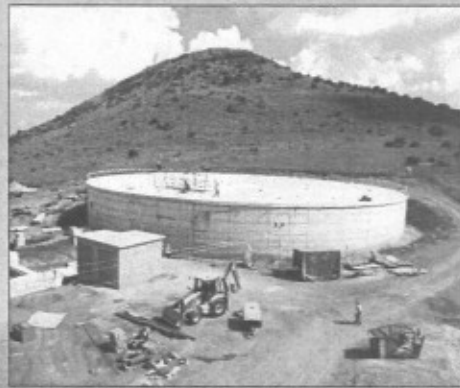




## Boschkop Pump Station



## Surface Structures



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