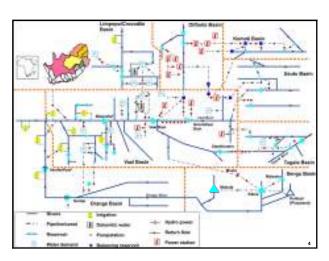
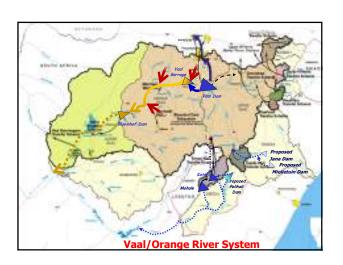


Presentation Layout

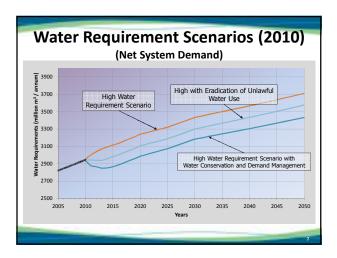
- Introduction
- Summary of Water Requirement and Return Flow Scenarios
- Reconciliation Scenarios
- Strategic Interventions
- Information under review



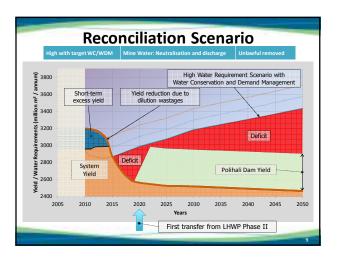


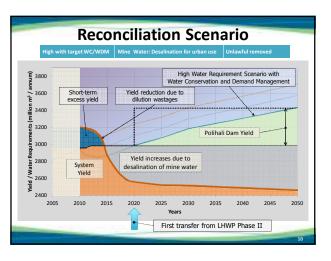


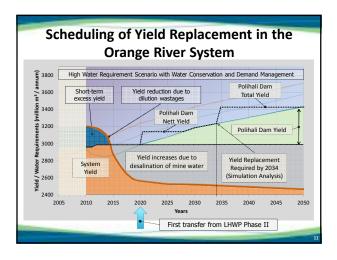
Water Requirements and Return Flows Summary (High Scenario no further WC/WDM)							
DESCRIPTION	2010	2015	2020	2025	2030	2040	2050
DEMANDS:		20.0		2020	2000	2010	
Rand Water	1438	1591	1735	1838	1973	2180	240
Mittal Steel	12	13	14	16	17	17	1
ESKOM	382	405	420	423	423	423	42
SASOL Sasolburg (Raw water)	24	28	31	34	38	42	4
SASOL Secunda	92	103	109	116	124	129	12
Midvaal Water Company	45	46	46	46	46	46	4
Sedibeng Water (Balkfontein only)	45	51	57	61	66	66	6
Other towns and industries	189	193	193	192	193	193	19
Vaalharts/Lower Vaal irrigation	542	542	542	542	542	542	54
Other irrigation in Vaal	612	612	612	612	612	612	61
Wetland/River losses	326	327	328	330	331	333	33
RETURN FLOWS:							
Southern Gauteng (Rand Water)	-405	-423	-462	-491	-523	-577	-63
Midvaal Water Company	-1	-1	-1	-1	-1	-1	
Sedibeng Water	-2	-2	-2	-2	-3	-2	
Other towns and industries	-73	-79	-82	-86	-90	-93	-9
Irrigation	-61	-61	-61	-61	-61	-61	-6
Mine dewatering	-109	-126	-126	-126	-126	-126	-12
Increased urban runoff	-103	-107	-113	-121	-129	-150	-17
OVERALL GROSS SYSTEM DEMAND:	3706	3911	4086	4209	4365	4583	482
OVERALL NET SYSTEM DEMAND:	2951	3114	3238	3320	3432	3572	372

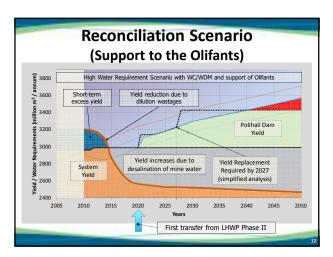










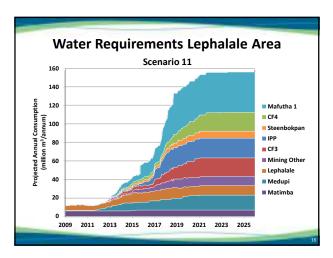


Strategic Interventions

- · Eradication of unlawful water use by 2013
- Implementation of WC/WDM (Project 15%) achieve target savings by 2015
- Implementation of Phase 2 of LHWP by 2020
- Mine water effluent treatment and use by 2014
- Plan yield replacement scheme in Orange 2034
- Manage uncertainties: Vaal, Crocodile and Olifants

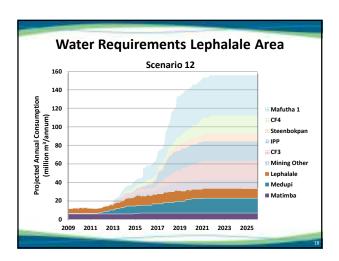


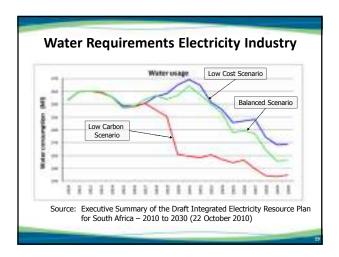




Demand Changes

- Initial planning with Scenarios 8, 9, and 11
- Scenario 11 provided for up to 4 Eskom power stations (incl Matimba and Medupi) plus IPP & Sasol's Mafutha 1
- Department of Energy's Draft Integrated Electricity Resource Plan (October 2010)
- Recommended plan focus on renewable energy sources and nuclear power
- Next coal power station only in 2028
- · Sasol's development plan delayed





Information Under Review

- Transfers required to the Olifants River (Scenario available by September 2011)
- Integrated Electricity Resource Plan (Eskom water requirement scenario available by May 2011)
- Revised Crocodile West River Strategy and transfer needs, if any - September 2011
- Compare 2010/11 water use and return flows against scenarios May 2011

Thank You

Questions for clarity?