



water affairs

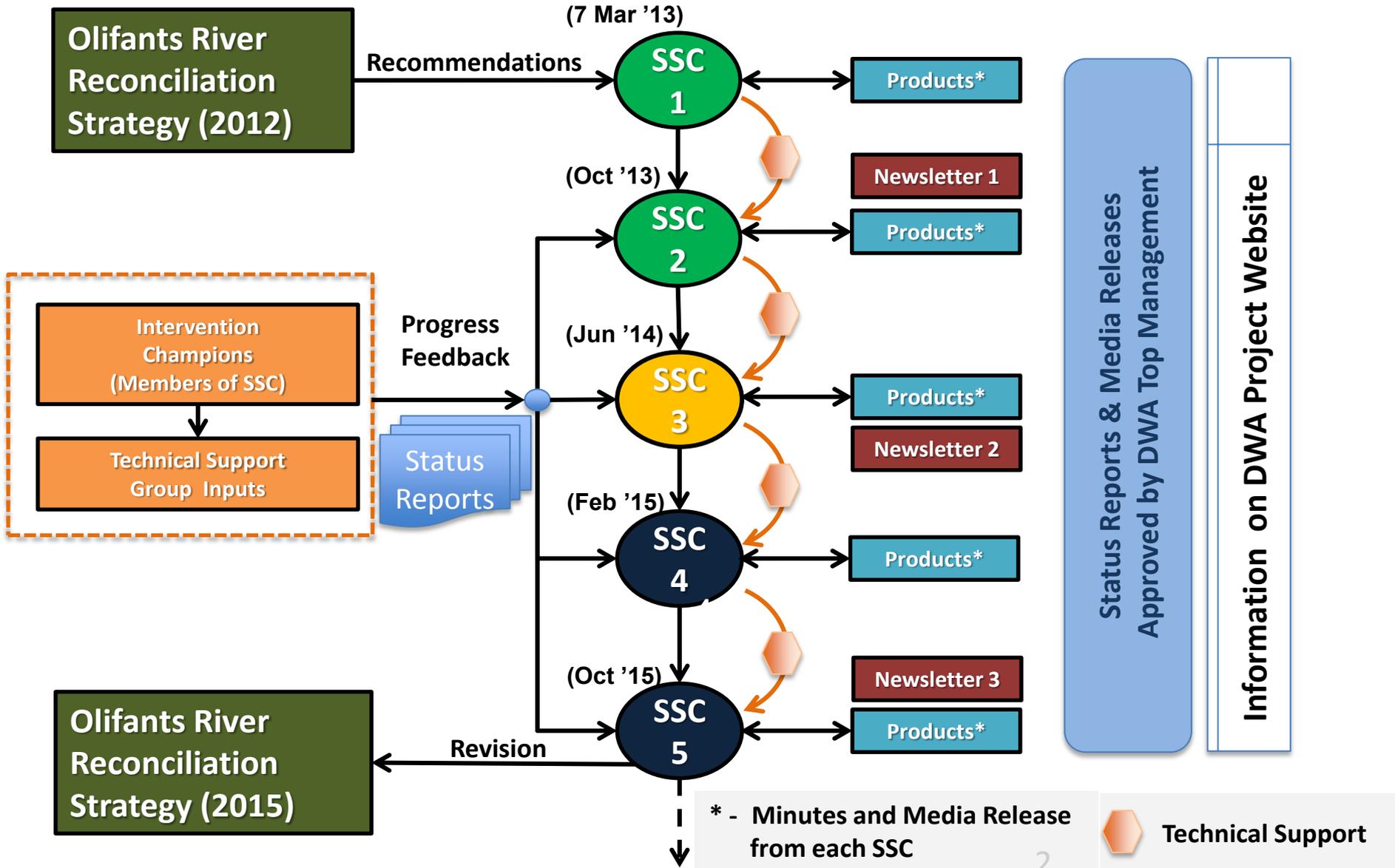
Department:
Water Affairs
REPUBLIC OF SOUTH AFRICA

Development of Reconciliation Strategies for Large Bulk Water Supply Systems of the Luvuvhu and Letaba Water Supply System Study Steering Committee Meeting No 5

20 June 2014

**Continuation of the Olifants River
Reconciliation Strategy
(Item 10.4)**

Olifants River Reconciliation Strategy Progress



Reassessed the 2012 Strategy's scenarios by:

- Formulating a “Full Balance” scenario to meet high water requirement growth scenarios
- Develop individual dam balances to assess transfer infrastructure constraints on the “Full balance scenario”
- Made use of the WRPM to assess the risks associated with the “Full balance” scenario of each individual dam balance

SSC 2 – Some major findings

- ORWRDP Phases 2C and 2D implementation needed to utilise De Hoop Dam.
- Groundwater development is key to the Strategy and first groundwater scheme already required in 2017.
- WC/WDM in Urban sector – target savings adjusted to what realistically can be achieved.
- Incorporate updated mining development planning information into the water balances.
- To investigate differences in projected water requirement for Emalahleni's between the Strategy and the Implementation Readiness Study.



Thank you