

# **Special Session on Water Accounting: Botswana Water Accounts as a guide to water resources policy decisions**

Presentation by: Water Accounting Unit - Department of Water Affairs

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# PRESENTATION LAYOUT



**Botswana Institutional arrangement for NCA**



**Current State of WA**



**Future plans**



**Policy guidance**



**Challenges & lessons**



**Conclusion**

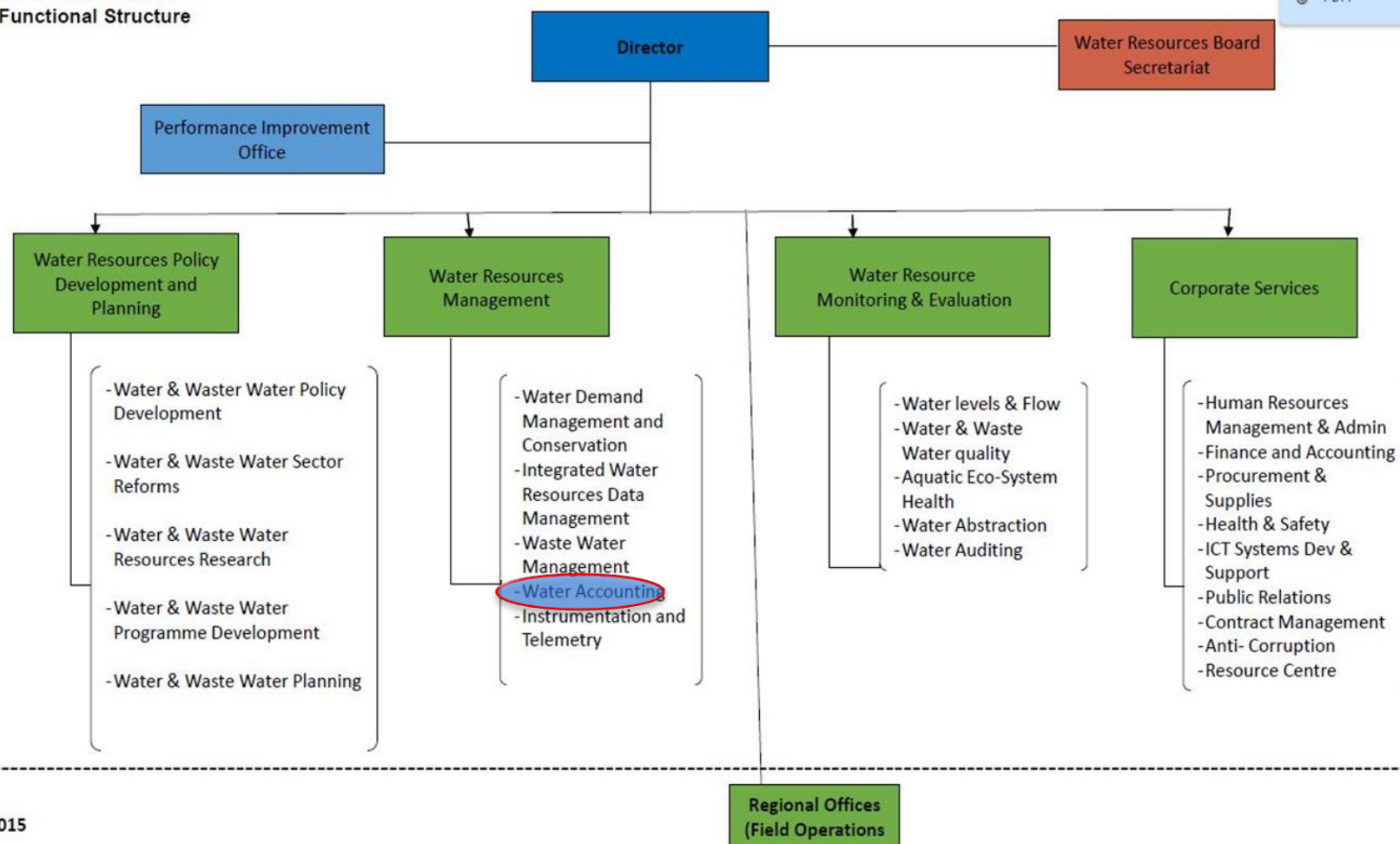
# BOTSWANA INSTITUTIONAL ARRANGEMENT FOR NCA

- Coordination by NCA Unit in the Ministry of Finance and Development Planning
- Implementation of NCA activities is carried out at sectoral level by the Ministries of;
  - Minerals, Energy and Water Resources,
  - Environment, Wildlife and Tourism
- These Ministries are responsible for compiling natural capital accounts for water; minerals; energy; tourism and Macroeconomic Indicators of Sustainable Development.
- NCA Units in all implementing sectors - responsible for the actual development of the accounts.
- Multi- Sectoral Technical Working Groups (TWGs) - assist in timely supply of relevant data and provide technical input in the analysis of the results generated by various component accounts.

# CURRENT STATE OF WATER ACCOUNTS: DWA FUNCTIONAL STRUCTURE

Republic of Botswana  
Department of Water Affairs  
Approved Functional Structure

Appendix III  
Click on Tools to convert  
PDF.



# Current state of WA

## ACHIEVEMENTS

- ✓ Technical assistance by local consultant (CAR) seen as key to a strong laying foundation
- ✓ Institutionalisation at DWA
  - ✓ 3 technical water accounts reports completed: UN SEEA-Water styled accounts (2010-2015)
- ✓ 4 Policy briefs for planners and decision makers
  - ✓ Policy brief on Findings of Botswana Water Accounts (Dec 2013)
  - ✓ Policy brief on Irrigation and Water Resources (Sept 2014)
  - ✓ Policy brief on Mining and Water Resources (Sept 2014)
  - ✓ Policy brief on Botswana's Agriculture and Water Resources (May 2015)
- ✓ Case Studies completed:
  - ✓ Botswana Meat Commission Water risk study
  - ✓ Water Resources Management Zones concept note
- ✓ Close links with 2013 IWRM WE Plan implementation & draft final Water and Waste Water Policy
- ✓ Stakeholder buy-in: Water Utilities Corporation, Botswana Chamber of Mines , Statistics Botswana, Ministry of Agric, MFDP, MMEWR

# Future plans

## On-going Activities

- ✓ Optimization of agriculture data: Irrigation surveys and better livestock numbers, collaboration with BUAN on irrigation data
- ✓ Explore potential for inclusion of wildlife water use
- ✓ Case studies on households not connected to WUC
- ✓ Development of groundwater asset accounts
- ✓ Case study on accounting for climate change and rain-fed agriculture (experimental accounts)
- ✓ Water Accounting Unit to be the DWA data centre for all water data indicators and provide linkage to SDG No.6

# Policy guidance

- **Accounts and associated case studies used as guide for:**
  - Raw water abstraction strategy project (SIWI/DWA)
  - Catchment management committees (SIWI/DWA)
  - National Water Master Plan (NWMP) Review
  - Botswana National Water Conservation and Water Demand management Strategy 2016-2021
- **Establishment of (better) linkages between key stakeholders;**
- **Shared understanding among stakeholders for the need to allocate & utilize water efficiently**





# Challenges – lessons learnt

- Systematic submission of data is a challenge
- Sharing of initial results with stakeholders can improve ownership
- A common identifier number for Service providers, Statistics Botswana and DWA Economic coding can greatly improve the data sorting process.
- More training and capacity building is required to expand the accounts in the future.
- Closer collaboration between the different accounts should be pursued to have a combined NCA report in the future





# CONCLUSION

- Training and capacity building remains a priority
- Institutionalization of NCA post WAVES era
- Resource commitments and strengthening of partnerships/collaboration across all stakeholders (Govt, local authorities, private sector, NGOs, civil society)
- Benefiting from a network of expertise from WAVES global community of practice and technical assistance from the World Bank, SADC and others
- NCA is poised to strengthen data requirements for evidence-based policy decision-making & monitoring of sustainable development in the country
- Communication and Information dissemination is also key







THANK YOU  
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