Groundwater Country Support Tool (CST) - Results of The Namibian Pilot

- Mr Bertram Swartz, Ministry of Agriculture, Water and Land Reform, Namibia
Presentation Outline

• Background
• Aims
• Objectives
• Methodologies
• Process
• Outcomes
• Conclusion

- Provide a strategic partnership platform to share groundwater knowledge and to support the AMCOW member states in their endeavours to improve groundwater management as means to improve the life and livelihoods of their citizens.
- One of the deliverables of the APAGroP is to develop and pilot a Groundwater Country Support Tool (CST), aimed to support member states to make the most of their groundwater resources to enhance sustainable groundwater development and management.
- The German Federal Institute for Geosciences and Natural Resources (BGR) is supporting AMCOW & the government of Namibia in developing the CST through the Sector Project Policy and Advice in Groundwater, which is commissioned by the Federal Ministry for Economic Cooperation and Development (BMZ).
Aims

• To **develop a decision support tool** for groundwater and pilot its application in Namibia
  • The CST is aimed at maximise the sustainable use of groundwater for social and economic development in Namibia.

• To **collect lessons learnt** as well as **provide recommendations** on how the tool can be scaled out and transferred to other member countries in the frame of the APAGroP.
Objectives

To analyse the current status and institutional set-up of groundwater development in Namibia.

2. To identify key challenges and potentials in groundwater management, and
3. To develop an action plan that proposes measures to address the identified needs of, and management, governance and investments in...
Methodologies

• The development of the Groundwater Country Support tool and its pilot application was closely coordinated by the Technical Advisory Group TAG – (AMCOW, SADC-GMI, MAWLR - Namibia, BGR)

• The processes and methodological steps initiated from the diagnostic phase where the context assessment report was generated to the priority actions and action plan phase where an action plan and a desired future state was delivered

• CST Webinars, Workshops and Individual Stakeholders Consultations were used to share and discuss key findings at every juncture of the Phased approach and in so developing a framework for action with concise recommendations
Process

PHASE I: PROFILING GROUNDWATER AND ITS CONTRIBUTION TO DEVELOPMENT

PHASE II: FROM DIAGNOSTIC TO ACTION PLANNING

PHASE III: ACTION PLANNING, FORGING OF PARTNERSHIPS AND RESOURCE MOBILISATION
Outcomes – Connecting Groundwater and Development

**Economic agenda**
- Sectoral development agendas
  - Mining, agriculture, industry

**Social agenda**
- Household water supply / human right to water

**Ecological agenda**
- Healthy ecosystems

**Development agenda**
- Rising population
- Climate resilience

**National development plans**
- Water demand of development aspirations
Outcomes – Connecting Groundwater and Development..cont

**Development agenda**
- Rising population
- Climate resilience

**Economic agenda**
- Sectoral development agendas
  - Mining, agriculture, industry

**Social agenda**
- Household water supply / human right to water

**Ecological agenda**
- Healthy ecosystems

**Groundwater agenda**
- Water resources assessment and monitoring
- Water resources planning

**National development plans**

**Water demand of development aspirations**

**Potential for sustainable use and needs for management**

?
Outcomes – Connecting Groundwater and Development..cont
The CST pilot process is expected to provide a tool that can be used by various stakeholders and decision makers to inform them better on various aspects of groundwater.

For Namibia to move towards the desired future state there is need for a groundwater monitoring, regulatory and management framework to support the developmental state as adapted in the national development framework and amplified through the CST consultative processes.

The outcome of this desired future state is secure and cost-effective water supply through improved access to water for human consumption and industrial activities.

In order to enable access to the benefits of Groundwater we will be required to engage better and beyond the water sector to unlock benefits.
Thank you...