



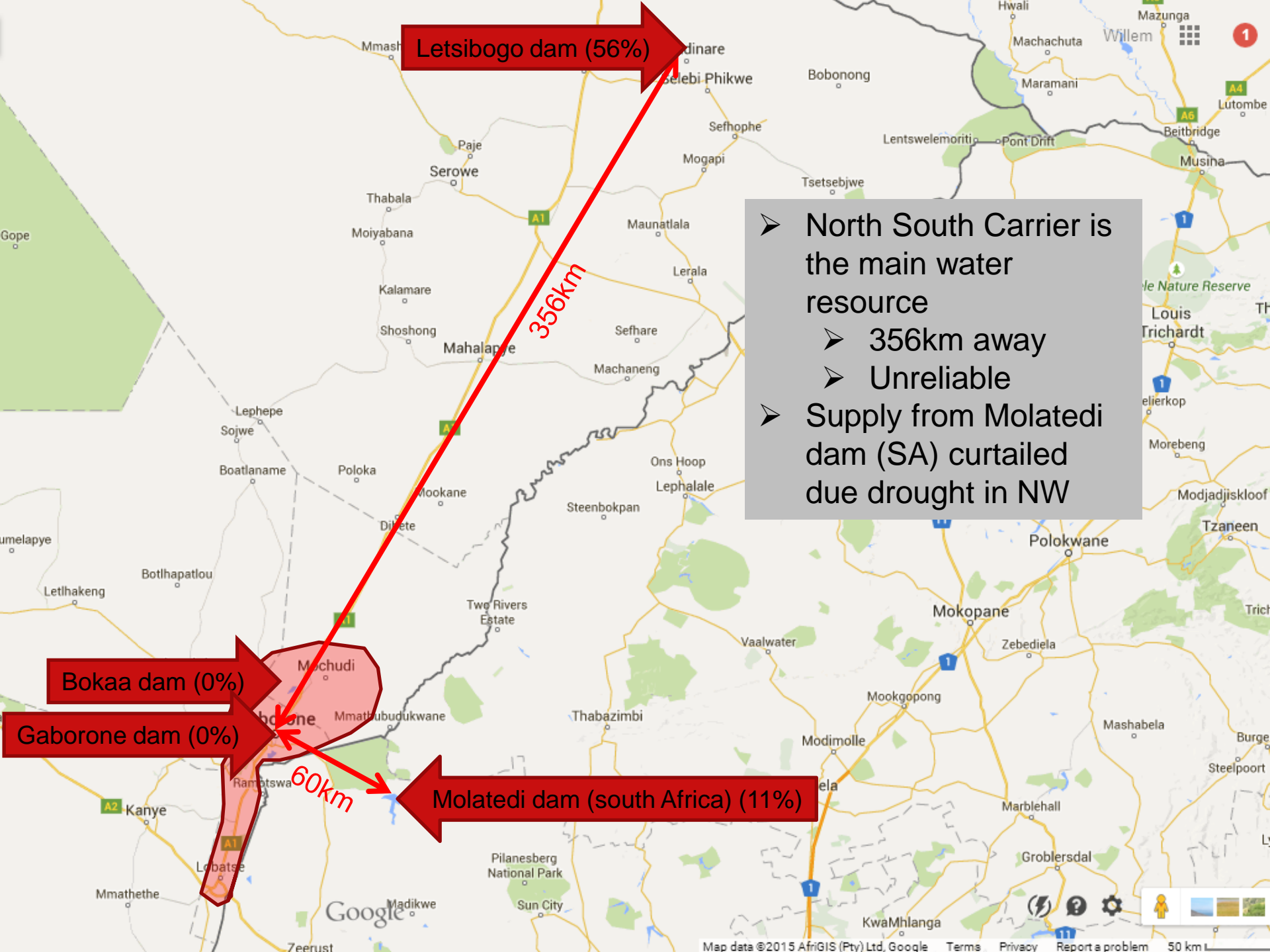
Gaborone Water Loss Reduction Partnership between SADC/GIZ- TWM – FNBB-Foundation-WUC





Project Background

- **WUC sole Water Utility for Botswana, countrywide responsibility for water supply and waste water**
- **Project area covers Greater Gaborone Area and the Water supply to approximately 560 000 people (>25% of Botswana population)**
- **Botswana experiences currently the worst drought since 1983**
- **Severe water shortages: water availability << existing demand, reduced ability to supply (60 % of current demand)**
- **Water rationing introduced in April 2013**
- **Severe load shedding – unable to operate water treatment plants and pumps continuously**
- **Water Losses average 33%**





FNBB FOUNDATION
In partnership with the community
www.fnbbotswana.co.bw

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

Somarela Thothi



- Fund awareness campaigns/ social interventions
- Project Steering

- Fund pressure management
- Overall management of the partnership
- Project Steering

- Ownership for the project
- Implementation with own personnel
- Fund bulk metering and sectorisation
 - Reinvest project savings
 - Project Steering



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Project activities:	Sectorization, Bulk metering, Pressure Management and Leakage Repair in Water Supply Network, Awareness campaigns, Schools programme
Achievements: 17 Mio BWP	3.1 Million m ³ water saved, 17 Mio Pula financial savings (estimations for achievements to reach up to December 2015)
Investment: 5 Mio BWP	Private partner: 960.000 BWP Public partner: 1.400.000 BWP GIZ: 2.600.000 BWP
Benefit for the private partner:	PR, improved environment for business development and investments, improvement of living environment for own employees,



Project Set Up / Applied lessons learnt

- **Managing Consultant vs. Consultant with Advisory function**
- **Strong Involvement of decision makers for finance and audit**
- **Implementation through partner personnel vs. additional manpower on project base**
- **Replication / up scaling approach included from project onset**
- **Ring-fencing and re-investment model for savings proofed to be interesting and applicable on a regional scale.**
- **Joint steering and strong involvement of all partners key success factor**
- **Balancing of interests between private and public partner**
- **Intermittent supply and rationing are making base lining and monitoring of results very difficult and are also limiting the savings**



Key achievements and results (till end of 09/2015)

- 7 WUC employees as WCO trained, 100 % dedicated to project, awareness activities continuously on-going: Community outreach activities, schools programme, top consumer meetings
- 4 Brochures developed in English and Setswana and distributed (> 20.000)
- 29 existing control valves identified, serviced and put into operation
- 11 new pressure reduction installations under construction
- Repair of several large leaks in the supply network
- Implementation through WUC personnel and continuous training of involved employees
- Improved awareness within WUC and strengthened intersectoral work
- 436.000 m³ water saved through pressure management



Thank you
very much
for your
attention
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