

# Collective and sustainable management of the Goedertrouw Dam



1. Catchment balance
2. Stakeholders training on basic principle of understanding of water release principle
3. Excel tool guiding Goedertrouw Dam sustainable release
4. Stakeholders training on the tool
5. Guidelines on the basic water release principles and tool
6. Presenting the model to the national level

→ What's next?

→ How can we make it more effective?

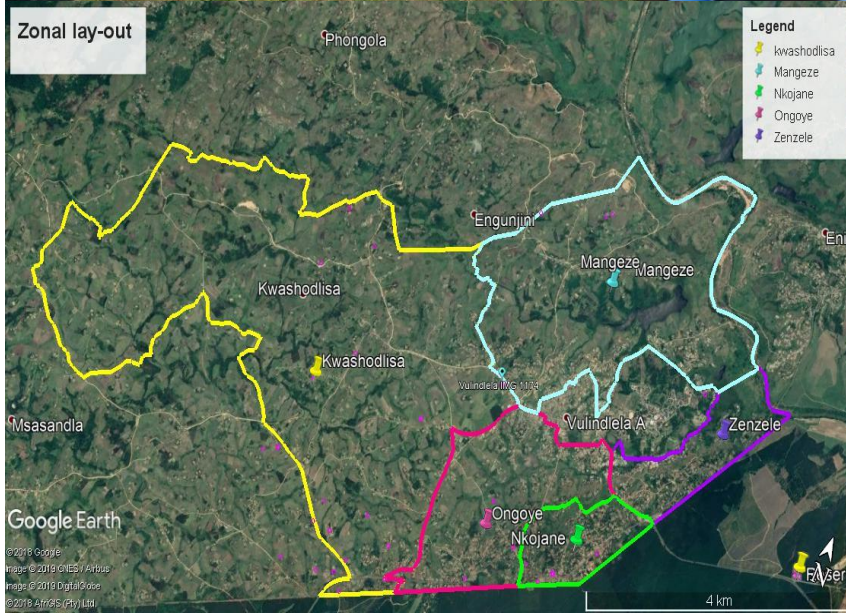
# Citizen and youth-based water and waste management



- Purpose: to support the CoU to reduce water consumption and improve waste management in communities within the municipal area.
- Priority UWASP work area 1 (Strategic Water Governance) and 3 (Ecological Infrastructure Restoration)
- Assignment: Design and develop a local community water and waste management programme that identifies best practices and tailors existing initiatives to suit the needs and specific set of circumstances of the CoU and embeds it into the municipality structures (Green Team) for coordinated rollout.
- Next steps and how UWASP partners can support....



# Downstream water efficiency and leakages reduction



1. Gap analysis and identification of key challenges
2. Pressure analysis
3. First population count in Gobandluvo
4. Second population count in Vulindlela area- Zenzele, Ongoye, Kwashodisa, Nkojane and Mangeze.
5. Presentation on smart meters potential

Projected figures	ZONAL AREA							Vulindlela (CENSUS 2011)	Total	
	Zenzele	Ongoye	Kwashodisa		Nkojane	Mangeze				
			Drone coun	Estamate rest of area		Drone coun	Estamate rest of area			
People 2019	4015	7709	2055	4940	4487	1193	1193	6114	31 706	
Water required l/capita/day	130	130	130		130	130		130	130	
Total Monthly Water demand (kl)	15659	30066	8014		17501	4651		23845	123 653	
Water demand kl/household/month	15	16	23		19	9		20	22	
<b>Current figures</b>										
Census 2011	1587	4260	790		1659	1162		6114	15 572	
Population increase	153%	81%	160%		170%	3%			1	
Dec 17 to Dec 18 water supply kl/month									183 712	
Current Water consumption l/capita/day									193	
Monthly bulk supply deficit (kl) = inefficiencies and/or losses									<b>33%</b>	<b>60 059</b>
Current over consumption (l/c/d) = inefficiencies and/or losses									<b>22%</b>	<b>62</b>