



Proposed support for water infrastructure, Hwange District

Hwange
21 October 2015

Nature conservation and livelihoods in the KAZA TFCA

- Some 3m people live in the KAZA TFCA
- Human-wildlife conflict is widespread
- Protected areas and wildlife dispersal areas complicate livelihoods and rural development
- KAZA committed to livelihoods support, co-ordinated through national policies and programmes



KAZA livelihoods framework

- Reinforces KAZA's commitment to sustainable rural livelihoods
- Effective transfrontier conservation impossible in a context of poverty
- Focus on livelihoods adversely affected by nature conservation
- A SADC programme under auspices, and in support, of national authorities

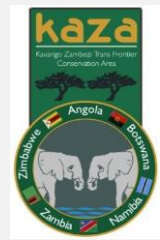


KAZA livelihoods framework

Intervention category	May be facilitated and funded by KAZA	May be facilitated by KAZA and funded by others
Mitigation of human-wildlife conflict	✓	✓
Support for voluntary adjustment of settlement patterns	✓	✓
Agricultural consolidation, intensification	✓	✓
Community-based tourism	✓	✓
Other natural resource-based enterprises	✓	✓
Basic infrastructure		✓

KAZA support for community water infrastructure

- Collaboration and funding being negotiated with CRIDF
- Namibia first; then Zimbabwe; possibly other countries (Zambia, Angola...?) later
- Focus on basic human needs and associated livelihoods support for communities affected by HWC



Preparatory activities

- Site selection in consultation with Hwange Rural District Council, chiefs and other community leaders
- Scoping visits, March and July 2014
- Technical design mission, March-April 2015
- Consultation with Government of Zimbabwe, Harare, 9 October 2015:
 - Department of Environment
 - Department of Climate Change
 - Parks and Wildlife Management Authority



Sites in Hwange District

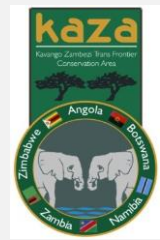


Sites in Hwange District



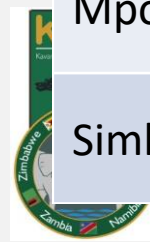
Proposed work at each site

- Note that these are preliminary plans, still subject to final design, feasibility check and funding approval
- Borehole(s) with solar pump
- Communal standpipe(s)
- Reticulation to cattle trough(s)
- Small fenced vegetable garden for group operation with hoses or drip irrigation
- Sanitation and hygiene programme linked to irrigated gardening extension



Details of current proposals

Site	Population (hh)	Bore-holes	Tanks	Garden area (ha)	Irrigated area (ha)	Stand-pipes	Cattle troughs
Bahani	130	2 x 80m	2 x 10m ³	2 x 4.0	2 x 4.0	2 x 3	2 x 3
Bhale	36	1 x 80m	1 x 10m ³	1.5	1.0	2	2
Kasibo	40	1 x 80m	1 x 10m ³	1.5	1.5	2	2
Mphakati 1	29	1 x 80m	1 x 10m ³	1.0	1.0	2	1
Mphakati 2	35	1 x 80m	1 x 10m ³	1.5	1.5	2	2
Mpopoma	40	1 x 80m	1 x 10m ³	1.5	1.5	2	2
Simkhulule	112	2 x 80m	2 x 10m ³	2 x 4.0	2 x 4.0	Z x 3	2 x 3



Environmental screening

- Has been carried out as required by CRIDF procedures and in line with national legislation
- No major challenges identified
- Concluded that no permits would be needed unless borehole proposed in forest area near Simkhulule
- Dam rehabilitation would need more detailed investigation and approvals. Not proposed at this stage.



Proposed implementation arrangements

- Seek and secure funding
- Series of construction/installation contracts
- 12-month Community Health and Food, Agriculture and Nutrition Club programmes at each site
- Certification and hand over of boreholes, pumps and reticulation
- Operation and support



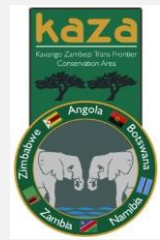
Proposed institutional framework

- Funding source: to be identified
- CRIDF facilitation and monitoring of funding and implementation
- KAZA implementation under auspices of HRDC and MEWC
- Hand over to Community Health Clubs under auspices of HRDC
- KAZA and HRDC monitoring
- Technical support by HRDC



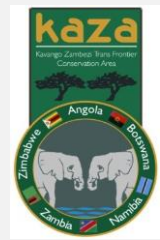
Proposed next steps

- Identify, negotiate and confirm funding
- Ongoing liaison with local authorities through KLO
- KAZA procures supervisors and contractors in consultation with HRDC and CRIDF
- Installation and Community Health/Food, Agriculture and Nutrition Clubs start



The future

- Under auspices of MEWC and in line with its livelihoods framework, KAZA will continue support for sustainable rural livelihoods in areas affected by wildlife and conservation
- If this initiative succeeds, further support for water infrastructure and related developments is not excluded





Thank you!