



Detailed Implementation & Financial Report

Socio-Economic Land-Use Study in Kafue Floodplain (2023)

1. Project Overview

- **Title:** Socio-Economic Land-Use Study in Kafue Floodplain
- **Location:** Kafue Floodplain, Kafue District, Zambia
- **Duration:** January – December 2023
- **Goal:** To analyze the interplay between ecological conditions and community livelihoods—including grazing, farming, and flood adaptation—to inform sustainable land-use policies.

2. Background & Rationale

- The **Kafue Flats** is Zambia's second-largest floodplain, covering roughly 6,500 km², stretching through Central, Lusaka, and Southern Provinces, and supporting livelihoods tied to hydropower, fishing, grazing, and agriculture.
 - Regulatory changes due to dams like **Itezhi-Tezhi** and **Kafue Gorge** have disrupted natural flooding cycles, threatening flood-dependent livelihoods and land resilience.
 - A combined ecological and socio-economic assessment was necessary to guide locally informed adaptation and land governance strategies.
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3. Activity Components

- Conducted **household surveys** with 200 households to understand livelihood shifts and flood impacts.
 - Carried out **ecological sampling** (soil, vegetation, water access).
 - Hosted **focus group discussions** with local farmers, pastoralists, and fishers.
 - Developed **GIS land-use maps**, highlighting grazing, agriculture, and flood-risk zones.
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- Facilitated a **policy dialogue workshop** to co-create adaptive land governance proposals.
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4. Detailed Execution Phases

Phase 1: Planning & Scoping (Jan–Feb 2023)

- Developed tools and recruited 12 youth enumerators.
- Secured approvals from traditional leaders and district officials.

Phase 2: Field Data Collection (Mar–May 2023)

- Deployed surveys, conducted ecological site visits, and held focus group sessions across five villages.

Phase 3: Data Analysis & Mapping (Jun–Aug 2023)

- Analyzed household data, ecological indicators.
- Generated GIS-based land-use and flood pattern maps.

Phase 4: Validation & Policy Co-design (Sep–Oct 2023)

- Presented findings to District Council and community representatives.
- Drafted rotational grazing bylaws and land-use zoning proposals.

Phase 5: Reporting & Dissemination (Nov–Dec 2023)

- Published the full study report.
 - Shared results via community meetings and stakeholder platforms.
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5. Implementation Timeline

Activity Phase	Timeline
Planning & Scoping	Jan – Feb 2023
Field Data Collection	Mar – May 2023
Data Analysis & GIS Mapping	Jun – Aug 2023
Stakeholder Validation & Policy Work	Sep – Oct 2023
Reporting & Dissemination	Nov – Dec 2023

6. Outcomes & Impact

- **Household Insight:** 200 respondents revealed 80% had adjusted livelihoods due to flooding disruptions.
 - **Ecological Findings:** Soil moisture and vegetation decline mapped, especially near settlements.
 - **Spatial Insights:** GIS outputs identified critical grazing corridors and flood-influenced zones.
 - **Policy Influence:** Two villages initiated grazing bylaws based on Lusceiy's recommendations.
 - **Youth Development:** 12 enumerators gained valuable research, mapping, and stakeholder engagement experience.
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7. Key Partners

- **University of Zambia, Department of Environmental Studies** – Technical oversight and analysis.
 - **Kafue District Council** – Field access, stakeholder coordination.
 - **Traditional Leadership** – Community liaison and cultural advocacy.
 - **Youth Enumerators** – Ground-level data collection and engagement.
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8. Youth Testimonials & Community Voices

“As an enumerator, I learned how floods have changed how we farm and herd. Mapping patterns has helped us talk about grazing zones—and that feels powerful.”
— *Loveness Phiri*, Youth Enumerator

“We used to count on the floods to nourish our fields—now they come at the wrong time. This study helped us see what needs to change, and we helped draft the grazing plan ourselves.”
— *Mwanza Chomba*, Smallholder Farmer

9. Financial Report – ZANACO Grant (\$25,000)

Budget Area	Amount (USD)	Description
Survey Design & Tools	\$1,500	Development, piloting, printing
Enumerator Training (12 youth)	\$2,500	Training materials, per diems
Field Data Collection	\$8,000	Travel, lodging, meals
Ecological Sampling Tools	\$3,000	Soil kits, measurement tools
Focus Groups & Workshops	\$2,000	Supplies, venue hire, refreshments
GIS Mapping & Analysis	\$3,500	Satellite imagery, software licenses
Reporting & Dissemination	\$2,000	Design, printing, meetings
Administration & Logistics	\$1,500	Coordination, communications
Contingency (5%)	\$1,000	Unexpected costs buffer
ZANACO Banking Services	\$1,000	Account maintenance, transfers
Total	\$25,000	Fully allocated

Notes:

- Youth-led operations and local procurement kept costs efficient.
- Banking services aligned with ZANACO's sustainability and financial inclusion values.

Summary

This integrated report demonstrates Lusceiy's strategic combination of **evidence-based social and ecological research**, **youth engagement**, **community-driven policy influence**, and **robust financial stewardship** supported by ZANACO—aligning directly with UNCCD values of sustainable land management and inclusive resilience.

Approved by:



Naomi Chishimba
Executive Director
Lusceiy Youth Multi-Purpose Cooperative Society

Date: 15th January 2024