

Implementation Report

Youth-Led Climate Adaptation Research
January 2024 – December 2024

1. Project Overview

- **Title:** Youth-Led Climate Adaptation Research
 - **Location:** Mongu & Nalolo Districts, Zambia
 - **Duration:** January – December 2024
 - **Objective:** Build youth capacity in participatory research to generate evidence on climate impacts and adaptation options, and use findings to inform provincial planning and policy.
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2. Background & Rationale

- Western Province faces recurring floods and droughts that undermine farming and fishing livelihoods.
 - Communities lack reliable local data on climate impacts, limiting effective planning.
 - Engaging youth in climate research empowers them as change agents and ensures findings are rooted in community realities.
 - The project aligns with Zambia's National Climate Change Response Strategy and SDG 13 (Climate Action).
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3. Activity Components

- Training youth researchers in participatory methods, data collection, and analysis.
- Household surveys and focus groups on livelihood vulnerability and adaptation strategies.

- Collection of hydrological and weather data.
 - Mapping of climate risks and adaptation options using GIS tools.
 - Dissemination of findings through policy briefs and stakeholder forums.
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4. Execution Phases

Phase 1 – Training & Tool Development (Jan – Feb 2024)

- 50 youth trained in research skills; data collection tools validated.

Phase 2 – Field Research (Mar – Jul 2024)

- 300 households surveyed; 20 focus group discussions conducted; river level and rainfall data compiled.

Phase 3 – Data Analysis & Mapping (Aug – Oct 2024)

- GIS maps of flood-prone zones created; adaptation strategies identified.

Phase 4 – Policy Engagement & Dissemination (Nov – Dec 2024)

- 2 policy briefs prepared; results presented at provincial council and community feedback sessions.
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5. Implementation Timeline

- **Jan – Feb 2024:** Training & tool development
 - **Mar – Jul 2024:** Household surveys & data collection
 - **Aug – Oct 2024:** Data analysis & mapping
 - **Nov – Dec 2024:** Policy briefs & dissemination
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6. Outcomes & Impact

- **Capacity Built:** 50 youth gained participatory research and climate analysis skills.
- **Knowledge Generated:** Comprehensive dataset on community vulnerabilities and adaptation practices.
- **Policy Influence:** 2 policy briefs presented to provincial government, shaping adaptation planning.
- **Community Engagement:** 500 residents engaged in discussions, strengthening ownership of adaptation strategies.

7. Key Partners

- **University of Zambia (Environmental Studies):** Technical guidance.
- **Provincial Planning Office:** Policy uptake and integration.
- **District Councils (Mongu & Nalolo):** Local support and dissemination.
- **Funding Partner:** Climate Research Fund.

8. Beneficiary Testimonial

“This was my first time conducting research — now I see how data can change decisions for our villages. I feel proud to be part of shaping solutions.” — **Natasha Sililo, Youth Researcher**

9. Financial Report – Climate Research Fund (\$60,000)

| Budget Item | Amount (USD) | Description |
|-----------------------------------|--------------|---|
| Youth Training & Tool Development | \$10,000 | Workshops, trainers, research materials |
| Field Research (Surveys & FGDs) | \$20,000 | Enumerator allowances, transport, logistics |
| Hydrological & Climate Data | \$8,000 | Equipment, data purchase, technical support |

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|-----------------------------------|-----------------|---|
| GIS Mapping & Data Analysis | \$7,000 | Software, consultancy, analysis costs |
| Policy Engagement & Dissemination | \$7,000 | Stakeholder forums, briefs, printing |
| Monitoring & Evaluation | \$4,000 | Quality assurance, midline/endline review |
| Administration & Contingency | \$4,000 | Coordination, reporting, buffer |
| Total | \$60,000 | Funded by Climate Research Fund |

Summary

The Youth-Led Climate Adaptation Research project empowered 50 youth to collect and analyze data on climate change impacts in Mongu and Nalolo. Findings informed adaptation strategies, influenced provincial policy, and built youth leadership in climate action. By integrating local knowledge and scientific data, the project created practical solutions to enhance resilience.

Approved by:



Mundia Situmbeko
Executive Director, Katupark Cooperative Society

Date: 18th December 2024