

Detailed Implementation & Financial Report

Climate-Smart Agriculture & Youth Farmer Training January 2023 – December 2024

1. Project Overview

- **Title:** Climate-Smart Agriculture & Youth Farmer Training
- **Location:** Nalolo District, Western Province, Zambia
- **Duration:** January 2023 – December 2024
- **Objective:** Build youth capacity in climate-smart farming practices and agribusiness incubation to increase productivity, improve livelihoods, and promote climate resilience.

2. Background & Rationale

- Youth in Nalolo face declining yields due to erratic rainfall, soil degradation, and lack of modern skills.
- Climate-smart agriculture (CSA) — including organic fertilizer use, irrigation, and crop diversification — offers resilience against climate shocks.
- Supporting youth in agriculture contributes to job creation, food security, and aligns with Zambia's National Agricultural Policy and SDG 2 (Zero Hunger).

3. Activity Components

- **Youth Training:** 50 youth trained in CSA techniques (organic fertilizers, irrigation, conservation tillage).
- **Demo Plots:** 4 plots established for practical learning.
- **Input Support:** Starter kits for sunflower and vegetable production.
- **Irrigation Systems:** Small-scale drip irrigation installed on 2 plots.
- **Business Incubation:** Agribusiness plans developed; mentoring in cooperative enterprise management.

4. Detailed Execution Phases

- **Phase 1 – Mobilization & Training (Jan – Jun 2023):** Recruited 50 youth; held workshops on CSA practices.
- **Phase 2 – Demonstration & Input Distribution (Jul – Dec 2023):** Established 4 demo sites; distributed organic fertilizer kits.
- **Phase 3 – Production & Irrigation (Jan – Jun 2024):** Supported irrigation installation; first sunflower and vegetable production cycle.
- **Phase 4 – Enterprise Development & Market Linkages (Jul – Dec 2024):** Developed 40 agribusinesses; created market linkages with local buyers.

5. Implementation Timeline

Phase	Timeline
Mobilization & Training	Jan – Jun 2023
Demo Plots & Input Support	Jul – Dec 2023



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Production & Irrigation Jan – Jun
2024

Enterprise Development Jul – Dec
2024

6. Outcomes & Impact

- **Capacity Building:** 50 youth trained in CSA and agribusiness.
- **Enterprises:** 40 youth-run agribusinesses launched.
- **Agricultural Land:** 60 ha under sustainable practices.
- **Income Growth:** Average farmer income increased by 35%.
- **Resilience:** Reduced dependence on rain-fed farming; improved food security.

7. Key Partners

- **Ministry of Agriculture:** Technical trainers and input support.
- **FAO Zambia:** Financial and technical support for CSA.
- **Local Councils:** Provided land and coordination support.
- **Private Buyers:** Linked youth farmers to local produce markets.

8. Youth/Community Testimonials

"I used to farm with low yields. Now, with irrigation and CSA training, I can harvest more and sell surplus to buyers. My income has grown, and I feel hopeful for the future."

— Kelvin Mwanza, Young Farmer

9. Financial Report – Donor Grant (\$120,000)

Budget Item	Amount (USD)	Description
Training & Workshops	\$25,000	Trainers, venues, manuals, allowances
Demo Plots & Inputs	\$30,000	Seeds, organic fertilizers, irrigation setup
Irrigation Systems	\$20,000	Equipment purchase & installation
Business Incubation	\$15,000	Mentorship, business plan development
Market Linkages	\$10,000	Buyer engagement, transport
Monitoring & Evaluation	\$10,000	Surveys, impact assessment, reporting
Administration & Contingency	\$10,000	Coordination, staff, overheads
Total	\$120,000	

10. Summary

This CSA initiative empowered 50 youth with practical farming and business skills, resulting in the creation of 40 agribusinesses and improved community resilience. By combining training, demo plots, irrigation, and enterprise incubation, the project achieved both social and economic impact. The model demonstrates strong scalability across rural Zambia.

Approved by:



Mercy Ndhlovu

Executive Director