

Detailed Implementation & Financial Report

Skills for Capital: Vocational Training in Solar Installation January – December 2024

1. Project Overview

- **Title:** Skills for Capital: Vocational Training in Solar Installation
 - **Location:** Mkushi & Kapiri Mposhi Districts, Central Province, Zambia
 - **Duration:** January – December 2024
 - **Objective:** Equip unemployed youth with practical skills in solar installation and entrepreneurship to promote clean energy access and sustainable livelihoods.
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2. Background & Rationale

Access to electricity remains limited in many rural areas of Central Province. At the same time, youth unemployment is high, leaving many without viable income sources. Solar technology presents an opportunity to address both challenges: expanding energy access while creating green jobs. Training youth in solar installation builds local capacity, supports Zambia's

renewable energy goals, and advances SDG 7 (Affordable & Clean Energy) and SDG 8 (Decent Work).

3. Activity Components

- **Vocational Training:** Intensive skills development in solar panel installation, wiring, and maintenance.
 - **Start-Up Toolkits:** Provision of solar installation kits to selected graduates.
 - **Entrepreneurship Modules:** Training in business planning, pricing, and marketing.
 - **Market Linkages:** Connecting graduates to companies and households in need of installations.
 - **Certification:** Graduates accredited by a recognized technical body.
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4. Detailed Execution Phases

Phase 1 – Mobilization & Curriculum Development (Jan–Feb 2024):

Partnership with Serenje Technical College to design training curriculum.

Phase 2 – Training Delivery (Mar–Jul 2024):

50 youth trained in solar installation and entrepreneurship.

Phase 3 – Toolkits & Job Placement (Aug–Oct 2024):

20 top graduates received start-up kits; linkages made with renewable energy companies.

Phase 4 – Certification & Reporting (Nov–Dec 2024):

35 graduates certified and 12 supported to start their own businesses.

5. Implementation Timeline

Phase

Timeline



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Mobilization & Curriculum Development	Jan–Feb 2024
Training Delivery	Mar–Jul 2024
Toolkits & Job Placement	Aug–Oct 2024
Certification & Reporting	Nov–Dec 2024

6. Outcomes & Impact

- **Capacity:** 50 youth trained in solar installation and entrepreneurship.
 - **Employment:** 35 graduates employed in the renewable energy sector.
 - **Entrepreneurship:** 12 graduates started their own solar installation businesses.
 - **Access:** Over 200 rural households gained access to solar energy through graduate services.
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7. Key Partners

- **Renewable Energy Association of Zambia:** Technical support and market linkages.
 - **Serenje Technical College:** Training curriculum and certification.
 - **District Councils:** Community mobilization and project oversight.
 - **Funding Partner:** Clean Energy Skills Fund (Grant: \$80,000).
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8. Youth & Community Testimonials

"I now install solar systems and earn enough to support my siblings. This program gave me a profession and dignity." — *Maria Liywalii, Graduate*

"With trained youth nearby, we can finally access affordable solar power in our village." — *Headman, Mkushi District*

9. Financial Report – Clean Energy Skills Fund Grant (\$80,000)

Budget Item	Amount (USD)	Description
Curriculum Development & Trainers	\$12,000	Technical experts, training materials
Training Delivery	\$25,000	Venue, stipends, trainers, logistics
Start-Up Toolkits	\$15,000	20 solar installation kits for graduates
Entrepreneurship & Business Support	\$10,000	Business skills workshops, mentoring
Certification & Accreditation	\$8,000	Examination fees, certificates
Monitoring & Evaluation	\$6,000	Surveys, tracking graduate outcomes
Administration & Contingency	\$4,000	Coordination, communication, overheads
Total	\$80,000	Grant Allocation

Summary

The Skills for Capital: Vocational Training in Solar Installation project empowered 50 youth with technical and entrepreneurial skills, creating new jobs and expanding renewable energy access in rural Central Province. By the end of 2024, 35 youth were employed and 12 started their own businesses, showcasing the potential of youth-led clean energy solutions.



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