



COMMUNITY-BASED ADAPTATION IN NAMIBIA

United Nations Development Programme

Government of Japan's Support to Namibia

UNDP, through funding from the Government of Japan, is supporting efforts in Namibia to create a model for community level climate change adaptation measures. The model is based on the implementation of concrete activities that deliver quick results, address community priorities, and integrate with local practices. It also targets capacity building efforts for non-governmental organizations (NGOs). The Namibia project is expected to have a positive impact on national policy as well as build global momentum for increased action around climate change adaptation.

Key Outputs

- 1** Inform and Engage National-Level Policymakers in the CBA Process
- 2** Use Local Volunteers at Project Sites to Support Community Mobilization, Social Cohesion and Improve Adaptation Strategies
- 3** Compile and Disseminate Lessons from CBA-Related Activities
- 4** National and Regional Exchange of Best Practices and Lessons Learned

Targeted Areas of Intervention and Support to Local Communities

Soil Conservation:

OIKE group farmers, including key women farmers, recently undertook conservation tillage in Onakapya and Ongungwelumwe using a "ripper" (a ploughing implement that is being popularized in the region for soil tilling). Through a partnership forged with Consulting Entrepreneurs Solutions (CES), an international NGO with a local presence, the group received hybrid seeds for a number of crops types in the region, which are producing excellent results. Through the application of CONTILL conservation agriculture and use of hybrid seeds, communities were able to harvest 10 of 57 kg bags per hectare. This is comparable to normal harvesting figures for this drought/flood stricken area, which are 1.33 of 50 kg bags per hectare.

Water Harvesting and Handmade Wells:

With support from CES, the OIKE group has identified appropriate water harvesting techniques (e.g., micro-catchments for dryland's agriculture) and is visiting local sites to learn and exchange ideas on water harvesting for collective community use. In addition, the installation of hand pumps on existing traditional wells is taking place in the Onkaankaa village and surrounding areas. Currently, thirty households and four primary schools in Onkaankaa, Onkani, Ongungulumwe, and Uvuudhiya are participating in a water-harvesting pilot initiative to demonstrate water-harvesting techniques in community institutions. The water collected is used to irrigate small gardens and provide food and drinking water. The participating schools were issued tanks to store water for school and community use.

Good Practices for Climate Change Adaptation:

OIKE community members are mobilizing into **Self Help Groups** to build awareness on good practices to cope with the stresses of climate change adaptation. For **water security**, flood and rainwater harvesting for irrigated agriculture and livestock, and fish farming are promoted. For **food security**, use of harvested storm water and direct rain is promoted for sustainable agricultural practices and methods to combat land degradation. Improved dry land crop production through soil improvement/conservation strategies such as composting, bio char, crop rotation and conservation agriculture is also promoted. New **agricultural practices** are being introduced, using new flood and drought resistant staple and other crops, that boost human nutrition and increase fodder security for livestock, chicken, and fish, and safeguard sector related incomes.

Linkages between Climate Change Mitigation and Adaptation Measures:

The introduction of energy efficient stoves is under trial. The purpose of this initiative is to explore the willingness of individuals and communities to adapt to new technologies that also mitigate climate change. The adoption of the fabricated stoves represents not only a change in technology used but also to the established cooking styles.

Building Momentum for CBA: Next Steps

- ▶ Contribute lessons learned and practices to national community adaptation processes for replication at national levels
- ▶ Document contributions of volunteerism in project and establish a "Community Volunteer Task Force" for continued monitoring and evaluation
- ▶ Plan national stakeholder workshop to discuss integration of project lessons into national processes
- ▶ Enhance visibility of project achievements through "Community Field Days"
- ▶ Document at least two case studies from the community projects
- ▶ Engage parliamentarians and policy-makers in efforts to mainstream CBA lessons

Status of Budget in Namibia as at June 2010

Japan Trust Fund	Grants (US\$)	Non-Grants (US\$)	Totals (US\$)
Total Funds	103,185	69,886	173,071
Total Expenditure	98,503	5,413	103,916
Non-Expended (encumbered for 2010 activities)	4,682	64,473	69,155
Fund Delivery Rate			60%

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