

Project Symbol FSD Project	Urban and Peri Urban Horticulture under the French Embassy Social Fund for Development		Reporting period: August-September 2011
All The beneficiaries  Windhoek, Rehoboth, Okahandja	Community Activity: >>	Horticulture gardening	Budget N\$ 250 000

### **A. Progress and Outputs**

#### **1) Summary for the immediate objectives**

-To contribute to food security and income generating activities in the poor, peri-urban areas of Windhoek, Rehoboth and Okahandja.

*Two crucial challenges for Namibia development:*

- Improve nutrition to vulnerable communities living in urban areas.

-To build the capacity of community members in Urban Horticulture and Entrepreneurship.

#### **2) Summary of the community activities completed in the reporting period:**

Site Surveys for all the sites involved (10 sites).

Identification of the community needs (seed, vegi-tunnels, training and champions).

Repairing of the old vegitunnels (Hope Village, Samaritans, Elcin, Rheinisch, Four Square, Ephesians and Hakahana).

Installation of new VegiTunnels (Rheinisch, Samaritan, Hope Village, Four Square and Ephesians).

Filling the plastic bags with a sand substrate (Hakahana, Hope Village, Four Square, Samaritan, Elcin, Rheinisch and Ephesians).

Direct planting of vegetables in plastic bags.

Seedling production.

Installation of small water tanks (1000 litres) Hope Village and Hakahana.

Preparation of the Nutritive solutions.

Basic Training (*How to select a good cultivars, how to prepare a planting calendar, how to harvest vegetables, how to identify a pests, how to treat a pest without using chemicals*).

Semi-Formal Training at the Okahandja Training Centre for champions and administrators.

### **3) Description of progress towards achievement of the community activity in this reporting period**

**3.1** Of the original 10 sites 7 are partaking actively. One in Rehoboth is still battling to find land, one in Windhoek is busy with building and construction and one needs to be installed from scratch.

The sites making good progress are Samaritans (Okj), ELCIN (Okj), Hakahana (Whk), Hope Village (Whk) and Rheinisch (Rhb).

An estimated 50 gardeners were trained to various levels of basic horticulture. A higher level training session is planned for champions (high level gardeners) and project administrators in Okahandja to come closer to self-sustainability.

Hakahana and Hope Village are selling parts of their harvest for project income.

Bank Windhoek became interested in the Hope Village project and sponsored a fence around the tunnel area to keep the young ones isolated and out of trouble.

Mr Wilfried Baudoin, a senior official from the FAO in Rome made a visit to Hope Village and Hakahana after he became aware of these projects from the "Urban and Peri-Urban Horticulture Namibia" Web site. He was pleased with the results and will include these projects in his reports published by the FAO.

The team is working on the repair and installation of tunnels according to a pre-planned schedule.

#### **Windhoek**

##### **3.2 Hope Village**

4 VegiTunnels are producing different vegetables (Swiss Chard, Carrot, Beetroot, Lettuce, Spring Onion and Kale).

##### **3.3 Hakahana Centre**

2 VegiTunnels are producing different vegetables (Swiss Chard, Carrot, Beetroot, Lettuce).

##### **3.4 Four Square centre**

2 VegiTunnels that are not producing yet.

**Okahandja**

**3.5 Samaritan Centre**

3 VegiTunnels are producing different vegetables (Swiss Chard, Carrot, Beetroot, Lettuce and Spring Onion).

**3.6 Elcin Centre**

1 Large VegiTunnel which is producing different vegetables (Swiss Chard, Carrot, Beetroot).

**3.7 Iileni Tilukwafeni**

This site has a netted horticulture project in operation already. These gardeners will be helped with training in seedling production, transplanting, organic cultivation and pest control.

**Rehoboth**

**3.13 Rheinisch Centre**

3 VegiTunnels are producing different vegetables (Swiss Chard, Beetroot, Lettuce, Spring Onion).

**B. Input List** (National, International and Professional Staff assigned to the Project during the reporting period)

**1) National staff**

Albie Oelofse based in Windhoek. Administrator.

Johnny Briedenhann based in Windhoek. Technician.

**2) International staff**

Albert Fosso based in Windhoek.

**C. Inputs:** List the community activity inputs for the reporting period

**1) Materials, equipment and tools procured and received:**

Seed  
Sowing medium  
Plastic bags  
Water tanks (1000 litres)  
Water stands  
VegiTunnels  
Pipes  
Wire  
Metal pegs, straight and curved

**2) Training activities, ie. Field days, and local workshops.**

**Hakahana Centre**

1. Andreas Kaita
2. Frieda Ngwena
3. Pastor Nive
4. Anna Petrus
5. Ferdiana Shangelao
6. Paulus Sakeus
7. Man Lydia Shanyengange

**Samaritan Centre**

1. Sakaria Kakunde
2. Nakanene Henock
3. William Kangombe
4. Rony Hoaseb
5. Conrad Bororo
6. Conrad Naobeb Lea

**Hope Village Centre**

1. Rebakka Tjerivanga
2. Selma Doeses
3. Rainehilde Shikulo
4. Loide Ashipala
5. Maria Lukas
6. Emilia Haimbondi
7. Lusa Nakanyala
8. Kakanauje Tjiho
9. Emmanuel Muyomba Sangwa
10. Theophilus Ndaluka

**Rheinisch Centre Rehoboth**

1. Mano Heiman
2. Waldo Feris

3. Kato van Wyk
4. Hugo van Wyk
5. Francis van Wyk
6. Elton van Wyk

**ELCIN Okahandia**

1. Justina Shilongo
2. Teopolina Hango
3. Telagia
4. Kaino Auulo
5. Cecilia Lesias
6. Paulus Abraham

***D. Problems encountered and actions taken or requested to resolve them***

1) Scheduled watering sessions. VegiTunnels are classified a level 2 operation by the Urban and Peri Urban Horticulture consultancy. This means that nutritive water should be applied at very specific times, continuously to the substrates. One of the problems for communities is to adhere to these schedules.

2) The introduction of the new horticulture culture. Planting schedules, summer and winter crops, weeding, pest monitoring etc. are new and strange concepts which will take time to get used to.

***E. Work plan and expected outputs for the next reporting period***

The emphasis will be on training and the exposure of project champions. Most of the tunnels are planted and beautifully green. The focus will be to maintain and improve the crop growing.

***F. Any other pertinent information***

11/09/2011 A visit by a senior officer of FAO Headquarters and part of the Horticulture Crops Group, Mr. Wilfried Baudoin.

He made some recommendations:

- To use water stands of 1.5m height to drip the nutrient solution directly in the plastic bags.
- To mix the sand with Zeolite if possible, to improve the water retention in the plastics bags.
- To prepare records of the production activity data for the Hortivar FAO database.

**MONITORING REPORT:** by Horticulture Specialist

Reporting Officer	
Name: Albert Fosso	Date:12/09/2011
Title: Horticulture Specialist	Signature: 