

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 the Namibian 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, veggie tunnels, training and champions).

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

Installation of new Vegie Tunnels (Rhenish, Samaritans, Hope Village).

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

Direct planting of vegetables in plastic bags.

Seedling production.

Installation of small water tanks (2 x 1000 litres) at Hope Village.

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.

Managing the existing sites to become self-sustainable.

### **3) Description of progress towards achievement of the community activity in this reporting period** (To see to project progress please [click here](#))

**3.1** Of the original 9 sites 6 were 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 that were making good progress are Samaritans (Okj), ELCIN (Okj), Hakahana (Whk), Hope Village (Whk) and Rhenish (Rhb).

An estimated 54 gardeners were trained to various levels of basic horticulture. A higher level training was completed for champions (high level gardeners) and project administrators in Okahandja in project management, self-sustainability and entrepreneurship. To see more [click here](#). Successful students received certificates. To see more [click here](#).

Rhenish, Hakahana and Hope Village are selling part of their harvests for project income.

Bank Windhoek became interested in the Hope Village project and sponsored a fence around the veggie tunnel area to keep the small children away from the crops.

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 Peri-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 ambassador of France, who is the main sponsor to this FSD project, visited the Hope Village site to assert himself with progress. To see more [click here](#). He was pleased with the results and issued a letter of recommendation. To see more [click here](#).

The team has since been 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, and Lettuce).

#### **Okahandja**

### **3.4 Samaritan Centre** (please [click here](#))

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

### **3.5 Elcin Centre** (please [click here](#))

1 Large Veggie Tunnel which is producing different vegetables (Swiss Chard, Carrot and Beetroot).

### **3.6 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**

### **3.7 Rhenish Centre** (please [click here](#))

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

### **3.8 Rhenish AIDS Project** (please [click here](#))

2 Large Tunnels are in the process of being planted to produce Swiss Chard, Beetroot, Carrots, Lettuce and 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

**3) Official Training at the Okahandja Training Facility:** (21 till 22/10/2011)

E Muyumba	Hope Village, Windhoek
T Ndaluka	Hope Village, Windhoek
S Doëses	Hope Village, Windhoek
R Tjerivanga	Hope Village, Windhoek
C Naobeb	Samaritans, Okahandja
NN Lumona	Hakahana, Windhoek
M Veldskoendraer	Samaritans, Okahandja
R Haoseb	Samaritans, Okahandja
A Kaita	Hakahana, Windhoek
F Ngwena	Hakahana, Windhoek
AG Johr	Rheinisch, Rehoboth
JM Heyman	Rheinisch, Rehoboth
M Hangula	ELCIN, Okahandja
M Lisias	ELCIN, Okahandja
B van Wyk	Rheinisch, Rehoboth
EK Cloete	Rheinisch, Rehoboth

The students above completed their training successfully.

To see more [click here](#).

They also received a certificate each, signed by the embassy of France.

To see more [click here](#).

To see more about the FSD Project Phase 1 in general [click here](#).

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

1) Scheduled watering sessions. Veggie Tunnels 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 and continuously to the substrates. One of the problems to communities is to adhere to these schedules.

2) The introduction of a 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.

3) Experience with this project has shown that the community members have misjudged the level of gardening associated with veggie tunnels. They need more time, training and assistance with the practical gardening to master issues such as a) identifying pest b) planting programs c) crop types d) seasonal crops e) harvesting and f) marketing. It is our belief that the recognised champions and administrators in general, need more time and assistance until the horticulture culture is firmly established. Once the core of champions and administrators are established they will become trainers of communities as well, helping the new peri-urban horticulture concept to expand to the benefit of all.

#### ***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. As this project has closed financially, the focus will also be on self-sustainability and entrepreneurship.

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

11/09/2011 We received 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 plastic bags.
- To prepare records of the production activity as data for the FAO Hortivar database.

The ambassador of France visited the Hope Village site as part of the project closing down procedure. He and his team were satisfied with the outcomes and the financial management of the project. To see the preliminary financials please [click here](#).

The FSD project was a success for the Judea Harvest and UHPH partnership and

has caused a lot of interest in this technique of urban and peri-urban horticulture. Future funding will be pursued in order to carry on with the positive outcomes of the FSD phase 1.

The estimated number of beneficiaries as at 17/03/2012 are:

Project Site	Adults	Children	Total
Samaritans Okahandja	11	56	67
Elcin Okahandja	11	37	48
Hakahana Windhoek	14	68	82
Hope Village Windhoek	46	267	313
Rhenish Rehoboth	65	111	176
Ephesians Windhoek	13	21	34
Rhenish AIDS Rehoboth (started shortly)	16	198	214

*All of the site projects above are part of feeding schemes for elderly people and vulnerable children, most who have HIV/AIDS. UHPH will embark on a future project whereby the parents of vulnerable children who benefit from these schemes are taught how to do 'table gardening'. Table gardening is a mini version of veggie tunnel gardening.*

Reporting Officer	
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