

# ICOD Action Network Lyantonde Fruit Tree Project

Implementing Agency: [ICOD Action Network](#)



Amount: [\\$31974](#)

Duration: [1 Year](#)

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## **1.0 Introduction**

**ICOD Action Network**, founded in 2008, is a Uganda based grass-roots organization established to respond to the community most challenges like HI/AIDS, high unemployment, insufficient health care facilities, poor sanitation and famine. Our work in Uganda extends beyond material support and touches upon the need to empower communities so that they can be able to sustain themselves. Since 2008, ICOD Action Network has worked in partnership with local community-based organization and foreign organizations.

## **2.0 What we have accomplished**

ICOD targets marginalized households of vulnerable children, youth, orphans, women and HIV/AIDS affected and infected people and supports them by extending health services, constructing houses, constructing pit latrines, constructing safe water tanks, providing material support, providing food aid during famine, agriculture training, and providing HIV/AIDS training and counseling to groups at high- risk of HIV/AIDS infection. The organization recently launched an ICT information sharing project targeting rural farmer's groups. Over 5000 rural farmers have benefited from our agriculture projects and over 300 HIV infected and affected people have benefited from our HIV/AIDS projects in the past 3 years.

## **3.0 Community Background**

Lyantonde is located in southwestern Uganda. In 2002 national population census, the population of Lyantonde District was estimated at about 66,000 with an annual population growth rate of 1.9%. It is estimated that in 2010, the population of Lyantonde District was approximately 76,700. The local economy is primarily agricultural. Subsistence cultivation is the principal means of livelihood for over 70% of Lyantonde's population. Food insecurity is a major periodical threat. Every three years, the area experiences prolonged dry spell resulting into famine, which exacerbates the AIDS problem.

Increasing deforestation due to overgrazing, cutting of trees for fuel and clearing forests for more agricultural land is already evident. This has significantly affected agricultural productivity. The amount of rainfall received in this area has drastically reduced owing to overgrazing and deforestation in a bid to acquire more agricultural land.

Poverty is endemic in Lyantonde district; over 82% of the households are estimated to survive below the Uganda's subsistence level of Ugshs.5000 (USD \$3.00) per week. The community has to strive hard to find a source of livelihood and survival. With lack of adequate income, it is increasingly harder for vulnerable households to access food, medical care and other basic necessities of life.

Many of the problems associated with poverty, such as food insecurity, ill health and poor nutrition have been exacerbated by the HIV/AIDS epidemic.

#### **4.0 Why support our Fruit Trees project in Lyantonde, Uganda?**

Uganda's economy is predominantly agrarian; 81% of the employed labor force, and 31% of export earnings are derived from the agricultural sector. Nationwide, 72% of all employed women and 90% of all rural women work in agriculture. In Lyantonde women make up the majority of the agriculture workforce.

Growing fruit trees provides social, environmental, and possible economic benefits. From a social perspective, growing fruit directly in communities where it is consumed provides residents with immediate access to healthy food and can improve food security in poor communities.

Additionally, people may gain a stronger sense of connection to the food they consume if they know how it was grown and where it came from.

From an environmental perspective, locally grown produce has the potential to reduce air and water pollution related to conventional food production and transportation.

#### **5.0 Project Proposal Details**

##### **5.1 Goal**

The goal is to establish fruit forests in local communities so as to promote self-sufficient food production and a local economy based on the sustainable management of the environment.

##### **6.1 Establishment of fruit tree nurseries**

The project will establish 6 community fruit tree nurseries. The community members shall work on the nurseries, provide land and ensure day-to-day maintenance of the nurseries for the benefit of all.

##### **6.2 Train communities in Bio-dynamics and Organic ways of food production.**

Farmers will be trained in Bio-dynamics and Organic ways of food production to enhance the understanding of their role in sustainable food systems and the importance of food security, growing and eating healthy food, and establishing social relations through food production activities.

##### **6.3 Train communities in environmental conservation.**

This component shall involve;

- Establishment of tree nurseries. The aim of the nursery projects is to train community groups to take over the process of reforestation and conservation of their land and grow trees that shall be distributed to the community at no cost.
- Building Fuel-Efficient Stoves. Approximately 99 percent of the Lyantonde population uses wood as fuel for cooking and heating. The traditional open

fires used for cooking activities are inefficient in that they waste a great deal of calorific energy and require a large quantity of wood. In addition to contributing to the daily destruction of local forests, the fires constantly emit noxious smoke within the houses, causing severe health effects for the families. The project shall include training of communities in building fuel-saving stoves to save forests.

### **7.0 Community Contribution**

The community will contribute 50% of the labor that shall work on project. This shall increase the community's attachment to the project, lead to exchange of skills between the community and our staff and ensure the project's sustainability since the community shall be attached to it.

### **8.0 Expected results**

#### ***(i) Economic potential***

The project shall impact income generation and enterprise development since fruit / agricultural production is expected to increase in the long run

#### ***(ii) Food security and nutritional potential***

There shall be improvement of the general nutrition and food self sufficiency of various social groups, and empower poorer sectors to feed themselves.

#### ***(iii) Environmental enhancement potential***

Locally grown produce has the potential to reduce air and water pollution related to conventional food production and transportation. Trees also reduce temperatures by shading surfaces, dissipating heat through evaporation, and controlling air movement.

### **9.0 Measuring expected Results:**

The project success shall be measured by output and by outcome. The output is an established fruit forest. The outcome shall be proved through:

- Adoption and application of permaculture design principles by the community
- Surveying public perceptions of fruit forest systems
- Measuring environment conservation Vs degradation after the project has taken root in the community.

We will partner with other organizations, students, private companies, local schools, and others to educate the community on the importance of trees and the protocol of achieving it.

### **10.0 Monitoring and Evaluation**

The impact of the project's programs and how they translate into changing concepts about fruit trees, environment and food patterns cannot easily be assessed in the short term. However, initial success of the program shall be evaluated by considering the number of trees grown and surviving after one year, and the economic viability of the established fruit trees. Low-income groups becoming active in promoting community fruit tree farming in their own communities will also serve as an impact indicator.

### **11.0 Sustainability**

The project will cultivate different productive fruit trees which will generate income for the participating local community. At the household level, different fruit trees shall also provide food for the families.

### **12.0 Proposed Budget for a period of 1 year**

<b>Item</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Amount</b>
<b>Buying trees</b>	50000 trees	\$ 0.57	\$ 28500
<b>Establishing community nurseries</b>	6	\$179	\$ 1074
<b>Administration for 1 year</b>	Lumpsum	Lumpsum	\$ 2400
<b>GRAND TOTAL</b>			<b>\$31974</b>