

Omukababaare Heifer plus Future vision project

Project summary:

Name	Omukabaare Heifer plus project (OHP)
Project site	Omukabaare village, Isingiro District , Uganda.
Duration	Two years – 2011 to 2012
Project cost	US\$107,400
Deliverables	<ol style="list-style-type: none"> 1. The heifer will produce milk for improved nutrition of the family and the surplus for sale to generate income. 2. The heifer will produce cow dung and urine for feeding the biogas digester and production of charcoal balls 3. The biogas digester will produce biogas for lighting and cooking 4. The byproduct of biogas slurry will be used to fertilize vegetable, nursery and cow feed gardens 5. The vegetables will supplement feedings and the surplus will be sold 6. The nursery products will be used to promote the growing of trees, fruits and plants in the village and the surplus used as a source of income. 7. Water, biogas, improved nutrition, income will improve sanitation, reduce time wastage in fetching of water and collection of firewood respectively and general improve the household health
Direct beneficiaries	22 women*8 members of their household =176 persons
Projected beneficiaries (5 yrs)	22 women*8 members*5 years =880/1/2 chance of female calf = 440 persons.
Sponsoring club	Rotary club of Kololo, District 9200
Partners	RC of Mbarara East (D9200),
	RC Carmel (D6560)
	Upper Montgomery County (D7620)
	Capitol hill (D7620)
	Washington DC (D7620)

Background:

Omukabaale Bakyara Twetungure Group Reg. 0104 was founded in November 2007 with an aim of facilitating economic empowerment of women to realize and harness their potential to contribute to sustainable gender responsive development. The Organization targets to serve rural poor women of the low socio economic status in Omukabaare Local Council 1, Nyarubungo Parish, Masha Sub County Isingiro District. The group Vision is to eradicate poverty and enable women have a sustainable future on their own.

2.0 Problem statement

Omukabaale village is in the dry region of Uganda making it predominately suitable for animal rearing. The women although interested in working hard, they are limited by startup capital and options that fit in the area characteristics. Firewood is a big challenge for the area as there are hardly any hard or soft wood plants that are growing. Water is also a challenging factor. Even when the national water line is on the main road, adjacent to the village nearly all the homes have not exploited this because of cash limitations.

3.0 Project objectives

The project will promote entrepreneurship, good nutrition and good quality of life through provision of a heifer, cow shed, water infrastructure, biogas infrastructure and supporting vegetable and nursery growing. The beneficiaries will also visit an integrated farm to get acquainted with the zero grazing, vegetable growing, nursery management, biogas and charcoal balls production. The project will achieve the following objectives:

1. Provision of water to the families of the women
2. Provision of income generating activities (milk, vegetables and nursery)
3. Improved quality of health through improved nutrition - milk, vegetables and energy source (biogas) – biogas for lighting and cooking and income from sales (milk and vegetables)

4.0 Project deliverables:

Intended beneficiaries: The project will benefit twenty two members of Omukabaare Bakyara Twetungure (OBT) and their families estimated at an average size of 8. It is assumed that at least 11 Passovers will be done each year for the next five years. First by the direct initial beneficiaries and next by those who receive the pass over.

How the project will benefit the community in need:

1. The project will be owned by the women who are community members.
2. The project will showcase and motivate income generation
3. The nursery products will help beautify the environment of the community
4. The biogas for lighting and cooking will promote a clean environment in the community

Specifically the following deliverables are expected:

1. The heifer will produce milk for improved nutrition of the family and the surplus for sale to generate income. Each heifer is expected to produce at least 12 litres of milk daily for seven month in a year. Two litres will be feed to the calf and 5 litres will be fed to the family and at least five of these litres will be sold to the dairy in Mbarara and fetch an income of 2500/= (US\$2per day). This will earn the household at least US\$60 per month for the seven months. Thus generating an annual income of US\$420 a year.

2. The heifer will produce cow dung and urine for feeding the biogas digester and production of charcoal balls.
3. The biogas digester will produce biogas for lighting and cooking. The biogas will be tapped for cooking on a two plate stove and lighting at least six biogas bulbs in a home including kitchen. This will serve a number of trees from being cut for firewood, save the time for collecting firewood and eliminate smoke and its effects in the households.
4. The byproduct of biogas slurry will be used to fertilize vegetable, nursery and cow feed gardens. Each household will have assorted vegetable gardens whose growth will be boosted by the slurry.
5. The vegetables will supplement feedings and the surplus will be sold. Household consumption of the vegetables will be encouraged and the surplus will be sold to the town market and hotels. It is estimated that vegetables can grow throughout the year considering the availability of water in the household. Thus a household can afford to sell at minimum vegetables worth 50000/= a month (US\$ 25). Thus generating an income of US\$300 a year.
6. The nursery products will be used to promote the growing of trees, fruits and plants in the village and the surplus used as a source of income. The fruit seedlings will at first be used by the women to plant fruits for their households. The surplus seedlings will be sold to other households and town. Thus a household can afford to sell at minimum seedlings worth 50000/= a month (US\$ 25). Thus generating an income of US\$300 a year.
7. Water, biogas, improved nutrition, income will improve sanitation, reduce time wastage in fetching of water and collection of firewood respectively and general improve the household health. This should serve on the money used for treatment of ailments. The income generated is hoped to help the households improve on the areas of need e.g. education for the children, household items like beddings and also stimulate other income generation activities.

5.0 Finances

5.1 Project budget

Budget item	Name of supplier	Amount US\$
1. INFRASTRUCTURE		
a) Cow shed construction materials (cement, iron sheets, timber, sand, nails, trees) est. US\$1000*22	Local purchase	22000
b) Water connection from National water line (pipes, taps, connections, two year fees) est. US\$500*22	National water and sewerage corporation	11000
c) Materials for water tank of 3000 litres plus water gutters for rain water harvesting and stand est US\$500*22	Local firms	11000
d) Construction of biogas plant, piping, biogas cooker and 6 biogas lights est US\$1000*22	Kenya institute of renewable energy	22000
2. PURCHASE OF HEIFER est US\$1000*22	Heifer international/Keirungi farm	22000

3. STUDY TOUR AND TRAINING		
c) Transport from Mbarara and back, meals, accommodation and facilitation for five days est US\$50*22*5 (zero grazing, vegetable growing, nursery, organic farming, action planning, marketing, record keeping, biogas, charcoal balls production)	Integrated intensive farm	5500
d) Monthly training sessions and routine visits by veterinary officer est US\$50*12*2 years	Veterinary services in Mbarara district	1200
4. MONITORING AND SUPERVISION – at least times a year (transport, meals and accommodation) for 10 club members est US\$100*10*2 years	Local purchase	2000
5. PUBLICITY AND MEDIA – at least every quarter ext. US\$ 100*8	Local media houses (audio, print and TV)	800
6. MARKETTING EQUIPMENT		
a) 20 litre can for milk est US\$100*22	Aluminum shops	2200
b) Bicycle for transporting the milk est US\$50*22	Bicycle shops	1100
c) Vegetable container est US\$ 100*22	Super markets	2200
7. Record books, Drugs and semen est.US\$ 200*22 for two	Book shop and Veterinary drug shops	4400
	Subtotal	
	Exchange rate used	US\$1=2000
	Total in U.S. dollars	107,400

5.2 Project financing

Host Rotary clubs or district inside the project country (The primary host club or district must provide at least US\$100.)	Cash (US\$)	DDF (US\$)
RC club of Kololo	3000	
Mbarara East		
International Rotary clubs or district outside the project country	Cash (US\$)	DDF (US\$)
Carmel	16,800	
Upper Montgomery County	500	
Capitol hill		
Washington DC		
Subtotals, Cash and DDF		
TOTAL cosponsor contributions		
Total funds requested from TRF		
Additional outside funding (not matched by, or forwarded to, TRF)		
Total project financing (must equal budget on page 4)		

5.3 Financial management plan

Most of the costs of the project will be incurred in the first quarter and subsequently financial reporting will be done. The project committee will discuss all the costs and refer to invoices generated by the procurement committee before purchasing. Receipts will be issued for all purchases of goods and services.

Recurrent costs for training, drugs, monitoring and publicity will be accounted for each quarter.

6.0 Project implementation

A needs assessment has been carried out. The results are indicated in the table below

6.1 Needs assessment results

Fax number	+256 485 4 20561
Email address	obutagi@yahoo.com
Group Aim/Goal	Facilitating economic Empowerment of women to realize and harness their potential to contribute to sustainable gender responsive development

Group summary	<p>Omukabaale Bakyara Twetungure Group Reg. 0104 was founded in November 2007 with an aim of facilitating economic empowerment of women to realize and harness their potential to contribute to sustainable gender responsive development</p> <p>Organization targets to serve rural poor women of the low socio economic status in Omukabaare Local Council 1, Nyarubungo Parish, Masha Sub County Isingiro District. The group Vision is to eradicate poverty and enable women have a sustainable future on their own.</p>
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Mission	To end hunger and poverty in families empowering women to engage in productive activities
Vision	To eradicate poverty and enable women have a sustainable future on their own
Philosophy/Slogan	Women together in development
Area of implementation	Omukabaare Local Council 1, Nyarubungo Parish, Masha Sub County, Isingiro County Isingiro District

What are the objectives of the Group	<ul style="list-style-type: none"> - To provide life saving prevention education – Functional Adult literacy - Promotion of food security and nutrition – supporting and sustaining income Generating Activities. - Promotion of environment protection and conservation - To establish a forum through which women can express freely their development views. - Promote education and awareness on gender issues, women and child rights protection issues etc through community sensitizations, music, dance and drama, village campaign talks during communal. - -Monitor and continuously assess the progress of implementation activities
<p>Situation in the community</p> <p>Women needs</p>	<p>In Isingiro district where Omukabaare is found, the literacy rate for women is very low compared to men. Lack of exposure and constraining traditional beliefs cultures that press the boy child priority in education affects the district and nationwide. The girl child is left to be married off at a tender age missing family socialization. Women are left with limited access to economic resources yet they invest more in family's health and development.</p> <p>Customarily in Uganda, our cultures have put the responsibility of family care to women therefore need to be supported in their development ideas to fight hunger and poverty that is affecting most households in Omukabaare Village, the Sub-county and the nation at length.</p> <p>Children malnourished because of lack of balanced diet and other necessary care due to poverty.</p> <p>Women need to be supported in rain water harvesting given the nature of a dry environment that sometimes leaves all crops dry. A lot of time is spent by women moving long distances to draw water from dams. Rain water if harvested would also help in providing safe and clean water to families, time saved would be used to do other activities and the water can also be used for irrigating crops during the dry season.</p> <p>There is little land for grazing in Omukabaale. Provision of a heifer for each member family would help in providing milk to families so that children can have a nutrition supplement. It can be a source of income, employment for women and provision of manure from cowdung.</p>

	<p>The cow dung can also be used for bio gas production and this form of energy is environmental friendly.</p> <p>There is also need to provide seedlings of trees to women so that they can participate more in improving the nature of the environment by planting trees and other crops.</p> <p>It is important to note that all the above efforts once put in place call for training women and equip them with skills to manage the facilities and use them effectively for example caring for heifer.</p>
Major accomplishments group	<ul style="list-style-type: none"> - Formation of women farmers group - Registration with Masha Sub County National Agricultural advisory services (NAADS) and participation in agricultural and animal Husbandry activities. -Promotion of food security and nutrition- initiating and sustaining IGA of vegetable growing (cabbages, green, dodo, spinach, green paper, sukuma wick) Fruit growing (Passion fruit, ovacado, pawpaw), poultry keeping (local chicken), piggery projects. These IGPs have been started. -Functional micro finance basic projects- savings and credit schemes, monthly box saving, Nigina-revolving monthly contribution of household essentials (mats, cups, plates, baskets etc).
How the group funds its activities	<ul style="list-style-type: none"> -Well wishers/Friends -Community Contribution (in kind) -Founder members contributions -
Intended output/results	<ul style="list-style-type: none"> - Reduction in illiteracy levels -Increased Household Incomes – creation of saving culture -Improved Food security and Nutrition -Promotion of economic empowerment and independence -Accelerated ability for women to participate and take part in decision making that affects their community.

	-Reduced cases of domestic violence, child abuse and harassment (Women and children rights promotion and advocacy) -Improvement/protection of natural environment -Improved skills in modern farming technology (Vegetable crop/ fruit growing and livestock farming. -Improved family health hygiene -Creation of harmony and cooperation in families
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6.2 The following work plan will be followed:

Activity	2011				2012			
	1	2	3	4	1	2	3	4
MOU between clubs and OBT	x							
Status survey	x							
Procurement and building infrastructure	x							
Orientation of women	x							
Monthly in village training, monitoring and supervision		x	x	x	x	x	x	x
Launching of heifer	x							
Launching of biogas (for cooking and lighting), charcoal balls, vegetable gardens and nursery)		x						
Quarterly monitoring by Rotary clubs	x	x	x	x	x	x	x	x
Passover			x	x	x	x	x	x
Impact study								x
Closing and final report								x

When the project is approved a memorandum of understanding will be signed by the participating clubs and the beneficiaries. This will stress commitment to achieving deliverables and passing over to other women. It will also indicate the research and reporting at each stage and openness to media and other interested persons.

Using quotations for the different goods as indicated in the budget these will be purchased preferably using cheques to the direct provider where possible.

Construction will ensure in the first month.

After the status survey quotations for the different, all project inputs will be put in place. There will be monthly training, monitoring, and supervision by the agriculturist and quarterly monitoring by the participating clubs.

The different components of the project will be launched as indicated in the work plan and towards closing an impact study will be carried out that will guide the completion report.

6.3 Roles of partners:

The host club and the closest club – Mbarara East will carry out the following activities:

1. Maintain communication for the life of the project

- Establish a committee of at least three Rotarians to oversee the project
- Maintain clear and accurate accounting
- Managing project funds
- Visiting the project site on an as-needed basis (at least every quarter)
- Sharing information via correspondence with the international and host partners
- Purchasing, distributing items purchased
- Publicizing the project to local media and the district
- Part funding

Specific activities of the international partners

- The partners sharing expertise
- Visit when possible at least during one of the launches
- Part funding

Specific activities for OBT

- Provision of labor and materials where available
- Implementation of the project
- Daily recording of the project data
- Participation all project activities
- Passing over of the heifer and knowledge to other women
- Participation in the impact research
- Commitment to household total improvement

7.0 Project monitoring, supervision and evaluation plan

At the inception of the project a household status survey will be conducted to establish a basis for measuring impact. This will be guided by the questions in the household status survey for each household.

Each woman beneficiary will be given a record book for this project. The records will be accessible to the Participating clubs, educational supervisor and women chairperson. Each month a report will be generated by the chairperson on the women in collaboration with the project agricultural education supervisor about the status of the project. This will be guided by the monthly reporting format.

Quarterly representatives of participating clubs will visit the project to verify the reports, observe and document the status. A report will be generated and circulated to all participating partners.

At the end of one year participating Rotary clubs will evaluate the project with reference to the initial status. In the second year the clubs will continue to monitor the Passover and the status of the original beneficiaries. At the end of the second year the project will be closed

Status Survey of household of Omukabaare bakyara twetungure (OBT)

Name of member

Number, age, sex, education of household members

Name	Age	Sex	Education level
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			

1. Monthly family income and source
2. Basic family menu (breakfast, lunch, dinner)
3. Source of firewood, cost, distance to source and time taken daily to collect firewood.
4. Source of water, cost, distance to source, time taken to fetch water and description of quality.
5. Estimated monthly health costs and causes
6. Common illness and occurrence in a moth
7. Average monthly expenditure budget of the household
8. Household priority needs that cannot be met by the current income and estimated cost.

Monthly report format

1. Number of recipients
2. Number of calves delivered and their sex
3. Number of female calves passed on to other women
4. Milk production for each milking heifer per month of -----

Beneficiary	Milk per month	Milk for the calf	Milk for the household	Milk sold	income

5. Vegetable production for each household for the month of -----

Beneficiary	Vegetable bundles	Vegetable types	Household Bundles consumed	Bundles sold	Income

6. Nursery production for each household for the month of -----

Beneficiary	Seedlings produced	Seedling types	Household seedlings used	Seedlings sold	Income

7. Water consumed and cost
8. Comment on biogas for cooking and lighting and charcoal balls
9. Comment on household general health
10. Household menu
11. Household monthly expenditure budget
12. Household plan for next month

8.0 Sustainability

The project is hoped to last a maximum of two year where it requires Rotary support supervision and thereafter to last a life time to benefit the individuals. The Passovers scheme will be agreed on in the memorandum of understanding. A criteria for subsequent recipient will be drawn among others to include those who can mobilize the basic infrastructure for the project like a cow shed.

The project will provide employment and income to the beneficiaries that should help them scale and sustain the project when the grant funding is over. The sale of products like milk, vegetables and charcoal balls will provide income.

The equipment will be owned by the women, they will be purchased by the local Rotary club.

Details of Partners

District	The Rotary Club of	Contact persons	Contact
9200	Kololo	Gudula Naiga Basaza	grbasaza@yahoo.com 256772460865
		Paul Bogere	pbogere@yahoo.com
		Boaz kanyima	boaz.kanyima@orient-bank.com
		Warren Byabashaija	wbyabas@yahoo.com
	Mbarara East	Kahungu Tibayeita	kahutiba@yahoo.com 256772518098 256702518098
6560	Carmel	Judy Hagan	rl72jf@sbcglobal.net +1 317-446-8778
7620	Upper Montgomery County	Deborah E. Foti	deborahfoti@gmail.com +1 301.256.4618
	Capitol hill	Bryan Shaaf	bryanjschaaf@yahoo.com
		Carl Davis	carl.davisjr.08@gmail.com
	Washington DC	Phillip Bradbury	phillip.bradbury@worldnet.att.net +1 703-519-5286

LIST OF OMUKABAARE BAKYARA TWETUNGURE GROUP (OBUTAGI)

S/N	MEMBERS NAME	TITLE	OCCUPATION
1	Kitakule Joy	Chairperson	Housewife
2	Merab Gensi	Vice Chairperson	House wife
3	Kihembo Florence Matovu	Secretary	Grade V Teacher/Graduate in Development Studies
4	Aisha Igga	Vice Secretary	House wife
5	Grace Monday	Treasurer	Primary teacher
6	Aisha Faruku	Committee member	Housewife
7	Eva Ntwirenabo	Committee member	Housewife
8	Rehema Naqmukwaya	Committee member	Housewife
9	Kabango Annetee	Committee member	Housewife
10	Nazziwa Saad	Committee member	Housewife
11	Singoma Mary	Member/Elder Avisory	House wife
12	Grace Nuwabiine	Member	House wife
13	Nantongo Sauda	Member	House wife
14	Hope Mugisha	Member	House wife
15	Milla Atuhair	Member	House wife
16	Mugyenyi Anita	Member	House wife
17	Tumutegyerize Gladys	member	Housewife
18	Kakuru Aidah	member	Housewife
19	Betty Sabiti	member	Housewife
20	Fatuma Nsamba	member	Housewife
21	Nangooba Sauda	member	Housewife
22	Nantongo Kuppa	member	Housewife

Pictures of the homes of the OBT members



The Omukabaare village water connection map

