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### 1:0 INTRODUCTION

## 1:1 BUVAD background

Butakoola Village Association for Development (BUVAD) is a not for profit organization Reg No: S.5914/8930, which started its Non profit activities way back in 2000, got registered under the Gender and Culture Department of Kayunga District in Uganda (E.A) as a Community Based Organization (CBO) operational in Kayunga Sub County in 2006 and was approved by the NGO board of Uganda as a Non Governmental Organization operational in Kayunga District, in May 2011.

BUVAD is an indigenous founded organization, which with a humble beginning started its work, with initiative from concerned born-children of the area. On realizing the challenges that their community always faced, these born-children undertook numerous sensitizations by the central government and were prompted to set up a non profit organization through which they would be able to collectively address the identified community challenges for a better life.

BUVAD has a **vision** of realizing an improved standard of living for the people of Kayunga District and Uganda as a whole.

Our **mission** is to promote human values for the people of Kayunga such that they may realize their full potential towards development for a sustainable living.

BUVAD's current schedule of programs include;

- Improvement of the educational status of the people in the focal areas.
- Promoting the set up of income generating activities
- Improving the health services in the focal areas
- Women and child rights advocacy
- Establishing alternative sources of power (Solar, Biogas, and Thermal)
- Support and care for the Orphaned – Vulnerable Youths and Children
- Water and Sanitation
- Women Micro Loan Programme
- Commercial agriculture
- Networking and partnership with related agencies
- Sunflower growing for cooking oil extraction
- Climate Change Issues awareness enhancement and remedial initiatives.

Kayunga District has a total population of 294,613 people, of which 143,099 are male and 151,514 are female. 274,629 (93.3%) people of the District population dwell in rural areas. (2002 population census) Kayunga Sub County has a population of 35,950 people, which represents 12.2% of the District.

Currently the sex ratio is 95 males to 100 females and the population density is 213 persons per sq km.

Kayunga District has a cultural diversity of more than 52 tribes, some of which are immigrants from the neighboring countries like Rwanda, Burundi, Congo, Somalia, Kenya, Sudan, Tanzania and as far away as India.

The life lead by the people in this area and Kayunga District as a whole is quite unacceptable with limited or no access to the basic necessities of life like; safe water, food, shelter, clothing, beddings and medical services.

## 2:0 EXECUTIVE DIRECTOR'S MESSAGE:

Dear Partners in development;

I wish to congratulate you all, over the accomplishments in the ended year 2015. You are great pillars in our work and looking forward to your continued support in 2016.

In the ended year BUVAD has continued with its main ambition to uphold the set Millennium Development Goals. As we continue to pursue this noble cause more and more challenges emerge that in due course prompt slight alterations of our laid down project objectives, though prudently in order to address humanitarian concerns within our focal communities. With this concerted effort, BUVAD has found itself emerging among the lead small but result oriented non-profits, doing commendable work for humanitarian causes in our focal areas of Kayunga District.

In the year 2015, BUVAD also managed to set up 1 more bore hole well at Bwetyaaba Village, trained the beneficiary communities in sanitation and hygiene, conducted stage 2 of an impact and evaluation survey of its Rural Safe Water Supply Project (RSWSP) in Kayunga District. BUVAD has continued with its membership Uganda Water And Sanitation Network (UWASNET), The Global Water Partnership and the Kayunga District Water and Sanitation Coordination Committee as a full member. By far, BUVAD has set up 9 hand dug water wells in Kayunga Sub County of Kayunga District. Its our target that in the next five years we will have set up another 63 water wells in 4 other sub counties of the District.

BUVAD by far has secured sponsorship for 9 orphaned and vulnerable girl children back to school through which they are being supported till they complete studies as professionals. Its our mission to sponsor a bigger number than this and we call upon willing sponsors to contact us for child profiles.

BUVAD through the community sunflower growing for cooking extraction project is continuing to mobilize the growth of sunflower in Kayunga Sub County. BUVAD intends to scale up its sunflower growing mobilization of adult farmers and schools sunflower growing clubs to the whole District and its neighbour. Volunteers worldwide are welcome to come in and join hands with us.

BUVAD under its Poverty eradication campaign and as a means of improving the income status of women within our focal areas, BUVAD has helped women to set up a development group called " Get Together Women Development Initiative" through which women have been able to access soft micro loans that they have used to advance their small scale projects, alongside periodical meetings organized by them to share knew skills and ideas on how to improve on their projects. Their projects range from retail shops, crafts making, fruits trees growing, sunflower growing, other cash crops and food crops growing for food security, beer brewing and vending, poultry and animals rearing and many others. BUVAD intends to embark on extensive fundraising towards sustainably addressing the furthering of the bottle brick technology for improved waste management, environmental/nature conservation and climate change issues resilience. BUVAD staff has also received capacity building in Monitoring and Evaluation skills funded by Minga Foundation USA. BUVAD donated backpacks, school supplies and 2 more thunder arrestor installations at Bwetyaaba primary school.

Many thanks to all our supporters and donors whom have enabled us to effectively implement our project activities and covering our administrative costs.

Yours faithfully,



Stephen Ssemutumba  
**(Executive Director BUVAD)**

## 3:0 PROJECTS 2015

### 3:1 Water and Sanitation ( Rural Safe Water Supply Project)

BUVAD in the year 2015 with support from Minga Foundation and the Kayunga District Water Office, has been able to set up a hand dug water well (Shallow well) installed with a borehole pump at Bwetyaaba Village in Kayunga Sub County of Kayunga District.



BUVAD has so far set up 9 water wells in Kayunga Sub County, in the

villages of Butakoola, Gaaza and Bwetyaaba.

According to a recent Monitoring and Evaluation (ME) conducted, about 1735 direct beneficiaries in 182 homes and an infant school complex, have so far been saved the challenge of easy access to safe water supply. It is our dream that by the year 2018 we shall have set up 63 more of this kind making a total of 72 highland hand-dug water wells installed with boreholes in underserved regions of Kayunga District.

We also hope to intensify sensitizations in water, sanitation and hygiene (WASH) for improved health standards.

These kinds of water wells are much cheaper as compared to the mechanized borehole system setup and likewise quite maintainable by the community themselves making the program very sustainable.

We have trained user communities and helped them set up water user management committees for each safe water supply source for sustainable management and they are moving on wonderfully well. They have set up a follow up forum, holding quarterly re-unions annually under BUVAD supervision, on water sources functionality and impact through which they share learning experience, share information updates, plan way forwards and hold meetings on a quarterly basis. They have an appointed secretary and are in the process of designing governing by-laws guided by BUVAD , the District and County water office together with the project's stake holders for legal recognition of their significance.

**Project Mechanics:**

Also, BUVAD has trained its Safe Water Supply project hand pump mechanic whom has been fully equipped with a tool box from Work Aid UK. BUVAD hopes to train more hand pump mechanics. The mechanics help with prompt borehole

maintenance support to our project beneficiary communities and shall also beef up our project team during the implementation process in future.

### **Important to note about the WASH Situation!**

In August 2015, BUVAD conducted a Monitoring and Evaluation survey in both its beneficiary areas and sample project target areas in Kayunga District. Through this survey, it was discovered that for the larger area of the yet to be covered area by the BUVAD RSWSP, estimated to be a fraction of 60% of the whole District;

There was an abundant need for set up of a lot more BUVAD type of safe water supply wells, construction of Standard Toilets for households and school complexes, intensive facilitation and campaigning for hand washing with soap and general intensification of Water, Hygiene and Sanitation trainings within both rural ad urban areas of whole of Kayunga District.

In Kayunga nearly 20 people are admitted to the District Hospital per week suffering from water related diseases like; malaria, typhoid, bilharzia or dysentery with at least 4 out of each of these ending up dying per month. In an interview, most respondents in this area mistook all these diseases to be generally Malaria.





*Below is a photo and info about a sample water well called Nalongo water well serving communities near Bwetyaaba and Ntooke villages in Kayunga Sub County.*

This water well is a link to the salty saline Bukolooto – Kayunga swamp stretch, an isolated thick bushy area located far away from the households. The water at this water well is brownish in color. Collection is by stepping in and is being shared by people and animals.

## **3:2 The Climate Change Issues Awareness Enhancement And Remedial Initiatives Project**

### **Innovations to Control Waste Plastics Accumulation:**

BUVAD has come up with an innovative approach to help Ugandans eliminate the environmental hazard of accumulating waste plastic bottles without burning, while using them profitably to harvest rainwater in rural areas, substituting mud bricks that require cutting trees to bake them. Furthering this innovative technology of affordable waste plastic bottle bricks-water harvesting tanks construction and other local innovations;

BUVAD is intending to set up a local-indigenous innovations promotion center with all structures at this center constructed using bottle bricks.

Also, BUVAD is preparing to conduct extensive training workshops on bottle brick water harvesting tanks construction for at least 50 parents at 20 selected community primary schools in Kayunga District of Uganda, followed by creation of trainees' community chains - water tanks construction cooperatives. With BUVAD subsidy the group/s will go constructing for each member.

## **Carbon Reduction/Justification**

BUVAD uses a technology of self-motivating plastic bottle end users towards constructive waste plastic bottle management. BUVAD trains them to re-use waste plastic bottles as bricks in constructing water harvesting tanks. This helps beneficiary communities diver from the waste plastic bottles burning approach that releases toxic fumes, towards total withdraw from the environment while turning them into a utility, minimizing on tree cutting, discouraging burning of trees to bake mud bricks, exercises that have been accumulating carbon emissions. A reduction in waste plastic bottles accumulation will reduce on carbon emissions creating carbon credits.

## **Climate Change Adaptation**

The waste plastics bottle brick technology helps to raise communities' awareness towards the need to enthusiastically reduce on carbon emissions, reduce on waste plastic bottles accumulation, developing more innovative approaches towards climate change resilience.

The project through the conducted training workshops revives community awareness towards the need for re-forestation for an improvement on rainfall reliability, ecological balance and Agriculture.

The project helps the communities get to know other possible causes of the climate changes challenges and think out possible solutions/innovations.

### **Climatic effect(s) Adopted to by The waste plastics bottle brick technology**

The service adopts to the following climatic change effects;

- ❖ High Carbon emissions/pollution
- ❖ Agricultural seasonal imbalances
- ❖ Water scarcity
- ❖ Global warming/Over heating
- ❖ Soil suffocation

### **Project Update:**



Due to luck of

funding our project plans in this section

have not been advanced as since February 2012, when BUVAD hosted a volunteer from Austria called Sven Scholderbok whom with his own fundraising

BUVAD managed to make another success story in the field of Climate Change Issues Awareness Enhancement and Remedial Initiatives project.

We conducted a both theoretical and practical 2weeks' community training workshop leading to the construction of a demonstrational 6000ltr capacity water-harvesting tank. This was constructed using waste plastic PET bottles as bricks at Bwetyaaba Primary School. The water-harvesting tank is being used by a rising number of 700 children at Bwetyaaba Primary School. This was another great breakthrough on the side of BUVAD calls for your support for us to construct more demonstrational water-harvesting tanks at 20 identified primary schools. This innovation has the potential to help the whole country in taming the waste plastic PET bottles accumulation, which has been identified as a big challenge towards soil conservation and blockage of drainage channels in major towns and the City. The innovation going to help in the eradication of waste plastic PET bottles that suffocate the soil to reduce soil fertility from the environment, especially that of the Ugandan Agro-based economy, the waste plastic - bottle brick building has stronger walls than those of the mud brick house hence an immediate substitute to mud bricks, making bottle bricks doesn't require cutting down trees to burn them like it is with mud bricks hence will reduce on the rate of tree cutting.

In Uganda nearly 8,000,000 PET bottles are being produced monthly to pack mineral water that is consumed by many Ugandans as a quick solution to safe

drinking water. Most of these PET bottles end up being littered carelessly, ending up in farmers' gardens, water channels, rivers and lakes.

This as identified above poses a great threat to the environment as has been identified by BUVAD in Kayunga District.



We are planning to continue conducting similar training workshops to Adults, youths and Children of Kayunga District in at 20 more selected schools about constructing a rain water harvesting tank using waste plastic bottles.

However all this will be possible as a result of the joint efforts and donations from partners like you.

By so doing, we shall be able to provide 20 rain water harvesting tanks at 20 schools, self-motivate the workshops beneficiary communities in clearing away the waste plastic bottles from the environment, which were already an environmental hazard in the area suffocating the soil, reducing on soil fertility and crop yields.

Also the rate of tree cutting will be reduced as making bricks out of bottles doesn't require baking / burning like it has been the case with mud bricks.

When tree cutting reduces this will improve on rainfall reliability, environmental conservation and climatic conditions of Kayunga District, Uganda and Africa as a whole.

Also, the blocked channels in Kayunga Town, other Ugandan major towns and Kampala city, which have always caused flooding, shall no longer be blocked by these waste bottles as now they are being turned into a utility other than a hazard.

We also wish to disseminate this technology to the rest of the country.

Each planned training workshop with a 6000ltr capacity tank constructed and installed is estimated at US\$2500. Hence a total of US\$50,000 is needed to implement this project.

I invite you to visit this project at Bwetyaaba Primary School in order to have an opportunity to see this marvelous water tank that was constructed out of Waste plastic PET bottles.

### 3:3 The Sunflower Growing For Cooking Oil Extraction Project

The main goal of this project is to boost farmers' purchasing power so that they can sustainably manage their family challenges without having to wait for donor support. Through this project BUVAD also expects to save some surplus to be able to timely address some of the immediate manageable community challenges and its administrative costs without having to wait for donor support all the time.



The project pilot farmer groups are continuing to grow and harvest a lot of sunflower. A hand presser was donated by friend in Germany and still requires a work table for us to start the sunflower purchase and processing for cooking oil extraction. The plan is that BUVAD would purchase this sunflower at favourable prices much better than that set by the existent entrepreneurs

so that BUVAD would process and sale off the end products at minimal profits for the good of the farmers and sustainability of the project. The big huddle remains with securing a grant to support this project. Though the farmers are continuing to grow, they have been challenged by storage as the rodents (Mice) are attacking the stored harvest seeds and eating them away very fast!





This has put a lot of stress on us as to how to save these farmers from losses and causing a fear of discouragement from a would be success story of poverty mitigation. Many a time the farmers have called reminding us to buy off their produce and this remains a big challenge as we do not have the funding right now to support this project. This is a potentially replicable project once a push forward is attained and would go very much far in mitigating 80% of the challenges encountered in most of our focal areas as the major source of income in most rural areas that make 90% of Kayunga District is Agriculture. Upon this background, it would be our pleasure if some one or an organization came out and volunteered to partner with us or support towards this project in any way possible. We are ready to send a detailed project proposal to further explain this project.

Sunflower is a cash crop which can be mixed cropped with seasonal food crops for food security and is double seasoned with quite handsome money earning products and by-products.

### 3:4 OVC Care And Support Project:

BUVAD with support from girl child sponsors identified by IDC Empowers USA continues to sponsor seven orphaned girl children's education. The main essence of this sponsorship is that each sponsor commits to give full support (School uniform, school supplies, shoes, lunch fees, examination fees etc) and sponsorship to the child until she finalizes as a graduate of a professional course most especially University level. 3 of these girl children have been at Primary School level and 5 are at Secondary School level. One is at University Level. Hopefully more sponsors will come out to join our initiative as more orphaned girl children are crying for this sponsorship. If you are a potential child sponsor and wish to support a girl child please kindly get in touch with us.



BUVAD in 2015 through GBP USA, made a donation of Back Packs and

School supplies for children at Bwetyaaba Primary School as replacements for

those and refurbishment of those donated before. We also donated 2 more thunder arrestor installations to Bwetyaaba primary school.

We wish GBP USA every success in their continued effort to sustainably meet the target of helping out a total of 670 children in this school.

It is our target that we can do this for the rest of Kayunga Sub County for an estimate total of 2500 Orphaned Vulnerable Children in the schools of Kayunga Mixed Primary school, Busaale Primary school, Bubajjwe primary school and Ndeeba Primary school. Upon this background we wish to call upon all those child focused philanthropic organizations and well-wishers to come out and help us support this great cause.

We hope to install thunder arrestors at many more schools in the District as long as funding is available and we call upon sponsors to get in touch with us if they are touched by this need. We are targeting schools since they are among the biggest collection centres for children daily, weekly and annually for longer hours and many times the rains that come along with thunder storms find them at school.

## 3:5 The Get Together Women Development Initiative Coop

BUVAD in 2015 has continued with the Women Micro - loan support towards the women development coop. A women group named "Get Together Women's Development Initiative" was been created with a pioneer number of 13 women beneficiaries. More women members have joined in and received small quite low interest loans that they use to boost their income generating activities like; making mats, baskets, beer brewing and vending, operating small kiosks, retails shops, rearing chicken, rearing pigs, sunflower growing, grafted fruits tree seedlings varieties purchase to grow in their gardens and other cash crops growing.

*Crafts available for sale*



*Women meeting session*



The main goal of this project is to boost the women incomes as the mothers in the houses and key

custodians of homes.

Women have had a chance to export a few of their crafts with sponsorship from IDC Empowers through BUVAD.

*Ugandan Craft money pass*



*Local*

Women have been holding regular meetings together with educational tours to each others' projects, sharing about their projects' performance and how they could be advanced. A proposal on advancement of their projects has been designed for 2014 implementation and their input has been of great significance.

*Women planting tree seedlings of oranges, mangoes, macadamia, etc*



## **3:6 Networking And Partnership With Related Agencies**

BUVAD as one of its strategies to improve on its performance and service delivery has as laid down in its strategic plan, continued to widen its partner and network base.

BUVAD is now a member of the Uganda Water partnership and Global Water Partnership too. We are also members to the Uganda Water and Sanitation Network (UWASNET) as a full member. BUVAD is also a member to the District Water and Sanitation Coordination Committee whose objective is to plan together with all stake holders within the water development department to avoid duplication of resources equally distribute resources and avoid under serving other disadvantaged areas.

In the year 2016 BUVAD on addition to its already existent partners, is open to more both local and international partners. Feel free to join us

BUVAD will continue to link up with partner agencies and will widen its partner base as far as there are those that are willing to join us from around the world.

## **4:0 ACHIEVEMENTS 2015**

1. BUVAD was able to set up 1 hand dug borehole wells under its Rural Community Safe Water Supply Project.
2. BUVAD conducted a monitoring and valuation survey in both its focal areas and sample new project target areas of the Rural Safe Water Supply project.

## **5:0 VOLUNTEERS 2015**

BUVAD is a volunteer run organization and continues to host volunteers and interns from all over the world year round. All those that wish to volunteer are free to contact us year round.

We hosted 3 international volunteers in 2015, Jonas Orollog from Germany, Chen Eropa and Dor from Israel.

BUVAD offers free modest accommodation to its international volunteers at the center. We also provide airport pick up from EBB airport to the center in Kayunga. We have the capacity to host 40 and above volunteers annually. We have experience in handling and providing conducive hospitality for foreign volunteers, well knowing that living in totally new culture is quite not easy. Applicants can seek reference from our past volunteers. Just ask for a past volunteer's contact.

## **6:0 DONORS 2015**

1. Minga Foundation
2. IDC Empowers
3. Global Backpack Project

## **7:0 BUDGET PERFORMANCE 2015**

This year there has continued to be a threatening decline in the budget performance not all our budget plan was attained.

BUVAD continues to write funding proposals for us to be able to implement the projects as planned.

## **8:0 CHALLENGES 2015**

- ❖ Limited and dwindling funding base
- ❖ Lack of an effective means of transport for the organization. We wish to request all donors that are in position to support us with a 7 seater 4WD Station/Estate wagon (diesel/petrol engine) and a Motorcycle to come up and support us in building capacity of BUVAD in this area.



- ❖ Limited NGO intervention in most of our focal area needs focused on by BUVAD causing a stress on the BUVAD resources and overwhelming numbers of beneficiaries.
- ❖ Lack of a self-supporting source of income to meet organization administrative costs.

## **9:0 PROSPECTS      2016**

BUVAD as stipulated in its strategic work plan, will intensify its fundraising campaigns to service its budget.

BUVAD is targeting to set up a self-income generating project depending on how funding may emerge in this new year of 2016 for sustainable funding of our administrative budget.

## 10:0 BUDGET FOR 2016

Our Budget projection for 2016 is as summarized below:

<b>PROJECT/ACTIVITY</b>	<b>US Dollars</b>
Administrative	18,120
Local Innovations Promotion Centre Construction & Set Up	16,000
OVC care and support for 670 OVCs	15,000
12 Safe water wells construction (Kayunga Busaana, Kitimbwa & Kangulumira Sub Counties)	48,000
Community sensitization on climate change issues & bottle-brick rain-water harvesting tanks construction	50,000
Community sensitization on child rights protection	6,314
Community sensitization on water & sanitation (Community trainings and MGT committee meetings)	3,512
Bottle brick Toilet Construction	1,210
Sunflower growing for cooking oil extraction project	37,699
Women Empowerment Project Activities	4,200
Projects Monitoring and Evaluation	3,517
Organization resources (Vehicle)	24,000
Annual Audit	4,000
<b>Total Annual Budget 2016</b>	<b>231,572</b>

Operational budget:	US\$25,637
Organization resources' budget:	US\$40,000
Project Activities 2016:	US\$165,935
<b>Total Annual Budget 2016:</b>	<b>US\$231,572</b>

### **11:0 NEW YEAR'S MESSAGE**

We wish you all a happy new year 2016 and may you all experience prosperity and joy in the year 2016.

Please follow us on facebook at our face book group page

<http://www.facebook.com/groups/buvad2000/> or at our new website:

<http://www.buvad.yolasite.com/>

Always keep in touch!!