



**actalliance**

**EMERGENCY/  
PGM/ALIVE/GZO/LWF/030  
ADJUMANI SANITATION  
AND HYGIENE REPORT -  
2015(ASAH)**





Thank you for your kind contribution which has made our work possible



Humanitarian Aid  
and Civil Protection



**UKaid**  
from the British people

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## At a Glance

In collaboration and with support of **UNICEF**, the Lutheran world federation accomplished the following under the Adjumani sanitation and Hygiene project.

### **EMERGENCY/PGM/ALIVE/GZO/LWF/030**

1. Improved access to clean safe and sufficient quantity of water
  - 6 Borehole drilling in schools and health centers
  - 12 rain water harvesting tanks
  - 3000 Safe drinking water containers
  - 476 Solvatten water containers.
  
2. Improved sanitation at households and institutional level
  - 228 PSN Latrine construction
  - 6 Garbage disposal centres
  - 16 Garbage pits in schools
  - 100 hand washing jerrycans for institutions
  - 100 sets of environmental cleaning kits for institutes
  - 100 trash bins to institutes
  
3. Improved hygiene and sanitation practices in communities
  - 13 schools were trained in menstrual hygiene management (MHM) for selected schools
  - 3000 Distributions and training in sanitary material making.



In support of the great accomplishments, I am honored on the behalf of LWF, to present the 2015 water and sanitation report in Adjumani district. The report epitomizes the miscellaneous safe water interventions to certify that refugee and host communities acquire safe water, ameliorated sanitary surroundings and comfortable learning environment for girls.

LWF together with support from UNICEF have implemented this rewarding Project and we have pulled together several pictorial depictions of interventions done in schools, health centers, markets and police stations in Adjumani these include: safe drinking water systems, boreholes, water harvesting systems, extension of water pipelines, establishing solid waste collection centers and construction of garbage disposal points. All this was done to ensure that the refugees and host communities live healthier and more sustainable lives.

The report shows the 12 water harvesting water tanks, 6 Boreholes that were drilled, waste collection centers, and the different items that were distributed in different schools like the cleaning kits, safe drinking water containers among others.

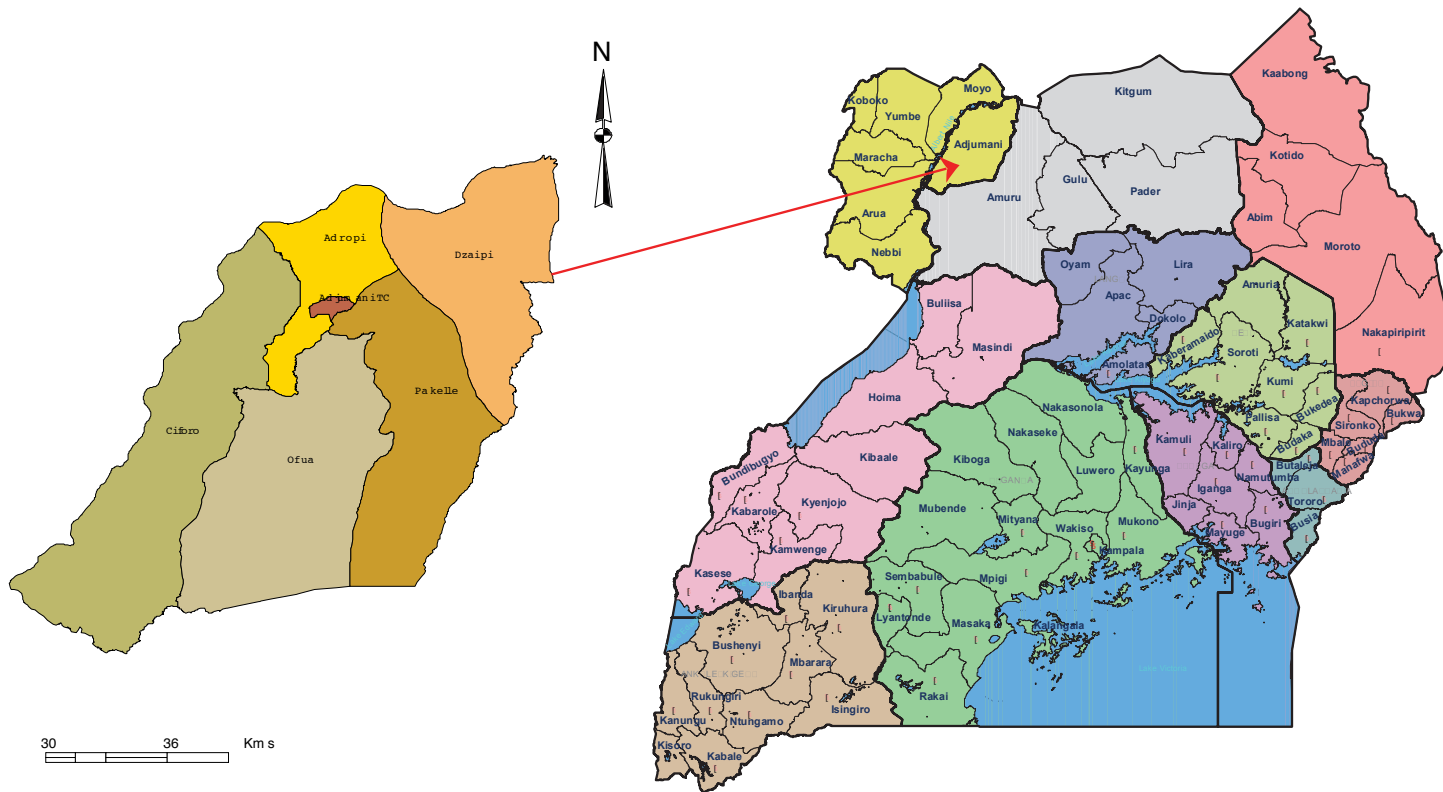
I would like to thank UNICEF for their coordination, UNICEF was very vibrant in advocating for funding this initiative and ultimately we greatly appreciate entrusting LWF in doing this wonderful assignment. Not forgetting all our other partners, we are very thankful for recognizing our competence and heighten our capacity. These emergency developments will not only benefit today's refugees but will succor the host communities from Generation to generation.

“Uphold the rights of the poor and oppressed.” This is the mantra of LWF. Although rights are often seen as intangible and even amorphous objectives, these infrastructures are visible and measureable steps towards achieving the human rights of refugees and vulnerable Ugandans.

We hope that this report reflects the commitment that these infrastructures embody.

**Geremew Yadesa**  
**Emergency Team Leader**  
**LWF Adjumani Sub Program**

## Map Of Adjumani District in Uganda



# 1 Improved access to clean safe and sufficient quantity of water

## ➤ Borehole drilling

6 Boreholes with hand pumps were drilled in the following schools below.

(Paruga Primary school , Okawa Primary School, Magara Primary school, and Pagirinya Primary schools, Bishop Angello Ngeri Kindergarten and Lewa Secondary School)

Schools	Number of beneficiaries			Drilled depth (meters)	Pump results (litres / hour)
	Male	Female	Total		
Lewa Secondary School	111	67	178	54.0	3600
Okawa Primary School	269	163	432	48.0	1000
Magara Annex primary school	203	123	326	57.0	1000
Pagirinya Primary School	352	166	418	51.0	1200
Bishop Angello Ngeri Kindergarten	181	76	257	45.0	600
Paruga Primary School	225	177	402	54.0	2400



Pupils of Paruga primary school collecting water from a borehole constructed at their school.



The Head Teacher of Okawa primary school demonstrates how the borehole constructed at their school works.



A borehole at Pagirinya primary school



Borehole drilled at Lewa Secondary school

## ➤ Construction of 12 Rain Water Harvesting Systems:

Each rain water harvesting tank has a height of 371cm and radius of 185.2 cm, holding a quantity of 10'000 litres of rain water.

The construction of rain water harvesting systems was done in the following schools:

School	Population of beneficiaries		
	Females	Males	Total
Meliaderi P/S	430	190	620
Ibibiaworo P/S	187	184	351
Nyumanzi II P/S	641	908	1549
Nyumanzi P/S	321	355	885
ST Luke P/S	646	780	1426
Dzaipi P/S	464	439	903
Nyumanzi I P/S	490	609	1099
Ayilo I A P/S	1096	1430	2526
Ofua Central P/S	385	384	769
Subbe P/S	224	239	463
Pakele Girls P/S	107	97	204
Ayilo I B P/S	540	760	1300



A newly constructed Water harvesting tank at Nyumanzi Primary School





A Water harvesting tank at Pekele Girls School



A Water harvesting tank at St Luke Primary School

➤ **476 Solvatten water containers.**

Distribution of 476 Solvatten water containers to Persons with Special Needs.

Solvatten is an innovative and environmentally-friendly technology that makes un-safe water drinkable through using heat and Ultraviolet radiation from the sun. The Solvatten consists of two hinged containers each holding 20 liters of water. It has fine mesh filters which reduce the turbidity of the water and convention currencies are created within the containers which make the process more efficient. The system has in-built filters that help in removing the larger organisms and physical particles. When done filling the Solvatten with water, it's put out with the glass part facing the sun. Within 2-6 hours of being in sun, the red sad face turns into a green smiling face a sign to show that the water is safe for use.



The solvatten water container



The solvatten is placed under direct sun to heat up the water



One of the beneficiaries demonstrating how to use the Solvatten.

## How to use Solvatten water Container

1



**Open all four caps. This makes it easier to fill.**

If the face is green, reset the indicator by pushing the yellow Sun Button. Do not push if it is already red.

2



Pour the water in through the openings with black caps and filters. The filters make the water less muddy and remove larger micro-organisms.

3



Tighten all caps firmly but do not use force. Close the caps when Solvatten is upright.

4



If the face is green, reset the indicator by pushing the yellow Sun Button. Do not push if it is already red.

5



**IMPORTANT!** The face on the indicator must be red and sad to start

6



Open up and place Solvatten facing the sun. Put Solvatten fully open with the transparent surfaces facing directly towards the sun.

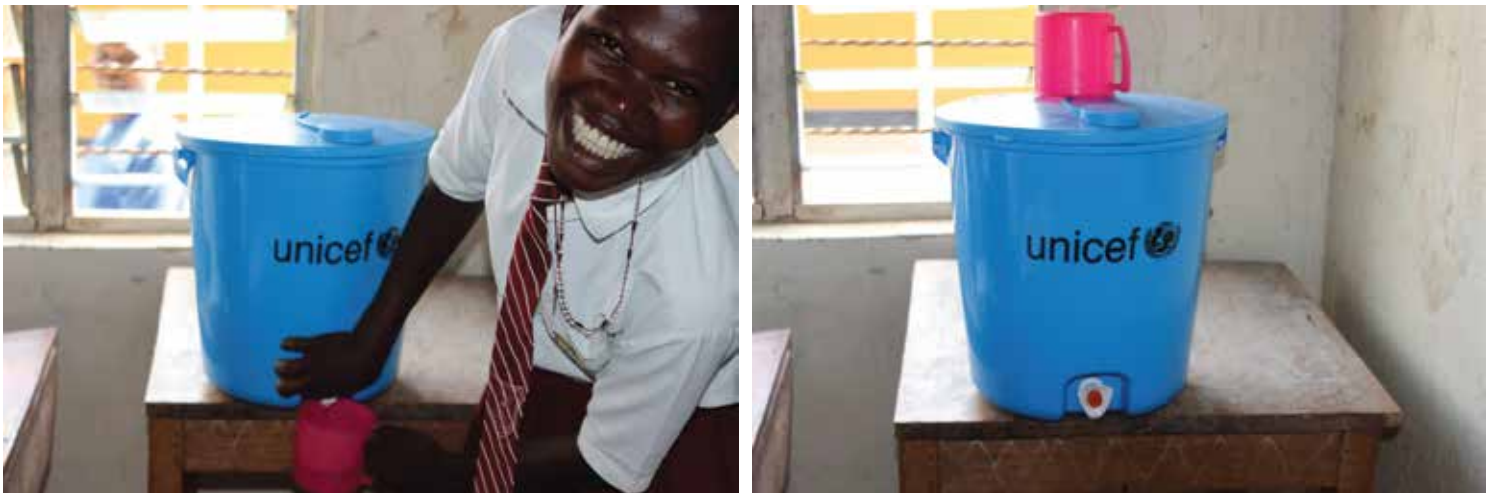
7



When the temperature reaches 55°C a green shows and water is safe for drinking.

➤ **Safe drinking water containers**

3000 plastic safe drinking water containers (Jerrycans) were distributed to the new refugees at Elegu entry point and the transit centre in Nyumanzi.



The containers are refilled 2-3 times a day by the class monitors.

## 2 Improved sanitation facilities at household and institutional level.

### ➤ PSN Latrine Construction:

A total of 228 traditional latrines were constructed for households of Persons with Special Needs ( PSN).





## ➤ Construction of Garbage disposal points

The construction of garbage disposal points in institutions and collection centres in markets and schools has enabled the authorities to respond and manage the ever increasing garbage due to increased influx of refugees and business activities at centres in the district.

.The garbage disposal points were constructed in :

- Ayilo Market
- Lewa Secondary School
- Adjumani Main Hospital
- Adjumani Central Police Station
- Dzaipi Market
- Awindiri Market

Adjumani Hospital:



Before



After

### Ayilo Market:



Before



After

### Awindiri Market:



Newly constructed collection point at Awindiri Market



## ➤ The garbage pits

16 garbage pits constructed in 10 schools based on total school enrolment and the need for separate disposal and management of degradable and no-degradable waste.



No	Name of institution	Sub county
1	Paluga P school	Pakele
2	Meliaderi P school	Pakele
3	Dzaipi P school	Dzaipi
4	St. Luke P School	ofua
5	Ayilo 1A	Pakele
5	Pereci P school	Pakele
6	Miniki P School	Pakele
7	Subbe	ofua
8	St. Mary Assumpta S school	Pakele
9	Nyumanzi P School	Dzaipi
10	Ajugopi P school	Dzaipi

## ➤ Providing 100 hand washing Jerrycans for institutions

These were provided to 45 institutions: 24 Primary schools, 8 secondary school and 13 health centres





## ➤ Providing 100 sets of environmental cleaning kits for institutions:

Environmental cleaning Kits comprised of 2 rakes, 2 Slashers, a hoe, 2 wheelbarrows and hard brushes were distributed to 34 primary school, 7 secondary schools, 7 markets and 10 health centres.



➤ **Providing 100 trash bins to institutions:**

100 trash bins were distributed to 50 institution. (34 primary schools, 7 secondary schools, 9 health centres)





## 3 Improved Hygiene and sanitation practices in the communities

### ➤ Training in Menstrual Hygiene management (MHM) for selected schools

40 school teachers from 13 schools and 6 LWF staff were trained in Behavioral Change Communication (BCC), Menstrual Hygiene Kit making, Management of Menstruation, and planning and implementing MHM in schools as a package for Menstrual hygiene management for schools.



➤ **Distribution And Training In Sanitary Material Making**









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# About LWF Uganda and What It Stands for

## Global Mandate

The Lutheran world Federation (LWF) is a global communion of churches in the Lutheran tradition comprising 143 member churches in 79 countries all over the world representing 70.5 million Christians.

World Service is the LWF's internationally recognized humanitarian and development arm. We have earned a distinguished record by linking timely, compassionate and professional emergency response with excellence in rehabilitation, reconstruction and effective long-term development efforts.

Mandated by the communion of LWF member churches to "effectively address human suffering, injustice and emergencies," World Service works with and for vulnerable and crisis-affected populations to achieve justice, peace and sustainable lives. World Service's uniqueness is to be locally rooted and globally connected. LWF Uganda lies under World Service's structure, and is aligned with its mission, vision and values.

## Vision, Mission and Values

LWF Uganda program contributes to transforming peoples' lives, creating a better world inspired and guided by the following vision, mission and values.

### Vision

People of the world, living in just societies in peace and dignity, united in diversity and empowered to achieve their full potential, claim their universal rights, meet their basic needs and improve their quality of life.

### Mission

Inspired by God's love for humanity, LWF Uganda program responds to and challenges the causes and effects of human suffering and poverty.

## Values

**Dignity and justice:** LWF Uganda respects the dignity of every person and empowers and supports vulnerable communities in their efforts to achieve justice, human rights and a sustainable future. We address the underlying causes of poverty and exclusion and work for a more equitable distribution of power, resources and opportunities.

**Compassion and commitment:** LWF Uganda cares and shows compassion for those who are suffering. At the same time, we are committed to being professional in program management and implementation.

**Respect for diversity:** As difference among us express the richness of God's creation, LWF Uganda respects diversity within the communities it works with and within its workforce.

**Inclusion and participation:** LWF Uganda is committed to being inclusive and enabling the full and equitable participation of women and men, people of all ages and people with disabilities in all its activities, programs and decision-making processes as well as in society.

**Transparency and accountability:** LWF Uganda is strongly committed to transparency in all its activities, motives, aims, program and financial decisions and results. We aim to balance accountability towards affected populations with accountability to partners and back donors.



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