

INVESTMENT OPPORTUNITY



The Anglican Relief and Development Fund®



ETHIOPIA: MARGINALIZED COMMUNITIES GAIN SAFE DRINKING WATER

Well initiative in a rural area will lead to improved health and the reduction of water-borne diseases



Women from an Ethiopian village are able to draw clean water from a well for their families' use.

PROJECT OVERVIEW

CONTEXT: The Gambella Region is a regional state in Western Ethiopia, bordering South Sudan. The region has hosted multiple violent conflicts, largely caused by tensions between the multi-layered, inter-ethnic, intra-ethnic, and indigenous people versus the highlanders. Civil war in South Sudan has also had a spillover effect in the Gambella region.

NEED: Lack of access to clean water has had a devastating effect on the lives of people of Gambella. This water is frequently contaminated with disease-causing parasites and bacteria that can prove fatal, especially for infants and young children. Because girls spend so much time collecting water, many cannot attend school.

SOLUTION: With funding from the Anglican Relief and Development Fund (ARDF), the Diocese of Gambella will establish a deep borehole in a densely populated area of the diocese. The deep-water well, located at the Good Shephard Cathedral, will help meet the water needs of thousands of people in Gambella town. Once installed, the borehole will improve the livelihood, hygiene, and sanitation of these communities by letting thousands of people access reliable, safe drinking water. The diocese will also conduct evangelism and outreach programs.

LIFE IMPACT

Benefits 14,500 people, some in multiple ways:

- 14,500 community members, internally displaced people, and refugees gain access to clean, safe drinking water, leading to improved health and a reduction of water-borne diseases. Moreover, there will be a reduction in the number of water conflicts between different communities, leading to greater peace and reconciliation in the region. Included in the 14,500 are 15 water ambassadors who will be trained to manage the wells and provide sanitation training and hand pumps for communities.

PROJECT PROFILE

ID: ARDF-0723-Ethiopia

Lead Ministry

ANGLICAN DIOCESE OF GAMBELLA



LIVES IMPACTED 14,500

SECTOR WATER

AMOUNT REQUESTED \$143,000

ARDF COST PER BENEFICIARY \$9.86

TIMELINE 12 MONTHS

IN THEIR OWN WORDS

"I have been suffering from stomach pain due to the infection I got from drinking unsafe water. I am still suffering this stomach problem because of water-borne disease. I am grateful to ARDF for providing clean water which will save many lives. God bless you abundantly."

– Mary Manytap Reath, 39, a resident of Gambella and member of Good Shephard Anglican Church



WHAT IT'S LIKE NOW



Ethiopia has had one of the fastest growing economies in the Horn of Africa region – and the world – in the last

two decades. But the benefits of this growth have not been equally shared among the country's 100 million people, and the COVID-19 pandemic, recurring drought, and conflict in the northern part of the country threaten Ethiopia's hopes and its path out of poverty.

– www.oxfam.org/en/what-we-do/countries/ethiopia

“Only 57% of Ethiopia's population has access to improved drinking water and only 28% of the population has access to improved sanitation facilities.”

– www.pdjf.dk/en/program/water-and-sanitation-for-gambella-sunwash/

“Access to basic social services such as education, health, shelter, safe drinking water, and sanitation are among the lowest in the world. Only one quarter of the population in rural areas have access to drinking water from protected sources (tap and protected wells or springs), while more than three quarters of urban residents can access water from protected sources.”

– <https://faolex.fao.org/docs/pdf/eth180677.pdf>

PROJECT DESIGN

To provide access to a clean and reliable water supply, Anglican Diocese of Gambella will establish a deep well on the site of the Good Shepherd Cathedral near Gambella University, a densely populated area that lacks clean water. A hydrogeologist will conduct a geological survey to determine the best location to drill and make recommendations on the process and the depth of the well. After locating a suitable location for drilling, the diocese will obtain an environmental impact assessment report and required permits from the government. A drilling company that has strong references, approval from government of Ethiopia, and experience in drilling similar wells in the region will be contracted to drill the water. Drilling, including casing and test pumping, will take no more than five days. The company will supply and install steel casing, test pumping, and an electrical pump, as well as analyze the water's quality. It will also construct an elevated water tower with two 20,000 liter storage tanks mounted on top.

Pressure tests on the borehole will be conducted to determine the quantity of water in proportion to the population of the communities. Water samples from the boreholes will also be taken to Ethiopian government labs to test for quality and safety. The diocese will also consult with community leaders to form a management committee led by water ambassadors to oversee the operations and receive training on regular maintenance and pump efficiency.

People in the area will learn proper hygiene and sanitation practices offered by the diocese, as well as nurturing of their faith.

Water ambassadors will ask communities to contribute a small fee each month for maintenance, which will be used for maintenance and help ensure that people have ongoing access to water beyond the project period. A treasurer on each committee will report monthly on income and expenses. Local churches will use drama and other approaches that do not require literacy skills to educate residents about proper hygiene practices.

Measuring impact. Diocesan development coordinator will prepare quarterly reports and present them to the diocesan development committee for review. The development coordinator will evaluate progress quarterly, determine how effectively the collected funds were used, and will report on water usage and incidence of water-borne diseases. Water ambassadors will collect testimonies from beneficiaries.

PROJECT BUDGET

ITEM	ARDF FUNDS	LOCAL FUNDS
Land		\$10,000
Construction of storage tanks ¹	\$59,904	
Drilling deep well ²	\$49,738	
Program administration ³	\$7,358	
Project administration, monitoring and evaluation ⁴	\$26,000	
TOTAL	\$143,000	\$10,000

 This mark is used throughout the report to indicate additional information available upon request.

HOW YOU CAN CONTRIBUTE

For \$9.86, you can provide water for one person.
For \$984, you can provide water for 100 people.
For \$9,840, you can provide water for 1,000 people.
For \$98,400, you can provide water for 10,000 people.

NOTES

- ¹ includes the cost of drilling boreholes, supplying and installation of casing, electrical pump, test pumping and water quality analysis
- ² includes the construction of an elevated masonry stand and the purchase of two 10,000-liter plastic water tanks
- ³ includes the cost of a water committee and ambassadors who oversee the implementation of this project
- ⁴ ARDF contracts project research, monitoring and evaluation with The Grid and provides administration and communication to ensure full project funding



IMPLEMENTER FINANCIALS*

This project adheres to some or all of this sector's established best practices

INCOME	2020	%	2021	%	2022	%
General donations	50,629	31	55,151	32	165,979	45
Good Shepherd Church	0		54,422	32	165,840	44
Other income	115,308	69	60,265	36	42,486	11
TOTAL	165,937	100	169,838	100	374,305	100
EXPENDITURES	2020	%	2021	%	2022	%
Activities, ministry and scholarships	166,316	70	105,776	60	227,795	68
Personnel	58,148	24	52,457	30	92,749	28
Administrative and depreciation	13,502	6	18,987	10	14,784	4
TOTAL	237,966	100	177,220	100	335,328	100
SURPLUS / (DEFICIT)	(72,029)		(7,382)		38,977	

NOTES:

*Income and expenditures reported in U.S. dollars

INCOME: Total income for years 2020 and 2021 were consistent in total though in 2022 no funds were received from Good Shepherd Church but a similar amount was received from the Nehemiah project. A 220% increase in general donations and a 230% increase in Good Shepherd donations from 2021 to 2022 increased total income by 140% from 2021 to 2022.

EXPENSES: Program expenses dropped 20% from 2020 to 2021 but increased 130% from 2021 to 2022. The 130% increase in program expense is in line with the 140% increase in total income. Administrative expense stayed relatively consistent in dollar amount over all three years analyzed, which means their fixed costs are pretty stable regardless of the additional project funds used in a current year. Personnel expense increased 92% from 2021 to 2022, which is reasonable taking into account the increase in program expenses which are heavily personnel driven.

RISK ANALYSIS



Low: 1, Low/Medium: 2, Medium: 3, Medium/High: 4, High: 5 

CONCEPT: 1

Access to clean water restores health for families and reduces the amount of time that women and children spend collecting water each day. Clean water gives children a chance to attend school and build a better future. This project meets the vital needs of the people of Gambella who otherwise must walk long distances to access water that is not always safe. This project provides positive visibility for the Anglican Diocese of Gambella. The project is part of the Safe Drinking Water Intervention projects overseen by the Anglican Church. Evangelism, church planting, and leadership training activities also form an integral part of the project implementation.

PROGRAM DESIGN & EXPERIENCE: 2

The Diocese of Gambella has worked with partners like ARDF to support extensive holistic Christian ministry that includes health, education, and vocational programs. This water project is a key extension of the diocesan strategic plan for outreach and evangelism. It is working with a drilling company that has strong references and experience in conducting thorough hydrological surveys. The project has the endorsement of the archbishop of the Anglican Church of Egypt and Horn of Africa.

LEADERSHIP: 1

Project leaders have demonstrated their experience, skills, and integrity in managing similar projects. The

local executive committee is providing oversight of construction. Water ambassadors will be involved with community outreach, while local Anglican clergy will provide spiritual guidance.

FINANCIAL CONTROL: 2

The diocese has stable management and secure wire transfer methods but lacks an independent governing board as all are members of the Anglican Church. Diocesan financial accounts are externally audited.

SUSTAINABILITY: 2

Beneficiary communities in Gambella are highly invested in the project's implementation and success. Water ambassadors will oversee the day-to-day operations of the wells, but may need continued support for major well maintenance or repairs. This project will strengthen the church through community outreach, evangelism, and church planting, which are part of the project implementation process and can positively impact surrounding villages.

EXTERNAL: 3

Gambella is prone to conflict with incidents of large-scale violence, inter-communal clashes, and armed attacks. Heavy fighting was reported as recently as June 2022. Any recurrence of violence could hinder implementation.



LEADERSHIP PROFILES

The Rev. Jeremiah Maet Paul is the project manager overseeing the implementation of this project. His background includes:

- a degree in theology from Alexandria School of Theology in Cairo, Egypt
- an ordained minister in the Anglican Church with over 20 years of experience in ministry
- promoted to archdeacon in 2020, overseeing the administrative work of the Diocese of Gambella

Gatdet Gatluak Nyan is the office manager and finance assistant at the Good Shepherd cathedral, where the borehole will be erected. His background includes:

- a bachelor's degree in education from Gambella University

REFERENCES

"Gambella is one of the most cut-off and desolated places in Ethiopia. The low-lying region bordering Sudan is remote, politically charged and poor, even by Ethiopian national standards. Despite all the struggles the people here face and the little help they receive, they work very hard with what they have. The Rev. Jeremiah Maet Paul is a committed servant of his people, a gifted leader, and an honest steward of the resources his organization is able to attain. He works tirelessly both as a shepherd and as an agent of change and development in his community."

– **Simon Deng Lual, general overseer of Christian Temple Church, Gambella**

"The Diocese of Gambella is one of the few churches that continues to help the needy people of Gambella. It works in close collaboration with community-based organizations and international (nongovernmental organizations) to realize holistic, transformational development in Gambella. I have read the water and sanitation project proposal that has been prepared by the very capable staff at the Diocese of Gambella. I give my blessing to this project and highly recommend it to the Anglican Relief & Development Fund trustees for its approval. The project will help alleviate the needs of the people served by the diocese who desperately need water."

– **Thiajak Pal Kugn, regional team coordinator, German Agency for International Cooperation**

RESEARCHER'S STATEMENT



Frederick Barasa
Sr. Research Analyst
July 2023



This investment meets the Anglican Relief and Development Fund's requirements for holistic development that combines development with church growth. It offers opportunity for the Diocese of Gambella to do outreach through the provision of water. Diseases from unsafe water and lack of basic sanitation practices kill more people every year than all forms of violence, including war, in Ethiopia. This project is expected to have a major impact on the health and living standards of local communities in Gambella.

IMPLEMENTER'S INSPIRATION

"When a Samaritan woman came to draw water, Jesus said to her, 'Will you give me a drink?'"

– John 4:7 (NIV)

HOW TO FUND THIS PROJECT

PROJECT RECAP

ID - ARDF-0723-Ethiopia
 Timeline - 12 months
 Requested - \$143,000
 Modified - 101323

For information about ARDF, write to:
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The Anglican Relief and Development Fund®

