



Gogomoga – Okavango Delta - Botswana
Phase 2 Gogomoga Water Security Project
Final Report - February 2024

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GOGOMOGA COMMUNITY - BACKGROUND

Anchored by the &Beyond concessions in the Okavango Delta, Africa Foundation has been active in Botswana since 2014. Our work here is centred around supporting the rural communities who live close to the Delta - specifically communities linked to the &Beyond Xaranna, Xudum, Sandibe Chobe and Savuti concessions. Within these concessions, we currently support the communities of **Shashe, Sexaxa and Shorobe**.

These communities have limited access to infrastructure and education, which reduces their opportunities for employment and enterprise development. The households in these villages are reliant on subsistence farming and natural resource harvesting, including fishing and grass cutting, for survival. Households are under significant strain due to the drought conditions that have been affecting their area for many years. Apart from the persistent drought, farmers also struggle to protect their crops from wildlife – particularly elephants – who destroy crops during the dry season.

Tsutsubega and Gogomoga are settlement areas within the **Shashe** community, with between 300 and 500 people living in each. As a result, these settlements are not officially eligible for Government services and infrastructure development. There are no schools, shops, nor electricity. They are an hour and half's drive from the main road, and is accessible via an informal, gravel road and bridge infrastructure that is made from branches and mud.



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GOGOMOGA - WATER SECURITY PROJECT - BACKGROUND

Prospects for employment in the area are non-existent and many young adults have left in search of meaningful work. Most of the villages therefore consist of elderly people and children. Desperate for water, residents don't have many options other than to use water from unclean and unsafe water sources, which in turn lead to water-borne illnesses which can be fatal for young children.

Critical to improving the lives and livelihoods of the people in the community is improving their access to water. At the request of the Tsutsubega and Gogomoga community leadership, Africa Foundation and &Beyond are supporting the establishment of a network of water points aimed at ensuring that every homestead has access to water.

In 2023, through the generous support of Africa Foundation US and UK donors, we were able to secure funds to establish a solar powered borehole system and procure and distribute 50 Hippo Water Rollers, in the Gogomoga community.



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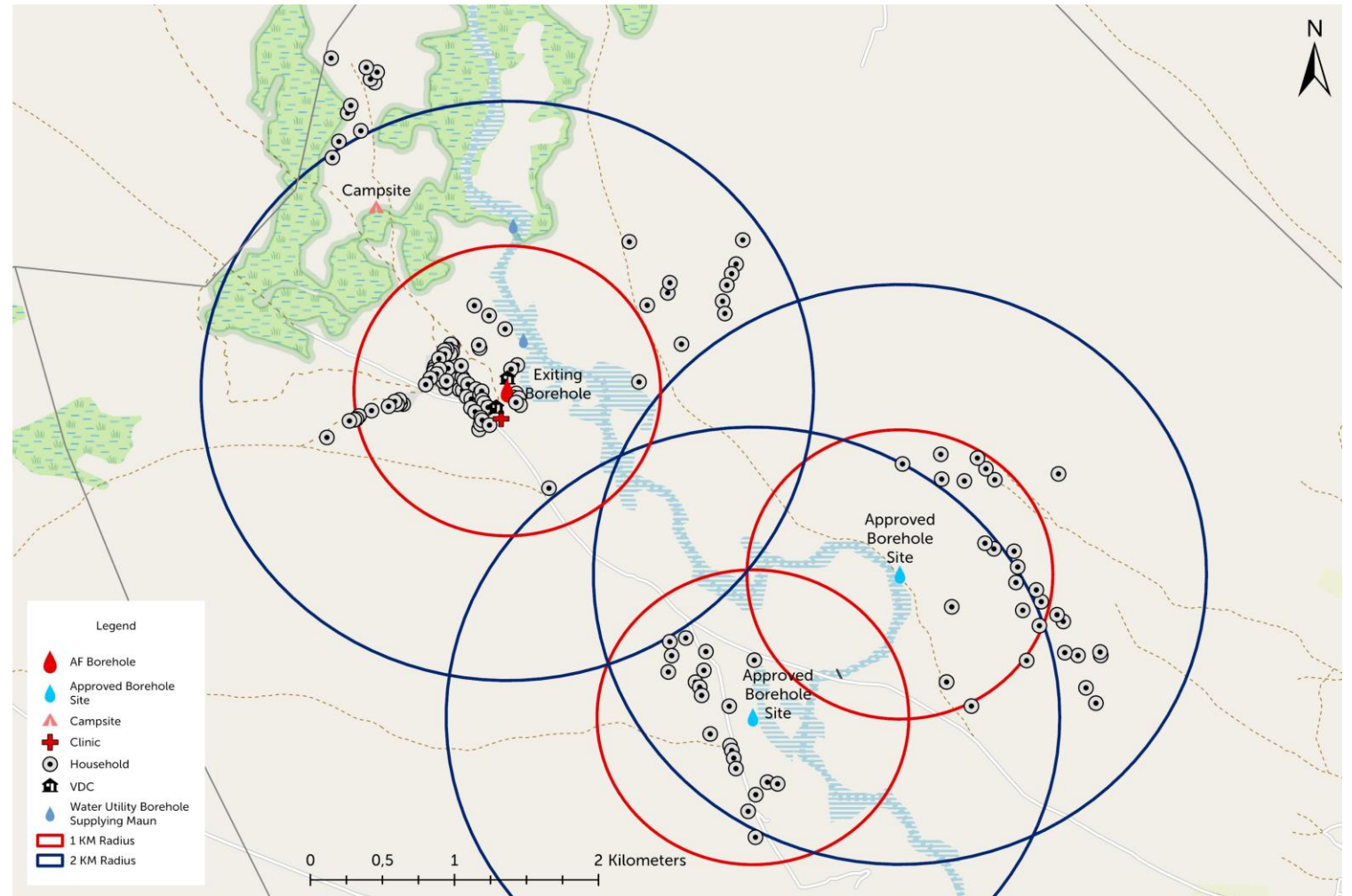
GOGOMOGA WATER SECURITY PROJECT (PHASE 2) – BOREHOLE SITES

In 2023 we embarked on Phase 2, where we were able to install 2 additional boreholes and in 2023 we distributed 50 more Hippo Water Rollers in Gogomoga.

To determine the placement of the boreholes, all Gogomoga homesteads were mapped relative to the existing borehole and water systems. This data was used to inform the water divining process, with the/ intention of finding 2 new borehole sites that would benefit as many homesteads as possible.

This map shows the position of the existing and new boreholes relative to the Gogomoga homesteads, showing that:

- 132 homesteads are within 1 km of a borehole.
- 48 homesteads are within 1 – 2 km of a borehole.



GOGOMOGA WATER SECURITY PROJECT (PHASE 2) – PLANNING AND DRILLING



The identification of the 2 sites where the new boreholes have been installed, was informed by a formal geo-science process. The aim was to minimize the chances of a drilling failure and maximize the chances of establishing a sustainable, high-volume water supply point.



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GOGOMOGA WATER PROJECT (PHASE 2) – HANDOVER AND CELEBRATION

On the 1st of February 2024, the Gogomoga Hippo Water Rollers and boreholes were handed over to the community.

- 1 water point is solar powered
- 1 water point is fitted with a hand pump.
- 50 Hippo Water Rollers were handed over

The Gogomoga community arranged a fantastic handover ceremony to demonstrate their appreciation for this transformational investment, which was attended by:

- Political leadership (local and members of parliament)
- Tribal leader (chief from Shashe community)
- Local council secretary
- &Beyond and Africa Foundation representatives



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GOGOMOGA WATER SECURITY PROJECT (PHASE 2) – HIPPO WATER ROLLER BENEFICIARIES

This map shows the location of the homesteads that have received the 50 Hippo Water Rollers



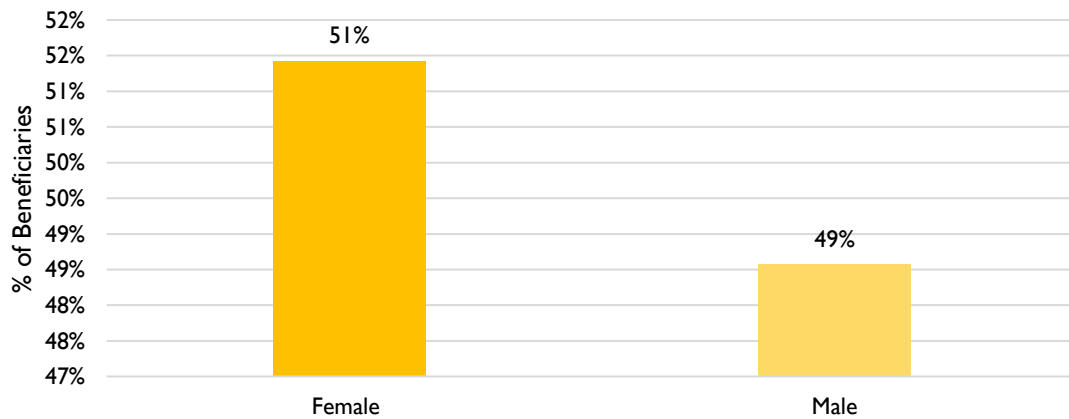
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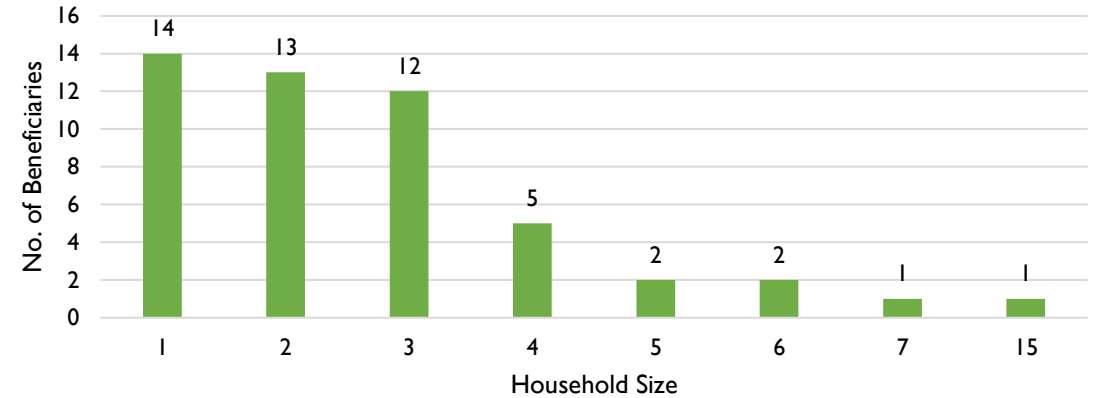
GOGOMOGA WATER SECURITY PROJECT (PHASE 2) – HIPPO WATER ROLLER BENEFICIARIES

- There are 140 community members linked to the 50 homesteads that received Hippo Water Roller.
- 51% of the beneficiaries who received a Hippo Water Roller are female (Figure 1), and the average household size for beneficiaries that received a Hippo Water Roller is 2.8 (Figure 2).
- The average garden size for each household is 2.23 Ha - emphasizing the importance of water for subsistence farming and crop irrigation (Figure 3).

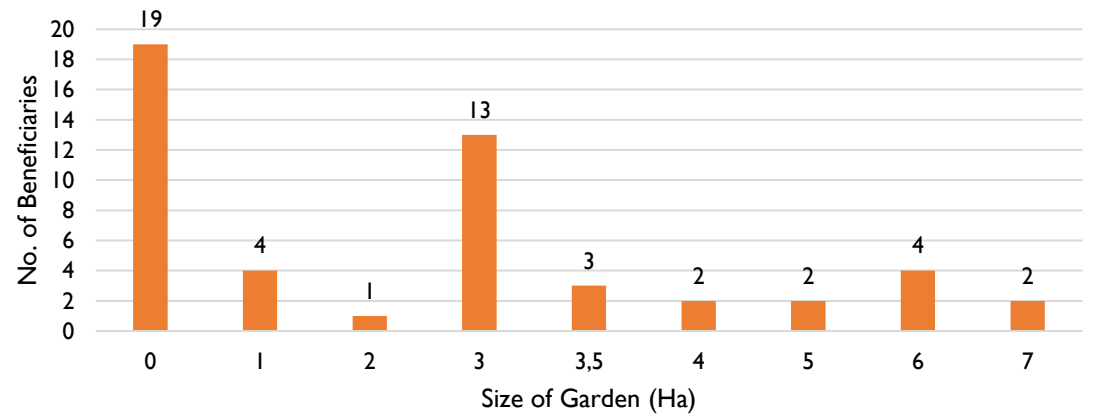
1. Gogomoga Hippo Water Roller Beneficiaries - Gender Profile (50 household / 140 pax)



2. Gogomoga Hippo Water Roller Beneficiaries - Household size Profile - (Average 2.8)



3. Gogomoga Hippo Water Roller Beneficiaries - Garden Size Profile (Average: 2.23 Ha)



GOGOMOGA WATER SECURITY PROJECT (PHASE 2) – HIPPO WATER ROLLER BENEFICIARIES



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GOGOMOGA WATER SECURITY PROJECT (PHASE 2) - TESTIMONIAL

“I am writing this testimonial to express my gratitude for the Hippo roller that has been provided to us. This Hippo Roller is more than just a tool; it is a lifeline that will positively impact the lives of the people in our community. The Hippo roller is a game-changer for us. The ability to transport water with ease means we no longer have to struggle with carrying heavy buckets over long distances. This will significantly reduce the time and effort required to fetch water, allowing us to focus on other essential tasks and improving our quality of life. Moreover, having access to clean water that can last up to a week will alleviate the burden on our daily routines and contribute to our overall well-being.

I am confident that the Hippo roller will make a lasting difference in our community. Its simple yet effective design has the potential to transform the way we collect and use water, providing us with a sustainable solution that will benefit us for years to come. Once again, I extend my heartfelt gratitude to Africa Foundation and &Beyond that have generously provided us with the Hippo Roller. Your support has not only eased our daily struggles but has also given us hope for a brighter future.”

Thank you!

Sydney Nkemelong, Gogomoga resident



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GOGOMOGA WATER SECURITY PROJECT (PHASE 2) - TESTIMONIAL

“I wanted to take a moment to express my sincere gratitude for the assistance we have received from the Africa Foundation. Life in our village has been difficult, especially when it comes to accessing clean water. However, thanks to the Hippo roller and the water installation provided by the Africa Foundation, our daily lives have become much more manageable. Before the Hippo roller and water installation, I would have to carry buckets of water home, which was a physically demanding task for someone my age. I would often have to rest along the way, and the amount of water I could carry was limited to what I could physically manage.

This meant that I had to make multiple trips to the water source, which was time-consuming and exhausting. Now, with the Hippo roller, I can carry up to 90 liters of water at once, which is an improvement from the 25 liters I could carry in a bucket. This means that I can make fewer trips to the water source and have more time and energy for other tasks. I am truly grateful to the Africa Foundation for their support. I hope that they will continue to assist us in the future, as their help has made a significant difference in our lives. Thank you once again for everything you have done for us.”

Obusitswe Alobile

Gogomoga Resident



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GOGOMOGA WATER SECURITY PROJECT (PHASE 2) - GEOGRAPHICAL CONTEXT

Botswana is a land-locked country with a population of 2.2 million people. It is one of the most sparsely populated countries in the world, with a significant portion of the land being the Kalahari Desert. One third of the population live in rural areas.

Since its independence in 1966, Botswana has maintained one of the world's highest economic growth rates, achieved through fiscal discipline and sound management of its valuable natural resources – primarily diamonds. Botswana has also benefited economically from cattle and tourism, making it a relatively prosperous African country.

Despite the positive economic outlook however, unemployment rates are high, rural poverty is prevalent and the country has the world's second highest rates of HIV/AIDS.

Botswana also faces major drought problems, with three quarters of the country's human and animal populations dependent on groundwater and less than 5% of agriculture sustained by rainfall.

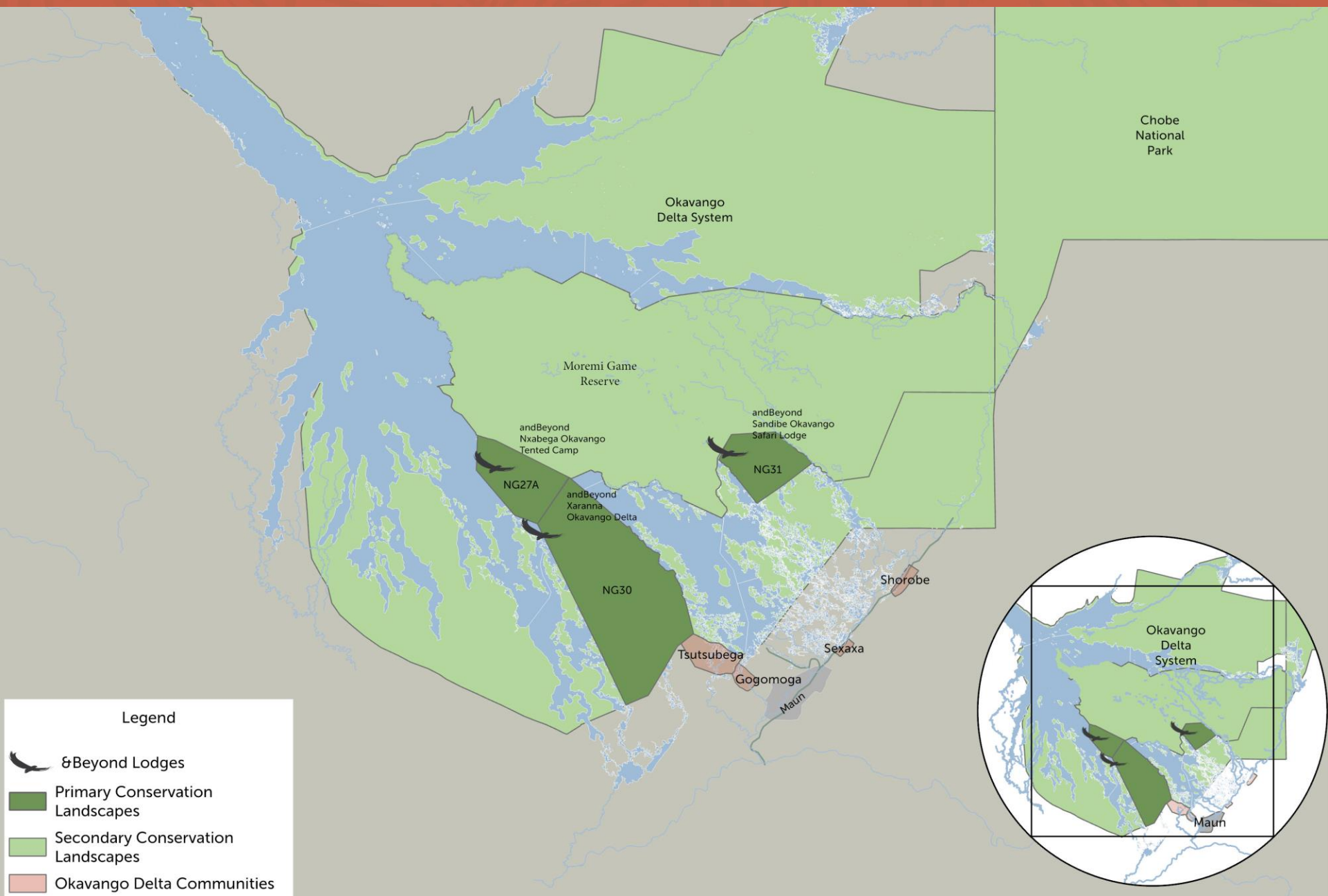


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Legend

-  andBeyond Lodges
-  Primary Conservation Landscapes
-  Secondary Conservation Landscapes
-  Okavango Delta Communities



OKAVANGO DELTA CONSERVATION LANDSCAPE



Thank you for supporting the **Phase 2 Gogomoga Water Security Project in Botswana.**

Your contribution made a big difference in the lives of the residents in this small, rural community, who can now access and transport water more easily and effectively.

For more information, please do not hesitate to contact Africa Foundation's Head of Partnerships:

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