



Support us end perennial water scarcity for 800 Somali families

Background

In Abudwak district, Galmudug State, Somalia, 800 pastoralist families rely on a generator-powered borehole as their sole water source. When the generator fails due to malfunctions, fuel price hikes, or supply interruptions from conflicts, these families face a grueling 75-kilometer journey by foot to find alternative water sources. The limited water they fetch is insufficient, often leading to livestock deaths and diminishing livelihoods. On average, the borehole functions only eight days a month. Women, girls, and children bear the brunt of these perilous journeys and the resulting water scarcity. Water-borne diseases are prevalent, and child mortality rates in the rural Abudwak is alarmingly high.



The Center for Peace and Democracy (CPD) aims to break this cycle by installing a solar-powered water system, ensuring a sustainable, clean, and reliable water supply for these families every day.

Challenges



Since 1991, Somalia has been plagued by civil war, leaving the newly formed government in control of less than 20% of the country and lacking the resources to address widespread water inefficiencies. This has led to severe water scarcity in many regions, fueling inter-communal conflicts that result in death and destruction. Communities, particularly in rural villages, face recurrent droughts that devastate their lives and livelihoods. Climate change exacerbates these challenges, and the absence of essential infrastructure, such as solar-powered water pumps, compounds their suffering.

Currently, residents of rural Abudwak pastoralists must undertake a 75-kilometer journey to find water whenever the unreliable fuel-powered generator fails, whether due to mechanical issues, fuel shortages, or high fuel costs. This journey is perilous and exhausting, leaving families with insufficient water for both domestic use and livestock, and contributing to ongoing hardship and instability



Solution

Our project will construct a solar system that will power the water pump as this will encourage the utilization of the abundant solar energy so that these communities in the vicinity of Abudwak district will get uninterrupted, clean, safe and reliable water for both domestic use and for their livestock. The project will capitalize on and utilize the existing borehole and its infrastructure and replace the use of expensively unreliable fuel generator with the abundant solar energy that will change the destiny of these communities.

Once the project is completed, more than 800 families in the rural Abudwak district will start to get clean, safe and reliable water for both domestic use and for their livestock and reduce other challenges associated with the lack of it such as communal conflicts, sexual and gender based violence to women and young girls who mostly fetch water for domestic use and will reduce the distance covered by both people and animals in search of water during breakdown.

Long-Term Impact

This project will provide lasting access to safe water for more than 800 families, something they have never had before. Its success will serve as a model for similar initiatives, promoting peace and security in a region where water scarcity often leads to conflict.

By supporting this project, you will directly improve the lives of 800 families, offering them the dignity of safe water and the hope of a stable, healthier future. Together, we can turn the tide on water scarcity and build a foundation for lasting peace and development in Abudwak and beyond.



Impact

Abudwaq Rural (Proposed Project) has the following existing resources

- High Yielding Borehole
- An elevated Watertank
- Abundant solar energy throughout the year
- Community support/ ownership

This expected long-term impact for the people of Abudwak rural.

- 800 families will directly benefit from this project and have access to clean water all yearround
- Over 12,000 of livestock will have access to water all yearround.
- Save the people of Abudwak 75 KM of gruesome journey in search for water during breakdown.
- Risk to women and girls will be reduced drastically since the project location is secure
- Communal conflicts over the scarce water will reduce since the utilization of solar energy is cheaper and abundant hence making water available for all.