



The 'Safe Water' community project in central and north Eritrea targets existing boreholes which have been poorly maintained or have fallen into disrepair. The goal of the project is to supply local communities with clean water, whilst reducing smoke pollution from boiling water over open woodfires.

In Eritrea, over 45% of the rural population has no access to clean water and relies entirely on unprotected wells, lakes and other open water sources, which are highly vulnerable to contamination.

The Project:

The project supplies 150,000 people with 350 million liters of drinking water, whilst saving around 122,000 tons of wood per year, which would have been used for boiling the water. In addition, the project guarantees a reliable maintenance scheme for the future to create a lasting impact on the region.

The Benefit:

In addition to the pure climate protection effect, the project contributes to the achievement of the 17 Sustainable Development Goals (SDGs). The SDGs developed by the United Nations consider all three dimensions of sustainable development: economic, social and environmental influences. This borehole repair project generates a range of significant additional benefits. It conserves forest deposits and promotes the importance of clean water as well as the health hazards caused by household smoke. Additionally, families no longer have to spend money on charcoal or wood, which is beneficial for the disposable household income.



Portfolio

Community

Project Standard

Gold Standard[®]

Climate Security & Sustainable Development

Emission Reduction

Approx. 286,000 t CO₂e p.a.

Project Status

VER, certified

Project Location

Zoba Maekel, Eritrea

Sustainable Development Goals

