



## CASE STUDY

# MOZAMBIQUE WATER SUPPLY

Tongaat Hulett's Mozambique operations at Xinavane and Mafambisse are located fairly close to the cities of Maputo and Beira respectively. Given the large rural communities that surround these operations there remains multiple opportunities to significantly contribute to the ongoing development of both the people and the areas. The initiatives that Tongaat Hulett continues to undertake in these operations are in accordance with the SDG 6 which states that, "Access to safe water and sanitation and sound management of freshwater ecosystems are essential to human health and to environmental sustainability and economic prosperity."

At the Xinavane operation initiatives around the supply of safe drinking water commenced in 2008, while the following initiatives commenced in 2015. The communities and schools benefitting from the interventions made are detailed below:

- In schools, water supply systems were set up that not only benefit the learners but also the community. At Timanguene, the water system benefits about 455 learners and 405 families.
- At Chichuco primary school a borehole was opened to supply water to about 200 learners and the community.
- At Mucuvulane community a borehole was opened supplying water to about 400 families.
- At Macaene-Masintonto Tongaat Hulett opened boreholes to supply water to a community of about 150 families.
- In Chalate the water system benefits 200 learners and a part of the neighboring community.
- In Agraria de Magude school a borehole has been opened that benefits 300 learners and it is used for the irrigation of vegetables that feed the learners.

- A borehole was opened at the administrative post of Josina Island befitting 200 families. This project has had a significant impact because the diseases caused by the consumption of impure water and the attack of crocodiles in the rivers have been greatly reduced.
- Tongaat Hulett also provides clean drinking water to a number of healthcare facilities including Xinavane Rural Hospital, and three health centers at Chichachanduco, Mbondoia and Macaene.

In addition to the initiatives undertaken for surrounding communities, Tongaat Hulett continues to supply safe drinking water to its employees. Quarterly water test undertaken to ensure the ongoing safety of water that is consumed by the residents located in the multiple company residential areas. In addition to its initiatives around safe drinking water, the Xinavane operation has provided a sewage plant located in the estate with the purpose of ensuring the health and well-being of employees and community. The company covers all the costs associated with the management and maintenance of the sewage plant.

Tongaat Hulett Mafambisse operation has undertaken a number of initiatives to improve the quality of water available to rural communities with the implementation of environmentally safe sanitation programmes, and for the 2016/17 reporting period this includes:

- Opening of a borehole in Mafambisse Mutua
- Training of community leaders in environmental sanitation
- Supply of materials for the construction of improved latrines in Lamego
- The repair of 15 boreholes in schools and the community of Mafambisse

The Muda Nhansato community lives on the margins of the Muda River. The community obtained its water supply from the river and residents were regularly exposed to the risk of crocodile attacks. In order to facilitate and guarantee access to safe water for human consumption, Tongaat Hulett has built a borehole that benefits 798 community members and has rehabilitated another 15 boreholes that benefit approximately 7 500 people in Mafambisse.