

## Impact Investing with Tatirano Social Enterprise

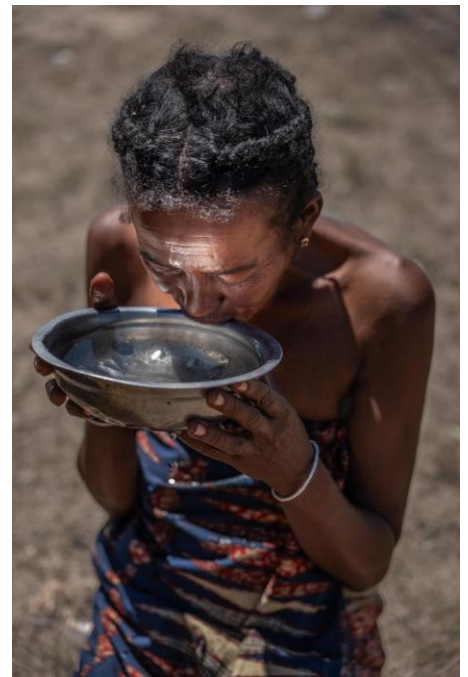
*A situation report prepared for Tareno AG*

### Tatirano Social Enterprise

Tatirano exists to empower women via increasing access to clean water. 200 million hours are spent every day by women and girls collecting water around the world. The burden of collecting and managing water in the home largely falls on women and therefore efforts to improve clean water access, closer to the home, have a proportionately larger effect on women. Less time spent collecting water or managing sick family members at home because clean water is more readily available gives women more time to practice recreational and entrepreneurial activities – benefiting all of society.

### The South of Madagascar

Madagascar is inside the top five poorest countries in the world and is often quoted to be the poorest country outside of a conflict zone. Over 30 million people live on the world's fourth largest island and less than half of those have access to clean water and even fewer, decent sanitation. The poorest population, about three million people living across the southernmost regions, live on the very frontlines of climate change. Consistent droughts coupled with increasingly more intense cyclones mean that finding water and food is becoming more difficult.



### The Baobab Network

Despite these challenges, the people in the south of Madagascar are some of the most resilient and hardy people on the planet. In the southwest of the country, generations of Malagasy have hollowed out large Baobab trees to create large water tanks in the middle of the desert. During flooding events following heavy rains once or twice a year, people traditionally collect surface water and store it for later use inside of these trees.



Tatirano has taken inspiration from these communities and established the Baobab Network – a formalized and professional replication of the traditional practice. Rather than trees, Tatirano stores water in 20 m<sup>3</sup> ferrociment tanks, “Baobabs” and delivers treated water from known pumping locations with a 20 m<sup>3</sup> water truck. With the high willingness to pay for water in the south, it is planned that the price for water paid at the Baobabs will be enough to cover the ongoing costs associated with the delivery of water.

The partnership between Tareno and Tatirano has enabled the safety and future quality of water delivered throughout the Baobab Network. The WATA Plus chlorine machine uses locally produced salt and pure water from Tatirano’s own rainwater treatment program to create a 5 g/l chlorine solution that is used to purify the water delivered to Baobabs in the network. This machine reduces costs associated with purchasing chlorine and supports the mission to become breakeven across all the Baobab Network operations.

### KPI tracking

Number of people served by the Baobab Network = 28,448 people

Number of litres distributed by the Baobab Network = 991,276 litres

Number of active Baobabs (communities served) = 13

Number of Baobabs under-construction = 9

Number of Baobabs planned and already secured financing = 8

*Tatirano’s water infrastructure is monitored on a weekly basis and is available publicly at <https://stats.tatirano.org/>.*

