



8,768

SAVED EMISSIONS  
TONS CO2 EQ /YEAR



# African Improved Cookstoves and Clean Water Programme: Nyagatare Safe Water Project

 Rwanda

PROJECT-ID: POA 5047 FZ-ID: 2234



# African Improved Cookstoves and Clean Water Programme: Nyagatare Safe Water Project

## Several micro-scale projects in Rwanda for clean drinking water

The project activity (called Project of Activities, PoA) includes the following five subordinate projects for water treatment in Runada:

Project IDs: 7397, 7398, 7399, 7400, 7401.

This micro-project activity under the PoA African Improved Cookstoves and Clean Water Program aims to provide clean water to hundreds of households in the Nyagatare district of Rwanda through boreholes. By providing clean water, the project will ensure that households use less firewood in the water treatment process, which will lead to a reduction in carbon dioxide (CO<sub>2</sub>) emissions from the combustion process.

In the district where the measure is being implemented, local people typically use wood fuels in inefficient three-stone fires

to purify their drinking, cleaning, and washing water.

This process results in the release of greenhouse gas emissions from the burning of wood. By implementing safe water supply solutions such as borehole rehabilitation or drilling new boreholes, water for drinking, cleaning, and washing no longer needs to be treated. This leads to a reduction in wood consumption and thus a reduction in greenhouse gas emissions (contribution to SDG 13). The outcome for SDG 6 is quantified as the additional number of people who have access to clean water under the project activity compared to the baseline scenario.

For more information, click here:

- [Project 7397](#)
- [Project 7398](#)
- [Project 7399](#)
- [Project 7400](#)
- [Project 7401](#)

## Overview of the project data:



## African Improved Cookstoves and Clean Water Programme: Nyagatare Safe Water Project

The project contributes to the following sustainability goals:



Health and well-being:

The use of germ-free water will reduce preventable diseases and causes of death. It is estimated that the project activity can reduce waterborne diseases by 50%.



Clean water and sanitation:

It is assumed that 1,964 people will have access to safe drinking water per project activity.



Climate action:

Reduced use of firewood to boil drinking water leads to a reduction in greenhouse gas emissions. Each of the three subordinate projects saves an average of 8,768 tons of CO<sub>2</sub>e annually.