Carbon Neutral Britain

Project 1163

The Nkhata Bay Cook Stove Project

Malawi

The Nkhata Bay Cook Stove Project aims to improve the livelihoods, health, and environment of 200,000 people in Nkhata Bay District, Malawi by distributing high-efficiency biomass cook stoves to 22,000 households. The project aims to reduce deforestation, respiratory diseases, burns, and greenhouse gas emissions by saving wood consumption and reducing smoke and fire hazards.

UN SDGs

1 NO POVERTY

3 GOOD HEALTH AND WELL-BEING

7 AFFORDABLE AND CLEAN ENERGY

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

13 CLIMATE ACTION

15 LIFE ON LAND

With the use of these cookstoves, women are able to save an average of 10 hours per week, as they use less wood compared to traditional cooking methods. This time can be used for various purposes such as setting up businesses, meeting with friends or even returning to school. In addition to the time saved, the cookstoves also provide many environmental and health benefits.

These new cookstoves are a significant improvement over traditional three-stone fires. They require less wood, making them more efficient and sustainable. Additionally, they use smaller pieces of wood, reducing the need for larger logs. They also produce less smoke, making them healthier for the householder and the environment. Cooking is also faster, saving time for the user. The cookstoves are more stable and the fire is contained, reducing the risk of burns by over 60% in the District. Overall, the new cookstoves are a win-win for both the environment and the households using them.

These fuel-efficient cookstoves are regularly monitored, independently audited and verifiable. They are registered under the Clean Development Mechanism (CDM), operated and administered by the United Nations Framework Convention on Climate Change. This project has applied the rigorous CDM Standard to its activities, to measure its progress and demonstrate accountability and transparency.

This project is a perfect example of how sustainable development can provide multiple benefits for the environment and the community.

Copyright © 2023 Carbon Neutral Britain Ltd. The information contained herein is subject to change without notice. Carbon Neutral Britain shall not be liable for technical or editorial errors or omissions contained herein. Images and copy subject to CNB Brand Guidelines use only.