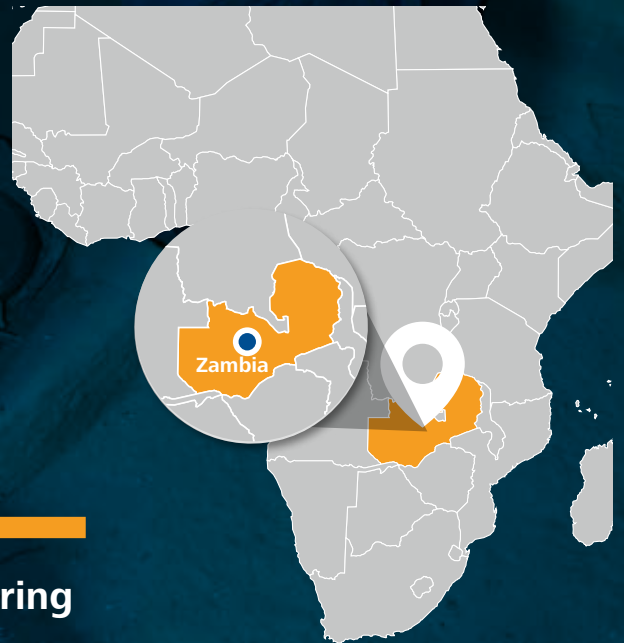




IMPROVED COOKING STOVES FOR BETTER HEALTH ZAMBIA

Saving forests, reducing emissions and fostering sustainable development for rural Zambia



This Small-Scale Programme of Activities (SSC-PoA) involves the promotion and distribution/installation of fuel-efficient improved cooking stoves (ICS) in Zambia. The ICS disseminated through this programme will replace the prevailing inefficient three-stone fires or traditional pot support, with stoves that combust wood more efficiently and improve thermal transfer to pots, thus saving fuel and lowering greenhouse gas emissions.

The Context

In Zambia, wood-fuelled three stone fires with traditional pot supports are the prevalent cooking method – an inefficient, smoky practice that poses a health threat to household inhabitants, particularly women and children.

The Project

This project makes cleaner, more efficient improved cooking stoves affordable and available to rural Zambian households, replacing traditional cooking methods to improve indoor air quality, guard household health, and lower emissions. The improved cooking stoves consume less fuel and thus reduce emissions, due to improved combustion efficiency and thermal transfer. To ensure the stoves are up to standard, efficiency must be recognised by a national standards body or recognised certifying agent.

The Benefits

As well as reducing greenhouse gas emissions, the project augments market access to healthier, improved efficiency cookstoves in Zambia and, as many cookstoves are sourced from abroad, also stimulates international technology transfer. Overall, the project creates range of social and economic benefits for users, and delivers a long-term, secure and simple contribution to sustainable socio-economic development in Zambia that could not exist without carbon financing.

By reducing deforestation pressures on local forest ecosystems caused by fuelwood collection, this project helps maintain watersheds, which are crucial in regulating the water table to prevent flash flooding.



49,988
efficient
cookstoves

installed, providing rural Zambian families with a cleaner, more efficient source of energy for cooking



**Job
Opportunities**

created for local people in operational and management roles, and future assembly and manufacturing initiatives



41,046
tCO₂e

mitigated on average annually through use of more efficient cookstoves

For more information on the UN Sustainable Development Goals, please visit: <http://www.un.org/sustainabledevelopment/sustainable-development-goals/>

Official name: Improved Cookstoves Program for Zambia | **CDM link:** http://cdm.unfccc.int/ProgrammeOfActivities/poa_db/ZG3XY1INVKUQ2WEO4FCOPTMD5JRLAB/view | **CDM ID:** PoA 8060