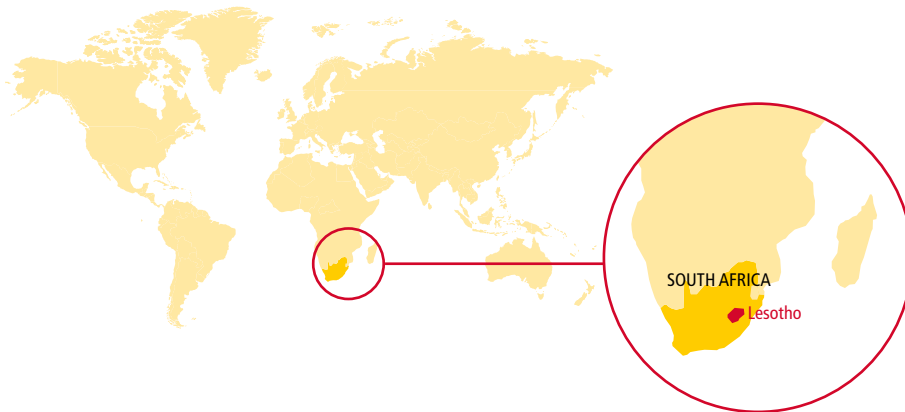


# GOGREEN CLIMATE PROTECTION PROJECT: EFFICIENT STOVE-COOKING-SETS IN LESOTHO



In order to provide our climate neutral service GoGreen, we need carbon credits to offset the greenhouse gas emissions that result from transport and logistics services for our customers. We obtain these carbon credits by investing in certified climate protection projects or, in this case, in our own "efficient stove-cooking-sets project" in Lesotho.

This is our first own climate protection project. It was planned and fully financed by Deutsche Post DHL Group. With this project we generate high quality carbon credits for customers using our GoGreen climate neutral service. We therefore have a positive impact on both the environment and the quality of people's lives in Lesotho. Taking responsibility for our own climate protection project demonstrates that we have taken the GoGreen service to the next level.



Project type	Energy efficiency improvement
Project technology	Efficient stove-cooking-sets "Save80"
Project location	Lesotho
Project goal	To reduce CO <sub>2</sub> emissions by using efficient stove sets that minimize the amount of firewood needed
Project standard	Clean Development Mechanism (Project 5482) Gold Standard (GS 913) Fairtrade Climate Standard (FT ID 35357)

## FAIRTRADE CARBON CREDITS™

Gold Standard's expertise in climate security and sustainable development and Fairtrade's strength in producer empowerment, together support vulnerable rural communities in their fight against climate change.



Gold Standard



Environmental protection with Deutsche Post DHL Group

Deutsche Post DHL Group

# GOGREEN CLIMATE PROTECTION PROJECT: EFFICIENT STOVE-COOKING-SETS IN LESOTHO



## Project description

In Lesotho the demand for wood exceeds the available biomass. This leads to deforestation and soil erosion. A lot of wood is used for cooking, which is traditionally done over open fires and thus not very energy efficient. And besides the detrimental impact on the environment, the traditional way of preparing food exposes the people to harmful smoke.

The Save80 stove sets are subsidized by Deutsche Post DHL Group and provided by our local partner Solar Lights. With a normal effective thermal power of 1.5 kW, they are more efficient than the traditional way of cooking and use up to 80% less firewood than traditional stoves. The use of 10,000 stove sets over a period of ten years results in annual savings of up to 25,000 tonnes of CO<sub>2</sub> emissions.

In addition to this, the project reduces health risks and creates jobs for the local population from the assembly and maintenance of the stoves. The project has been developed with the organization atmosfair. In 2016, it was additionally certified according to the Fairtrade Climate Standard (with around 10,000 carbon credits in the first year). The new standard confirms the project's societal value to the village communities in Lesotho. An additional premium payment supports the people to absorb the local climate change effects.

## Additionality

The establishment of a project to introduce efficient firewood stoves in Lesotho leads to special technical and financial requirements for manufacturing and distribution, and higher purchasing costs for the local communities. The project could not have been realized without Deutsche Post DHL Group's initiative to finance the stove sets and project administration. Thus, the project fulfills the additionality criterion of the Clean Development Mechanism and the Gold Standard: CO<sub>2</sub> emission reductions are realized by avoiding the unsustainable use of firewood for cooking food in addition to what would otherwise occur or that which is regulated by law.

## Links

[dpdhl.com/gogreen-projects](http://dpdhl.com/gogreen-projects)  
[cdm.unfccc.int/Projects/DB/RWTUV1323354971.78/view?cp=2](http://cdm.unfccc.int/Projects/DB/RWTUV1323354971.78/view?cp=2)  
[atmosfair.de/en/energieeffizienz/lesotho](http://atmosfair.de/en/energieeffizienz/lesotho)  
[fairtradecarboncredits.net](http://fairtradecarboncredits.net)

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