

# EFFICIENT COOKSTOVES

## Energy efficiency, Rwanda

The carbon offset project was registered by the Gold Standard as a lead project in the first Micro-PoA and confirms that the methods used to save carbon along with social, health and welfare benefits are used by some of the poorest communities in Rwanda.

The project is based in the Bugesera district in southeastern Rwanda, a relatively dry and low-lying area of the country where severe deforestation has led to significant soil erosion and loss of arable land and forest biodiversity.

The families who receive the energy efficient stoves benefit by cutting their fuel costs by about 50%, saving time and money, and protecting endangered forest areas from overuse.

In addition to the reduction of fuel, the families have a significant health benefit as the ovens Reduce the indoor smoke load by more than 70%. Because pneumonia kills more people in East Africa than malaria, this will be a great contribution to community health in the coming years.

The initial production and subsidized distribution of the Rwanda-built stoves was funded by Climate Corporation Australia, and the partnership was conducted in collaboration with their European subsidiary in Austria.

This process will provide the much needed local employment in Rwanda during the production and installation phase of the project as well as the staff deployed to support the community through cooking cooker training and maintenance.

The trust of the community is ensured by using a locally produced and supported product. The furnaces' design was refined by co2balance, based on their previous successful projects in East Africa, with local inputs to meet the needs of host communities.

The first funding period for this project is seven years, which the project estimates will save around 840,000 tonnes of CO<sub>2</sub>-emissions.

Following the annual Gold Standard verification, Verified Emissions Reduction (VER) credits are sold to organizations in developed countries that want to further support the project by offsetting their own carbon emissions.

Type of project:	Energy efficiency
Project N°:	231
Standard:	
 <p><b>Gold Standard</b><sup>®</sup> <i>Climate Security &amp; Sustainable Development</i></p>	
The project meets following global goals:	
	

