

# ONE COOKSTOVE SAVES TREES, HUNDREDS SAVE FORESTS

## COOKSTOVE PROJECT IN BENIN



EMPOWERING WOMEN



REDUCING CO<sub>2</sub>  
EMISSIONS



IMPROVING  
LIVELIHOODS

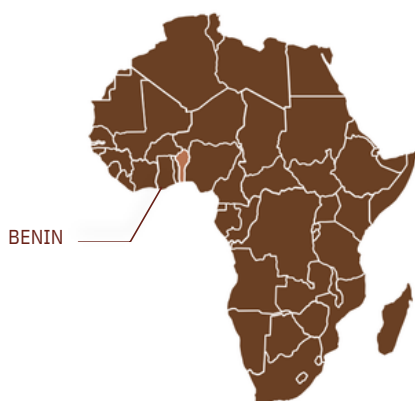
Firewood and charcoal are the main sources of household energy (80.3 % for wood and 13.4 % for charcoal) used by the local rural communities in Benin and it is generally carried out on thermally inefficient traditional stoves. High population densities coupled with high population growth rates, is putting increasing pressure on natural resources across Benin. The resulting situation is alarming with increasing levels of deforestation and environmental degradation. The Wanrou project is implemented by the NGO Eco-Benin with the support of CO2logic in neighbouring districts close to the National Park Pendjari. The aim of this project is to reduce deforestation and land degradation improving energy efficiency in households by the distribution of Wanrou cookstoves. This project therefore allows to save thousands of trees, support families, boost economic activities, empower women and improve health conditions in Benin.

### REDUCING CO<sub>2</sub> EMISSIONS AND SAVING TREES

The cookstoves distributed are more efficient which means that people use less charcoal and fuel to prepare daily meals compared to traditional inefficient stoves. The new cookstoves can reduce the need of wood or charcoal by 50%. This results in less harmful greenhouse gas emissions and also considerably reduces the pressure on the local forests and biodiversity.

### IMPROVING LIVELIHOODS

The use of less charcoal makes these cookstoves safer and healthier. The cookstoves generate less smoke and the chimney limits the exposure to smoke to help fight the problem of indoor air pollution and decrease respiratory diseases. Standard of living increases since families spend less budget on fuel and women experience a significant time gain that can be used for income-generating activities.



### EMPOWERING WOMEN

The Wanrou climate project allows to empower women to drive change within their families and communities. Women are taught in the use of wanrou stoves and disseminate good practices. Women are actors of change, facilitating also the adoption of sustainable agricultural and energy practices on family farms.



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### CLIMATE PROJECT DEVELOPMENT

Greentripper selects only climate projects that have an impact in terms of greenhouse gas emissions but also in terms of sustainability and co-benefits for the local population. These impacts are in line with the United Nations Development Goals and respect the criteria defined by the Gold Standard, internationally recognised certification body. This climate project proposal contributes among others to these Sustainable Development Goals :



### CARBON CREDITS ACCREDITED BY GOLD STANDARD

The Wanrou Project is Gold Standard certified. The Gold Standard Label was established in 2003 by WWF and other international NGOs to ensure projects that reduce carbon emissions, feature the highest levels of environmental integrity and also contribute to sustainable development.

## Gold Standard®