



TOGO COOKSTOVES

VC4  
climate

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Venture capital and projects  
to mitigate our climate

# TOGO COOKSTOVES

Where:  TOGO

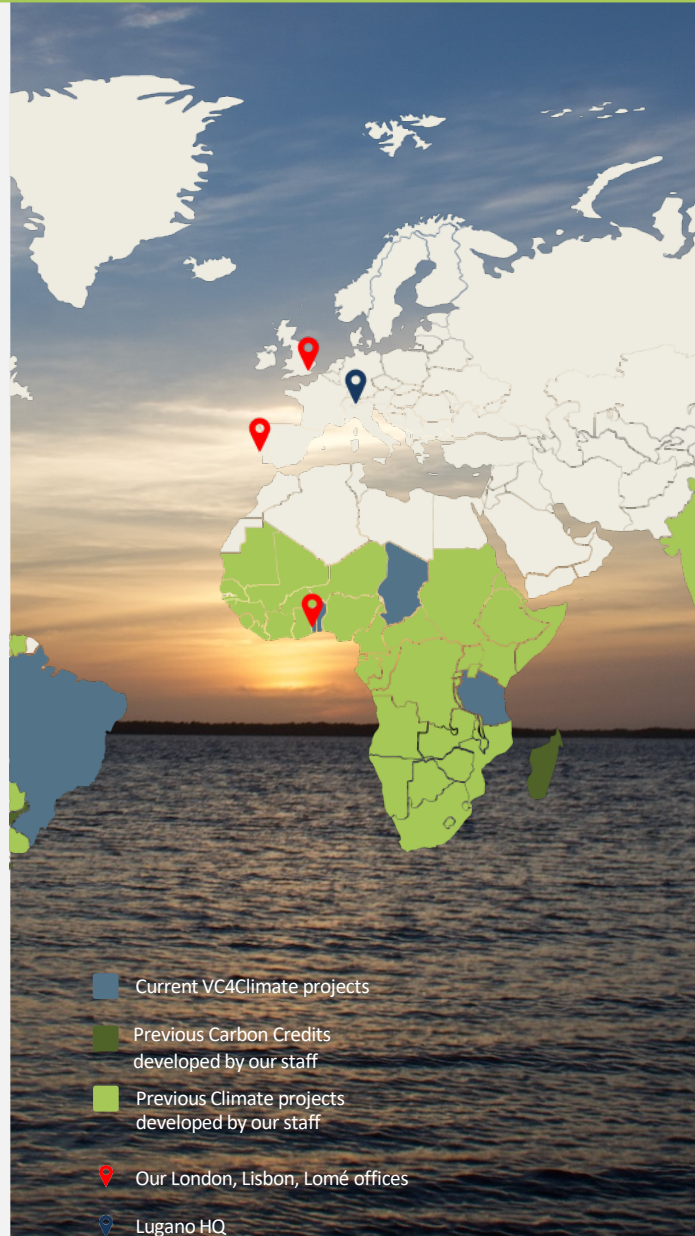
Years : 2023 - 2032

Standard:  **Gold Standard**  
for the **Global Goals**

Project Type: **COOKSTOVES**

Protection of local forest : 250,000ha

SDGs:



Why?

**3 BILLION**

people still cook with dangerous cookstoves. Wood-based cooking is still preferred to alternatives, both in rural and urban areas

**4 MILLION**

people die every year due to exposure to indoor air pollution

**34%**

of collected wood is not gathered in a sustainable way

**16,7 MILLION**

girls out of school in Sub-Saharan Africa doing domestic chores. Efficient cookstoves allow more time to study and require less time to collect wood

Overview

TOGO COOKSTOVES

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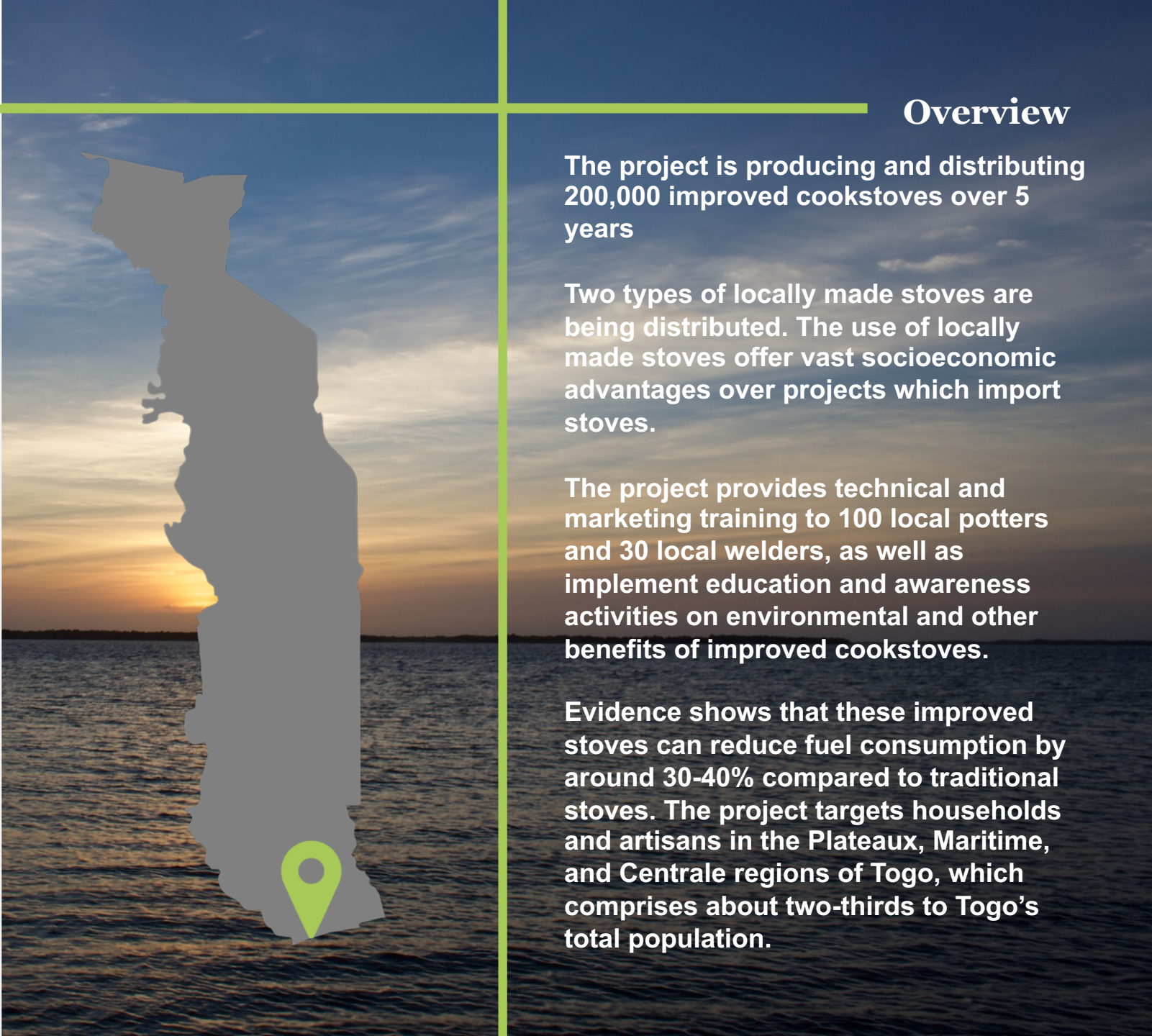
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The project is producing and distributing 200,000 improved cookstoves over 5 years

Two types of locally made stoves are being distributed. The use of locally made stoves offer vast socioeconomic advantages over projects which import stoves.

The project provides technical and marketing training to 100 local potters and 30 local welders, as well as implement education and awareness activities on environmental and other benefits of improved cookstoves.

Evidence shows that these improved stoves can reduce fuel consumption by around 30-40% compared to traditional stoves. The project targets households and artisans in the Plateaux, Maritime, and Centrale regions of Togo, which comprises about two-thirds to Togo's total population.

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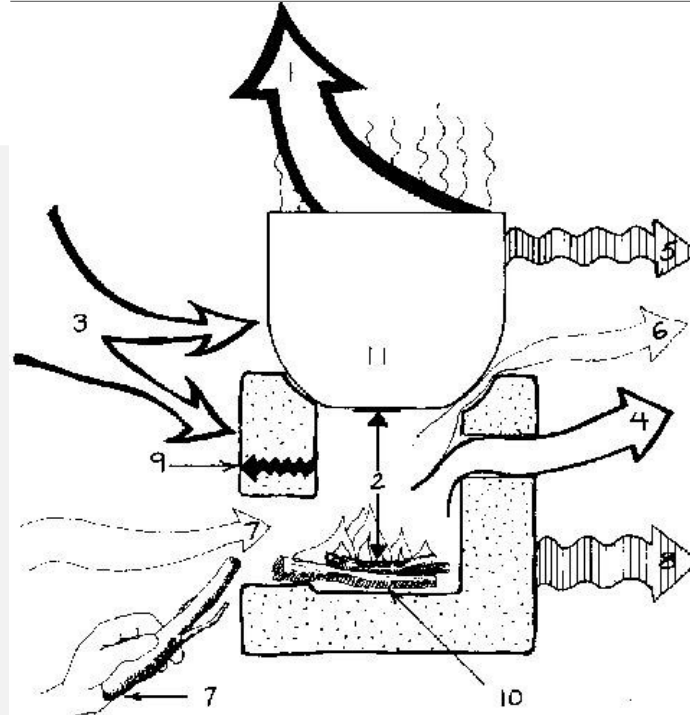
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## How it works

By raising the burning fuel, more air flows underneath, reaching the combustion chamber above.

This improves combustion efficiency. Also the combustion chamber is well insulated so less heat is wasted.

Moreover, including a simple chimney on an improved cookstove can improve combustion by increasing airflows while reducing indoor air pollution.

And it is an INNOVATIVE cookstove projects:

- Stove Sensors

Heat sensors will be installed on a random sample of cookstoves to make the monitoring process more effective.

- Stove Database

All the cookstoves will be registered and geotagged in a central database to streamline the certification process.

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## High Impact Project

### Climate

The project will protect 250,000 ha of local forest

### Biodiversity

Part of the profits are directed to a series of activities related to the conservation of Fazao-Malfakassa National Park

### Community

Increase life expectancy of users by 2 year

Boosting local income of 200,000 families by \$1,000 each over the period

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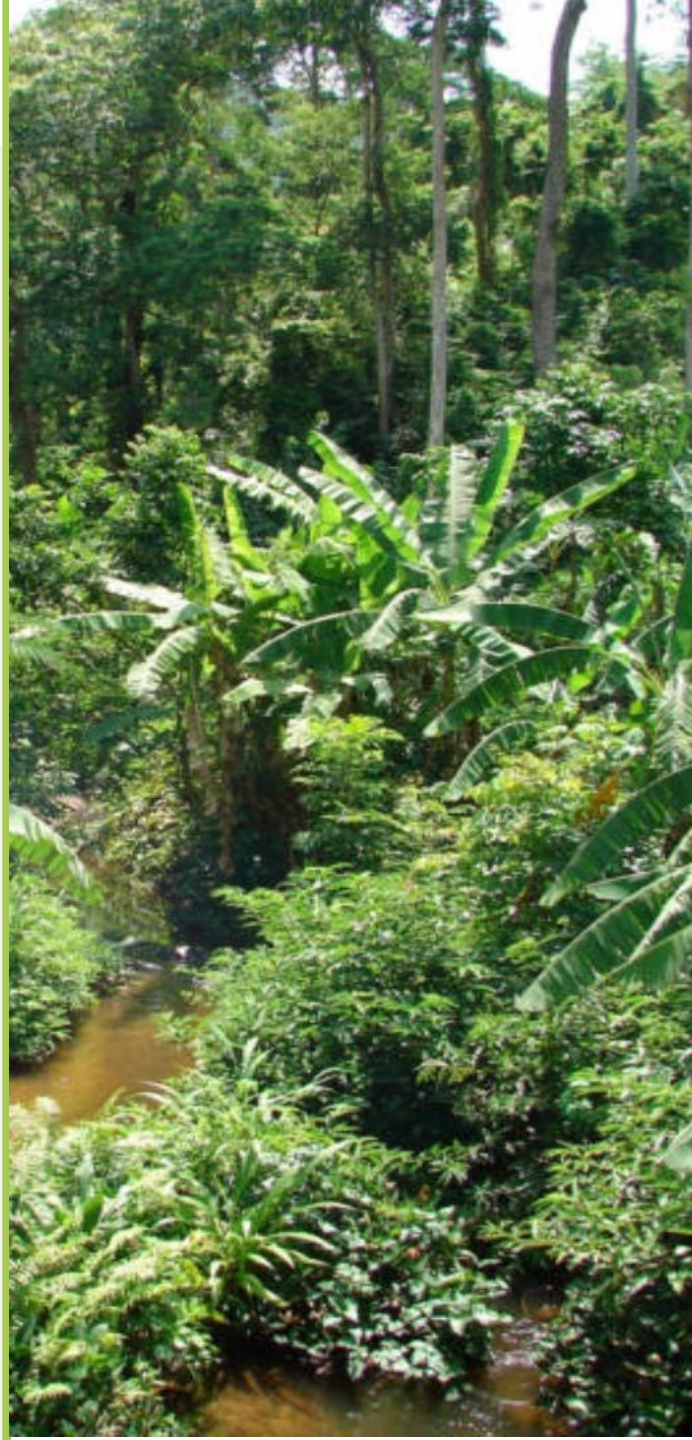
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## Climate & Innovation

**- 40% wood consumption**

1 cookstove saves 3 football pitches of forest per year

Each of our cookstoves protects an area of forest the size of 4 tennis courts per year



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## Biodiversity

The project contributes to biodiversity in Fazao-Malfakassa National Park that is home to the largest area of undisturbed vegetation in Togo.

The terrain is rugged and includes the Monts de Malfakassa to the north and the Monts du Fazao in the center with a steep cliff, the Falaise de Boulowou, along its western edge. It is the only national park with such characteristics in West Africa.

The park is home to the endangered West African Elephant (their number is estimated in Fazao-Malfakassa between 110 and 200), many species of antelope, as well carnivore as leopard, spotted hyena, serval, caracal, and occasionally lion and 244 species of birds.

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These improved stoves and kilns, especially those using wood, are stationary stoves built mainly from local materials.

They are manufactured locally in 2 different types. These two types of fireplaces should allow a saving of wood or charcoal of about 30-40% compared to traditional stoves, or about 6,500 FCFA per month.

To be accepted and easily integrated into the communities, they are built taking into account local culinary habits.

The income from the sale of carbon credits generated by the improved stoves will be used to recover the costs of the Project and to expand it.



## OUR EXPERIENCE OF COOKSTOVES PROJECTS

### WHY TO INVEST IN COOKSTOVES

HOLISTIC WAY TO HELP PEOPLE ,  
ENVIRONMENT AND CLIMATE

BOOSTING LOCAL DISPOSABLE  
INCOME

GENERATING HIGHLY DESIRABLE,  
TRADEABLE CARBON CREDITS

### OUR EXPERIENCE IN DEVELOPING COOKSTOVES PROJECTS

#### TOGO

SUPPORT PROGRAM FOR THE FIGHT  
OF CLIMATE CHANGE (PALCC)

- overall project value : €495.000
- origin of funding : EU Dev. Fund. (EDF)
- Started in 2020
- built and distributed 60,000 cookstove in 20 months
- Average cost per cookstove Eu 8

#### AFRICA4CLIMATE

SWISS INVESTMENT COMPANY

- overall project value : €950.000
- origin of funding : ownd funds
- Started in 2022
- building 200,000 cookstove in 5 years
- Average cost per cookstove Eu 9.8

#### HAITI

SUPPORT PROGRAM FOR THE  
FIGHT OF CLIMATE CHANGE (PALCC)

- overall project value :€250.918
- origin of funding : EDF
- Started 2018
- Through the projects, 30.000 cookstoves were built and distributed using using sugar cane pellets.



*Thank you*

**VC4Climate SA**  
Lugano (CH)

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