



16,537

SAVED EMISSIONS
TONS CO2 EQ /YEAR



Buenos Aires Renewable Energy Project

 Brazil

PROJECT-ID: 2290 FZ-ID: 2214

**FOKUS
ZUKUNFT**


Buenos Aires Renewable Energy Project

Use of wood from sustainable forestry to operate a ceramics factory

This project activity involves a red ceramic factory in the municipality of Buenos Aires, Pernambuco, in the northeast of Brazil: Buenos Aires Ceramic Factory. The ceramic factory produces ceramic bricks and tiles mainly for the regional market in Pernambuco. The fuel used for firing and drying the ceramic pieces in the baseline scenario was indigenous wood from logging in the Caatinga biome, as is common in the region. This type of wood is considered non-renewable biomass if it does not come from areas where reforestation measures or sustainable management measures are implemented.

The Caatinga is an exclusively Brazilian

biotope and occupies about 844,453 km², or about 11% of Brazil's national territory. Although rich in natural resources, the Caatinga is one of the most threatened ecosystems on earth. The Caatinga is a biotope that is highly prone to desertification, and deforestation increases this danger. As renewable biomass, the project uses algaroba wood, wood residues, eucalyptus and indigenous wood with sustainable management to feed the factory's kilns.

[For more information please click here.](#)

Overview of the project data:



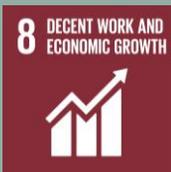
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The project contributes to the following sustainability goals:



Affordable and clean energy:

The contribution to SDG 7 is defined as the energy produced from renewable biomass. The full fuel switch from non-renewable biomass to renewable biomass took place on 01 January 2009.



Decent work and economic growth:

The project outcome related to SDG 8 is defined as the improvement in the number of health and safety trainings achieved during the monitoring period compared to the baseline scenario.



Climate action:

The project to switch to other fuels enables the ceramics company to save GHG emissions. In the last period from 2017 to 2019, this amounted to a total of 30,550 t CO₂e.