



GE Teobaldo's Contribution to Sustainable Development Goals

3 - GOOD HEALTH
AND WELL-BEING



7 - AFFORDABLE AND
CLEAN ENERGY



8 - DECENT WORK AND
ECONOMIC GROWTH



13 - CLIMATE
ACTION



Project Description

GE Teobaldo is a small company located in Paudalho municipality, Pernambuco State, producing flagstones and bricks which supply the local civil construction market. In order to reach the necessary temperatures to fire the ceramic pieces, the factory used to collect 5,600 m³/year of firewood from the surrounding **Caatinga biome**. GE Teobaldo implemented the present carbon credit project with the goals of reducing its environmental impact and modernizing technology. This enabled the factory to invest in equipment enabling the switch of native firewood for **renewable biomass** in 2009, thus reducing GHG emissions and generating carbon credits. Furthermore, the factory reinvests the income into **beneficial activities for its 60 employees and the wider community**.



Social Benefits

- **Social inclusion:** Hiring women.
- Social responsibility: Donations of funds and building material to local institutions and community members.
- Commitment to employees: Additional employee benefits
- Workers Education



Environmental Benefits

- **Reforestation:** Acquisition of a deforested area for a 60 hectare eucalyptus plantation, which will be used as a source of biomass in the future.
- Environmental Education: Environmental awareness raising lectures held and distribution of fruit trees to the workers.



Economic Benefits

- Investment in employees: Partnership with SENAI (National Industrial Apprenticeship Service) to provide courses and training for workers.
- Growth prospects: New kiln built and acquisition of new equipment to increase production.
- **Investment in infrastructure:** Patio paved and refectory built.



GE Teobaldo's Contribution to Sustainable Development Goals (SDG) by ONU

Project Highlight



INVESTMENT IN EDUCATION FOR WORKERS

The factory invests in its employees every day. In 2012, the company and SESI (Industry Social Services) put the EJA (Youth and Adult Education) Programme into action in the factory. This **promotes basic, quality education for workers**, with a possibility of extension to families and the wider community. The employee Divaldo says, *"They searched for workers who would like to learn and study, many wanted and I was one of them. The company is providing us with a great opportunity"*. According to the manager, Ana Carla, *"certain employees no longer need to sign a document with their finger, now they take pride in signing their payslips"*. Current plans include Mr Oliveira, the owner, building 15 dwellings for the employees in order to promote social equality.



SDG 3: Good health and well-being

- The ceramic offers Personal Protective Equipment (PPEs) and its rigid about the use of the PPEs.
- The factory has an internal commission for accident prevention (CIPA) and the mandatory program of safety at work.



SDG 7: Affordable and Clean Energy

- The factory uses Biomass as fuel to produce ceramic pieces instead of native wood
- High efficient Kilns in the production process



SDG 8: Decent Work and Economic Growth

- Improvement of working conditions for the employees and the strong health and safety practices in the factories



SDG 13: Climate Action

- By changing the fuel from native wood to biomass the ceramic became a Carbon Neutral Project
- Protection against deforestation of Caatinga Biome



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THIS PROJECT
ALREADY SAVED
26 HECTARES
OF CAATINGA BIOME

THIS PROJECT WILL AVOID
THE EMISSION OF
55.030 tCO₂e
ON THE COURSE
OF 10 YEARS

Location

Paudalho / PE, Brasil

Project Type

Renewable Biomass

Ecosystem

Caatinga

Project Status

Verified
(2rd Monitoring period)

DOE

Bureau Veritas

[Video](#)

[Registry](#)

[Markit™ Environmental](#)

Standards

VCS + SOCIALCARBON®

