



## Reunidas' 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

Reunidas is a family company which produces various ceramic products in the state of Tocantins, Brazil. In order to fuel its kilns and produce 5 million items per year, the factory used to extract 12,000 m<sup>3</sup>/year of native firewood from the surrounding Cerrado biome. Reunidas implemented the carbon credit project in 2007 with the goal of reducing its environmental impacts while modernizing technology. The project allowed the company to cease collecting Cerrado firewood in favour of using renewable biomass as fuel, such as **rice husks**. Apart from creating GHG reductions, the project promotes investment in improving work conditions and **benefits for the community** due to the income from carbon credit sales.



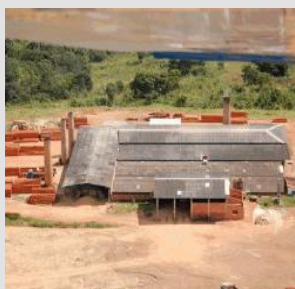
### Social Benefits

- Social responsibility: Funding and building material donated to various local institutions.
- **Social inclusion:** Job opportunities created for women, illiterate people, and ex-convicts.
- Leisure: Football ground made available to employees.



### Environmental Benefits

- Reforestation: Eucalyptus trees planted in a 6 hectare area for future use as renewable biomass.
- **Waste management:** Rubbish separation and re-use of waste products, such as ashes, which are donated to regional farmers.
- **100% industrial waste used as fuel:** Use of rice husks as fuel for the ceramic kilns.
- Partnership with SEBRAE for training courses for environmental management practices and how to minimize environmental impacts



### Economic Benefits

- **Management modernization:** Participation in the "Supplier Development" program aiming to add value to ceramic pieces.
- Renovation of facilities: Security grating installed on machinery and new bathrooms and cloakrooms built to improve workers' wellbeing and safety conditions.



## Reunidas' Contribution to Sustainable Development Goals (SDG) by ONU

### Project Highlight:



#### QUALITY IN THE WORKPLACE

Since 2010, Reunidas ceramic factory has held an annual "Health Week", during which various lectures and training events for the employees are held. This event is part of the **program for prevention of accidents and diseases in the workplace**, aiming to orientate and raise employee awareness about health and safety in a light and fun way. According to the factory owner, Mr Silva, "*The initiative is already generating positive results, I am seeing higher levels of employee motivation and less accidents at work. It is no longer a battle to make employees use personal protective equipment, there is much greater adherence to the rules*". Given the success of the program, the owner plans to invest in a work gymnastics program for the employees, with the goal of improving health and avoiding repetitive strain injuries, as well as certain work-related diseases.

### 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 of safety at work.
- The ceramic has a specialized professional in health and safety practices at work, who is responsible for giving lectures to employees.
- Collective protection equipment was installed in the factory, such as grids for pulleys, belts and guardrails.

### 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 Gomes de Mattos ceramic became a Carbon Neutral Project
- Protection against deforestation of Caatinga Biome



## Reunidas' Contribution to Sustainable Development Goals (SDG) by ONU

THIS PROJECT WILL AVOID THE EMISSION OF

**96.540 tCO<sub>2</sub>e**

ON THE COURSE OF 10 YEARS

### Location

Cristalândia/ TO, Brasil

### Project Type

Renewable Biomass

### Ecosystem

Cerrado

### Project Status

Verified  
(3rd Monitoring period)

### DOE

Carbon Check (Pty)

### Registry

[Markit™ Enviromental](#)

### Standards

VCS + SOCIALCARBON®

