

Milenium'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



15 - LIFE ON LAND



Project Description

Milenium is a family company which produces bricks and tiles in the interior of Tocantins state. The Ceramic factory employs around 90 people to produce a million pieces per month. In order to do this, the factory used to remove 30,000 m³/year of firewood to be burnt as fuel in its ovens. With the goal of reducing its environmental impact and modernize its technology, in 2007, Milenium factory implemented a carbon project. In this way, the factory stopped using native wood and began to supply its ovens renewable biomass. Today, the company uses **sawdust, rice husks and elephant grass** to produce the pieces. The project, aside from reducing GHG, enables investment in improving work conditions and **generating benefits for the community**, based on the extra income based on sales of carbon credits.



Social Benefits

- **Social inclusion:** Creation of job opportunities for women and disabled people.
- **Social Responsibility:** Financial resources and building material donated to local institutions and community members.
- **Workers' wellbeing:** Weekly sessions with psychologists for employees, also extending to families.



Environmental Benefits

- **Reforestation:** Planting 500 thousand eucalyptus seeds.
- **Sustainability initiatives:** Collection of rainwater and reuse of residues from the production process.
- **Environmental awareness:** Promotion of an environment event in the Presbyterian School in Paraíso do Tocantins city.



Economic Benefits

- **Technological advances:** Semi automation of the production.
- **Refurbishment of facilities:** Construction of bathrooms, installation of ventilation and gratings to improve wellbeing and safety conditions for the workers.
- **Infrastructure investment:** **Construction of lecture hall** to hold courses and training for the workers.

Milenium´s Contribution to Sustainable Development Goals (SDG) by ONU

Project Highlight:



INTELLIGENT FOOTBALL

It all started in 2008 when the factory owner, Mr Milhomen, noticed the interest young girls in the community had in forming a football team to play professionally. In partnership with a local team, Paraíso Esporte Clube, the company invested in and organised a female football organisation, providing an **opportunity to practice the sport**. In order to sign up to the team, players must prove that they are enrolled and are performing well at education institutions. Andressa dos Santos, a striker for the team, says that *“football gave me the stability I needed to carry on with my studies. Through sport I gained the incentive to go to university and it changed everything in my life”*. Seeing the success of the female team which today takes part in a number of championships, including the Copa Brasil, Mr Milhomen founded his own football team in 2010 “Cerâmica Milenium Esporte Clube”, consisting exclusively of factory workers.



SDG 3: Good health and well-being

- The ceramic offers Personal Protective Equipment (PPEs) and its rigid about the use of the PPEs and accomplishes all mandatory programs.
- The factory has a safety engineer that comes in determined dates to ensure the good practices in the company.



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
- Capacity building programs for employees



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 Cerrado Biome



SDG 15: Life on Land

- Reforestation project with 500,000 eucalyptus trees in the Ceramic owner property.

Contribuição do Projeto Milenium para os Objetivos de Desenvolvimento Sustentável (ODS), da ONU

THIS PROJECT WILL AVOID THE EMISSION OF

233.710 tCO₂e

ON THE COURSE OF 10 YEARS

Location

Paraíso do Tocantins / PE, Brasil

Project Type

Renewable Biomass

Ecosystem

Cerrado

Project Status

Verified
(2rd monitoring period)

DOE

TÜV NORD

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