

DORI BIOMASS BRAZIL

**Replacing shale oil with renewable
biomass from waste products**



In the past the Dori food company powered its food processing plant using shale oil, a fuel type which is particularly destructive to the environment. Through this project the shale oil fueled boilers have been replaced with renewable biomass including peanut shells.



Located in Marilla, Sao Paulo this factory manufactures and processes a range of candy, chocolates and nut products for both domestic and international markets.

Through a determined effort and financial support made possible from a carbon credit program, Dori was able to replace their fossil fueled boilers with a system which uses a range of biomass to generate energy.

The biomass used includes wood waste and also peanut shells, which were formerly seen as refuse from the manufacturing process and would likely be dumped.

Aside from reducing emissions this project has also been a key contributor to the local community including benefits such as; new jobs, housing, health outcomes and reforestation of native plants.

Furthermore, all of Dori's wastewater is now treated and reused for irrigation on plantations.

8 DECENT WORK AND ECONOMIC GROWTH

10

New jobs created

11 SUSTAINABLE CITIES AND COMMUNITIES


COMMUNITIES

Housing provided for 20 workers

13 CLIMATE ACTION

25,000

Native plants established

15 LIFE ON LAND

20,391

tCO₂e mitigated each year

PROJECT HIGHLIGHTS

For more information on the UN Sustainable Development Goals please visit: <http://www.un.org/sustainabledevelopment/sustainable-development-goals/>