



51,956

SAVED EMISSIONS
TONS CO2 EQ /YEAR



Horcones biomass power plant expansion project

 Chile

PROJECT-ID: 4052 FZ-ID: 2174

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Horcones biomass power plant expansion project

Use of residual materials from the wood industry to generate electricity

The project activity consists of the expansion of the electricity generation capacity of the Horcones biomass power plant, located in the Horcones complex. This expansion will take place through the installation of a new cogeneration unit consisting of a 250 tonne per hour biomass fluidised bed boiler and a 31 MW turbogenerator.

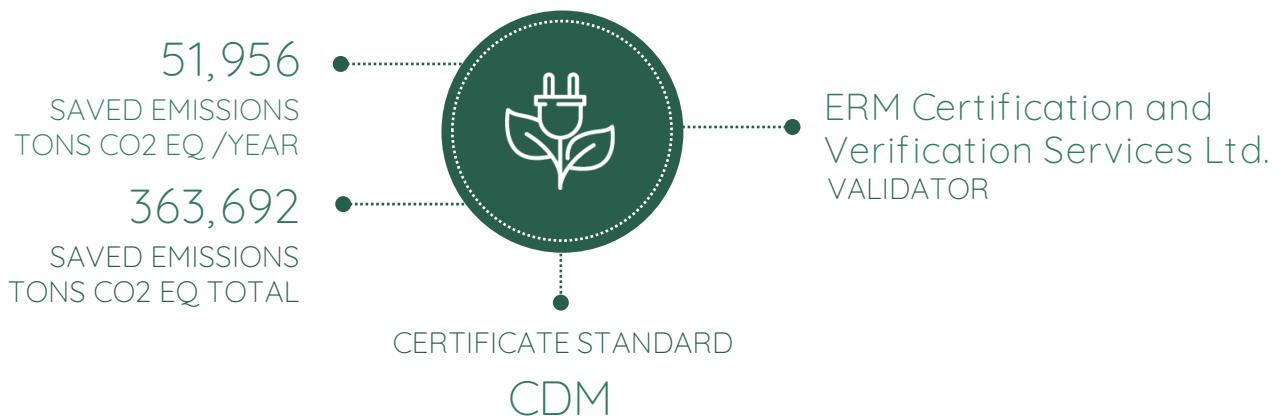
The project activity aims to use biomass from industry (sawdust and bark from sawmills) and biomass from forestry (from harvesting, thinning and pruning operations) to generate electricity.

Without the project activity, this biomass would be burned uncontrollably in the

open or left to decay naturally in piles.

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

Overview of the project data:



Horcones biomass power plant expansion project

The project contributes to the following sustainability goals:



Affordable and clean energy:

Through the efficient use of existing natural resources, the Horcones project is helping to drive the development of renewable electricity generation in Chile, particularly the use of biomass residues, which are a by-product of forestry and have significant potential in Chile.



Industry, innovation and infrastructure:

The project activity is a good example of how biomass power generation can be a source of revenue not only for the sawmill and panel industry, but for all forest-based industries.



Climate action:

This project brings additional benefits in terms of reducing greenhouse gas emissions, as fewer biomass residues are disposed of or burned uncontrollably, resulting in lower methane emissions.