

Greenhouse Gas Emissions



GRI DESCRIPTION

Total direct and indirect Greenhouse Gas Emissions by weight. Chow:Hill measures direct emissions only.

CHOW:HILL METRIC

Measure using the carbon calculator from Catalyst.

TARGET

Was not met.

COMMENTARY

A reduction or increase in CO₂ emissions is a significant measure of environmental impact and our response to our small part in influencing climate change.

PERFORMANCE

Our full results for this year and trends over the past nine years are published in our *CO₂ Footprint* page in this report.

Our summary results for this year are:

A total of 125.50 tonnes of CO₂ compared with 116.07 the previous year, an increase of 8.28%, against a target to hold our emissions to 100 tonnes.

Figures for each studio were:

- Auckland 65.10 tonnes
- Hamilton 50.97 tonnes.
- Electricity decreased 27.5%, fuel use increased by 6% and air travel increased by 165.5%.
- Air travel contributed 50.5% of our total CO₂ emissions.
- Last year it was 45.7% of our total; the year before 23.87%.

We note that whilst CO₂ emissions increased by 8.28%, staff numbers grew by 7.7% and the total emissions per staff member has increased only marginally.

In terms of road transportation:

Vehicle consumption – Auckland and Hamilton studios combined CO₂ component was 33.73 tonnes CO₂, last year 34.83 tonnes.

IMPACT

The main outcome is an increased environmental impact – around 10 tonnes more than our 112-116 tonnes per annum range during the 2014-2016, 2018 period.

TARGET 2019-2020

Reducing our emissions back to the 114-116 tonnes range is a good starting target. Achieving this depends on reducing air travel as much as practicable.