

Sustainability & Carbonzero

Myself, and many of our team members, have young families and we would all like to do our part in ensuring that the next generation have an equal opportunity to enjoy the world's beautiful environment.

Therefore, at Dobbie we are proud to become Toitū carbonzero certified. The Toitū certification programme shows that we are in line with international best practice in reducing Dobbie's greenhouse gas (GHG) emissions. We are continually working on ways to manage, mitigate and offset and our carbon emissions.

For us, being sustainable means not only ensuring that how we work is sustainable, it also means ensuring that sustainability is one of our core values and is instituted in all of our projects. Some of our recent carbon reducing projects that we would like to highlight are:

- We led the integration, design and commissioning of the largest electrode boiler in the southern hemisphere for Open Country Dairy. This resulted in 9,000 CO₂e emissions reduction.
- We are the Lead Engineers for Danone's Biomass Boiler project at the Balclutha plant. The boiler will reduce Danone's CO₂ emissions by 20,000 tonnes per annum and will result in the site becoming carbon neutral.
- Partnered with Open Country Dairy to convert two of their Waharoa site coal boilers to biomass boilers. This will result in a reduction of 800,000 tonnes of CO₂e emissions over the remaining life of the plant.
- Engineering partner with Affco to deliver four coal boiler replacement projects, including a biogas boiler using methane produced from their effluent plant, heat pumps to produce hot water and pellet boilers to produce steam. These projects will result in a reduction of 398,000 tonnes of CO₂e emissions over the remaining life of the plant.
- Design of the geothermal supply and geothermal systems for Contact Energy and Natures Flame for the wood pellet manufacturing plant in Taupo; with the pellets being dried with renewable energy. This will result in up to 1,600 terajoules of energy that may otherwise have been produced using fossil fuels - the net result will be a substantial decrease in carbon emissions.

Last year, instead of sending standard Christmas gifts to our clients, we planted native trees on their behalf with Trees That Count. By 2023 we have committed to making all of our company vehicles more sustainable (i.e. some form of hybrid or electric). Even before Covid, we invested in business technology to reduce the need for business travel between our offices and to our clients.



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