

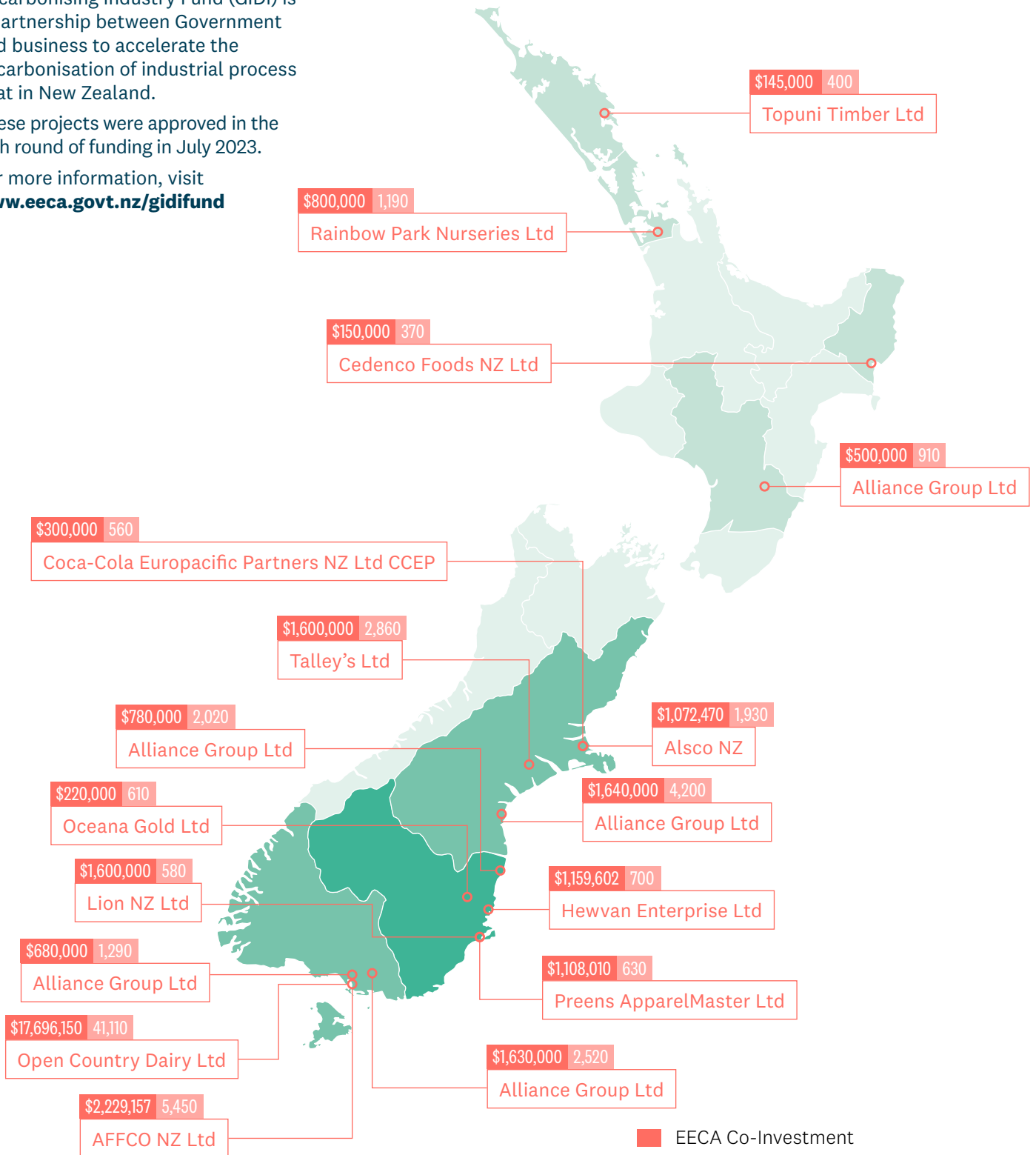
# The GIDI Fund

## Round Five Projects: July 2023

The Government Investment in Decarbonising Industry Fund (GIDI) is a partnership between Government and business to accelerate the decarbonisation of industrial process heat in New Zealand.

These projects were approved in the fifth round of funding in July 2023.

For more information, visit [www.eeca.govt.nz/gidifund](http://www.eeca.govt.nz/gidifund)



■ EECA Co-Investment  
■ Annual Carbon Abatement (tonnes)

Note: Emissions data based on applicants' submissions



of process heat is fossil-fuelled, mainly by gas and coal.

A total of  
**67,300**  
TONNES

Annual carbon abatement

Annual carbon savings of round 5 projects equivalent to taking

**24,925**

cars off the road

Recipient	Recipient Description	Project or Site Location	Project Title	Project Benefit	Approved GDI Co-funding	Estimated Annual Carbon Abatement (tonnes)
<b>Topuni Timber Ltd</b>	Topuni Timber is a Northland Sawmill producing treated wood products for Horticulture, Agriculture, Landscaping and Building Foundations.	Whangarei, Northland	Topuni Timber Electrification	Electrification from an onsite diesel generator to grid electricity and installation of electric motors.	\$145,000.00	400
<b>Hewvan Enterprise Ltd</b>	Hewvan Timber is a relatively small sawmilling and drying operation in Palmerston, East Otago	Palmerston, Otago	Decarbonisation of a timber drying kiln using wood residues	Coal boiler replacement to biomass boiler.	\$1,159,602.00	700
<b>Alliance Group Limited</b>	Alliance is a large farmer-owned co-operative meat processing and exporting company operating five plants in the South Island and two in the North Island.	Mataura, Southland	Mataura Electrification, Decarbonisation and Energy Efficiency Project	Replace the existing coal fired boiler with an electric steam boiler and an electric hot water boiler, as well as upgrade the hot water reticulation, this will: - Eliminate fossil fuel use, for process heat, at the site - Create energy efficiencies for the site's supply of hot water and steam	\$1,630,000.00	2,520
<b>Rainbow Park Nurseries Ltd</b>	Rainbow Park Nurseries is home to one of the country's most technologically advanced nurseries. A team of around 70 professional horticulturalists work around the clock to monitor and care for the plants. The company is a family business founded in 1975 and now supplies over 1.5 million plants to retailers across the country from a 15-hectare nursery in Ramarama.	Drury, Auckland	Rainbow Park Nurseries Ltd - Heat pump heating solution	Technology to generate heating from electricity instead of natural gas.	\$800,000.00	1,190
<b>Alliance Group Limited</b>	Alliance is a large farmer-owned co-operative meat processing and exporting company operating five plants in the South Island and two in the North Island.	Dannevirke, Manawatū-Whanganui	Dannevirke Heat Pump, Decarbonisation and Energy Efficiency Project	Install a high temperature heat pump, utilising existing refrigeration waste heat to produce most of the site's hot water needs. - Reduces the use of natural gas by the site - Energy efficient use of refrigeration waste heat	\$500,000.00	910
<b>Alliance Group Limited</b>	Alliance is a large farmer-owned co-operative meat processing and exporting company operating five plants in the South Island and two in the North Island.	Timaru, Canterbury	Smithfield Heat Pump, Heat Recovery Expansion, Decarbonisation and Energy Efficiency Project	Install high temperature heat pumps, utilising existing refrigeration waste heat, to produce most of the site's hot water needs. - Reduces the use of coal by the site - Energy efficient use of refrigeration waste heat	\$1,640,000.00	4,200
<b>Oceana Gold (New Zealand) Limited</b>	OceanaGold mines gold in New Zealand, the Philippines, and the USA, with its largest gold-producing mine being Macraes in New Zealand, consisting of a surface and underground mine with a processing plant.	Macraes Flat, Otago	Replacement of two LPG barring furnaces with an electric barring furnace at Macraes gold mine.	Reduce carbon emissions from the Site through the replacement of two LPG barring furnaces with an electric barring furnace. Install a cascade pouring mould system to increase greater energy efficiency.	\$220,000.00	610
<b>Alsco NZ</b>	Alsco is a global pioneer of managed textile and hygiene services. Operating in NZ since 1910, and serving over 24,000 NZ businesses, their fully managed offering includes uniforms and workwear, commercial linen supply, and hygiene-related consumables and services.	Christchurch, Canterbury	Alsco Christchurch Process Heat Decarbonisation Project	Replace existing 4.8 MW coal boiler with a 3 MW biomass boiler using wood pellets as fuel.	\$1,072,470.00	1,930
<b>Alliance Group Limited</b>	Alliance is a large farmer-owned co-operative meat processing and exporting company operating five plants in the South Island and two in the North Island.	Pukeuri, Otago	Pukeuri Hot Water Network Upgrade and Energy Efficiency Project	Hot water network upgrade to optimise and shift a portion of water heating away from the coal boiler and on to the heat pump and heat recovery systems. - Reduces the use of coal by the site - More energy efficient way of heating water for the site	\$780,000.00	2,020

Recipient	Recipient Description	Project or Site Location	Project Title	Project Benefit	Approved GIDI Co-funding	Estimated Annual Carbon Abatement (tonnes)
<b>Preens ApparelMaster Limited (Image Services Limited)</b>	Preens is a 3rd generation family owned drycleaning and commercial laundry, specialising in workwear and workplace rental textiles across Otago and Gore. The brand Preens recently celebrated 100 years serving our community.	Dunedin, Otago	High Temperature Heat Pumps and Electric Boiler - Dunedin Based	At our Dunedin plant, we will replace our existing diesel fired boilers with high temperature heat pumps for all hot water requirements, and an electric boiler for process steam.	\$1,108,010.00	630
<b>AFFCO New Zealand Limited</b>	AFFCO supplies quality meat products locally and globally. AFFCO is 100% New Zealand owned with processing facilities across New Zealand.	Awarua, Southland	SPM Awarua Electric Boiler, Decarbonisation and Energy Efficiency Project.	Replace a coal boiler with a high voltage electric boiler and reduce energy demand for the site using heat recovery from the new engine room. - Eliminates coal use for the site - Creates more energy efficiency for the site through heat recovery	\$2,229,157.00	5,450
<b>Alliance Group Limited</b>	Alliance is a large farmer-owned co-operative meat processing and exporting company operating five plants in the South Island and two in the North Island.	Invercargill, Southland	Lorneville Hot Water Reticulation Upgrade and Energy Efficiency Project.	Optimise the hot water reticulation for the site, maximising the heat provided by heat pumps. - Reduces coal use by the site - Creates more energy efficiency for the site	\$680,000.00	1,290
<b>Talley's Limited</b>	Talley's Vegetables Division processes a wide range including the freshest peas, beans, spinach, sweetcorn, carrots, and potatoes. Talley's Vegetables Division is part of the Talley's Group of companies and employs over 400 people across 2 plants in New Zealand.	Ashburton, Canterbury	Fryer and Peeler Heat Recovery Units and Energy Efficiency Project.	Install heat recovery units on the fryer, dryer and steam peelers at the site. - Reduces coal use by the site - Creates energy efficiency for the site, through heat recovery	\$1,600,000.00	2,860
<b>Coca-Cola Europacific Partners New Zealand Limited CCEP NZ)</b>	Coca-Cola Europacific Partners NZ is one of the largest manufacturers and distributors of ready-to-drink beverages in the country, including non-alcohol and alcohol beverages, energy drinks and coffee	Christchurch, Canterbury	CCEP Christchurch Decarbonisation Pathway	This funding will enable CCEP Christchurch to move away from LPG use altogether, putting in an electric boiler. replacing LPG forklifts, and implementing charging infrastructure for these	\$300,000.00	560
<b>Lion NZ Limited</b>	Lion New Zealand is New Zealand's leading alcohol beverage company, headquartered in Auckland with breweries located across Aotearoa. Lion is proud to be New Zealand's first large-scale Toitū certified Carbon Zero beverages company and a member of the Climate Leaders Coalition. With its origins dating back more than 180 years, Lion is known for its commitment to quality, craftsmanship, community and sustainability.	Dunedin, Otago	Speights Brewery Boiler Electrification	Decarbonise process heating at Speights by adding a 3MW electric duty boiler.	\$1,600,000.00	580
<b>Cedenco Foods NZ Ltd</b>	Cedenco Foods is a prominent ingredients company in New Zealand that specialises in processing fruit and vegetable products, including powders, pastes, and frozen goods. Cedenco operates two major facilities, one in Gisborne and another in Hastings.	Gisborne	Recovery of Flash Steam in the Low-Pressure Dryers	Energy Efficiency - Recovery of Flash Steam in the Low-Pressure Dryers to reduce gas use.	\$150,000.00	370
<b>Open Country Dairy Limited</b>	Open Country is New Zealand's largest independent dairy product manufacturer. The company's primary products are Whole Milk Powder, Skim Milk Powder, Whey Protein Concentrate, Anhydrous Milk Fat and Cheese. Open Country has demonstrated its ongoing commitment to decarbonisation through the coal to wood pellet boiler conversions in Waharoa and 13 MW Electrode Boiler installation in Awarua.	Awarua, Southland	High Pressure Electrode Boiler and High Temperature Heat Pumps, Site Electrification and Decarbonisation Project.	Installation of a large high pressure electrode boiler and 3 high temperature heat pumps. - Significantly reduces coal use by the site.	\$17,696,150.00	41,110