

Where can I recycle materials from a project?

To recycle building materials from your building project, find a C&D waste recycler close to your project.

For the Rotorua area, try:

- **MPL** - 60 Te Ngae Road.
- **Building Recycling Centre** - 99 View Road
- **Transpacific** - 6 Hamiora Place
- **Macaulay Metals** - 73 Old Taupo Road
- **Franklyn Scrap Metals** - 50 View Road
- **Landfill Recycling Centre** - Atiamuri Highway

These are just some of the businesses available.

If you cannot find a recycler in your area, please contact Council to find out where the closest recycling facilities are to you.

What are the standards for recycled materials?

A range of standards are being developed for recycled materials. These standards outline the quality necessary for materials to be acceptable for certain purposes.

Recycled Crushed Concrete - The Aggregate Quarry Association has developed a standard for recycled crushed concrete. This is available on their website for use.

NZTA has also made an amendment to the M/04 Standard for Base Course Aggregate. It now has specifications developed for using recycled crushed concrete in the M/04 standard.



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Private Bag 3029
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07 348 4199

Construction & Demolition Waste

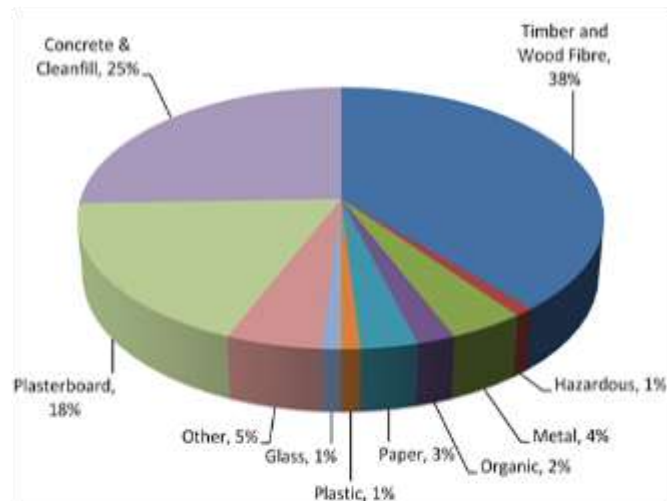


Construction and demolition waste

Material from construction and demolition (C&D) activities is a large source of waste in New Zealand, yet is often overlooked when people think of waste.

C&D waste makes up an estimated 50 percent of all waste generated in New Zealand, 20 percent of all waste going to landfill and 80 percent of all waste going to clean-fill.

C&D waste is a complex waste stream, made up of a wide variety of materials including concrete, plasterboard, wood, steel, brick and glass. Much C&D waste can be reduced, re-used and recovered, dramatically reducing the amount thrown away.



The Report (Patterson, 1997) found 50-55% of C&D waste can be recovered. 20% from resale of valuable goods, 80% came from reduced disposal costs.

The Ministry for the Environment is currently working on a number of programmes to reduce the amount of C&D waste being produced. The Ministry has developed a range of practical tools for people looking to reduce waste, and save money in disposal costs.

What is the REBRI project?

The Resource Efficiency in Building and Related Industries (REBRI) project was set up to reduce Construction and Demolition (C & D) waste by improving resource efficiency. Resource efficiency means using materials, time, money, and energy more efficiently.

The REBRI project produced a range of guidelines. The guidelines were designed as a practical tool for use during construction and demolition projects – for architects and engineers to builders and recyclers.

How can I reduce my C&D waste?

Look through the REBRI Guidelines (www.branz.co.nz) and read the ones that apply to you. Also check out the following subsections on the REBRI website:

- How can a DIY or small builder reduce their waste?
- How can a medium to large builder reduce their waste?
- What can be done in the design and planning phase?
- What can recycling businesses do?

How does C&D waste link with Sustainable Building?

Sustainable buildings are better financially, better for people, and better for the environment. Through sustainable design and operation of buildings, many significant economic and environmental outcomes can be improved.

These can include savings in energy, water and materials use, reduction in generation of waste and wastewater, and more sustainable travel patterns of the occupants.

What can be done in the design and planning phase?

The greatest reductions in C&D waste are made at the design and planning stage. Often this simply involves a bit of extra thinking and planning.

The REBRI guidelines have a specific section that looks at the design and planning stage. Suggestions include designing for deconstruction, building material selection, designing and implementing a waste management plan, and contract specifications.

How can a DIY builder or an independent builder reduce their waste?

The REBRI guidelines provide practical assistance at a site level. There are short 'easy-guides' that can assist you to reduce waste, no matter how small your project.

There is even a specific easy guide on home renovation. Have a look through the guides and decide which ones are most appropriate for your individual project.

What can recycling businesses do?

The REBRI guidelines have a number of guides that look at recovering specific waste materials. Some of these are simple 'easy-guides'; others are more detailed guides, looking at all aspects of resource recovery.

The guides cover the recovery of concrete, metal, plasterboard and wood. The guides also look at the collection, transport, on-site/off-site processing, sorting and storage of such materials.