

Closing the Loop - Fact Sheet



Kimbriki Resource Recovery Centre

What does 'closing the loop' mean?

'Closing the loop' refers to the continuous lifecycle of a product from production, consumption, recycling and ultimately returning to production. Examples of closing the loop include the use of recycled materials instead of raw materials during the manufacture of new products or the recycling of food waste into composts which are then used to help in agriculture and food production.

Closing the loop provides significant environmental benefits over the use of virgin materials. These include reduced energy consumption, reduced greenhouse gas emissions resulting from natural resource extraction and transportation of raw materials, and reduced waste to landfill.

What is Kimbriki doing to close the loop?

At Kimbriki, we are closing the recycling loop by making second-hand materials available for purchase and by producing recycled products.

Local residents, contractors and businesses can help close the loop at three main areas at Kimbriki:

- Vegetation and wood waste recycling – operated by Australian Native Landscapes;
- Construction and demolition waste recycling – operated by Concrete Recyclers;
- Kimbriki's Buy Back Centre and Timberyard

Kimbriki's vegetation and wood waste recycling facility is currently operated by Australian Native Landscapes. The facility receives approximately 65,000 tonnes of vegetation and wood waste per annum from Council collections, residents and commercial customers. This material is used to produce a variety of mulches, composts and soils on-site which are available for purchase. Since establishment in 1992, the vegetation recycling operation at Kimbriki has diverted over 1 million tonnes from landfill.

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Kimbriki's construction and demolition waste recycling facility is currently operated by Concrete Recyclers. The facility receives approximately 60,000 tonnes of material per year including waste concrete, asphalt, brick and roof tiles. The recovered materials are used to produce a range of recycled road bases, aggregates, and sand which are available for purchase.

Since establishment in 1994, this operation has diverted more than 1 million tonnes of building and demolition waste from landfill.

Kimbriki also operates a Buy Back Centre and Timberyard where quality building materials, furniture and second-hand timber, salvaged from landfill by Kimbriki staff, are available for purchase.

What can I do to help?

- Buy second hand materials and products made from recycled materials wherever possible;
- Buy locally grown foods, especially if they are organically grown in a sustainable manner;
- Buy products with the least amount of packaging, or with packaging that is primarily made from recycled materials.

For more information about recycled products available at Kimbriki visit our website www.kimbirki.com