



# CARBON REDUCTION INSTITUTE CASE STUDY: ECO BIN



## Eco Bin - the new office Recycling System

Eco Bin supplies colour coded office and business recycling bins to institutional and business customers across Australia. Contamination is the single most important issue hindering effective waste management, and Eco Bin is designed to take the confusion out of recycling with its foolproof colour-coding and has a proven track record in improving recycling rates for businesses, therefore cutting business waste bills by eliminating landfill.

### Sustainability Benefits

Eco Bins has some specific design features that mean it has significant sustainability benefits over traditional solid injection moulded plastic bins. These features include:



- A light weight plastic, that has less density, and therefore requires 75% less raw materials to produce.
- It also requires over 50% less energy to manufacture.
- Most Eco Bins are flat packed, which means there are transport emissions savings.
- It's recyclable at the end of life
- It takes very little water to produce and is chemical free in the recycling process
- The colour coding system is highly effective at minimizing contamination and diverting waste from landfill.

Eco Bin conducted a comparative LCA for their products against an injection moulded product, to verify these benefits.

### What Is A Life Cycle Analysis?

An LCA allows a company to quantify the greenhouse gas impact of any product it manufactures and sells, allowing it to identify and implement emissions reduction strategies along its value chain.



**Reduce your waste emissions today - choose Eco Bin!**



### Ecobin - a Carbon Neutral Product

Companies that have undertaken an LCA and purchase carbon offsets to offset a product's emission impact can certify the products as carbon neutral and display the Certified Carbon Neutral product logo, just as Ecobin has done. Ecobin customers can now be reassured that purchasing their products has a net zero impact on climate change!