

ECOBIZ CASE STUDY MANUFACTURING B&C PLASTICS



With over 60 years combined experience, B&C Plastics push the boundaries of discovery as plastics manufacturers: designing, prototyping and manufacturing plastic moulds and plastic components.

CIRCULAR SUCCESS

B&C Plastics are stepping up not just to reduce overall plastic waste, but to make use of waste plastic that already exists. Using recyclable plastic for long-term plastic products like injection moulds avoids using virgin resources, and helps clean up the environment.

B&C Plastics reuse 50 tonnes of recycled materials in customer products each year, including Five Ocean's ecoFin, the first surfboard fin made from post-consumer waste from Indonesia.

CONTINUOUS IMPROVEMENT

To demonstrate their commitment to sustainability, B&C Plastics have implemented:

- Power factor correction, which reduces demand through more efficient power utilisation.
- Purchasing packaging containing recycled content, and reusing it multiple times. Pallets are on-sold.
- Replaced water-cooled cooling towers with air-cooled.
- Collect and recycle hydraulic oil.
- Office lighting has been retrofitted to T5 fluorescent lighting.
- Regular servicing of air compressors and injection moulding machines keeps them running efficiently.
- Using 20% recycled content of polypropylene products they have produced 50 tonnes of product.
- Tools are reused and recycled where possible.
- Start up and shut down procedures are in place to ensure all machines are turned off at the end of the day, and only started when needed.
- Removing and regrinding of sprues (waste section) from manufactured items and reusing this grind material at a percentage in secondary manufacturing procedures at an allowable rate.

B&C PLASTICS

The Logan-based business is truly committed to exceptional customer service, innovation, and advanced manufacturing, and are already taking advantage of the opportunities presented by a circular economy.

Find out more: <https://bcplastics.com.au/>

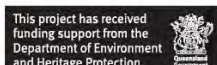


ECOBIZ JOURNEY

B&C Plastics are ecoBiz Star Partners, having received their first free, on-site coaching session in August 2019, and making a 10% reduction in their energy usage. We can't wait to see how much more they can achieve as their journey continues.

THE ECOBIZ TEAM IS ALWAYS
AVAILABLE TO HELP YOU.

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