

About the Company

Hatrack Services Ltd is a licenced retailer of Z Energy, a fuel supply company. Z Energy Linwood is one of their branches located at the corner of Linwood Avenue and Cashel Street, Christchurch.

Introduction to the Project

Z Energy Linwood joined the Christchurch City Council Target Sustainability Programme in 2013. The Target Sustainability Programme supports businesses to reduce waste and to be energy and water efficient.

Z Energy Linwood's objective at the time of joining the programme was to reduce waste sent to landfill and to become more energy and water efficient.

Z Energy Linwood implemented a range of projects to reduce waste sent to landfill.

Key Achievements

- **Reduced waste sent to landfill by an estimated 59% (3.5 tonnes) per year.**



Z Energy Linwood © Copyright

Waste Reduction Initiatives

Z Energy Linwood reduced the amount of waste sent to landfill by an estimated 59% (3.5 tonnes) per year (based on the weight of waste sent to landfill before and after initiatives were implemented)¹.

Z Energy Linwood implemented the following initiatives to reduce and recycle waste:

- Ensured that the waste collection service provider recorded the weight of waste sent to landfill so the branch could measure the improvement made through implemented initiatives.
- Raised awareness about the company's sustainability agenda and targets, and encouraged staff to minimise waste generation and improve recycling practices. This was done through their team meetings, staff being informed about how to use new recycling systems and staff being updated on the company's waste minimisation performance. On a national level Z Energy initiated an on-going "Waste Warrior" waste minimising competition between its branches.
- Implemented a co-mingled recycling collection system for plastic containers, glass bottles and metal cans in the checkout area, back office and forecourt area.

- Implemented a paper recycling collection system in the checkout area and back office. Recyclable paper is collected in the cardboard cage as per an agreement with the waste collection service provider.
- Reduced the use of paper for printing receipts. Receipts are now only issued on request by the customer rather than printed out automatically.
- Implemented an organic waste collection system for expired deli and staff food waste.
- Eliminated fly-tipping by the public by locking the general rubbish skip.

¹ The calculations are based on waste sent to landfill figures supplied by the waste collection service provider and compare the period between January and June 2013, which is the period prior to the implementation of waste reduction initiatives, and the July 2013 to January 2014 (excluding December due to missing data) period when the recycling initiatives were implemented.



Co-mingled and organics recycling in the checkout area © Copyright



Locked general rubbish skip © Copyright



Organics recycling wheelie bin © Copyright



Co-mingled recycling collection unit in the forecourt © Copyright



Co-mingled recycling wheelie bin © Copyright

Summary

Since joining the Target Sustainability Programme, Z Energy Linwood has implemented a range of projects that have resulted in a significant reduction in waste sent to landfill.

"Target Sustainability gave us new ideas and helped us move forward faster than we had ever expected by helping us with sorting our waste. We identified some unexpected findings that really helped us when developing our new waste recycling process."

Anton Hutton, Operations Manager, Z Energy Linwood.

Z Energy Linwood plans to continue to look for ways to reduce and recycle waste and to implement energy efficiency projects.

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