

Dyers Road ITM

About the Company

Dyers Road ITM principal activity is a building supplies retailer. The organisation employs 29 FTE staff at the Dyers Road, Bromley site and operates 6 days a week.

Introduction to the Project

Dyers Road ITM joined the Christchurch City Council Target Sustainability Programme in 2008.

The Target Sustainability Programme supports business to reduce waste and to be energy and water efficient.

Dyers Road ITM specific objectives at the time of joining the programme were to reduce waste sent to landfill and to become more energy and water efficient.

Dyers Road ITM implemented a range of projects to reduce their waste sent to landfill and to improve their energy and water efficiency.

Target Sustainability Programme

Key Achievements

- **Reduced electricity consumption by 18% saving an estimated 28,110 kWh (\$11,000) per year**



Dyers Road ITM Building © Copyright

Waste Reduction Initiatives

Dyers Road ITM implemented the following initiatives to reduce, reuse and recycle their waste:

- Established a process to reuse the timber packaging plastic wrap from inwards goods for plastic wrap for outwards goods and onsite goods storage (i.e. covering wallboard and timber products for onsite storage and delivery). When this plastic wrap cannot be reused it is recycled.
- Implemented a co-mingled recycling collection system for packaging plastic wrap and plastic strapping.
- Provided a free box for MDF board for the public to collect.
- Use the Christchurch City Council organic waste collection for food waste.
- Use the Christchurch City Council co-mingled recycling collection for plastics, glass bottles, paper and cans.
- Placed clear signage on waste and recycling collection units.
- Placed paper recycling boxes under office desks.
- Set up a process to email invoices to clients rather than printing and sending them. A competition for clients is held monthly to encourage the provision of email addresses.



Metal strapping ready for recycling © Copyright



Free MDF bin © Copyright



Plastic wrap and strapping ready for recycling © Copyright

- Set up a process to email purchase orders to suppliers rather than faxing them (estimated saving of 4,368 paper sheets (8.7 paper reams) per year).

The waste collection contractor did not provide weight based monitoring data to Dyers Road ITM so there was no waste data to show the effect that the implemented waste reduction initiatives had on waste quantities. It is important to ensure that weight based monitoring data is collected to ensure the effect of waste reduction initiatives can be monitored and success measured.

Energy Efficiency Initiatives

Dyers Road ITM reduced electricity consumption by 19% saving 23,220 kWh (\$8,687) based on a 9 month comparison of 2009 to 2011 data.

Only 9 months data was available to compare due to data collection issues with the electricity supplier. To calculate annual savings, the 9 month data was extrapolated to a 12 month period by using historical data to populate missing months. The estimated electricity consumption saving per year is 18% (28,110 kWh) and an estimated saving of \$11,000 per year.

Dyers Road ITM implemented the following initiatives to increase their energy efficiency:

- Set up a process to ensure only minimal lighting is left on overnight in the drive through area, show room and hire room for security purposes. To ensure this process is followed the switches that are to be left on are taped on allowing staff to easily identify the switches to be switched off. Previously all the lighting in these areas was left on day and night.
- Established a replacement programme for end of life incandescent lights to be replaced with compact fluorescent lights.
- Educated staff to turn off lights in intermittently occupied areas.
- Cleaned the skylights in the drive through area allowing more light to enter the area and reduce dependence on electric lighting.
- Educated staff to turn off forklifts when not in use rather than letting them idle.
- Implemented a regular servicing and tyre pressure check procedure for company vehicles (includes delivery trucks, utes and forklifts).
- Considered fuel efficiency as a factor when procuring new vehicles for the sales team. The four new utes purchased had a fuel efficiency of 9.5 litres per 100km. The old utes had a fuel efficiency of 12.7 litres per 100km. This change will potentially save \$1,250 per vehicle per year (based on assumed driving of 14,000km per vehicle per year).

Water Efficiency Initiatives

Dyers Road ITM implemented the following initiatives to increase their water efficiency:

- Located the water meter and monitored water use.
- Fixed leaky taps.
- Implemented a water leak procedure which is communicated to all staff.
- Stopped the irrigation of planted areas (which has not affected the plant health).



Plantings outside entrance © Copyright

Summary

Since joining the Target Sustainability Programme Dyers Road ITM have implemented a range of projects to reduce waste sent to landfill and to improve energy and water efficiency.

“Target Sustainability has been a great initiative for Dyers Road ITM to assist us to assess resource efficiency opportunities to reduce waste sent to landfill and use energy efficiently.” David Nutsford, Trade Manager, Dyers Road ITM.

Dyers Road ITM’s future plans are to continue to look for ways to reduce and recycle their waste and to implement further energy efficiency projects and to collect waste weight data to monitor waste tonnages.

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