

SunGard Systems NZ Ltd

Target Sustainability Programme

About the Company

SunGard Financial Systems has been established in Australia and New Zealand since 2006, providing mission-critical software and IT services for investment accounting, trading and risk management, compliance and operations, and treasury management. SunGard's New Zealand Branch is located at 130 Wrights Road, Christchurch.

Introduction to the Project

SunGard Systems joined the Christchurch City Council Target Sustainability Programme in 2012. The Target Sustainability Programme supports businesses to reduce waste and to be energy and water efficient.

SunGard Systems' objective at the time of joining the programme was to reduce waste sent to landfill and to become more energy and water efficient.

SunGard Systems implemented a range of projects to reduce waste sent to landfill and to improve energy efficiency.

Key Achievements

- **Reduced waste sent to landfill by an estimated 58% (4.6 tonnes) per year.**
- **Reduced electricity use by the server room by an estimated 15% (49,900 kWh) per year, saving an estimated \$9,900 per year.**
- **Reduced other electricity use by an estimated 8% (30,800 kWh) per year, saving an estimated \$6,100 per year.**



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Waste Reduction Initiatives

SunGard Systems reduced the amount of waste sent to landfill by an estimated 58% (4.6 tonnes) per year (based on the weight of waste sent to landfill before and after initiatives were implemented)¹.

SunGard Systems implemented the following initiatives to reduce and recycle waste:

- Ensured that the waste service provider recorded the weight of waste sent to landfill and recycling so the branch could measure the improvement made through implemented initiatives.
- Raised awareness about the company's sustainability agenda and targets by encouraging staff to minimise waste generation and to improve their recycling practices. This was done through sustainability group team meetings, office-wide emails as well as the use of signage.
- Improved and expanded the co-mingled recycling collection system by adding an extra co-mingled recycling bin to increase the capacity for collection and by installing additional co-mingled recycling collection units in the office.
- Implemented a staff-driven and managed organic waste collection system. Organic waste suitable for an off-site worm farm is collected regularly from designated collection receptacles in each kitchen area. Each collection receptacle is equipped with clear signage and an information sheet on acceptable food items.

- Implemented an electronic waste collection service. E-waste is collected on-site and then collected by an e-waste collection service provider.
- Reduced paper wastage by setting all printers to the duplex printing function.
- Improved the paper reuse and recycling collection system for non-confidential office paper by installing a paper reuse and recycling collection unit beside every printer to encourage paper reuse and recycling.
- Replaced disposable wooden stirrers for drinks with metal teaspoons.
- Used Forest Stewardship Council certified, recycled content, long roll toilet paper that reduced toilet paper cardboard core waste by an estimated 30% based on SunGard Systems' calculations.

¹ The calculations are based on waste sent to landfill figures supplied by the waste collection service provider and compare the period June 2013 to January 2014, which is the period when recycling initiatives were implemented, with the same period a year earlier (June 2012 to January 2013) prior to the implementation of the recycling initiatives.

Energy Efficiency Initiatives

SunGard Systems reduced its electricity use in the computer server room by an estimated 15% (49,900 kWh) per year, saving an estimated \$9,900 per year. In addition SunGard Systems reduced its electricity use through other initiatives by 8% (30,800 kWh) per year², saving an estimated \$6,100 per year.

SunGard Systems implemented the following initiatives to increase energy efficiency:

- Installed and commissioned a new Hot Isle Containment Unit for the server room. This enclosure system enables cold air to move more effectively across the computer server room, reducing the energy demand for cooling. It is estimated that this initiative will reduce the computer server room energy use by 15-20%³, reducing the electricity use by an estimated 49,900 kWh per year, saving an estimated \$9,900 per year based on an estimated 15% electricity saving.
- Reviewed lighting levels in the office and de-lamped excessive lighting on the ground floor.



Hot Isle Containment Unit for the server room © Copyright



Co-mingled and organics recycling in the staff cafeteria © Copyright

- Labelled lighting switches with the areas they serve. This assisted staff to turn lights on only for the areas where light is needed.
- Placed “turn light off” signage on all floors and in all bathrooms.
- Raised awareness about the company’s sustainability agenda and targets and encouraged staff to be energy efficient. This was done through sustainability group team meetings and office-wide emails.

² The calculations are based on electricity data supplied by the service provider and compare the period June 2013 to December 2013, which is the period when initiatives were implemented, with the same period a year earlier (June 2012 to December 2012) prior to the implementation of the energy efficiency initiatives. This excludes the estimated electricity savings from the computer server room.

³ According to supplier information.



Zoned and labelled light switches © Copyright



Co-mingled recycling collection units © Copyright

Summary

Since joining the Target Sustainability Programme, SunGard Systems has implemented a range of projects that have resulted in a significant reduction in waste sent to landfill and an improvement in energy efficiency.

“Globally SunGard is committed to sustainability and “doing the right thing”. With the help of the Target Sustainability Programme we’ve been able to take that commitment and combine it with Target Sustainability’s experience in order to take meaningful action. We’ve made some big changes - like transforming the computer server room set up to gain efficiency in cooling - but we’ve also been impressed at the way small changes have had a quantifiable effect on our waste and energy use.” Peter Tuhill, SVP Strategic Software Development.

SunGard Systems plans to continue to look for ways to reduce and recycle waste and to implement further energy efficiency projects in its Christchurch office.

Want more information?

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