

CASE STUDY FOOD PROCESSING KEYSTONE FOODS AUSTRALIA



Keystone Foods Australia a manufacturing food processing facility supplies quick-service restaurants across Australia, Asia and the Middle East.

SIZZLING SAVINGS

Keystone Foods Australia (KFA) became an ecoBiz partner in 2009 after reducing their water consumption by 52 per cent over three years.

More recently, increasing waste disposal costs and the company's policy on environmental stewardship spurred KFA to undertake a waste audit. The audit helped the site understand why and how much waste it generated and possible opportunities to eliminate, reduce, reuse, recycle or recover products from its waste stream.

With a view that their people are their most valuable asset KFA, encouraged their staff to put forward ideas. One low-cost suggestion to redesign to the equipment brought a 70 per cent reduction in inedible food waste. This initiative alone saves approximately \$200,000 annually. An even simpler idea – using rechargeable batteries for inspection torches and probes – saves \$4,000 each year.

ZERO WASTE

Not all waste is unavoidable. Initiatives to address the remaining streams included on-selling inedible by-products for further processing and recycling cardboard, plastics, and metals. Revenue from selling recyclables has offset transport collection costs. Difficult to disposal of blood-contaminated plastic waste is incinerated offsite to generate electricity.

KFA is a champion of sustainability and held its first Sustainability Roundtable in late 2011. Suppliers and customers were invited to openly share their successes and challenges which has helped to build a culture of trust, transparency and collaboration.

SAVINGS



KEYSTONE FOODS AUSTRALIA

A true commitment to continuous improvement and sustainability from top-level management through to the factory floor.

ECOBIZ OBJECTIVE

Continue to innovate and spread the sustainability message across its entire supply chain.

ACTION PLAN HIGHLIGHTS

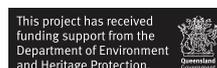
- By 2012 the site was diverting 95% of its waste from landfill and achieved zero waste to landfill by the end of 2013.
- Holding sustainability roundtables with suppliers, customers and peer businesses.

ANNUAL SAVINGS

- On-selling inedible waste recovers \$40,000 each year and reduced overall waste by 34 per cent
- Recycling the site's cardboard, plastics and metals to diverted 191 tonnes of waste from landfill
- Total waste avoided, recycled or recovered: 315 tonnes – the equivalent of 32 full garbage trucks
- Carbon emissions avoided from the recycling of cardboard and the recovery of fats and protein: 418 tonnes CO₂e – roughly the same as taking 90 cars off the road for year.

THE ECOBIZ TEAM IS ALWAYS AVAILABLE TO HELP YOU.

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