



Reduction in Action Case Study

Western Port Secondary College

Building	Results	Period
School Buildings and Grounds	50% energy reduction	2004 - 2008

Hannah Lewis, Assistant Principal at Western Port Secondary College, believes in getting the job done - and she has. Working with CarbonetiX from 2004 to the present day, the school's energy reduction has been nothing short of astounding - a **50% energy reduction**.

Hannah is delighted with the results of working with CarbonetiX, especially since becoming the **2008 joint winner of the ResourceSmart School of the Year Award**, along with multiple other sustainability awards.

CarbonetiX conducted energy audits, assisted with the funding application and project managed energy efficiency works and Mirrorlux reflector installation. They then assisted the school in tracking their energy, water and waste with the School Environment Tracking System (SETS) - a tracking device and learning tool aimed at students - and more recently installed Solar SETS - a real-time energy monitoring system.

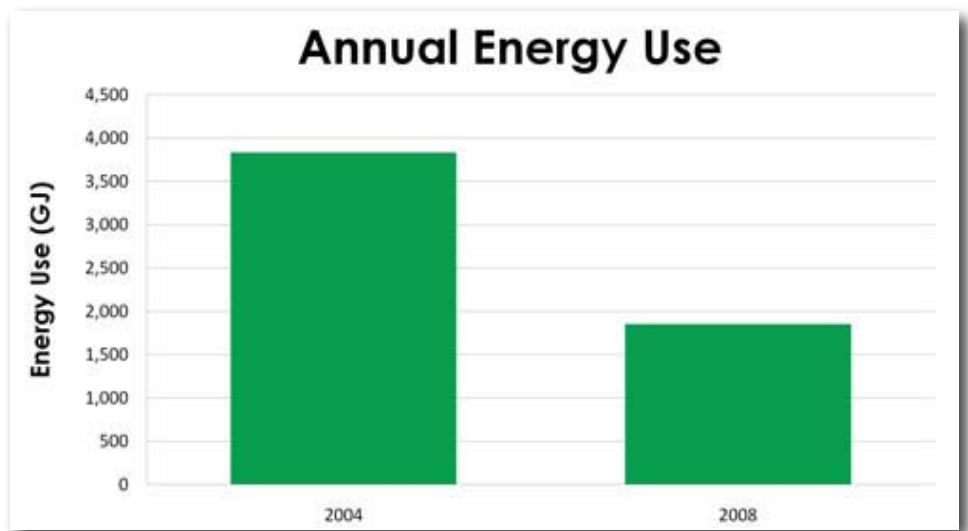


Hannah says: "We have worked closely with CarbonetiX, CERES and local consultants over the last five years to become the **first state secondary school to be fully accredited as a five star sustainable school**. We have been a model for other schools in taking steps to avert climate change and are regularly contacted and visited for advice as other schools begin their journey to sustainability."

The school is also focussed on involving staff and students in sustainability actions. "We have both junior and senior environment captains, who help drive the environmental projects within the school, as well as a Green Team who help to maintain the gardens."

Contact CarbonetiX
1300 311 763
www.carbonetix.com.au





This project used the following highlighted CarbonetiX products and services:

Evaluate

Energy Audit

- Water Audit
- Waste Audit
- School NSSP Energy Audit

Energy Efficiency Consulting

- Carbon Footprint Assessment
- NGERS Reporting
- Commercial Building Disclosure (CBD)
- Building Energy Efficiency Certificate
- NABERS Rating
- Cogen or Renewables Assessment
- Environmentally Sustainable Design (ESD) Assessments

Measure

- CarbonMetriX Carbon Accounting Software
- Carbon Real-Time
- School Environment Tracking System (SETS)
- Solar SETS
- Customised Software Development

Reduce

- Guaranteed Energy Savings Program
- Energy Efficiency Project Management
- Heating & Cooling Optimisation
- Energy Efficiency Guidebooks
- Mirrorlux Reflectors
- Energy Training & Coaching
- Greenhouse Gossip
- Executive Energy Coaching
- Facility Management Energy Training



Western Port Secondary College have won numerous awards for their sustainability activities:

- * ResourceSmart School of the Year 2008
- * ABC School Garden Award
- * Commendation in the Order of Australia
- * Mayoral Sustainability Award for school community
- * Premiers Sustainability Award 2009
- * Tidy Towns Sustainability Award



Premiers Sustainability Award 2009



CarbonetiX is proud to have been involved with Western Port Secondary College's sustainability activities and congratulates Hannah and the staff and students.

Contact CarbonetiX
1300 311 763
www.carbonetix.com.au



"SETS has been a powerful teaching and learning tool for measuring progress and reducing our emissions."

Hannah Lewis, Assistant Principal,
 Western Port Secondary College