

CASE STUDY

EDUCATION AND TRAINING

TAFE QUEENSLAND EAST COAST



The Mooloolaba, Maroochydore, Tewantin and Nambour campuses of TAFE Queensland East Coast joined together in a four-part campaign to improve their eco-efficiency: communication, management, power and recycling.

ELEMENTS IN THE EQUATION

Rather than through production changes – as in industry – when TAFE Queensland East Coast wanted to become an ecoBizness, it knew it first had to convince the human element.

By circulating regular communications and notices to staff and students, management made sure everyone understood the reasons for the changes.

Next, the campaign leaders changed their Building Management Systems to optimise air-conditioning and lighting efficiency and reduce overall power use. The capital expenditure came through installing recycling infrastructure and diversified recycling streams.

HIGH MARKS

The campaign was a success. Across the four widely separated sites and scores of staff and students, the scale of the savings made this one of the largest overall impacts for any ecoBizness.

ANNUAL SAVINGS



TAFE QUEENSLAND EAST COAST

A multi-campus educational and training organisation operating north of Brisbane, from the Sunshine Coast to Wide Bay.

ECOBIZ OBJECTIVE

- Reduce power use and increase recycling

ACTION PLAN HIGHLIGHTS

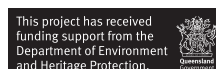
- Communications campaign with staff and students to gain buy-in and drive behavior change.
- Installation of new recycling infrastructure.
- Changes to the Building Management System to reduce power use.

ANNUAL SAVINGS

- Energy consumption dropped by 4,638,140 MJ or 23 per cent. That figure represents the average yearly use of 85 Queensland homes.
- Greenhouse gas emissions declined 16 per cent. The 793.07 tonnes CO₂-e saved is equivalent to taking 192 cars off the road for 12 months.
- Waste disposal eased 5 per cent or 228 cubic metres, equivalent to 949 full wheelie bins.
- These yearly efficiency savings are worth \$173,837.

THE ECOBIZ TEAM IS ALWAYS AVAILABLE TO HELP YOU.

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