

CITY OF PORT ADELAIDE ENFIELD

ENERGY EFFICIENCY PROJECTS



CITY OF
Port Adelaide Enfield

Sustainable Focus has worked with the City of Port Adelaide Enfield over a number of years to implement numerous energy and water efficiency projects, resulting in significant cost savings and greenhouse gas reductions as well as improved building comfort and amenity.

OUR PEOPLE

Rob Smith,
Technical Director & Project
Manager

Rob has extensive experience in the Heating, Ventilation and Air Conditioning (HVAC) industry with expertise in energy efficiency, control system strategy, passive building design and solar heating systems.

His comprehensive knowledge of these fields enables him to effectively evaluate the functionality of active and passive systems and implement site specific strategies to improve overall efficiency. Rob has many years' experience with governments and industry both within Australia and overseas and is a Certified Energy Manager with the Association of Energy Engineers.

CLIENT FEEDBACK

Sustainable Focus provides sound, practical advice on sustainability issues. They have multi-skilled staff with wide ranging experienceand have delivered great results.

Chris Shallow
Facilities Manager
City of Port Adelaide Enfield

KEY OUT-

REDUCTION
IN GREENHOUSE
EMISSIONS OF OVER

480

TONNES



ANNUAL COST
SAVINGS OF AROUND

\$90K



ENERGY SAVINGS

40-50%

IN COMPLETED
SITES



AVERAGE
PAYBACK OF

6 YEARS

FOR ENERGY
PROJECTS



STAFF ENGAGEMENT
TRAINING IN SUSTAINABILITY ISSUES

ENERGY EFFICIENCY PROJECTS AT ENFIELD LIBRARY HAVE RESULTED IN A 50% REDUCTION IN ELECTRICITY CONSUMPTION



THE SOLUTION

Sustainable Focus has assisted Council prepare an annual business case to secure funding for environmental projects by highlighting the financial, environmental and social benefits from improved building technologies.

Using our 4 Step Green Building Program, Sustainable Focus then designed and managed the implementation of energy saving projects on behalf of Council, using a transparent approach which ensures Council receives best value for money and high quality products and services.

LIGHTING UPGRADES

Sustainable Focus has managed the design and implementation of major lighting upgrades at the Civic Centre, Kilburn Depot and a number of community facilities and libraries. Occupancy sensors were also installed at the Depot. The lighting upgrades have improved lighting quality, reduced maintenance costs and substantially reduced energy consumption.

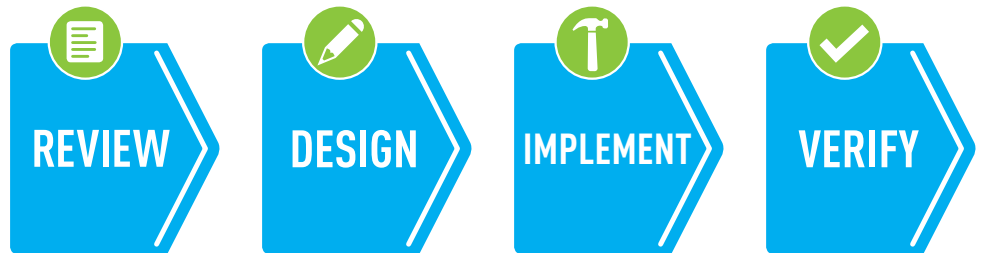
HEATING, VENTILATION AND COOLING

Air conditioning and ventilation (HVAC) account for about 50% of energy consumption in the average Council building. Sustainable Focus assisted Council improve air conditioning efficiency and comfort at the Civic Centre, Enfield Community Centre and Library, Pt Adelaide Library and Kilburn Depot. Push button air conditioning timers have also been installed at Kilburn Community Centre as well as radiant heating controls at community halls and the Kilburn Depot. Ceiling fans, insulation and draft proofing have also contributed to energy and cost saving at a number of Council facilities.

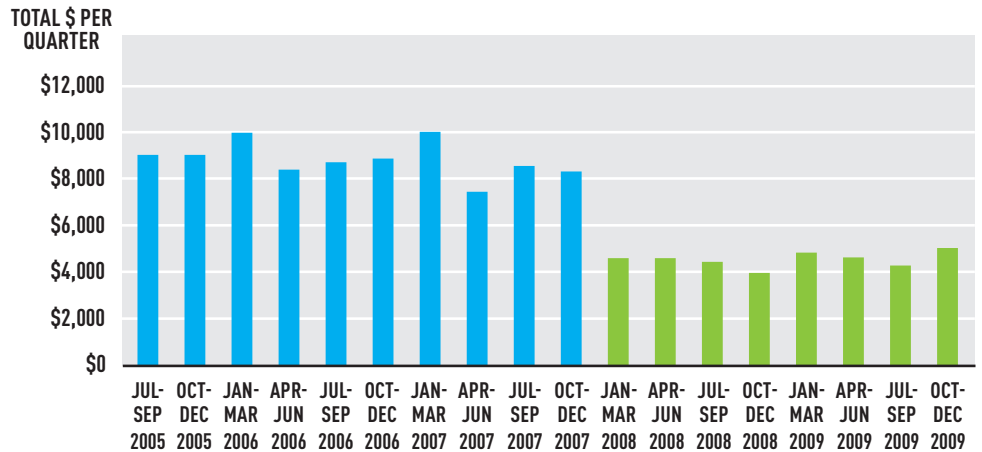
CULTURE & SYSTEMS

Sustainable Focus has also developed a green purchasing guide for Council, facilitated staff training in sustainability issues and developed an interactive 'Green at Work' website.

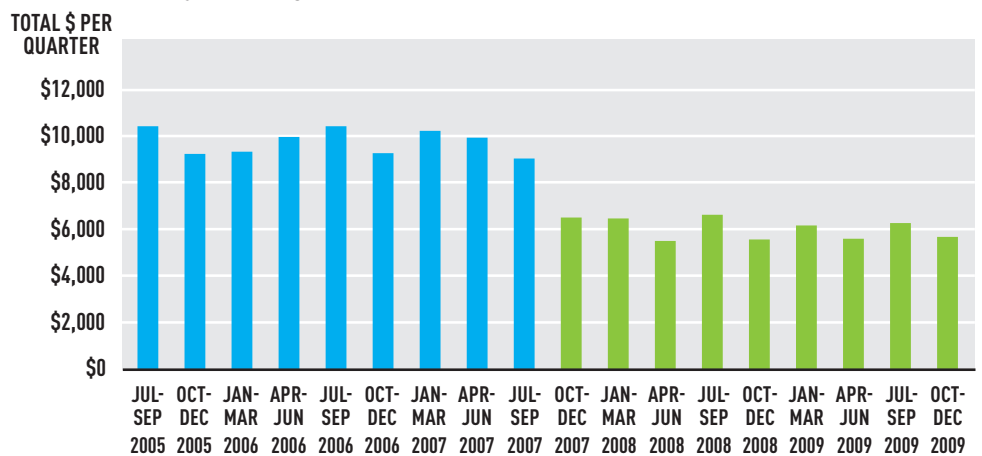
GREEN BUILDING PROGRAM - THE 4



ENFIELD LIBRARY



KILBURN DEPOT



BEFORE RETROFIT

AFTER RETROFIT

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