

Case Study

Interior & Exterior Lighting.

Randwick Council Bowen Library.

Located in the Eastern suburbs of Sydney, one of Randwick City Council's facilities is the Lionel Bowen Library and Community Centre in Maroubra. The facility comprises a library, community rooms and offices.

The Project.

Ecovantage was engaged to help reduce overall energy consumption and improve the quality of the lighting in the community library space and council offices. An additional challenge was to deliver the upgrade out of hours to minimise disruption to the day to day activities of the library, community rooms and offices.

Exterior.

Ecovantage was able to provide over \$33,000 in rebates to help offset the cost of the lighting upgrade under the NSW Energy Savings Scheme.

A test area was first installed on the library floor and feedback was obtained from the public and library employees to ensure the product selection was appropriate - not only by the technical requirement of standards AS/NZ 1680, but public feedback.

Following the very positive response, full installation was completed outside of hours to ensure the busy day to day activities were not disrupted.

A Small Word From Us.

We implement high-quality, energy-saving technologies and access state and federal energy saving scheme subsidies to help households and businesses save energy and save money.



Highlights.



Estimated annual savings
\$63,890



Payback period
1.9 years



Estimated energy reduction
74%

Interior.

A huge reduction in energy use and cost was delivered by upgrading over 1,000 lights throughout the complex.

This will result in an annual saving of over \$60,000 p.a. or close to a quarter of a million dollars during the expected life of the LED lights.

All products were supplied by our Australian lighting partners Emerald Planet and Enlighten.

Along with attractive financial results, the upgrade makes the centre considerably more eco friendly, with 248 tonnes of CO2 saved per year.

Importantly all of the old fluorescent tubes and other lamps, many containing mercury and other toxic elements were diverted from landfill and recycled.

Key Benefits.

- Rebates of \$33,000 achieved through Government incentive schemes
- A total of 1,073 lights replaced with energy-efficient LEDs
- Energy usage reduced by 74% saving an expected \$63,890 p.a.
- Longer lifetime of LEDs expected to deliver maintenance savings of \$7,760 p.a.
- Total payback period of only 1.9 years

At Ecovantage we are passionate about helping commercial and residential clients implement energy saving technologies that reduce their impact on the environment, and lower their energy bills.

Get in touch.

If you'd like to find out more about how we can help your business save on energy usage, maintenance costs and ongoing energy costs, call us today and we'll organise a complimentary lighting assessment.

