



GREATER DANDENONG  
**Sustainability Awards**

# Sustainable Development Category **FINALIST**

## **Clarence Reardon Centre, Springvale** *by Southern Metropolitan Cemeteries Trust*

The Clarence Reardon Centre (CRC) is a community function and administration centre located at the Springvale Botanical Cemetery. The CRC demonstrates leadership in sustainable design and operation, and realises Southern Metropolitan Cemeteries Trust’s (SMCT) vision to provide state of the art, environmentally sustainable facilities.

The design team envisioned sustainable design integration, where architectural built form and sustainable innovation form one entity from the outset of the design process.

It is this design excellence that has helped create a carbon neutral building and position SMCT as a local sustainability leader. The installation of over 500 solar panels on the roof, produced over 147,500 kWh of electricity in 2015 and prevented 150 tonnes of CO2e (greenhouse gas) emissions entering the atmosphere.

**Other key design initiatives include:**

- High performance double glazed windows including clerestory windows to maximise natural light into central areas of the building.
- Air conditioning via a mix of natural ventilation and chilled beams, integrated with a heat recovery system achieving low energy use, yet high occupant comfort.
- Specification of non-toxic and low VOC finishes and fit-out items.
- A CO2 and VOC monitored ventilation system to maintain high quality air.
- Rainwater tank used for toilet flushing and landscape irrigation.
- Building management system connected to energy and water metering to optimise building performance and reduce maintenance frequencies.
- Reduction in cement content in concrete and FSC/AFS approved timber.
- Native landscaping throughout the project site.
- Architectural design to complement to the surrounding native eucalypt trees and extensive botanical garden setting including establishing a sense of community.

*“It is anticipated that the number of visitors CRC will increase over the coming years, providing a culturally and environmentally educational experience across generations.”*

SMCT Director Infrastructure

**Project Cost:** \$12 Million

**Project Team:** GHD Woodhead, ADCO, BG&E Facades, Taylors, Tracy Lucas, Floreancig Smith, Nomination submitted by Southern Metropolitan Cemeteries Trust’s

