

MELBOURNE CONVENTION AND EXHIBITION CENTRE

www.mcec.com.au

The Melbourne Convention Centre's innovative sustainable design and operational features ensure the comfort of delegates and protection of the environment go hand-in-hand.

Water Management

- A black water treatment plant collects building wastewater and some stormwater to provide treated water for toilet flushing, irrigation and cooling towers. This is the first privately-funded black water treatment plant in a public building in Australia
- Water efficient fixtures and fittings, including urinals that use a chemical system rather than a water flush
- Water usage in the exhibition centre has been reduced by an impressive 8% over the past financial year through its Water Management plan (waterMAP). That's the equivalent of just over half an Olympic-sized swimming pool.

Waste Management

- The MCEC provides multiple streams for Waste Management including full composting facilities for food waste
- The MCEC can also calculate the amount of waste produced for specific events to help event organisers calculate the amount of waste going to landfill.

Energy Management

- Displacement ventilation - low level air delivery and high level air exhaust in the plenary and foyer areas provide effective air flow with high indoor air quality at low energy consumption
- Expansive glass facade provides natural light to the foyer and pre-function spaces. This reduces the need for artificial light and provides good thermal qualities in the winter months
- Solar hot water systems can offset more than 40% of general hot water requirements and can provide 100% of public amenity hot water requirements
- Light fittings have been selected and positioned in order to minimise resource and energy consumption. For example, energy efficient lighting is design with daylight and motion detection control features.

Strategies Implemented

- Use of FSC (Forest Stewardship Council) timber, which is environmentally friendly, rather than non-renewable timber.
- Radiant slab heating and cooling in the foyer (with pipes in the concrete floor carrying hot or cold water to heat or cool the slab) provides a more comfortable internal environment with good thermal comfort levels.

Accolades Received

- The Melbourne Convention Centre has achieved the first 6 Star Green Star environmental rating in the world, recognising world leadership. The 6 Star Green Star environmental rating was awarded by the Green Building Council of Australia (GBCA) under its Green Star – Convention Centre rating tool for the convention centre's innovative environmental design and operational features
- Waste Wise certification, which is managed by Sustainability Victoria, identifies environmental leaders in minimising waste and maximising the efficient use of resources
- MCEC is the only convention and exhibition venue in Australia with both Green Globe and Waste Wise accreditation

Awards

The MCEC has recently won the following environmental awards:

- 2009 BPN Sustainability Award
- 2009 Australian Property Institute's Investa Environmental Development Award
- 2009 Banksia Foundation Built Environment Award
- 2009 IMEX Green Meetings Industry Council Award
- 2008 and 2009 AIME Best Environmental Supplier Award.

Other

M Green Team

- A team of dedicated MCEC employees - aptly named the 'M Green team' - has been created and been given the task of coming up with fresh initiatives and new strategies to continue to benchmark and progress MCEC's environmental performance
- The M Green team actively works with clients to assist in 'greening' their event by recommending Waste Management options, green power solutions and sustainable menu choices
- As well as introducing a 'Green Office' program promoting recycling initiatives within the work-place, the M Green team are arming staff with 'Green Fact Sheets' detailing what the MCEC is implementing in different environmental areas

The M Green micro-site www.mcec.com.au/experience equips meeting planners with green checklists, answers to any questions they may have and a host of other information and ideas.