

## QUEEN VICTORIA MARKET

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Queen Victoria Market's objective is to carry out its business operations in a way which manages, minimises and continually reduces its adverse sustainability impacts.

It aims to achieve this by:

- Compliance, as a minimum, with all relevant environmental laws and regulations
- Continual and effective improvement of sustainability performance, through setting and reviewing sustainability objectives and targets, which relate to key business operations
- Promoting economically viable and sustainable development, which is in line with the conservation of Queen Victoria Market heritage buildings
- Working closely with employees, contractors, tenants and customers in recognition of the value of these partnerships in improving sustainability performance.

### Water Management

#### *Rainwater Harvesting Project*

The Rainwater Harvesting Project captures water from the roof of the Queen Victoria Market; water is then treated and recycled to provide an alternative water source for flushing public toilets. This water would normally flow as untreated storm-water into Port Phillip Bay. It's expected that this project will reduce the Market's potable water consumption by around 25%, saving approximately six Olympic swimming pools of water each year.

#### *WaterMAP Program*

Large amounts of water are required to clean the Market to ensure public health. Therefore as a significant water user, the Market is a part of the City West WaterMAP program. A WaterMAP plan has been developed and implemented to further reduce water consumption and improve water efficiency at the Market.

### Waste Management

#### *Litter Prevention Project – Storm Water Project*

Working with Sustainability Victoria and Melbourne Water, the Queen Victoria Market's Litter Prevention Project (2008) was a great success, reducing litter loads originating from the Market by 25% through education, infrastructure and enforcement.

#### *Recycling*

The Market's extensive recycling program includes recycling:

- Fat and bone, which is used in 'blood and bone' fertiliser
- Fish offal, which is collected and processed for stockfeed and fertiliser
- Fats from grease traps and cooking oils from deep fryers
- Paper and cardboard
- Plastic and glass bottles and aluminium cans
- Wood and Steel.

## Energy Management

### *Solar Panels*

In April 2003, Queen Victoria Market introduced its solar panel project – 1,328 solar panels covering one third of the Market roof. At the time, the project was the largest urban grid-connected solar photovoltaic installation in the southern hemisphere. The system has the capacity to generate 252,000 kilowatt hours of electricity each year for the Market – enough to power around 46 average homes a year. The decision to switch to solar power offers the distinct benefits of a dramatic reduction in the volume of greenhouse gases being generated in Melbourne’s inner-city precinct. To help Market visitors understand more about the project, a permanent, real-time display is on site to show updated information.

## Accolades Received

### *Waste Wise – Silver Certification*

The Queen Victoria Market has achieved silver certification for Sustainability Victoria’s voluntary Waste Wise Program. As part of this program, the Market has developed and implemented an action plan to minimise waste and maximise efficient use of valuable resources.

## Projects to be Completed

- Applied to the Fair Trade Association to become a fair trade workplace
- Undertaking a feasibility study with the aim to increase light fittings throughout the Market sheds by 50%, reducing wattage by 75%
- Working with City West Water to install smart meters throughout the Market, which will record live data readings to help with early detection of potential water wastage and leaks.

## Other

### *Events*

At Queen Victoria Market events, such as the Suzuki Night Market and the Geelong Night Market, single-use plastic bags for packaging are banned; all packaging, including take away food packaging, must be either of paper, cardboard or recycled plastics.

### *Sustainability Officer*

The Queen Victoria Market is committed to carrying out business operations in a way which manages, minimises and continually reduces adverse sustainability impacts. The Market has appointed a full-time Sustainability Officer, to work on projects to further improve the Market’s sustainability performance.