

# Environmentally Sustainable Design for City Buildings Policy

## Council Policy

### Responsible Directorate: Infrastructure Services

**Objective:** To facilitate the integration of environmentally sustainable design principles into the siting, design and construction of new City-owned or City-managed buildings, renovation projects and retro-fitting. Environmentally sustainable design considers the environmental impact of a building for the entire life of the asset.

#### 1. Application:

This Policy applies to all City of Joondalup-owned or City-managed buildings.

#### 2. Statement:

In pursuance of its commitment to sustainability, the City seeks to promote buildings which are environmentally sustainable and strongly encourages a sustainable approach to building design in the community.

Wherever practicable, the City of Joondalup will improve the eco-efficiency of City-owned buildings and assets by implementing environmentally sustainable design principles into the construction, renovation and retro-fitting of all future building assets.

#### 3. Details:

##### 3.1. Sustainable Design Principles

The City will look to incorporate the following design principles into its own buildings:

- Designing and constructing buildings to preserve the natural features of the site.
- Designing and constructing buildings to include passive solar design.
- Increasing the energy efficiency of buildings and retro-fits by using low energy technologies for lighting, heating and cooling, appliances and equipment.
- Using natural and/or fan-forced ventilation.
- Using renewable energy technologies.
- Selecting sustainable building materials, such as locally sourced and recycled content.

- Reducing the amount of waste that is created through the construction process by implementing waste management practices on site.
- Encouraging adaptability in the design and construction to ensure longevity of the building.
- Increasing the indoor air quality of buildings by using low allergic and low volatile organic compound (VOC) fittings, furniture, paints and adhesives.
- Utilising waterwise and native gardening techniques.

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**Creation Date:** November 2010  
Formerly:

- *Environmentally Sustainable Buildings*

**Amendments:** CJ165-08/12

**Related Documentation:**

- *N/A*