

ENVIRONMENTALLY SUSTAINABLE BUILDINGS

STATUS: *Council Policy - A strategic policy that sets governing principles and guides the direction of the organisation to align with community values and aspirations.*

Council policies are developed by the Policy Committee for approval by Council.

RESPONSIBLE DIRECTORATE: Planning and Development

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

1. 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.

2. DESCRIPTION:

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. 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 water wise and native gardening techniques.
-

AMENDMENTS:

RELATED DOCUMENTATION: *Local Government Act 1995*
Policy 1-3 — Sustainability
Policy 5-4 — Sustainability

ISSUED: November 2010