

# Environmentally Sustainable Design Local Planning Policy

## Responsible directorate: Planning and Community Development

**Objective:** To encourage the integration of environmentally sustainable design principles into the siting, design and construction of both new and redeveloped residential, commercial and mixed-use buildings (excluding single and grouped dwellings, internal fit outs and minor extensions) in the City of Joondalup. Environmentally sustainable design considers the environmental impact of a building for the entire life of the asset.

### 1. Authority:

This Policy has been prepared in accordance with Schedule 2, Part 2 of the deemed provisions of the *Planning and Development (Local Planning Schemes) Regulations 2015* (Regulations) which allows the local government to prepare local planning policies relating to planning or development within the Scheme area.

### 2. Application:

This Policy shall apply to the construction and redevelopment of residential, commercial and mixed-use buildings (excluding single and grouped dwellings, internal fit outs and minor extensions) in the City of Joondalup.

### 3. Statement:

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

### 4. Details:

#### 4.1. Design principles:

The incorporation of the following design principles into buildings relevant to this policy is encouraged:

- 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 by using low energy technologies for lighting, heating and cooling, appliances and equipment.
- Using renewable energy technologies.
- Increasing water efficiency and encouraging water reuse and water recycling for buildings and landscaping.
- 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.
- Designing buildings so materials can be easily recycled if in the future the building is to be demolished.

#### **4.2. City of Joondalup — Environmentally Sustainable Design Checklist:**

Applications for development approval for residential, commercial and mixed-use buildings (excluding single and grouped dwellings, internal fit outs and minor extensions) must be accompanied by a completed Environmentally Sustainable Design Checklist.

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**Creation date:** March 2011 (CJ041-03/11)

**Formerly:**

**Amendments:** CJ114-06/13, CJ223-12/22

**Last reviewed:** December 2022 (CJ223-12/22)

**Related documentation:**

- Environmentally Sustainable Design Checklist
- Local Planning Scheme No 3
- Local Government Act 1995

**File reference:** 102667