

9.4.7 Sustainable design code²³

9.4.7.1 Application

- (1) This code applies to assessable development identified as requiring assessment against the Sustainable design code by the tables of assessment in **Part 5 (Tables of assessment)**.
- (2) All provisions in this code are assessment benchmarks for applicable assessable development.

Notes—

- (a) performance outcomes PO1, PO2, PO3 and PO5 apply only to development involving the erection of a new building for a use or uses in the *residential activity group, business activity group, community activity group, sport and recreation activity group* or *other activity group*;
- (b) performance outcome PO4 applies only to development involving the erection of a new building exceeding 5 storeys in height for a use or uses in the *residential activity group, business activity group* or *community activity group*;
- (c) the Sustainable design code identifies only a limited range of sustainable design criteria. Development on the Sunshine Coast is encouraged to strive to achieve the highest practicable score using an accredited sustainability rating system (i.e. Greenstar);
- (d) development that achieves a minimum 4 star score using the Greenstar rating system is deemed to have complied with the Sustainable design code; and
- (e) *Council* may use its discretion to determine that part or all of the Sustainable design code should not apply to a particular development where compliance with the Sustainable design code would be unreasonable because of the small scale or nature of a particular development.

9.4.7.2 Purpose and overall outcomes

- (1) The purpose of the Sustainable design code is to ensure development meets *best practice* sustainability principles.
- (2) The purpose of the Sustainable design code will be achieved through the following overall outcomes:-
 - (a) development is located, designed, constructed and operated in accordance with *best practice* subtropical and sustainable design principles in order to:-
 - (i) take advantage of local climatic and environmental conditions;
 - (ii) optimise energy efficiency;
 - (iii) minimise reliance on non-renewable energy sources; and
 - (iv) facilitate and promote alternative energy supply through the use of renewable energy sources.

9.4.7.3 Performance outcomes and acceptable outcomes

Table 9.4.7.3.1 Performance outcomes and acceptable outcomes for assessable development

Performance Outcomes		Acceptable Outcomes	
<i>Subtropical Design and Climatic Comfort</i>			
PO1	Development provides for the siting, orientation and design of buildings to appropriately respond to the region's subtropical climate and creates an open and permeable built environment that connects indoor and outdoor spaces in an integrated design.	AO1	No acceptable outcome provided. Editor's note—the publication <i>Subtropical Design in South East Queensland – A Handbook for Planners, Developers and Decision Makers</i> , prepared by the Centre for Subtropical Design, provides guidance about the application of subtropical design principles.
PO2	Development is located, designed, constructed and operated in a manner	AO2	No acceptable outcome provided.

²³ Editor's note—the *Queensland Development Code* also identifies sustainability requirements for certain development. Where there is a conflict between the Sustainable design code and the *Queensland Development Code*, the *Queensland Development Code* prevails.

Performance Outcomes		Acceptable Outcomes	
	that incorporates passive design elements for cooling and heating, including:- (a) weather protection and sun shading (including eaves and overhangs that are incorporated into facades); (b) roof forms and colours that reduce direct solar heat gain; (c) rain protection appropriate to each facade orientation; and (d) providing opportunities for building occupants to determine indoor climate (e.g. adjustable louvres and shading).		
PO3	Development is located, designed, constructed and operated in a manner that minimises adverse impacts on adjoining public spaces in terms of solar access and wind-tunnelling.	AO3	No acceptable outcome provided.
PO4	Development ensures that roof top levels of higher-rise buildings make a positive visual, open space, recreational and ecological contribution to the functioning of the <i>site</i> and surrounding area.	AO4	No acceptable outcome provided.
Energy Efficiency and Renewable Energy			
PO5	Development is designed and operated to minimise the production of greenhouse gas emissions by implementing a range of emission-limiting measures including, but not limited to, the following:- (a) use of solar power or other non-polluting, renewable energy sources to supply part or all of the development's energy needs; and (b) for residential development, provision of a non-mechanical (natural) clothes drying area for each <i>dwelling</i> .	AO5	No acceptable outcome provided.