

WestWyck EcoVillage

Melbourne, Australia



Size:

30 homes

Dates:

1999 - 2013

Project Team:

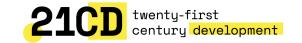
Mike Hill and Lorna Pitt, WestWyck Property Ltd.

Photo from westsyck.com

WestWyck is an ecovillage renovation of former school grounds and is a One Planet Living Community. It is designed to foster social and environmental sustainability, and to influence future developments.

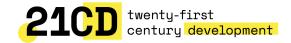
Goals & Strategies

Place	
Limits to Growth	Goals: Goals not defined. Strategies: Strategies not reported.
Food	Goals: Goals not defined. Strategies: Community gardens.
Habitat	Goals: Goals not defined. Strategies: Rainwater landscaping for water filtration and evapotranspiration. Trees for shading. Indigenous landscaping.
Transportation	Goals: One care per resident. 10% or less commuting trips by car. Strategies: Public transportation, pedestrian paths.
⊘ Water	
Water	Goals: 75% reduction in water use per resident. Strategies: Water storage for rainwater harvesting. Stormwater retention incorporated into landscaping. Water separation, blackwater treatment on site.



4 Energy					
Energy	Goals: 100% of electricity from renewable resources, 33% from on-site solar PV. 75% reduction in building energy demand. Strategies: Solar PV, energy-efficient construction and renovation.				
廿 Health + Happir	ness (Details not provided by researchers)				
⊗ Materials					
Material Plan	Goals: Goals not defined. Strategies: Strategies not reported.				
Embodied Energy & Carbon	Goals: 50% reduction in embodied carbon in construction materials. Strategies: Materials used in construction are reused, recycled, or of recyclable materials. Nontoxic materials used.				
Waste	Goals: 95% of waste from homes recycled. Strategies: Resident education, recycling facilities.				
吕 Equity					
Neighborhood & Access	Goals: Foster human relationships. Strategies: Public access to streets, human-scale design.				
Access to Nature	Goals: Goals not defined. Strategies: Strategies not reported.				
Access to Community Services	Goals: Goals not defined. Strategies: Local economy, community centers, shared spaces.				
Investment	Goals: Goals not defined. Strategies: Strategies not reported.				
Beauty	(Details not provided by researchers)				

> See next page for Performance Levels achieved



Performance Levels Achieved:

	Standard	Good	Better	Living	Regenerative
Place					
Limits to Growth					
Food					
Habitat					
Transportation					
Water					
Energy					
Health + Happiness		1 			
Civilized Environment					
Neighborhood Design					
Biophilia					
Resilient Connections					
Materials					
Material Plan					
Embodied Energy & Carbon					
Waste					
Equity					
Neighborhood & Access	Not specified.				
Access to Nature					
ccess to Community Services					
Investment					
Beauty					
Beauty & Spirit	Not specified				Ì

Sources:

http://www.westwyck.com

http://www.theswitchreport.com.au/business/westwyck-ecovillage-deeply-sustainable-living/

*Note: This case study was developed using found information.

21st Century Development is a model for the creation of regenerative communities that strives to provide a healthy environment for all people and living systems now and in a dynamic future.

The initiative is created and supported by a partnership of AIA Minnesota, the Center for Sustainable Building Research, Colloqate Design and The McKnight Foundation.







