

## Green Port Checklist

Environmental Aspect	Objective	Measures	Yes/No
<b>1. Sustainable Environmental Management</b>          <b>PLEASE COMPLETE SECTION</b>	Implement and promote a triple bottom line approach to sustainability	<b>To achieve this objective, the following measures will be included in the project/development:</b>	
		A written policy committed to managing negative environmental, social and economic impacts	Yes
		Identified and reportable sustainability targets for the project/development	Yes
		Public notification of sustainability commitments, policies and targets	Yes
		Preparation or incorporation of an Environmental Management System (EMS) compliant with ISO 14001	Yes
		Certification of the EMS to ISO 14001	Yes
		A stakeholder engagement strategy to proactively engage stakeholders and encourage feedback regarding the project	Yes
		A formal public complaints procedure	Yes
	If none of the suggested measures apply, how will the project/development achieve this objective? (include any innovation measures)		
<b>2. Materials Selection</b>          <b>PLEASE COMPLETE SECTION</b>	Decrease the carbon footprint of the development and the ongoing maintenance/replacement of materials/equipment	<b>To achieve this objective, the following measures will be included in the project/development:</b>	
		Set targets to reduce material use (such as % of recycled materials used)	Yes
		Reuse of the existing building/facility components	No
		A green procurement policy, including purchasing re-used or recycled furniture and other items	Yes
		Low maintenance and durable materials	Yes
		A Life Cycle Assessment of materials to be used	Yes
		Specification and procurement of locally sourced materials	Yes
		Replacement of Portland cement with supplementary cementitious material	Yes
		Low-emission and low-irritant materials, including low-TVOC paints, carpets and sealants/adhesives and low formaldehyde wall and floor coverings	Yes
		Refrigerants and/or insulants with an Ozone Depleting Potential (ODP) of zero and/or a Global Warming Potential (GWP) of 10 or less	Yes
	If none of the suggested measures apply, how will the project/development achieve this objective? (include any innovation measures)		
<b>3. Waste Management</b>          <b>PLEASE COMPLETE SECTION</b>	Reduce total operational waste consumption	<b>To achieve this objective, the following measures will be included in the project/development:</b>	
		A waste management plan which identifies opportunities to reduce the amount of waste sent to landfill	Yes
		A policy to instruct contractors and suppliers to select materials with less packaging	Yes
		Adequate storage areas for recycling of all materials, including likely future increases	Yes
		Monitoring of the quantity (volume and weight) of waste disposal and recovery	Yes
	If none of the suggested measures apply, how will the project/development achieve this objective? (include any innovation measures)		
<b>4. Water Use and Quality</b>	Reduce total operational water consumption and minimise the	<b>To achieve this objective, the following measures will be included in the project/development:</b>	

PLEASE COMPLETE SECTION	impact on local water quality	Water efficient fixtures, fittings and appliances (AAA rating system and above)		Yes
		Water sub-meters for all major uses, such as cooling towers, irrigation, hot water systems and for separate tenancies.		Yes
		Onsite rainwater and or recycled water for landscaping and other uses		Yes
		A water efficient irrigation system, including subsoil drip systems and automatic timers		No
		A rainwater harvesting system, e.g. Rainwater tanks		Yes
		Greywater collection and treatment system for water reuse		No
		Blackwater collection and treatment system for water reuse		No
		Water sensitive urban design measures such as permeable surfaces, swales and wetlands		Yes
		Best practice stormwater drainage and treatment systems including first flush, oil separators and a water quality monitoring system		Yes
		A flood risk and/or potential water table risk assessment and implementation of recommendations		Yes
5. Energy Use and Greenhouse Gas Emissions	Minimise the total amount of greenhouse gas emissions of the development	To achieve this objective, the following measures will be included in the project/development:		
		Low energy and energy efficient terminal and operational equipment (such as retrofits for diesel oxidation catalysts)		Yes
		Low energy and energy efficient lighting on timers for non-critical areas		Yes
		Low energy and energy efficient appliances		Yes
		Separate electrical and gas sub-meters for energy uses (such as car parks, lifts, common area lighting) and for separate tenancies		Yes
		Renewable energy generated onsite and excess returned to the grid (such as solar power or gas-fired co and tri generation)		No
		Purchase of renewable or green energy such as 100% accredited GreenPower		Yes
		Alternative cleaner and less greenhouse intensive fuels for operations		No
		Ship to shore power connection options		No
		If none of the suggested measures apply, how will the project/development achieve this objective? (include any innovation measures)		
6. Green Buildings and Indoor Environments	Improve the quality of the indoor environment and the environmental performance of buildings	To achieve this objective, the following measures will be included in the project/development:		
		Minimum 4 Star Green Rating (or the equivalent) for Buildings		Yes
		Certification of the Green Star Rating for Buildings		Yes
		A facilities or building guide and training for occupants/management team on minimising environmental impacts		Yes
		Passive solar and microclimate design through orientation, shading, natural lighting, ventilation and insulation		Yes
		Outside air inflow rates in excess of the requirements of AS 1668.2-1991 for mechanical ventilation		Yes
		Natural ventilation in accordance with AS1668.2-2002		No
		Options for external green walls (e.g. Facade planting/landscaping)		No
		Maximisation of natural lighting through the design and location of windows, glazed doors and skylights, and blinds/screens		Yes
		If none of the suggested measures apply, how will the project/development achieve this objective? (include any innovation measures)		

		Refridgerant and/or vapour leak detection and recovery systems	No
		Cyclist paths and facilities including secure storage, showers and change facilities	Yes
		A Hazardous Materials Survey including asbestos, lead and polychlorinated biphenyles (PCBs) identification, and removal where possible	Yes
	If none of the suggested measures apply, how will the project/development achieve this objective? (include any innovation measures)		
<b>7. Outdoor environment</b>  <b>PLEASE COMPLETE SECTION</b>	Enhance the visual and ecological amenity of the Port	<b>To achieve this objective, the following measures will be included in the project/development:</b>	
		Preparation and implementation of a Landscape Management Plan	Yes
		Local provenance native species used in the landscaping areas	Yes
		Ecological offsets and/or biobanking to offset the impact of the development	No
		Incorporation of exisiting vegetation into the development	Yes
		Removal and control any noxious weeds on site	Yes
		Non-chemical/poison control measures for weeds and pests	Yes
	If none of the suggested measures apply, how will the project/development achieve this objective? (include any innovation measures)		
<b>8. Amenity</b>  <b>PLEASE COMPLETE SECTION</b>	Minimise the impact of the development on sensitive receivers and other Port users	<b>To achieve this objective, the following measures will be included in the project/development:</b>	
		Isolation of noisy equipment/systems with insulation and/or sound absorbing materials	Yes
		Emission stacks and outlets located away from sensitive receivers and other port users	Yes
		Air pollution control measures such as scrubbers	Yes
		No reversing beepers on vehicles, plant and equipment (owned and leased)	Yes
		Turning off vehicles/plant/equipment when not in use	Yes
		Installation of noise walls	No
		The location of activities, plant and equipment should optimise attenuation effects through measures such as topography, natural and purpose built barriers.	Yes
		Enclosed light fittings and positioning to reduce light spill	Yes
	If none of the suggested measures apply, how will the project/development achieve this objective? (include any innovation measures)		

[RETURN TO COVER PAGE](#)