

AIM OF CREDIT

To encourage and recognise projects that achieve environmental benefits in excess of the current Green Star benchmarks.

CREDIT CRITERIA

Up to two points can be awarded for an innovation initiative, where there has been a substantial improvement on an existing Green Star credit as detailed in Table 1.

No individual initiative can achieve more than two points in this credit.

Qualifying initiatives may achieve additional points in other innovation credits, for a maximum number of points available within the Innovation Category.

COMPLIANCE REQUIREMENTS

Up to ten initiatives can be submitted for the available ten points in this category. Green Building Council Australia (GBCA) will not review more than ten initiatives per project. Projects will be assessed against the innovation guidance current at the time of their registration. Project teams can submit a credit interpretation request to receive advice on whether an initiative can be considered innovative or not under this credit.

In reviewing the list, the GBCA has considered the relative environmental benefits and score, taking into account other Green Star credits and category environmental weightings

Table 1 provides a list of credits that are automatically awarded points where benchmarks are achieved. Table 2 lists a number of credits that GBCA will not consider innovation points for. Project teams must contact GBCA for more information should they believe they have exceeded Green Star benchmarks for a credit not listed in either table.

For innovations under this credit, assessment will focus on the documentation provided within the credit itself. Please make a note on the cover page of the credit that is being exceeded. For example, if the project team improves on the benchmark for Man-7, the Man-7 cover page must note that the benchmark has been exceeded in accordance with Inn-2, and provide the relevant documentation as evidence.

Table 1: Exceeding Green Star benchmarks in credits

Base Building	Office Interiors v1.1	Points will be awarded where the following conditions are met:
Man-7 Waste Management	Man-6 Waste Management during tenancy fitout	One point will be awarded for recycling rates of 98% or more.
Man-10 Learning Resources		One point will be awarded for <i>Green Star - Education</i> v1 projects that provide more than 10 distinct learning resources in the project in accordance with the credit found in <i>Green Star - Public Building</i> v1. For all other Green Star rating tools, please refer to Inn-3 Sustainable Design Initiatives for pathways to achieving an innovation point for this initiative.

Base Building	Office Interiors v1.1	Points will be awarded where the following conditions are met:
IEQ-1 Ventilation Rates	IEQ-1 Ventilation rates	<p>Exceeding the outside air rates beyond 150% will not automatically guaranteed innovation points. The project team must demonstrate that this increase will actually result in a significantly improved environmental impact, as found where the carbon dioxide levels are equal or lower than 600 ppm.</p> <p>Please note: innovation points will not be awarded for claims where the project team addresses more than 95% of the nominated area.</p>
Ene-1 Greenhouse Gas Emissions	Ene-2 Energy Improvements	<p>When claiming full points on this credit, one point will be awarded to projects that export zero-carbon energy equivalent to at least 5% of the buildings energy use to the grid. Zero-carbon energy is defined as solar or wind or other technologies which explicitly do not emit greenhouse gas emissions of any kind.</p> <p>When claiming full points on this credit, two points will be awarded for exporting zero-carbon energy equivalent to at least 10% of the building's energy use to the grid. Zero-carbon energy is defined as solar or wind or other technologies which explicitly do not burn fossil fuel or waste of any kind.</p> <p>Carbon offsets may not be applied.</p>
Ene-3 Peak Electricity Demand Reduction Ene-3 Peak Energy Demand Reduction		<p>One point will be automatically awarded if the peak demand is actively reduced by a further 15% over the credit requirement, or where the difference between peak and average is 10%. Two points will be automatically awarded to projects that do not have a peak electricity demand. This will occur for projects that are completely disconnected from the grid (island mode) or where electricity demand is constant (with the difference between peak demand and average demand being no more than 5%).</p>
Ene-7 Unoccupied Areas		<p>In <i>Green Star - Education</i> v1 only, providing a wider temperature band can be automatically recognised with an innovation point (and if it's shown that the points in IEQ-5 'Thermal Comfort' have been achieved).</p>
Tra-1 Provision of Car Parking	Tra-2 Car Parking	<p>One point will be automatically awarded where the project has reduced the car parking requirements by:</p> <ul style="list-style-type: none"> at least 75% below the maximum local planning allowances applicable to the project; or 20% below that stated in the minimum local planning allowance. <p>Two points will be automatically awarded where no car parking is provided (other than those where an exclusion applies, as listed in the Technical Manual).</p>
Tra-2 Fuel Efficient Transport		<p>One point will be awarded where a minimum of 50% of the total car parking spaces comply with the credit criteria.</p>

Base Building	Office Interiors v1.1	Points will be awarded where the following conditions are met:
Tra-3 Cyclist Facilities	Tra-3 Cyclist Facilities	<p>One point will be awarded for providing cyclist facilities (bicycle parking, lockers, change facilities and showers) for at least 15% of staff (and in <i>Green Star - Education</i>, 15% of students independently).</p> <p>Please note: providing more visitor bicycle spaces, or providing additional facilities for visitors, will not result in innovation points. Nor will providing facilities other than showers and lockers, such as drying closets.</p> <p>For <i>Green Star - Multi Unit Residential</i> registered projects, providing excess bicycle parking spaces and additional facilities will not be awarded innovation points.</p>
Wat-1 Potable Water	Wat-1 Potable Water Efficiency	<p>When claiming full points in the potable water credit, an innovation point will be automatically awarded for reducing water usage from the water grid by 95%.</p> <p>When claiming full points in the potable water credit, two points will be awarded for exporting reclaimed, recycled, or collected water to adjacent buildings, equivalent to at least 5% of the building's water use.</p>

Table 2 lists the credits that are ineligible for Innovation points. The criteria in these credits either don't allow for benchmarks to be exceeded, or offer negligible environmental benefits if they were.

Table2: Ineligible credits

Base Building rating tools	
IEQ-6 Hazardous Materials	Ene-8 Stairs
IEQ-11 Hazardous Materials	Ene-9 Efficient External Lighting
IEQ-11 Daylight Glare Control	Ene-10 Shared Energy Systems
IEQ-5 Daylight Glare Control	Ene-11 Energy Efficient Appliances
IEQ-12 High Frequency Ballasts	Tra-4 Commuting Mass Transport
IEQ-13 Electric Lighting Levels	Tra-5 Trip Reduction Mixed Use
IEQ-7 Electric Lighting Levels	Tra-6 Transport Design and Planning
IEQ-16 Exhaust Riser	Wat-3 Landscape Irrigation
IEQ-15 Mould Prevention	Wat-4 Heat Rejection Systems
Ene-3 Lighting Power Density	
Ene-4 Lighting Zoning	

Wat-7 Water Efficient Appliances	Eco-2 Re-use of Land
Wat-6 Potable Water Use in Laboratories	Eco-3 Reclaimed Contaminated Land
Wat-6 Potable Water Use in Equipment	Eco-5 Outdoor Communal Spaces
Mat-4 Shell and Core & Integrated Fitout	Emi-1 Refrigerant ODP
Mat-6 PVC	Emi-3 Refrigerant Leaks
Mat-7 PVC	Emi-4 Insulant ODP
Mat-7 Timber	Emi-6 Discharge to Sewer
Mat-8 Timber	Emi-8 Legionella
Mat-8 Design for Disassembly	Emi-9 Trade Waste Pollution
Mat-9 Design for Disassembly	
Mat-9 Dematerialisation	
Mat-10 Dematerialisation	
Eco-1 Topsoil	
Office Interiors v1.1	
IEQ-9 Asbestos	Eco-1 <i>Green Star - Office As Built</i> Certified Building
IEQ-4 Daylight Glare Control	Eco-2 Building Layout Efficiency
IEQ-5 High Frequency Ballasts	Eco-3 Building environmental management
IEQ-6 Electric Lighting Levels	Eco-4 Commitment to building performance
IEQ-14 Tenant Exhaust	Eco-5 Shell and Core or Integrated Fitout
Ene-4 Office Lighting Zoning	Eco-6 Building Conservation
Tra-1 Public Transport	Emi-1 Refrigerant Ozone Depletion Potential
Mat-10 PVC Minimisation	Emi-2 Insulation Ozone Depletion Potential
Mat-11 Timber	

Please note: GBCA will not award innovation points for any credits that have been superseded in a rating tool.

Innovation in Green Star - Design and Green Star - As Built Ratings

A number of projects claim an innovation at the time of a *Green Star - Design* submission, and expect to achieve it during a *Green Star - As Built* submission. In general, an innovation point given during the *Green Star - Design* submission will be awarded at the *Green Star - As Built* assessment. However, this is not always the case, as the project must demonstrate that the innovation at the *As Built* stage has been installed, and is working appropriately.

DOCUMENTATION - DESIGN AND AS BUILT RATING

Submit all evidence and ensure it readily confirms compliance.☐ GBCA Template

GBCA Template completed.