

Where we are & how we are striving forward



We rate



We advocate



We collaborate



We educate



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3000+

Green Star Certifications
of fitouts, buildings and
communities

Green Star Future Focus

Buildings

Available now

Homes

Performance

Communities

Fitouts

New Zealand consultation
to open late 2021

Future Focus Partners

Silver Partners



Supporting Partners



Technical Partner



A new definition

Green Star Buildings features eight new categories representing the issues that will define the next decade of the built environment.



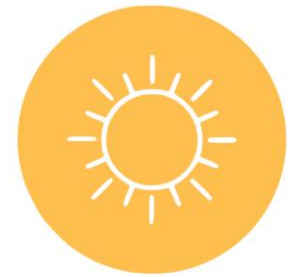
Responsible



Healthy



Resilient



Positive



Places



People



Nature



Leadership

Green Star manager

Submissions

Project name, address

GS-1000B

Overview Submissions Project dashboard

Back

Scorecard credits

Please choose from the categories on left-hand side and then select which credits you wish to target. Once you have selected your target credits the responses will become available.

	Industry Development			
	Credit Achievement	3 points	<input checked="" type="checkbox"/>	Targeted
	Green Star Accredited Professional	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="Go"/>
	Financial transparency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="Go"/>
	Marketing sustainability achievements	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="Go"/>
	Responsible Construction			
	Minimum Expectation	0 points	<input type="checkbox"/>	Not Targeted
	Environmental management system	<input type="checkbox"/>	<input type="checkbox"/>	
	Environmental management plan	<input type="checkbox"/>	<input type="checkbox"/>	
	Construction and demolition waste	<input type="checkbox"/>	<input type="checkbox"/>	
	Sustainability training	<input type="checkbox"/>	<input type="checkbox"/>	
	Credit Achievement	1 point	<input type="checkbox"/>	Not Targeted
	Construction and demolition waste diversion	<input type="checkbox"/>	<input type="checkbox"/>	
	Verification and Handover			
	Minimum Expectation	0 points	<input checked="" type="checkbox"/>	Targeted

Green Star manager

Submissions

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Save PDF

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Upfront Carbon Emissions

The building's upfront carbon emissions are at least 10% less than those of a reference building.

Reducing upfront carbon emissions

The building's upfront carbon emissions are at least 10% less than those of a reference building.



Technical Questions

Project Data (lookup)

There are project-specific technical questions for this credit criteria and all responses received from the GBCA are attached.

Yes or No

The buildings upfront carbon emissions are at least 10% less than those of a reference building.



Life Cycle Impacts calculator

Calculator (lookup)

Reference Carbon Emissions for Modules A1 to A5 (kgCO₂e), Proposed Carbon Emissions for Modules A1 to A5 (kgCO₂e), Percentage improvement (%)

Document reference (with attachment)

Provide evidence supporting the inputs used in the Life Cycle Impacts Calculator



Upfront Carbon Emissions calculator

Calculator (lookup)

Reference upfront Carbon Emissions (kgCO₂e), Proposed upfront Carbon Emissions (kgCO₂e), Reduction in upfront carbon emissions(%), Material variety captured (Yes/No)

Document reference (with attachment)

Provide evidence supporting the inputs used in the upfront carbon emissions calculator



Green Star Buildings online

Aligning initiatives:

How Green Star Buildings and ILFI's Zero Carbon Certification are jointly driving industry to a net zero emissions outcome.



Zero Carbon Certification by ILFI

Zero Carbon Certification (ZC) was developed by the International Living Future Institute (ILFI). It is a third-party verified industry recognised standard verifying that the operational and embodied carbon emissions of a built project have been neutralised. By achieving the performance targets of ZC, organisations demonstrate a credible and comprehensive approach to carbon neutrality.

ZC is one of several programs offered by ILFI, which also includes the Living Building Challenge, the world's most stringent sustainability standard.

Key stats about ZC

- Released in 2018, ZC is one of the newest offerings from the ILFI
- There are currently 34 projects registered globally with two certified
- The first ZC certified building was Google's office in London at 6 Pancras Square
- Microsoft and Salesforce are also pursuing ZC for their current building projects in the US
- The standard is yet to be formally launched in Australia



Green Star Buildings by GBCA

Green Star was developed by the Green Building Council of Australia (GBCA). It is a third-party verified holistic rating system for the built environment. From libraries offices and to the biggest regeneration projects in the country, Green Star continues to drive sustainable outcomes in buildings, fitouts, and communities.

Green Star Buildings is the latest version of the rating tool for new construction. This new version addresses the three key challenges of the next decade: climate action, health and wellbeing, and resources and circularity.

Key stats about Green Star

- Released in 2003, more than 2,000 buildings have achieved some form of Green Star certification.
- 48 million sqm of building space is Green Star certified
- 44% of CBD office space is Green Star certified
- 40% of retail space is Green Star certified
- 790,000+ people will live or work in the 50+ Green Star communities we have certified, including 450,500+ residents and 340,000 workers and students

Aligning initiatives



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How Green Star Buildings and ILFI's Zero Carbon Certification are jointly driving industry to a net zero emissions outcome.

Available today on our website



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Building to bounce back

The twin economic and health shocks created by COVID-19 are reshaping business and government.

We have ideas for how the built environment can help reactivate our economy.

Available on our website

Closing the gap

A comparison between the design and operations of buildings

Driving operational performance

In partnership with the Department of Industry, Science, Energy and Resources.

This report aims to compare the modelled performance of more than 150 commercial buildings with a Green Star rating against their NABERS Energy ratings.

Discussed at TRANSFORM Breakout on 29 March.
Report in mid-2021.



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What's next?



Climate
Action



Resource &
circularity

What's next?

Climate Action

- ~40% of energy-related global carbon emissions
- ~25% of all building emissions are related to material production and construction

Resource & circularity

- Buildings are responsible for 50% of global material use
- 42.4bn tonnes of materials consumed annually

What's next?

Climate Action

- ~40% of energy-related global carbon emissions
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Resource & circularity

- Buildings are responsible for 50% of global material use
- 42.4bn tonnes of materials consumed annually

In a resource-constrained world, how we get, use and dispose of materials, and make the most of our current resources, will be key for a successful and sustainable global economy.

A circular economy
discussion paper



A circular economy discussion paper

**Our new thought leadership paper
aims to set the direction for industry
on this critical megatrend**

- A primer on circular economy
- Survey results on where we are as industry
- How GBCA aims to deliver a circular economy roadmap for the built environment

Available on our website

Building Efficiency for Jobs and Growth



Global Net Zero Carbon Buildings Commitment

10 new companies have joined since March 2020

AMP Capital Real Estate Managed Portfolio

Arup

Atelier Ten

Built

Cbus Property

Charter Hall

Commonwealth Bank of Australia

Cundall

Dexus

Frasers Property Australia

GPT Wholesale Office Fund

Grimshaw

ISPT

Integral Group

Kingspan

Lendlease

LG Super

Monash University

Mott MacDonald

Multiplex

Nightingale Housing

QIC Global Real Estate

Shaw Contract

Stockland - Retirement Living & Logistics

Sydney Opera House

City of Melbourne

City of Sydney

27

entities

1035

buildings

1,313

million square meters

13

MtCO₂e portfolio emissions

A Carbon Positive Roadmap for the built environment

For buildings and fitouts

Rev. A

September 2019



Carbon Positive Partners

dexus





Taking carbon positive to the next level

Guidance document on offsets and renewables that helps support our Carbon Positive Roadmap targets and drive change through Green Star Buildings and Green Star Performance

Coming soon

Carbon Positive Partners





A Carbon Positive Roadmap for precincts



A Carbon Positive Roadmap for Precincts

The next revision to our roadmap aims to set the scene for comprehensive decarbonization of precincts.

Coming soon

Carbon Positive Partners

dexus



An aerial night photograph of a modern urban development. In the foreground, a large, glass-walled building with a flat roof is illuminated from within, showing interior spaces. The building is situated in a paved courtyard area with several circular light fixtures on the ground. In the background, a multi-story residential or commercial building with a dark facade and white window frames is visible. The sky is dark, and the overall scene is lit by the warm glow of the buildings and the courtyard lights.

Green Star in focus: The case for sustainable social infrastructure



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An aerial photograph of a city skyline at sunset. The sky is a mix of orange, yellow, and blue. The city is densely packed with buildings of various heights and styles. In the foreground, several tall skyscrapers are prominent, some with reflective glass facades. The background shows a vast expanse of lower-rise buildings and green spaces. A blue rectangular text box is overlaid on the left side of the image. The text is white and reads: "Our purpose" followed by "Leading the sustainable transformation of the built environment." in a larger font. The Green Building Council Australia logo is in the bottom left corner.

Our purpose

**Leading the sustainable
transformation of the built
environment.**