

Introducing Green Star

Inspiring
innovation

Encouraging
environmental
leadership

Building a
sustainable
future



What is Green Star?

Green Star is an internationally recognised sustainability rating system.

From individual buildings to entire communities, Green Star is transforming the way our built environment is designed, constructed and operated.

Launched by the Green Building Council of Australia in 2003, Green Star is Australia's only national, voluntary rating system for buildings and communities.

Our built environment is currently the world's single largest contributor to greenhouse gas emissions, and also consumes around a third of our water and generates 40 per cent of our waste. Green Star is helping to improve environmental efficiencies in our buildings, while also boosting productivity, creating jobs and improving the health and wellbeing of our communities.

Whether you're a building owner, operator or occupant, creating a green community or looking to live more sustainably, Green Star offers a framework of best practice benchmarks for sustainability that you – and the marketplace – can trust.





“Achieving high environmental ratings reduces exposure to commercial risk and asset obsolescence by ensuring assets are ‘future-ready’.”

John Dillon, Fund Manager, APPF Commercial
– joint owner of Commonwealth Bank Place

“Green Star
has introduced
a new competitive
dynamic that, these
days, is often the
difference between
winning and losing
business.”

Rob Coombs, President and Chief Executive Officer, Interface Asia Pacific





Building 215 Engineering Pavilion - 5 Star Green Star – Education Design v1
Photograph by Alana Blowfield

Certification you can trust

A Green Star rating provides independent verification that a building or community project is sustainable.

Undertaking voluntary Green Star certification demonstrates leadership, innovation, environmental stewardship and social responsibility.

Green Star-certified buildings and communities can:

- **Lower operating costs and increase asset value**
- **Use 66% less electricity than average Australian city buildings¹**
- **Use 51% less potable water than if they had been built to meet minimum industry requirements¹**
- **Boost productivity by up to 15%²**
- **Produce 62% fewer greenhouse gas emissions than average Australian buildings¹**
- **Improve the health and wellbeing of occupants**
- **Increase student learning and engagement**
- **Speed up recovery times of hospital patients**
- **Reduce risk and ‘future proof’ investments**
- **Deliver a competitive edge in a crowded marketplace**

¹ Value of Green Star: A decade of environmental benefits, Green Building Council of Australia (2013)

² Environmentally Friendly Workplace proves productive, University of Technology, Sydney (2010)

“Green Star
certification
gives us
assurance
that we’re
‘future-proofing’
our investment.”

Paolo Bevilacqua, Sustainability Manager, Australand



Bond University Mirvac School of Sustainable Development - 6 Star Green Star – Education PILOT
Photograph by Alan Jensen

Building a sustainable future

Green Star continues to evolve and expand to meet the demands of our industry, and we are working hard to ensure that achieving Green Star certification is simple and cost-effective.

Green Star ratings are available for every building type, so whether your building is a school or a shopping centre, a hospital or a hotel, it can achieve a Green Star rating.

Green Star rating tools include:

Green Star – Design and As Built:

guiding the sustainable design and construction of a range of schools, offices, universities, industrial facilities, public buildings, retail centres and hospitals.

Green Star – Interiors:

transforming the interior fitouts of everything from offices and hotels to schools and shops.

Green Star – Communities:

improving the sustainability of projects at the neighbourhood, precinct or community scale.

Green Star – Performance:

supporting higher levels of operational efficiency within existing buildings.

A middle-aged man with glasses and a grey beard, wearing a blue and white vertically striped short-sleeved button-down shirt, stands in front of a modern building with large windows. A green circular graphic is overlaid on the left side of the image, containing text. The background is slightly blurred, showing architectural details of the building.

Green Star certified buildings use

50% less electricity
than minimum industry
requirements¹

Green Star categories

Green Star assesses and rates buildings, fitouts and communities against a range of environmental impact categories. Green Star rating tools for individual building and fitout design, construction and operations assess projects for:



Management



Indoor Environment Quality



Energy



Transport



Innovation



Water



Materials



Land Use and Ecology



Emissions



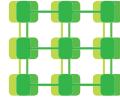
The Green Star – Communities rating tool assesses community and precinct level projects for:



Governance



Design



Liveability



Economic Prosperity



Environment



Innovation

Rewarding innovation

Green Star encourages industry innovation and sustainable leadership. All Green Star rating tools include an 'Innovation' category which rewards projects that implement new technologies and approaches or exceed current industry best practice.



The Green Star rating scale

Green Star rating tools for building, fitout and community design and construction reward projects that achieve best practice or above sustainability outcomes.

This means that Green Star – Design, As Built, Interiors and Communities projects can achieve a Green Star certification of 4 – 6 Star Green Star. Buildings assessed using the Green Star – Performance rating tool can achieve a Green Star rating from 1 – 6 Star Green Star.





+7,200,000m²

Total area of
certified projects

1 Bligh Street, Sydney - 6 Star Green Star - Office As Built & Design v2
Photograph by Hamilton Lund

Verification through certification

There are five steps to achieving a Green Star certification.

1

Registration

Projects are registered via a simple online process at www.gbca.org.au

2

Documentation

As projects are designed, built or operated, teams compile a range of documentation to demonstrate that their building, fitout or community meets Green Star's sustainability benchmarks.

3

Submission

This documentation is then submitted to the GBCA for Green Star assessment.





4

Assessment

Green Star submissions are reviewed by an independent panel of sustainable development experts and an overall score is assigned.

5

Certification

A Green Star certified rating is awarded as a third-party verification of a project's sustainability.

Green Star: with you for life

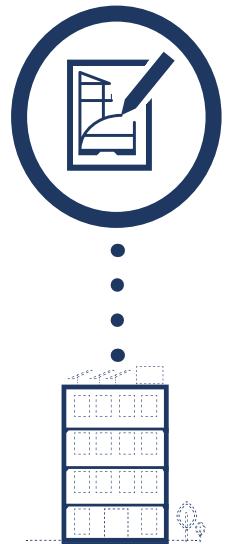


The Green Star rating system assesses the sustainability of projects at all stages of the built environment lifecycle.

From architectural drawings and community development plans to the bricks and mortar of construction, from the chairs and paints of interior fitouts to the energy monitoring and waste management of building operations, Green Star is there to help you achieve the best sustainability outcomes.



Communities



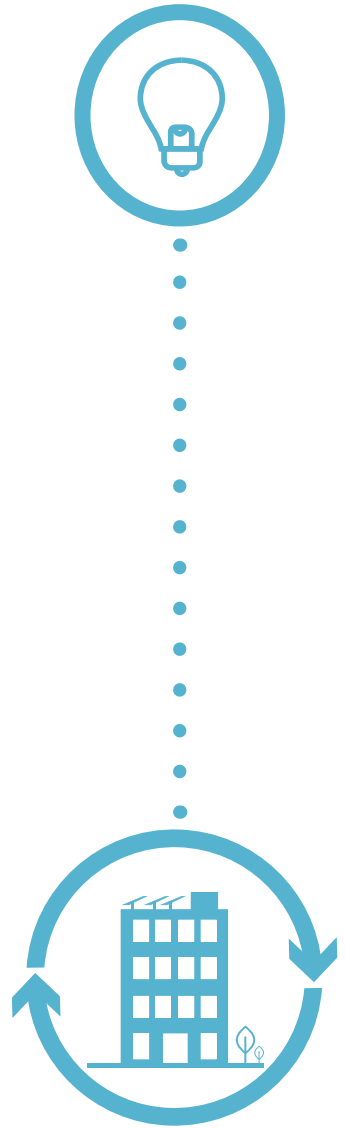
Design



As Built



Interiors



Performance

Sharing our green expertise



The Green Building Council of Australia is your source of up-to-date, high quality educational resources on Green Star.

We have a variety of professional development options to expand and enrich your green skills. Whether it's an introductory course or in-depth technical instruction, Green Star professional development will give you the extra edge.

Our Continuing Professional Development (CPD) program offers a streamed approach to learning that caters to the industry's increasingly diverse and specialised skill development requirements.

Our Green Star Accredited Professional qualification signifies that you have technical knowledge, experience and credibility in the growing green building sector. There's no better business advantage in a competitive market.

**“Good for
customers, good
for the environment
and good business
for our bank.”**

Rob Hunt, Former Managing Director, Bendigo Bank



Briggs Hall and Jackomos Hall - 5 Star Green Star – Multi Unit Residential As Built & Design v1
Photograph by John Gollings



We're here to help.

If you'd like to get more involved with the Green Building Council of Australia, need some advice on Green Star or have an idea you'd like to share, contact our friendly team.

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Developed by the
Green Building Council of Australia