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Nau mai, haere mai ki Aotearoa.
Te kainga o Te Kaunihera Hanganga Tautaiao o Aotearoa.

Welcome to the home of the
New Zealand Green Building Council.

NZGBC
TE KAUNIHERA HANGANGA TAUTAIAO

All homes and buildings in Aotearoa green and sustainable, making healthier, happier New Zealanders.

E info@nzgbc.org.nz W nzgbc.org.nz

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Green Star - Buildings NZ

The next step in the evolution of sustainable buildings in Aotearoa

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Brad Crowley
Senior Manager,
Buildings and Communities

NZGBC
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Agenda

1. **Why certify green buildings?**
2. **Green Star Buildings overview**
3. New credits
4. Q and A

E info@nzgbc.org.nz W nzgbc.org.nz

Advocate

A stronger, fit-for-purpose **Building Code**

Government leadership on sustainable design, construction and operation

Action on embodied carbon

Central and local Government **regulatory submissions and advice**

Member input on advocacy efforts and campaigns

Collaborate

600+ members

Future Thinkers student and young professionals network

Industry advisory boards

Consultation on certification updates and advocacy

Sharing and **celebrating industry success**

Input into **NZGBC Board and governance**

Educate

Industry **training**

Professional **qualifications** for Green Star, Homestar, NABERSNZ, HomeFit

Regular **webinars and industry events**

Trusted **research and reports**

Rate

Independent, third-party certification

Green Star, NABERSNZ, Homestar, HomeFit, Carbonzero

Created **alongside the sector**

Regularly reviewed and updated with industry

Benchmarking efforts to inspire change & improvement

Architects, Designers, Engineers, and other advisors

Product Manufacturers and Distributors

Property Developers, Owners, Occupiers and Investors

Local Authorities, Higher Education, Research Institutions

Property Professionals, Tenants and Related Property Interests

Contractors, Builders and other Construction Professionals

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	BUILDINGS	HOMES	COMMUNITIES
NEW / FIT OUTS	greenstar	homestar®	greenstar Communities
EXISTING	NABERS NEW ZEALAND greenstar Performance	home fit Fit for living	

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Cyclone Gabrielle, Auckland floods and stormwater

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Drivers for change to a zero carbon Aotearoa

- Improving health and wellbeing
- Urgent need to reduce waste to landfill
- Buildings account for 20% of our carbon emissions & hugely reduce other emissions - transport
- Communities seeing more floods/droughts. Need to adapt to climate change
- Local Government Climate Change Declarations
- TCFD– 200 large asset holders
- Green finance to grow from US$1tn to $92tn

Why build green?

We are seeing a large rise in green certified buildings across Aotearoa. Our clients tell us they choose to build sustainably due to a number of benefits*, including:

- Health and wellbeing – indoor air quality, better design for daylight and acoustics for healthy, comfortable places.
- Competitive finance – green certified buildings can attract lower interest and better terms for developer finance.
- Lower operating costs – better design, significantly lower running costs for decades to come.
- Less maintenance – good air quality and less moisture means maintenance staff spend less time dealing with issues like mould.
- Certifying to sustainable building standards can support alignment with wider company sustainability goals.
- Reduced embodied and operational carbon emissions – verified carbon reductions support disclosure requirements. Independent certified ratings give confidence and trust in reporting.

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*Benefits may vary depending on project design and scale that determine outcomes for health and wellbeing of occupants, ongoing operating costs and maintenance. Clients should contact their banks when negotiating developer financing for information on green, sustainable finance offerings.

6 star Green Star Mason Brothers building in Auckland found

- 25% reduction in absenteeism & increase in productivity of 9%
- a 130% increase in commuter cycling

Tenants have said this is an increase in fire power of 10%, without the cost of employing more people.

Savings and benefits

Te Manawa (Westgate), Auckland, 5 Star Green Star

GREEN STAR SCHOOLS:

- Produce, on average, **67%** fewer GHG emissions than schools built to minimum standards
- **73%** of the schools analysed have onsite solar generation, with a combined capacity of **603,237 kWh**. That's enough to power around 50 homes for a year.

ON AVERAGE, GREEN STAR COMMUNITY CENTRES, LIBRARIES AND CIVIC BUILDINGS:

- use **50%** less energy than buildings built to minimum standards
- generate **54%** fewer GHG emissions than buildings built to minimum standards
- have an average energy intensity **86 kWh** per metre squared per annum, compared to **189 kWh** per square metre per annum if they had been built to standard practice
- will save around **$100,000** per year in energy bills[19]

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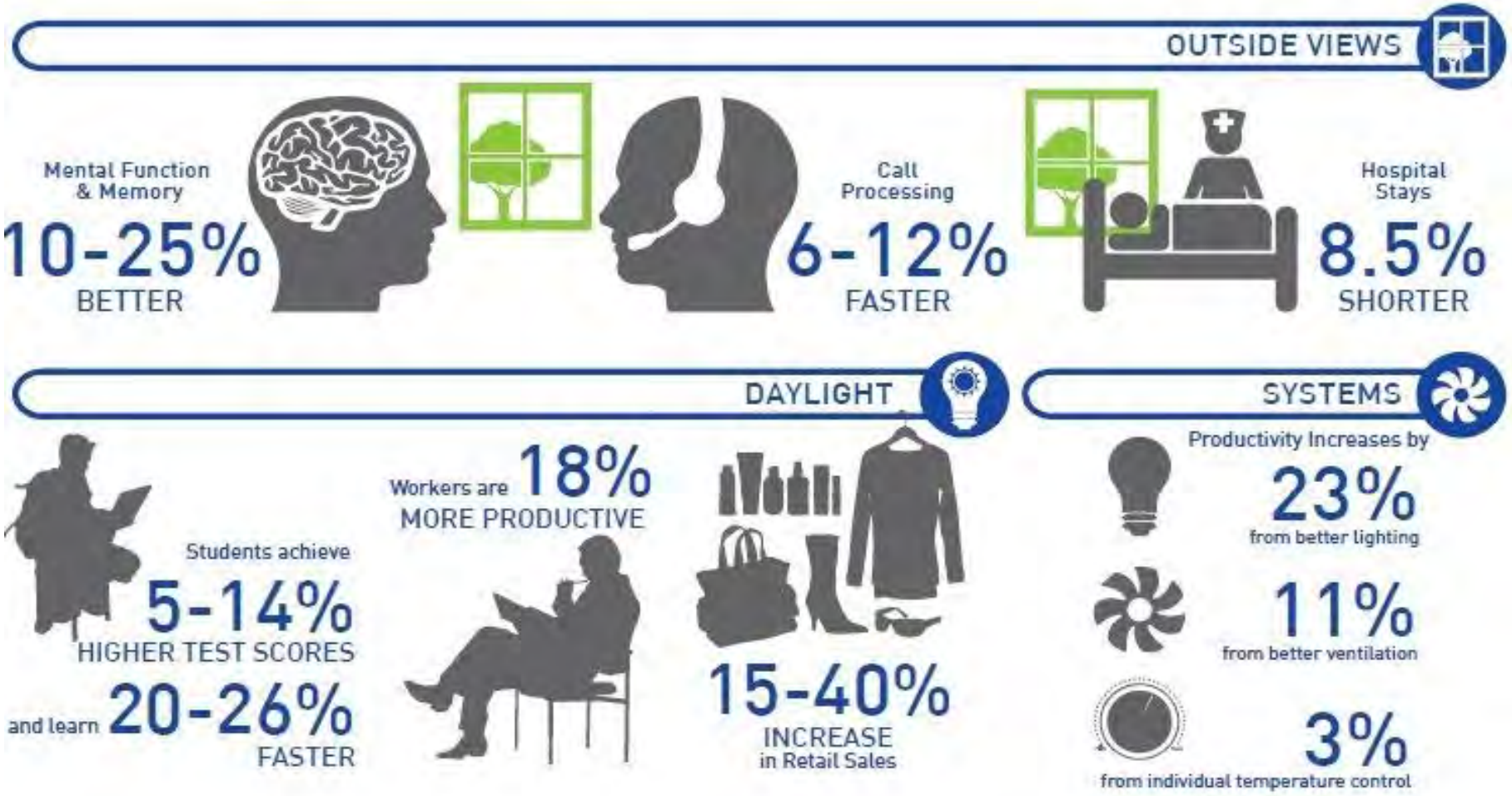
The why - verified buildings deliver...



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Many in the private sector are certifying their buildings

Argosy

Precinct

Goodman

mansons TCLM LIMITED

Kiwi Property

Auckland Airport

COOPER AND COMPANY

catholic diocese of christchurch

THE UNIVERSITY OF AUCKLAND
Te Whare Wānanga o Tāmaki Makaurau
NEW ZEALAND

UNIVERSITY of OTAGO
Te Whare Wānanga o Otāgo
NEW ZEALAND

countdown

AIR NEW ZEALAND

Panuku Development Auckland
An Auckland Council Organisation

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NEW ZEALAND GREEN BUILDING COUNCIL

Guidance on green building ratings for sustainable finance

Supporting a net zero carbon future

August 2024
Version 1.0

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ANZ

All of the major banks provide incentives to certify buildings to Homestar or Green Star

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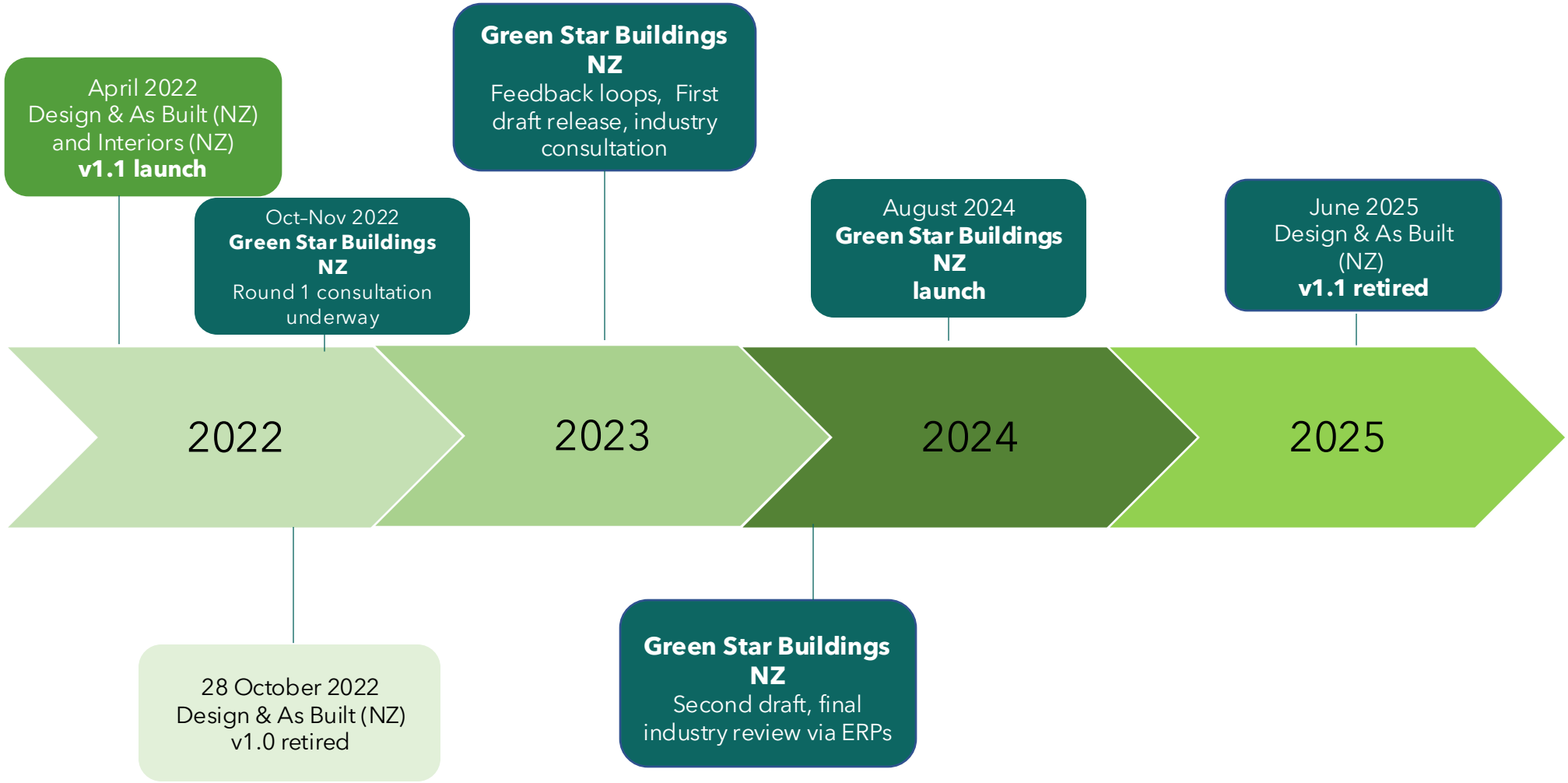
Timeline


April 2022
Design & As Built (NZ) and Interiors (NZ)
v1.1 launch
Oct–Nov 2022
Green Star Buildings NZ
Round 1 consultation underway
Green Star Buildings NZ
Feedback loops, First draft release, industry consultation
August 2024
Green Star Buildings NZ launch
June 2025
Design & As Built (NZ)
v1.1 retired
2022
2023
2024
2025
28 October 2022
Design & As Built (NZ)
v1.0 retired
Green Star Buildings NZ
Second draft, final industry review via ERPs

Our drivers and influences

United Nations Sustainable Development Goals

IPCC report on climate change 2022

Task-force for Climate Related Financial Disclosures

Task-force on Nature-related Financial Disclosures

The Global Risks Report

International Sustainability Standards Board

EU Taxonomy on Sustainable Finance

International Capital Market Association*

GRESB

Carbon-Risk Real Estate Monitor (CRREM)

Science-based Targets Initiative

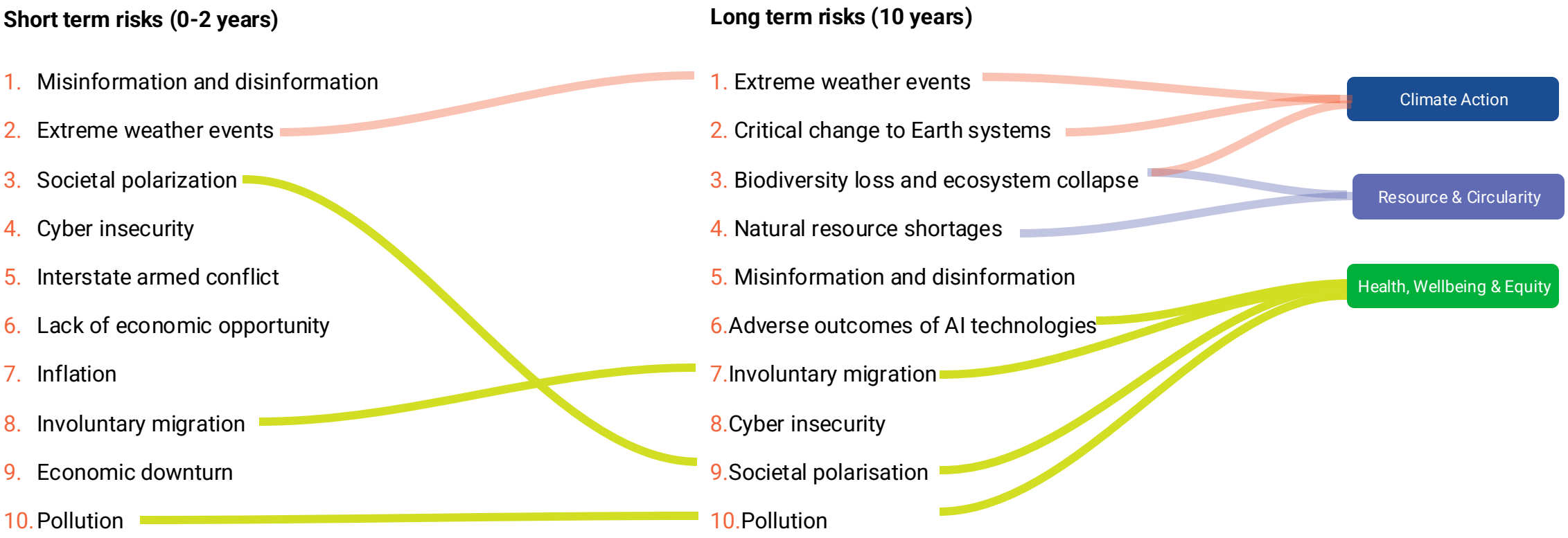
*Includes: The Green Bond Principles, The Social Bond Principles, The Sustainability Bond Guidelines, Climate Transition Finance and The Sustainability-Linked Bond Principles

The Global Risks Report 2024

The World Economic Forum asked more than 1,000 global experts and leaders to identify the critical risks of the next decade

How risks are expected to change over time

Over the next decade, the risk profile for the planet will change*.



*According to the World Economic Forum's Global Risk Report

1 Net zero emissions

2 Climate resilience

3 Nature

4 Circular economy

5 Embodied materials

6 Water cycle

7 Health and wellbeing

8 People and equity

9 Community resilience

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Green Star Buildings transforms the built environment in five ways

01

Reducing the impact of climate change

02

Enhancing our health and quality of life

03

Restoring and protecting our planet's biodiversity and ecosystems

04

Driving resilient outcomes for buildings, fitouts and communities

05

Contributing to market transformation and a sustainable economy


Responsible
Places
Healthy
Nature
Resilient
People
Positive
Leadership


Responsible
Places
Healthy
Nature
Resilient
People
Positive
Leadership

Fast, simple, streamlined reporting

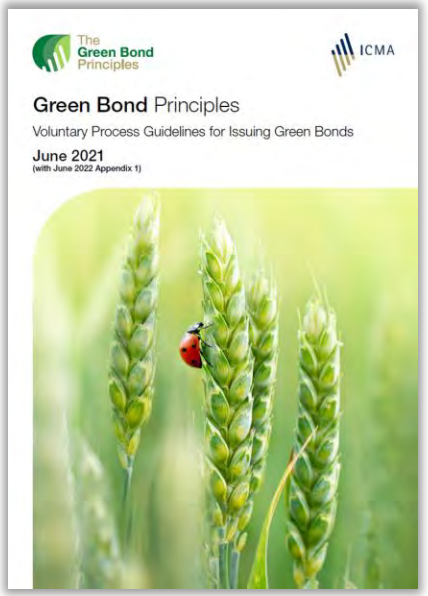
Green Star Buildings has been specifically designed to align with leading frameworks. The result? A project that aligns with expectations and makes the reporting process faster and simpler.

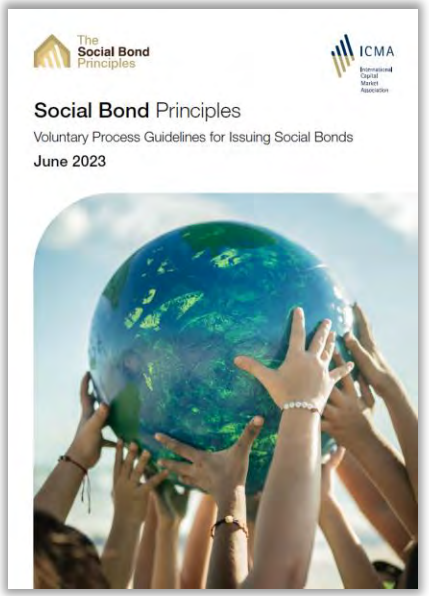
TCFD TASK FORCE ON CLIMATE-RELATED FINANCIAL DISCLOSURES

THE EU TAXONOMY

Climate INITIATIVE Bonds

GRESB


The Green Bond Principles
ICMA
Green Bond Principles
Voluntary Process Guidelines for Issuing Green Bonds
June 2021
(with June 2022 Appendix 1)


The Social Bond Principles
ICMA
Social Bond Principles
Voluntary Process Guidelines for Issuing Social Bonds
June 2023


The Sustainability-Linked Bond Principles
ICMA
Sustainability-Linked Bond Principles
Voluntary Process Guidelines
June 2023

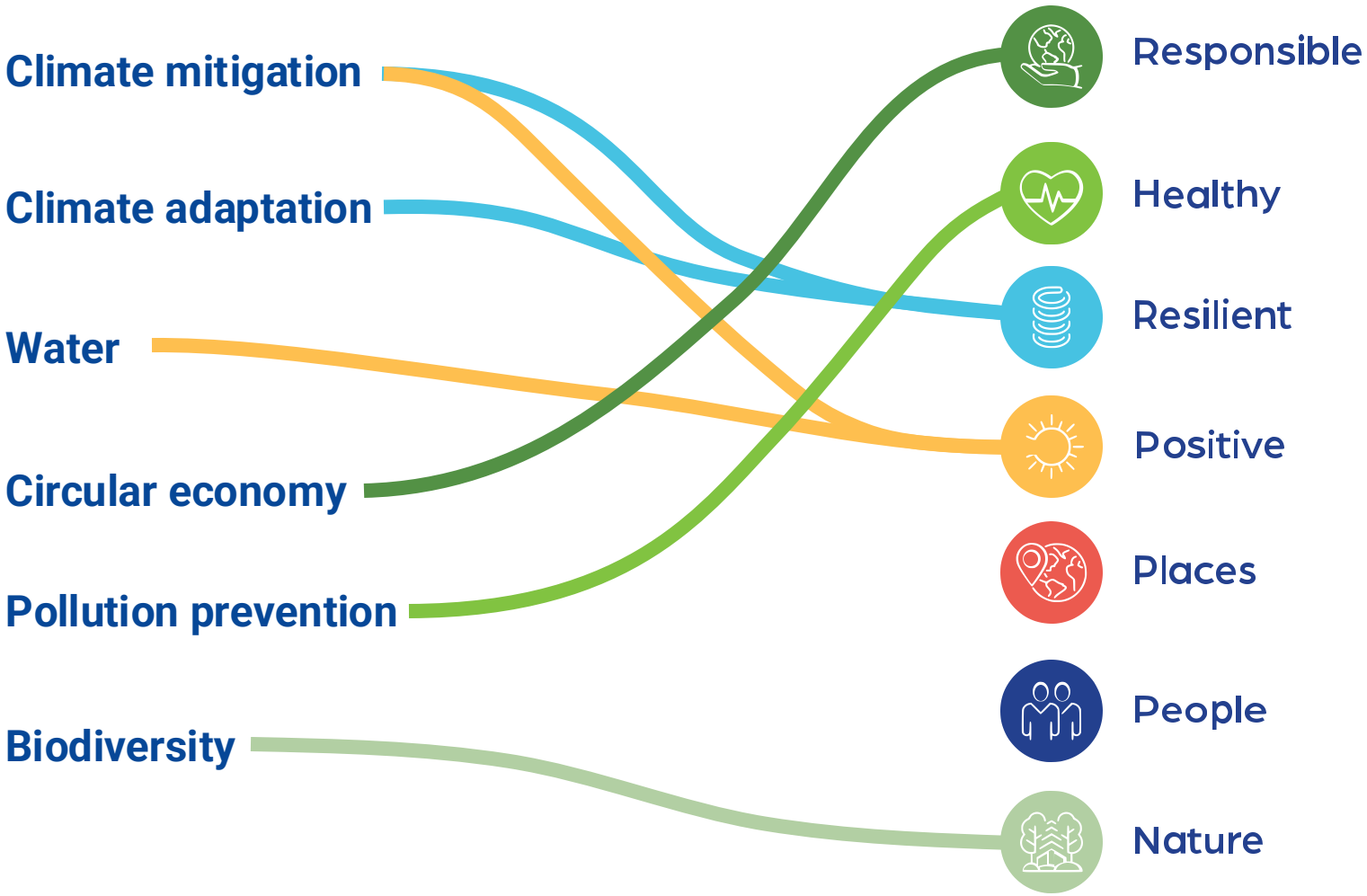

Green Loan Principles
APLMA
LMA
LSTA


Social Loan Principles
APLMA
LMA
LSTA


Climate Transition Finance
ICMA
Climate Transition Finance Handbook
Guidance for Issuers
June 2023
5% CO2
0% CO2


EU TECHNICAL EXPERT GROUP ON SUSTAINABLE FINANCE
FINANCING A SUSTAINABLE EUROPEAN ECONOMY
TECHNICAL REPORT

EU TAXONOMY


Climate mitigation
Climate adaptation
Water
Circular economy
Pollution prevention
Biodiversity
Responsible
Healthy
Resilient
Positive
Places
People
Nature

Link from Climate Bonds directly to Green Star Buildings

Climate Bonds INITIATIVE

&

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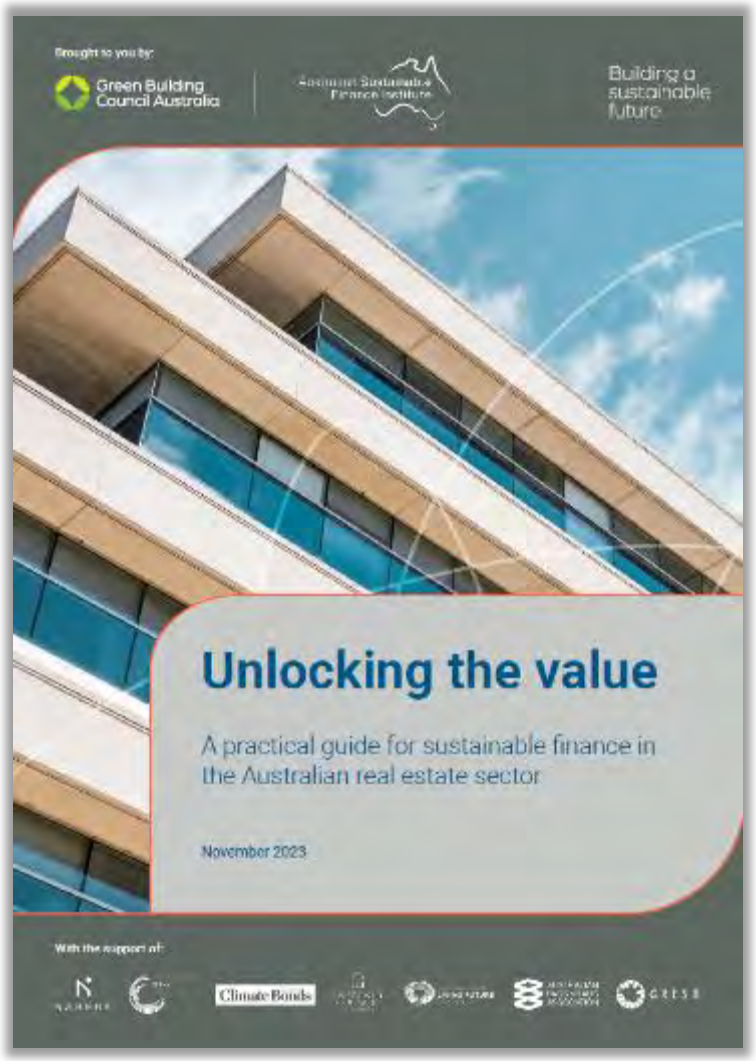
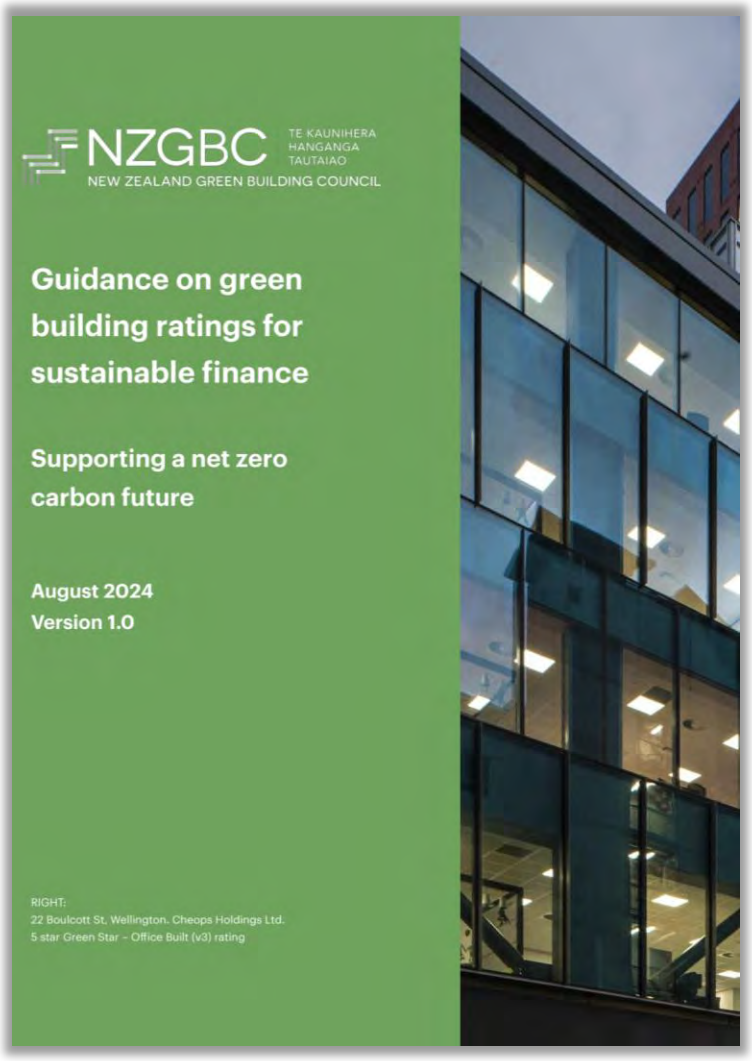
The following complies with CBI's Commercial and Residential Buildings Criteria:

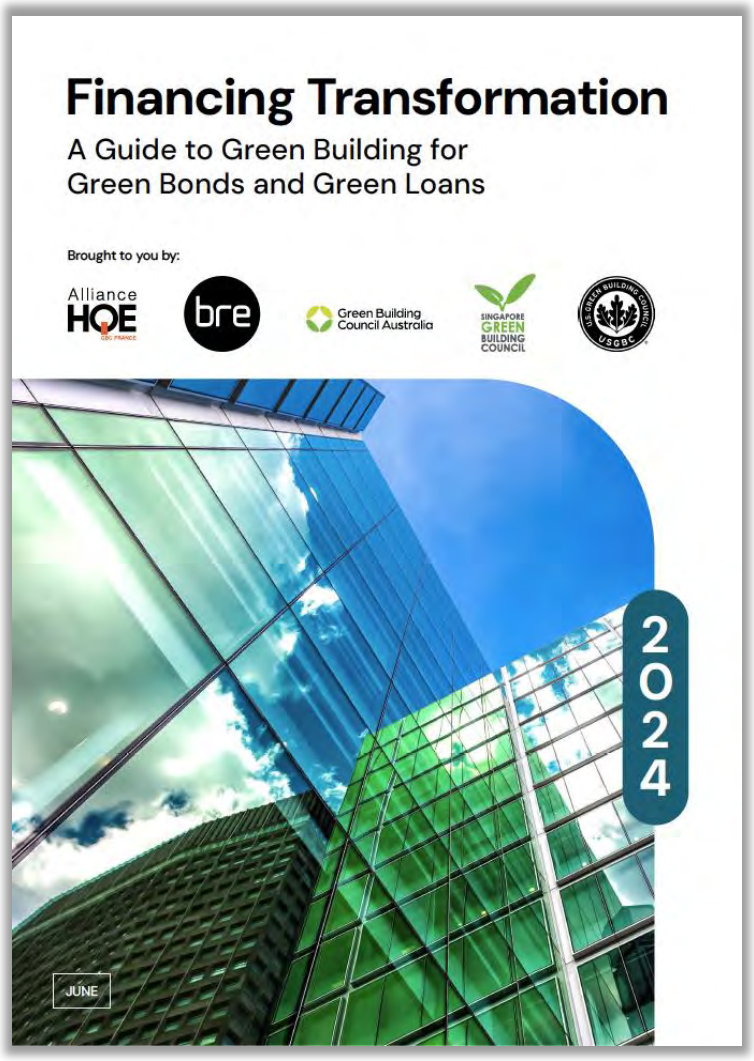
- 6 & 5 Star Green Star Buildings ratings
- All other buildings with a Green Star Buildings rating that follow the climate positive requirements – fossil fuel free, highly efficient and powered by renewables



Australia specific



New Zealand specific



International guide

Helps future proof your asset

8 categories enable you to act on the areas of sustainability that matter most - future proofing a building for the long term.

Responsible

Recognises activities that ensure the building is designed, procured, built, and handed over in a responsible manner.

Healthy

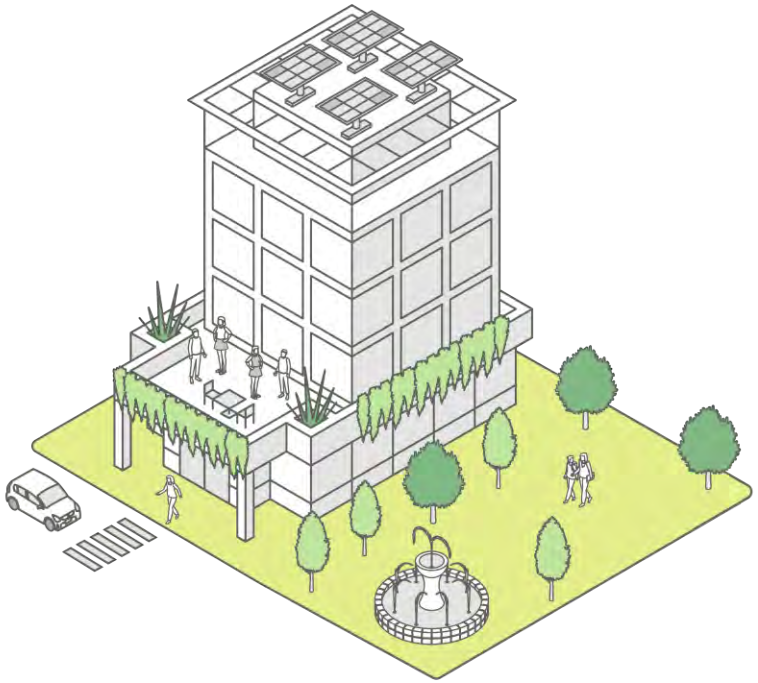
Promotes actions and solutions that improve the physical and mental health of occupants.

Resilient

Encourages solutions that address the capacity of the building to bounce back from short-term shocks and long-term stresses.

Positive

Encourages a positive contribution to key environmental issues to carbon water, and the impact of materials.



Places

Supports the creation of safe, enjoyable, integrated and comfortable places.

People

Encourages solutions that address the social health of the community.

Nature

Encourages active connections between people and nature and rewards creating biodiverse green spaces in cities.

Leadership

Recognises projects that set a strategic direction, build a vision for industry, or enhance the industry's capacity to innovate.

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Responsible Products Framework

New assessment methodology developed with the aim of assisting the supply chain to understand how it must evolve to address the challenges of the next decade. The framework recognises valuable sustainability efforts aligned with five key principles:

- **Responsible** – The product's impacts and contents are transparently disclosed and meet high standards
- **Healthy** – The product is low or non-toxic and drives valuable social outcomes
- **Positive** – The manufacturing process avoids significant environmental impact and delivers climate positive outcomes
- **Circular** – The product is ready for low-carbon production and the circular economy
- **Leadership** – The product manufacturer has shown achievement in an issue that will lead to market transformation

The Ratings

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How Green Star Buildings works

01

Meet Minimum Expectations

For any project to be Green Star certified it must meet 16 minimum expectations.

02

Deliver on the Climate Positive Pathway

Projects registering from 1 July 2024 and targeting 6 star must meet the Net Zero Ready Pathway – a clear set of targets helping you deliver a Net Zero Ready building.*

03

Achieve credits

A project is awarded points for each credit achieved. The total points determine the star rating awarded.

**Please note the requirements for meeting the Net Zero Ready Pathway vary depending on the date of registration. Refer to the submission guidelines for full requirements.*

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The minimum expectations

	CREDIT	BENCHMARK
 Responsible	**Responsible construction**	The site must have an environmental management plan. The builder or head contractor must have an environmental management system (large projects will need to be ISO14001 accredited). 40% of Construction and demolition waste must be recycled. Sustainability training is provided to construction workers.
	Verification & handover	The building must be commissioned and tuned. Appropriate metering must be present.
	Responsible resource management	The building must have appropriate spaces for waste management and an appropriately sized loading dock
 Healthy	**Clean air**	The building must be provided with an adequate amount of outside air. Levels of indoor pollutants are maintained at acceptable levels. Pollutants entering the buildings are minimised.
	Light quality	Glare must be managed. Light fittings must be of good quality. Lighting levels must be appropriate. Daylight must be provided.
	Acoustic comfort	Internal noise levels from services and the outside is limited through an acoustic comfort strategy
	Exposure to toxins	All the paints, adhesives, sealants, and carpets must be low Voc. Engineered wood must be low formaldehyde. There must be no lead, asbestos and PCBs in the building.
	Thermal Comfort and Amenity Spaces	A high degree of thermal comfort is provided to occupants in the space
 Resilient	**Climate change resilience**	The project has done a pre-screening assessment and delineated design choices to mitigate these.
 Positive	**Upfront carbon emissions**	The building has at least 10% less upfront carbon emissions compared to a standard building from materials.
	Energy use	The building has at least a 10% lower energy consumption than a reference building
	Energy source	The building provides a Zero Carbon Action Plan
	Water use	The building has at least a 10% reduction in potable water usage when compared to a reference building
 Places	**Movement and place**	There are showers, lockers and change rooms in the building
 People	**Inclusive construction practices**	There are provisions for providing gender appropriate facilities and personal protective equipment
 Nature	**Impacts to nature**	Ecologically sensitive sites are protected

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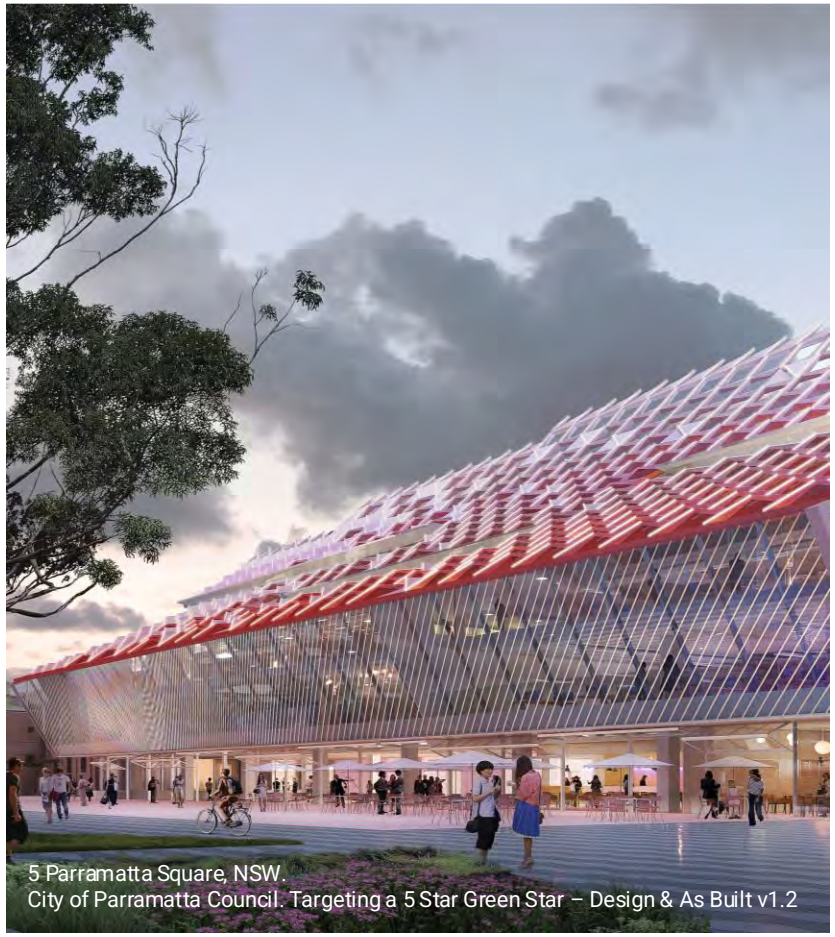
A clear path to reach decarbonisation goals

Green Star Buildings includes the Net Zero Ready Pathway – a clear set of targets aligned with the IPCC recommendations, helping you deliver a Net Zero Ready building that is fossil fuel free, powered by renewables, highly efficient, built with lower carbon materials and offset with nature.

> Green Star Buildings will lead all new buildings to net zero carbon emissions – driving net zero to become the norm.
>
> **TANYA COX | Former Chair, World Green Building Council**



5 Parramatta Square, NSW.
City of Parramatta Council. Targeting a 5 Star Green Star – Design & As Built v1.2

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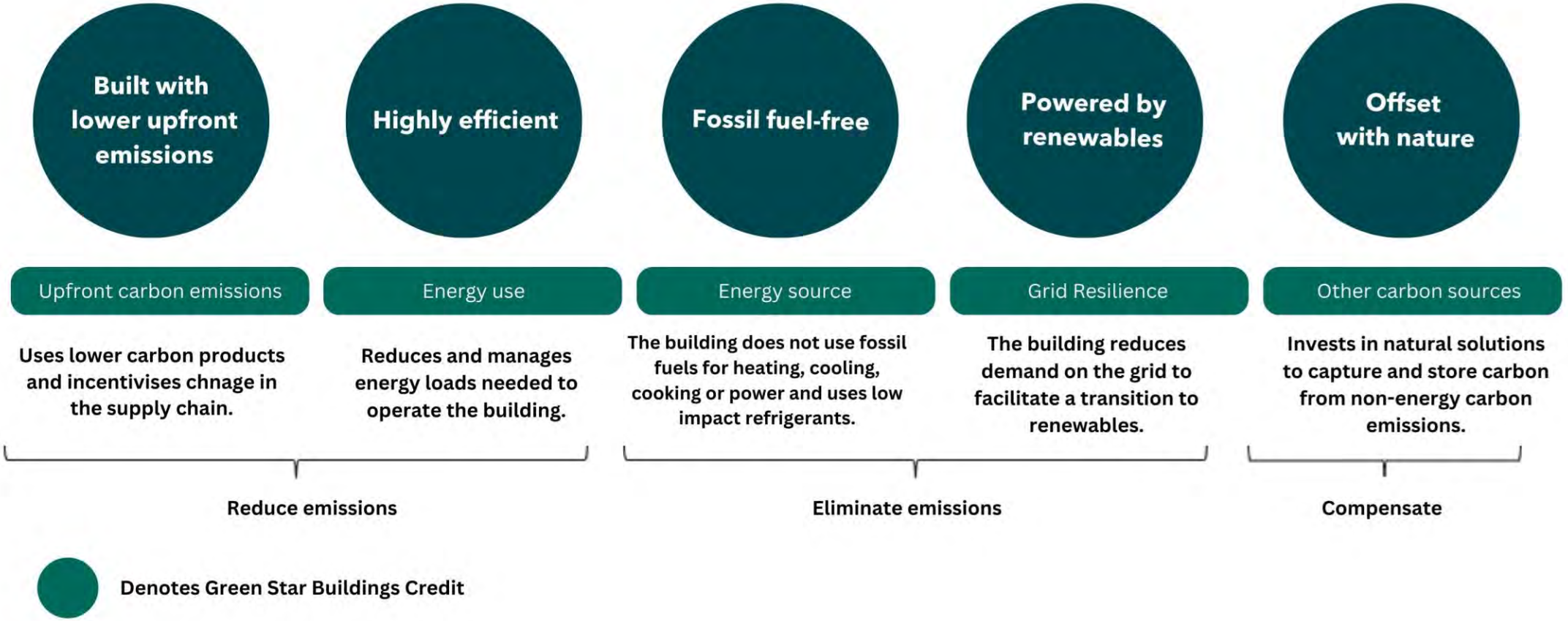
The Net Zero Ready Pathway



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A clear path to reach your decarbonisation goals

The Climate Positive Pathway in Green Star Buildings sets out a clear pathway for delivering Net Zero Ready assets that are fossil fuel free, powered by renewables, highly efficient, built with lower carbon materials and offset with nature.

For **Green Star Buildings,** new assets will need to be:

- Highly efficient
- Fossil fuel free
- Sources all energy from renewables
- Reduces upfront carbon emissions
- Eliminates or offsets **remaining** scope 1 emissions

*Applies from project registration date.

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Credit	Criteria	2024*	2026*	2028*	2030**
Energy Source	Renewable Energy	6 Star	5 Star	All registrations	All certifications
Grid Resilience	10% Peak Reduction	6 Star	5 Star	All registrations	All certifications
Energy Use Reductions over typical building	10% Reduction	All registrations			All certifications
	20% Reduction	6 Star	5 Star	All registrations	All certifications
	30% Reduction				
Upfront Carbon Emissions Reductions over a typical buildings	10% Reduction	All registrations			All certifications
	20% Reduction	6 Star	5 Star	All registrations	All certifications
	40% Reduction			6 Star	All certifications
Other Carbon Emissions	Scope 1 eliminated or offset (refrigerants and fossil fuels)	6 Star	5 Star	All registrations	All certifications
	All remaining emissions offset (embodied carbon and other under control)		6 Star	5 Star	All certifications

* Denotes year of registration
** Denotes year of completion

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Agenda

1. **Green Star Buildings overview**
2. New credits
3. Q and A

Responsible Category

Credit	Minimum Expectation	Credit Achievement	Exceptional Performance
Industry Development		1	
Responsible Construction	X	1	
Verification and Handover	X	1	
Responsible Resource Management	X		
Responsible Procurement		1	
Responsible Structure		3	2
Responsible Envelope		2	2
Responsible Systems		1	1
Responsible Finishes		1	1

Verification and Handover

Outcome

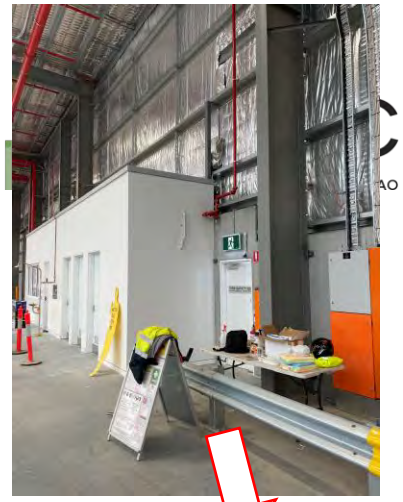
The building has been optimised and handed over to deliver a high level of performance in operation.

Criteria

Minimum Expectation	Nil	• The building is set up for optimum ongoing management due to its appropriate metering and monitoring systems. • The building has set environmental performance targets, designed and tested for airtightness, been commissioned, and will be tuned. • The project team create and deliver operations and maintenance information to the facilities management team at the time of handover. Information is available to building users on how to best use the building.
Credit Achievement	1 point	In addition to the *Minimum Expectation*: • An independent level of verification is provided to the design, planning, commissioning and tuning activities through the involvement of an independent commissioning agent. or • The project uses a soft landings approach that involves the future

Green Star Buildings

Slide courtesy of Sean Maxwell, ATTMA



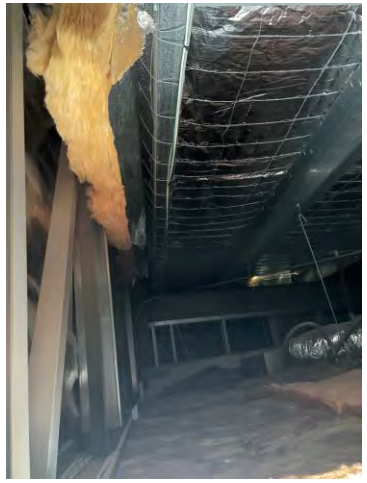
Schematic Design

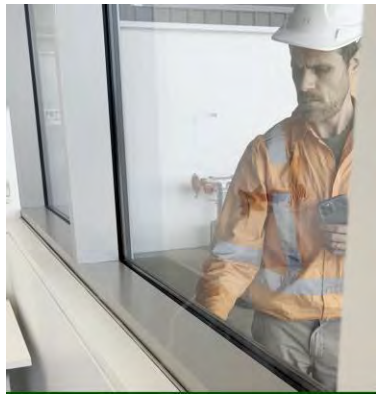
Design Development

Pre-Construction

Construction

Verification





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Responsible Procurement

Outcome

The procurement process for key products, materials, and services for the building's design and construction follows best practice environmental and social principles.

Criteria

Credit Achievement	**1 point**	**Organisations with annual revenue over $ 20 million:** • The building's design and construction procurement processes follow ISO 20400 Sustainable Procurement – Guidance by undertaking a risk and opportunities assessment. • A responsible procurement plan is developed to mitigate risks and implement opportunities identified in the assessment. OR **Organisations with annual revenue less than $ 20 million:** • The building's design and construction procurement processes follow ISO 20400 Sustainable Procurement – Guidance by undertaking a risk and opportunities assessment for the top 5 trade packages by spend that include assessments in: • Human rights • The environment • Risk controls of clauses in tenders, contracts and supplier management should be identified in the assessment.

Responsible Products Framework

New assessment methodology developed with the aim of assisting the supply chain to understand how it must evolve to address the challenges of the next decade. The framework recognises valuable sustainability efforts aligned with five key principles:

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- **Circular** – The product is ready for low-carbon production and the circular economy
- **Leadership** – The product manufacturer has shown achievement in an issue that will lead to market transformation

New Operational Waste calculator and Best Practices guide

A	B	C	D	E	F
calculation more accurate					
- If your building typology is not an option, chose the General / Other typology					
Building Typology	**Size (m^2)**	**Total Waste (L/week)**	**General Waste (L/week)**	**Recycling (L/week)**	**Food Waste (L/week)**
Hotel / Accommodation	0	0	0	0	0
Aged Care	0	0	0	0	0
Office / Admin	0	0	0	0	0
Industrial	0	0	0	0	0
Retail	0	0	0	0	0
Supermarket	3000	54540	16362	33815	4364
General / Other	0	0	0	0	0
		54540	**16362**	**33815**	**4364**
The calculated weekly waste volumes in cells C:18 - F:18 will automatically be included in the SEPARATION worksheet.					
Note: The NZGBC acknowledges that generation rates are not available for all building typologies, and that variations in waste generating activities within thes					
groups are very broad. To include more typology options and variations, we require more data points. If you are interested and willing to provide data for inclu					
calculator, please email greenstarnz@nzgbc.org.nz . All data will be treated as confidential, and utilised for the sole purpose of ensuring our waste generation					
possible.					

Introduction | WASTE CALCULATOR | SEPARATION | STORAGE | ACCESS | DESIGN | DATA | FAQ ...

Healthy Category

Credit	Minimum Expectation	Credit Achievement	Exceptional Performance
Clean Air	X	2	
Light Quality	X	2	2
Acoustic Comfort	X	2	
Exposure to Toxins	X	2	
Thermal Comfort and Amenity Spaces	X	1	1
Connection to Nature		1	1

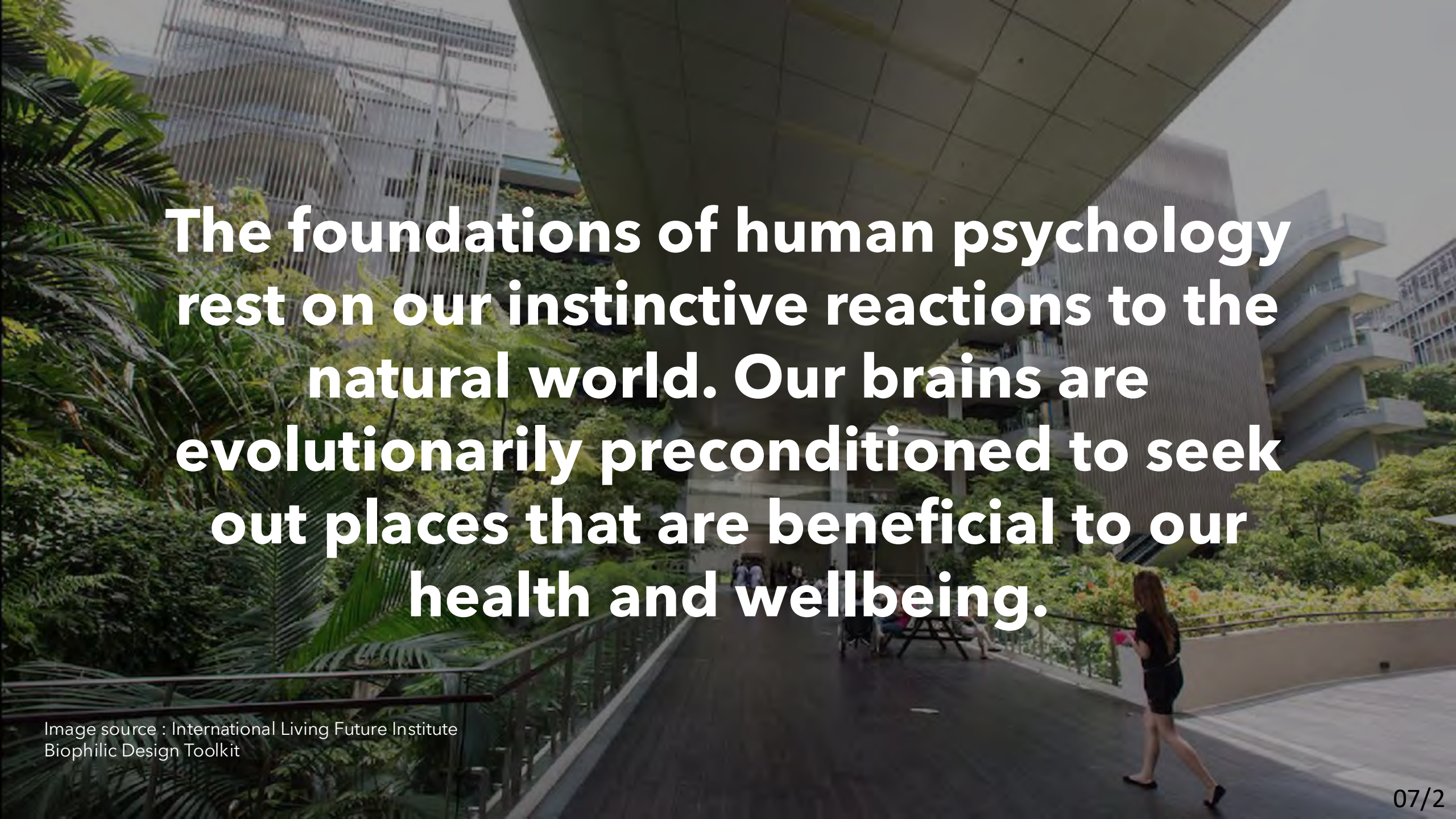
Connection to Nature

Outcome

The building fosters connection to nature for building occupants.

Criteria

Credit Achievement	**1 point**	• The building provides views. • The building includes indoor plants and incorporates nature-inspired design. or • 5% of the building's regularly occupied areas or site area (whichever is greater) is allocated to nature in which occupants can directly engage with.
Exceptional Performance	**1 point**	In conjunction with the *Credit Achievement*: • The building provides views. • The building includes indoor plants and incorporates nature-inspired design. • 5% of the building's regularly occupied areas or site area (whichever is greater) is allocated to nature in which occupants can directly engage with.



The foundations of human psychology rest on our instinctive reactions to the natural world. Our brains are evolutionarily preconditioned to seek out places that are beneficial to our health and wellbeing.

Image source : International Living Future Institute
Biophilic Design Toolkit

Benefits of Biophilic/Nature Inspired Design Evidence

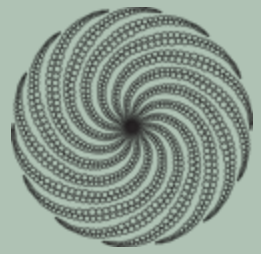
In a **Healthcare environment** the results are spectacular. Post-operative recovery times can be reduced by 8.5%, and the need for pain-reduction medication can be lowered by 22%

Workplace productivity increases by 8%, well-being shoots up by 13%, and in addition to this absenteeism falls and staff are more engaged when in the office.

In an **Education environment** the results are even more exciting! Learning rates can rise by 20-25%, test results improve, concentration levels increase, and ADHD effects are reduced.

In a **Retail environment** customers have said they are willing to pay 8-12% more for goods and services when in a space with biophilic elements, such as plants.

Hotel customers are willing to pay 23% more for rooms with a view of biophilic elements.



SIX BIOPHILIC DESIGN ELEMENTS

BY STEPHEN R. KELLERT

ENVIRONMENTAL FEATURES
NATURAL SHAPES AND FORMS
NATURAL PATTERNS AND PROCESSES
LIGHT AND SPACE
PLACE-BASED RELATIONSHIPS
EVOLVED HUMAN-NATURE RELATIONSHIPS

Resilient Category

Credit	Minimum Expectation	Credit Achievement	Exceptional Performance
Climate Change Resilience	X	1	
Operations Resilience		2	
Community Resilience		1	
Heat Resilience		1	

Community Resilience

Outcome

The building contributes to improving the resilience of the community.

Criteria

Credit Achievement	**1 point**	• The project team undertakes a needs analysis of the community, identifies shocks and stresses that impact the building's ability to service the community, and develops responses to manage these.

Community Needs Analysis

Critical Service	Summary	Shocks	Community Impacts	L	C	Risk Rating	Magnified Stress
Local Economy	No immediate commercial centres nearby	Financial System Failure	• Loss of revenue for local business • Reduced work capacity • Reduced access to goods and services • Reduced disposable income	Unlikely	Major	Medium	• Lack of employment opportunities and diversity • Rising inequity • Housing affordability
		Infrastructure Failure		Possible	Minor	Medium	
Water	Building and surrounds reliant on mains water	Water Crisis	• Reduced access to potable water • Water restrictions • Impacts to health and wellbeing of vulnerable community members	Possible	Minor	Low	• Chronic illnesses • Demand on health services • Demand on water services • Inequality
		Natural Hazard		Likely	Major	High	
		Infrastructure Failure		Unlikely	Moderate	Medium	

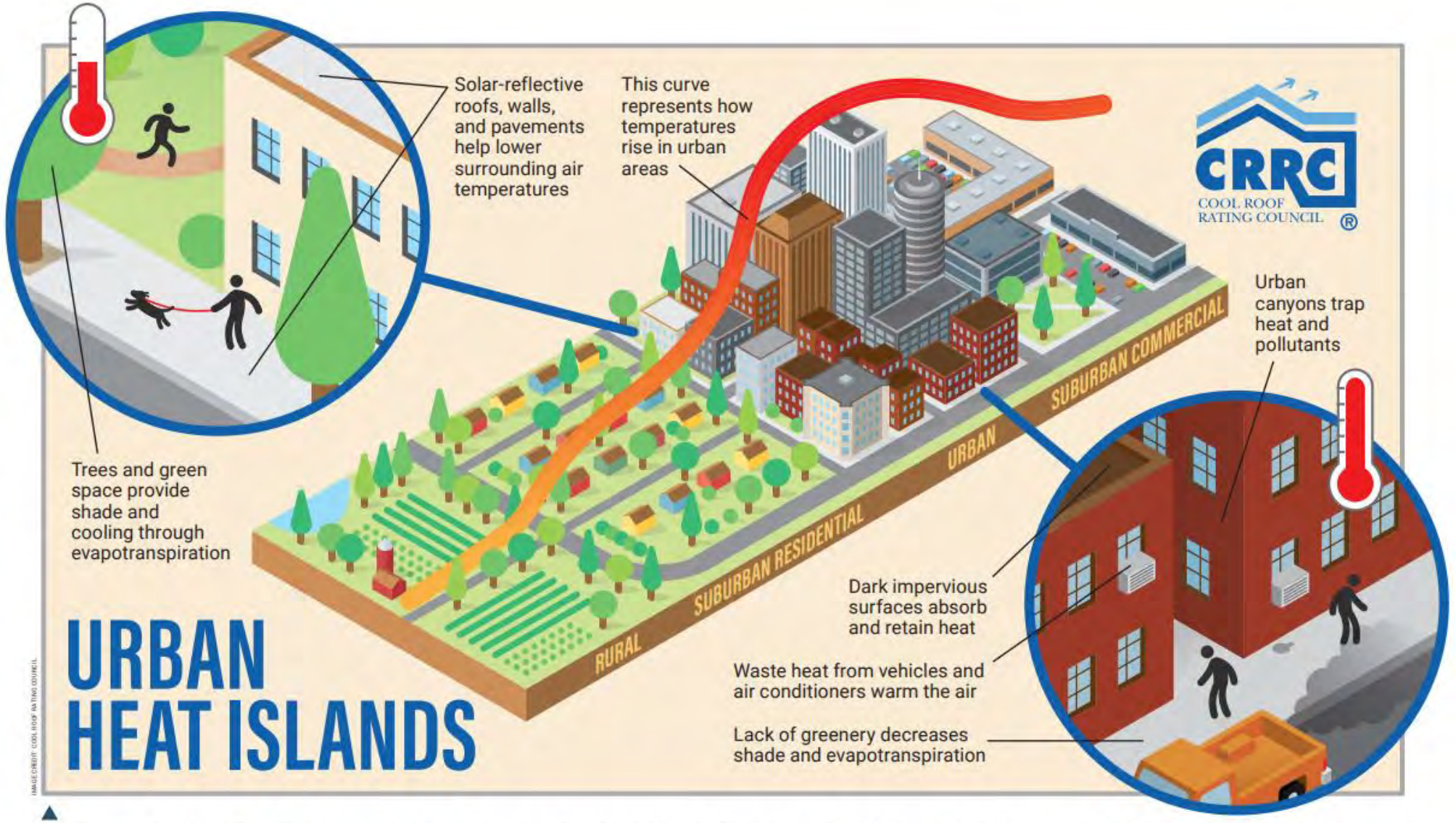
Heat Resilience

Outcome

The building reduces its impact on heat island effect.

Criteria

Credit Achievement	**1 points**	• At least 75% of the whole site area comprises of one or a combination of strategies that reduce the heat island effect.



▲

This illustration describes the factors that contribute to urban heat islands (UHI), as well as factors that help mitigate UHI. Urban heat islands occur when the temperature in urban environments is higher than surrounding areas. High surface temperatures lead to elevated air temperatures, especially at night. Heat islands increase heat-related discomfort, illness, and death. They also cause greater air conditioner use, which increases energy costs and air pollution. Urban heat has a disproportionate impact on disadvantaged communities. (Hsu et al., 2021; Hoffman et al., 2020; and Wilson, 2020).

Positive Category

Credit	Minimum Expectation	Credit Achievement	Exceptional Performance
Grid Resilience*		2	2
Upfront Carbon Emissions*	X	4	4
Energy Use*	X	3	4
Energy Source*	X	1	1
Other Carbon Emissions*		2	2
Water Use	X	3	3
Life Cycle Impacts		1	1

Places Category

Credit	Minimum Expectation	Credit Achievement	Exceptional Performance
Movement and Place		3	
Enjoyable Places		2	
Contribution to Place		2	
Culture, Heritage, and Identity		1	

Enjoyable Places

Outcome

The building provides places that are enjoyable and inclusive.

Criteria

Credit Achievement	**2 points**	• The building delivers memorable, beautiful, vibrant communal or public places where people want to gather and participate in the community. • The spaces are inclusive, safe, flexible, and enjoyable.

Contribution to Place

Outcome

The building's design makes a positive contribution to the quality of the public environment.

Criteria

Credit Achievement	**2 points**	• The building's design contributes toward creating well-functioning urban environments and enhances the public realm. or • Independent reviews are held during the development of the design.

Culture, Heritage and Identity

Outcome

The building reflects local culture, heritage, and identity.

Criteria

Credit Achievement	**1 point**	• The building's design reflects and celebrates local demographics and identities, the history of the place, and any hidden or minority entities. or • This outcome was arrived through meaningful engagement with community groups early in the design process.

People Category

Credit	Minimum Expectation	Credit Achievement	Exceptional Performance
Inclusive Construction Practices	X	1	
Tohu Mauri Ora		2	
Procurement & Workforce Inclusion		2	1
Design for Inclusion		2	1

Inclusive Construction Practices

Outcome

The builder's construction practices promote diversity and reduces physical and mental health impacts.

Criteria

Minimum Expectation	**Nil**	• During the building's construction, the head contractor provides inclusive facilities and protective equipment. The head contractor also installs policies on-site to increase awareness and reduces instances of discrimination, racism, and bullying.
Credit Achievement	**1 point**	In addition to the *Minimum Expectation*: • Policies and/or programs implemented are relevant to construction workers on site. • The head contractor provides high quality staff support on-site to reduce at least five key physical and mental health impacts. • The effectiveness of the interventions is evaluated.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WOMEN

Tohu Mauri Ora

Ngā Hua | Outcome

Te whakarauoratanga o te mauri o te taiao me ngā hapori.

To regenerate and enhance the mauri of the environment and communities through partnership with and/or leadership by local hapū/iwi.

Ngā Paearu | Criteria

Credit Achievement	**1 point**	Work with the local hapū/iwi to identify their priorities for the project and demonstrate how these have been achieved to their satisfaction.
Exceptional Performance	**1 point**	In conjunction with the *Credit Achievement:* The project team creates an enduring relationship with the local hapū/iwi beyond the project scope and timeframe. The project team has worked collaboratively with the local hapū/iwi throughout the duration of the project to achieve above and beyond what their project priorities are.

Procurement and Workforce Inclusion

Outcome

The building's construction facilitates workforce participation and economic development of disadvantaged and under-represented groups.

Criteria

Credit Achievement	**2 points**	The project implements a social procurement plan. At least 1% of the building's total contract value has been directed to generate quality employment opportunities for disadvantaged and under-represented groups.
Exceptional Performance	**1 points**	In conjunction with the *Credit Achievement*: The project implements a social procurement plan. At least 2% of the building's total contract value has been directed to generate quality employment opportunities for disadvantaged and under-represented groups.

Design for Inclusion

Outcome

The building is welcoming to a diverse population and is welcoming to their needs.

Criteria

Credit Achievement	**2 points**	• The building is designed and constructed to be inclusive to a diverse range of people with different needs. • A needs analysis is conducted as a result of an engagement with target groups.
Exceptional Performance	**1 point**	In addition to the *Credit Achievement*: • The building delivers three or more inclusive design actions that are beyond the Credit Achievement checklist.

If you are actively designing for the disabled and access community (25%>) then you're designing for absolutely everyone (100%).

Inclusive Spaces

Nature Category

Credit	Minimum Expectation	Credit Achievement	Exceptional Performance
Impacts to Nature	X	2	-
Biodiversity Enhancement		2	2
Nature Connectivity		2	-
Nature Stewardship		2	-
Waterway protection		2	2

Case Study #2

PROJECT STATS

- Landscaped area is 58,746 m²
- Plant species span 21 plant families, 38 genera and 60 individual species
- Over 97% of plantings are indigenous species
- No species classed as invasive or listed on any weed register
- 37 significant nesting trees
- Hoary Sunray (endangered species)

Black Wattle, *Acacia mearnsii*

Willow Myrtle,
Agonis flexuosa 'Burgundy'

Hoary Sunray, *Leucochrysum albicans*

Impacts to Nature

Outcome

Ecological value is conserved and protected.

Criteria

Minimum Expectation	**Nil**	• The building was not built on, or significantly impacted, a site with a high ecological value. • The building's light pollution has been minimised. • There is ongoing monitoring, reporting, and management of sensitive ecosystems within the site.
Credit Achievement	**2 points**	In addition to the *Minimum Expectation*: • The building's design and construction conserves existing natural soil, hydrological flows, and indigenous vegetation elements. • If deemed necessary by an Ecologist, at least 50% of existing site with high indigenous- biodiversity value is retained.

Biodiversity Enhancement

Outcome

The building's landscape enhances the biodiversity of the site.

Criteria

Credit Achievement	**2 points**	• The building's site includes an appropriate landscape area. • The landscaping includes a diversity of species and prioritises the use of climate-resilient and indigenous plants. • The landscape design includes refuge and/or food for native fauna including birds, reptiles, amphibians, insects and other invertebrates as appropriate to the ecological context. • The project team develops a site-specific Biodiversity Management Plan and provides it to the building owner or building owner representative.
Exceptional Performance	**2 points**	In addition to the *Credit Achievement*: • A greater area of landscaping is provided. • The landscaping includes "at risk" and/or "threatened" indigenous flora species, or planting which provides habitat for "at risk" and/or "threatened" indigenous fauna species.

Nature Connectivity

Outcome

Wildlife movement is facilitated within and adjacent to the site.

Criteria

Credit Achievement	**2 points**	• The site must be built to encourage species connectivity through the site, and to adjacent sites. If there is a wider nature strategy as relevant to the project, the project should contribute to it.

Landscape Spaces In Between Buildings

Landscape on Building Structure

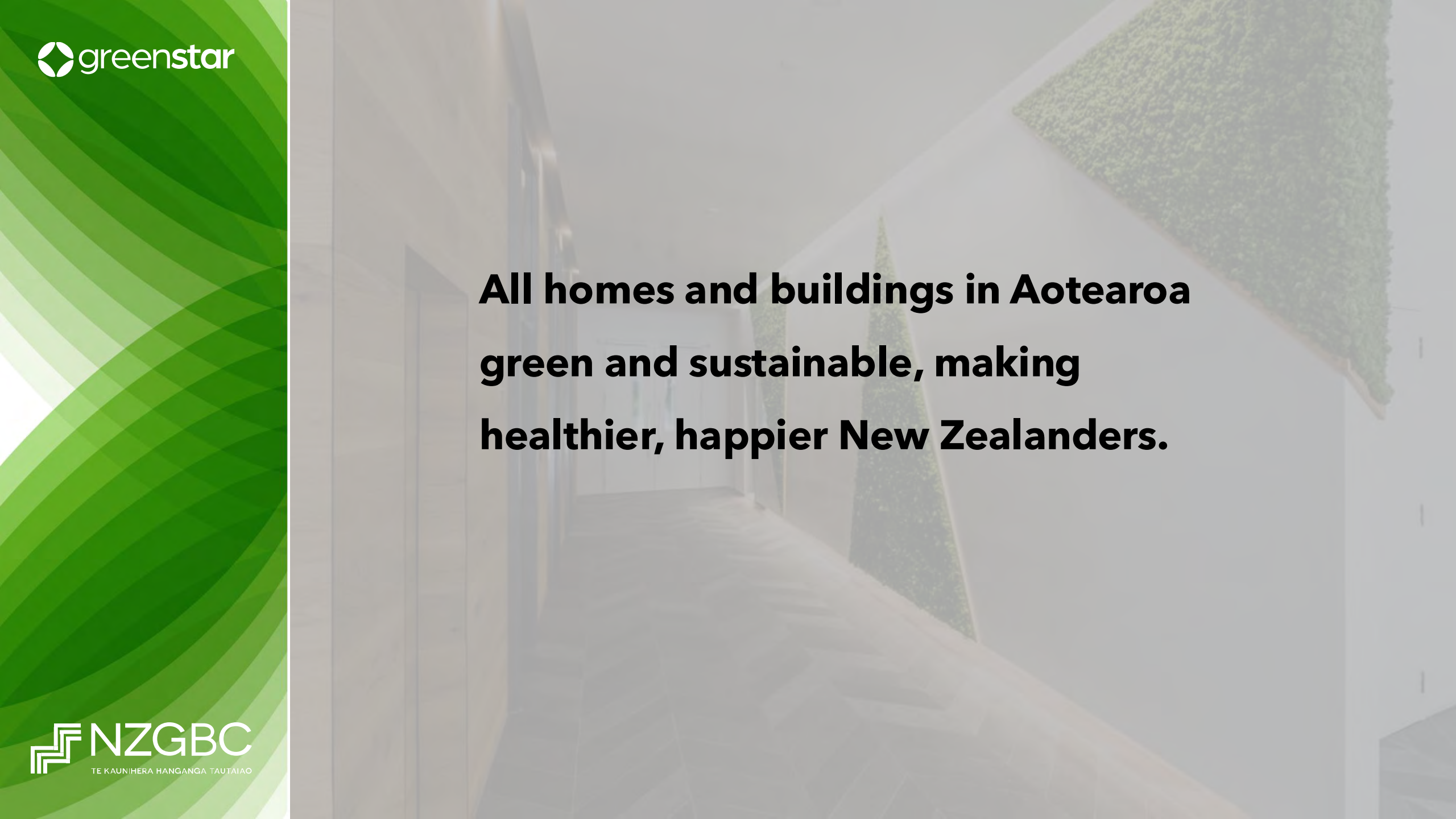
Nature Stewardship

Outcome

Biodiversity is restored beyond the building site.

Criteria

Credit Achievement	**2 points**	• Areas of restoration or protection are provided. • Restoration or protection activities are beyond the development's boundary. • The building owner, as part of the project's development, undertakes activities that protects or restores biodiversity at scale. • These actions occur beyond legislated requirements.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Hei konā mai!

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Ngā mihi nui