

Green Star–Design & As Built/ Living Building Challenge 3.1

Approaches to buildings
or fitouts seeking a dual rating



Sustainable Buildings Research Centre, University of Wollongong



Developed by the
Green Building Council of Australia



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Document Information

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Partnering to deliver positive and restorative buildings

The Green Building Council of Australia (GBCA) and the International Living Future Institute (ILFI) have agreed to work collaboratively to promote the design, construction and operations of positive and restorative buildings in Australia. The International Living Future Institute is represented in Australia by the Living Future Institute Australia (LFIA).

The two organisations announced the partnership in 2016 after signing a memorandum of understanding which outlines their commitment to work towards common goals. The three organisations will now all work together to identify opportunities to align the two rating systems, develop events and education offerings, and promote building practices that significantly raise the standard of what green buildings should be.

About Green Star – Design & As Built

Launched by the GBCA in 2003, Green Star is an internationally-recognised sustainability rating system that sets best practice benchmarks for the design, construction and operation of buildings, fitouts and communities.

A trusted mark of quality, Green Star has transformed Australia's built environment. More than 1,300 projects – the equivalent to 21 million square metres of space – have achieved Green Star ratings, delivering environmental efficiencies while recognising the implementation of resilient, restorative solutions.

The Green Star rating system features four rating tools:

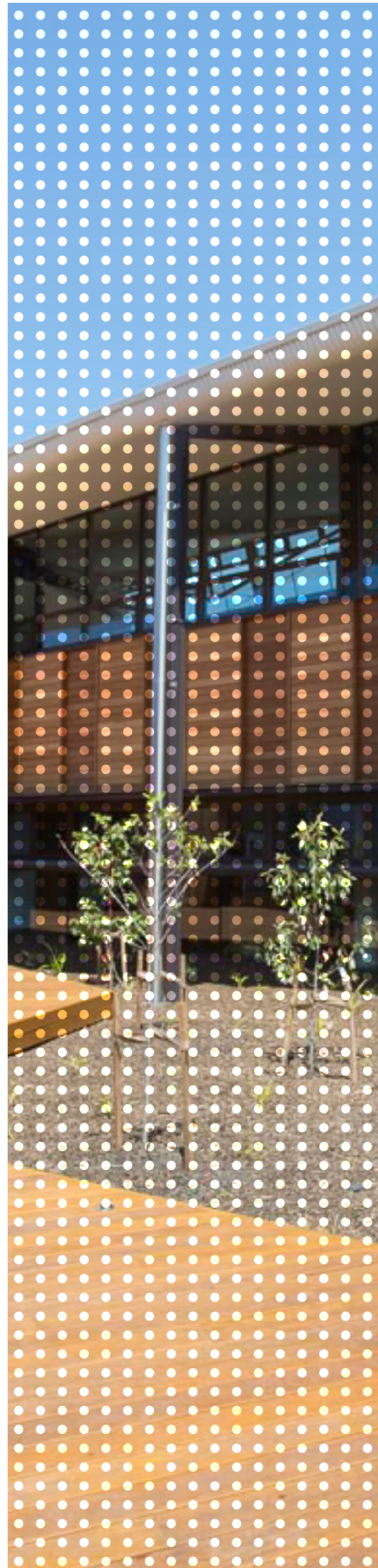
- Green Star – Design & As Built for building design and construction



- Green Star – Interiors for fitout design and construction
- Green Star – Performance for building operations and maintenance
- Green Star – Communities for precinct planning and development

Green Star-rated buildings and fitouts are assessed against nine impact categories: Management, Indoor Environment Quality, Energy, Transport, Water, Materials, Land Use & Ecology, Emissions and Innovation

The GBCA understands that sustainable buildings not only addresses environmental impact, but social and economic impact too. Green Star can help building owners and manages costs, boost productivity, enhance their brands and demonstrate their long-term commitment to improving our planet.



About the Living Building Challenge

The Living Building Challenge is the built environment's most rigorous and ambitious performance standard. The program was launched in 2006 and is administered by the International Living Future Institute, a non-profit organization offering green building and infrastructure solutions at every scale—from small renovations to whole cities. The mission of the Institute is to lead and support the transformation toward communities that are socially just, culturally rich and ecologically restorative.

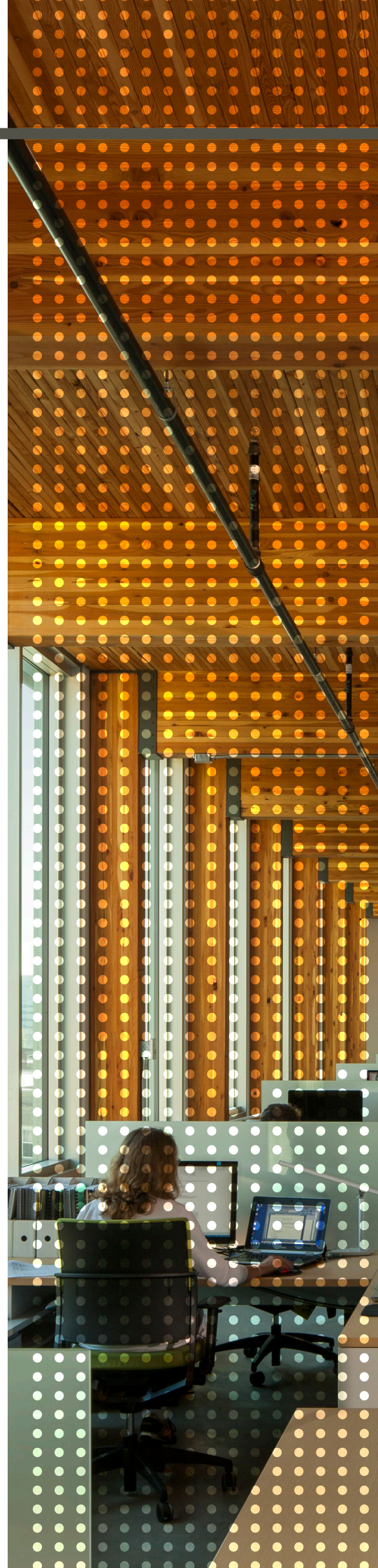
The Living Building Challenge is a green building certification program and sustainable design framework that has re-framed the conversation to visualize the ideal for the built environment. It uses the metaphor of a flower because the ideal built environment should function as cleanly and efficiently as a flower. Certification is based on seven Petals: Place, Water, Energy, Health + Happiness, Materials, Equity, and Beauty.

Certification is based on actual performance, rather than modeled or anticipated outcomes. Therefore, projects must be operational for at least twelve consecutive months prior to evaluation.

Projects earn Living Certification by achieving all Imperatives assigned to a Typology (either Renovation, Landscape/Infrastructure or Building), Petal Certification by satisfying the requirements of at least three Petals (at least one of which must be either Water, Energy or Materials), or Net Zero Energy Building Certification by using on-site renewables to meet 100 percent of their energy needs.

Living Buildings give more than they take, creating a positive impact on the human and natural systems that interact with them.

Learn about our other initiatives and programs on our website: living-future.org



Purpose of this document

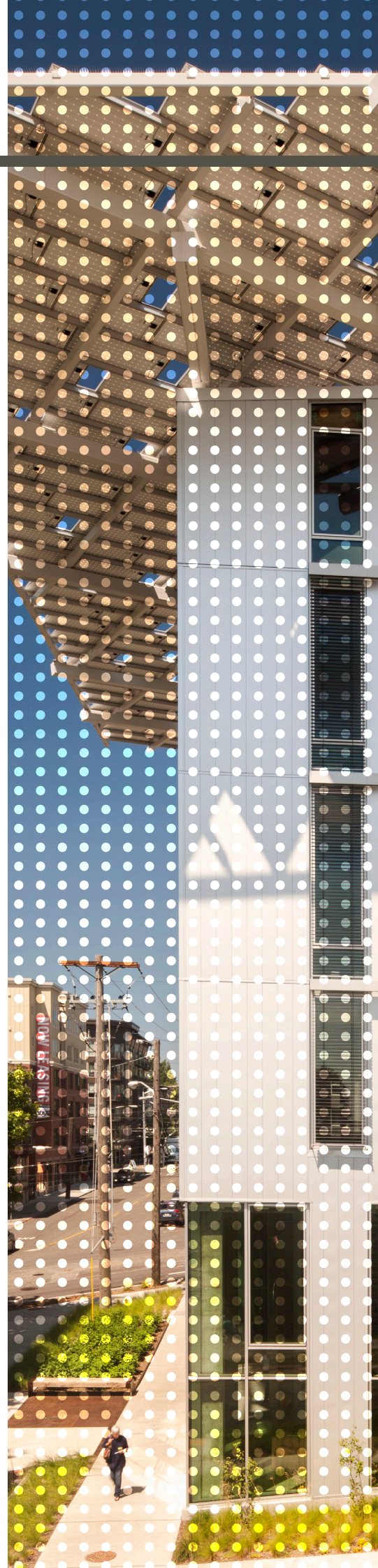
GBCA and ILFI recognise the value of multiple certifications for projects pursuing both Green Star and Living Building Challenge in order to promote holistic environmental and social outcomes at a building level.

This document provides assistance for new buildings seeking to obtain both a certified Green Star – Design & As Built rating and a Living Building Challenge Certified rating. To simplify the process for projects pursuing both programs, GBCA and ILFI have developed the following guidance to show how Green Star can assist in obtaining either a Living, Petal or Net Zero Energy Certification under the Living Building Challenge. It also shows how Living Building Challenge Imperatives are recognised in Green Star.

Typically, the Green Star credit will act as a stepping stone to achieving a corresponding Living Building Challenge Imperative. This means there will be outstanding imperative requirements that will still need to be met, even if the relevant Green Star credit is achieved. However, in many cases, the specific design and construction features promoted by Green Star will generally be the largest order of magnitude of investment.

Unless noted, this document addresses Green Star – Design & As Built v1.1 and the Living Building Challenge v3.1. In some cases, due to the scale jumping mechanism in the Living Building Challenge, Green Star – Communities v1 or Green Star – Interiors may be referenced. In addition, as the Living Building Challenge contains an on-site verification element after a twelve-month performance period, Green Star – Performance v1.1 credits may be relevant and noted.

It is noted that a project will typically pursue a Green Star – Design & As Built v1.1 and Living Building Challenge 3.1 rating only, however the comparison has been extended to other Green Star rating tools for additional reference.



How to read this document

This document maps out Green Star credits (Credits) and criteria which may contribute to achieving Living Building Challenge imperatives (Imperatives). It also does the reverse, showing which Imperatives may contribute to achieving Credits and criteria.

ILFI have evaluated this mapping and have provided rulings of equivalency for entire Imperatives or parts that are satisfied by the Credits identified. GBCA has provided guidance to recognise certain Imperatives in Green Star credits, and to provide guidance on the use of Imperatives as innovation credits.

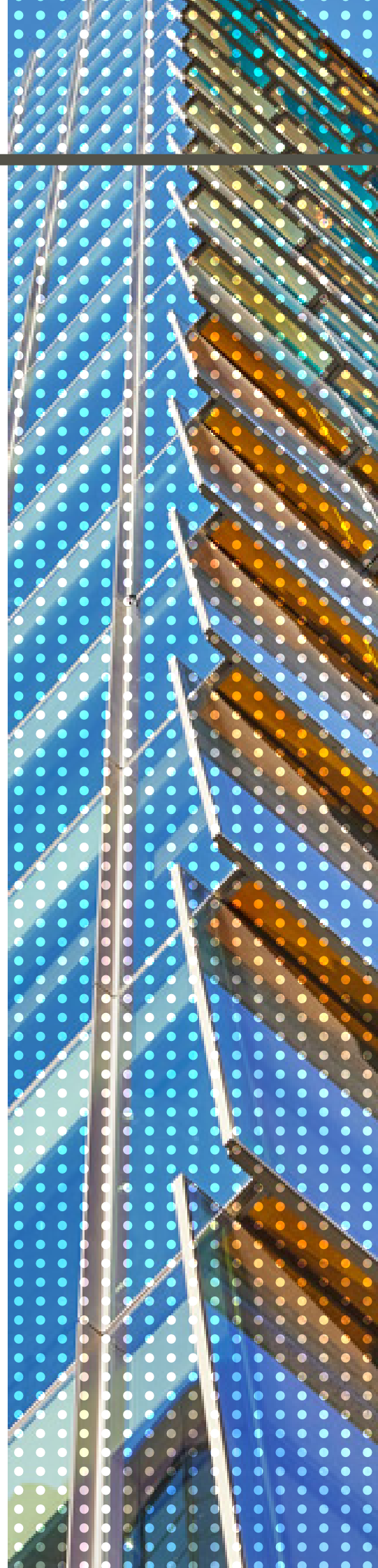
When the level of fulfilment is considered equivalent, it indicates that an Imperative or Credit has been evaluated and deemed satisfactory to achieve both systems' intent. The awarded Imperative or Credit can be used as verification the issue has been satisfied, reducing the team to submit documentation multiple times.

The document outlines a level of fulfilment for each Imperative and Credit the Living Building Challenge and Green Star respectively. A level of fulfilment is assigned as with an icon as follows:

Complete	Partial	Not Aligned
✓	▲	--

The specifics of what is needed to fully comply when the listed Imperatives or Credits marked as "partial fulfilment" is provided in the Detailed Comparison section below.

This analysis has been based on Green Star – Design & As Built v1.1, Green Star – Performance v1.1, Green Star – Communities v1 and the Living Building Challenge 3.1. It is noted that a project will typically pursue a Green Star – Design & As Built v1.1 and Living Building Challenge 3.1 rating only, however the comparison has been extended to other Green Star rating tools for additional reference.



- When the level of fulfilment is considered 'Complete', it refers to both the Green Star and Living Building Challenge imperative sharing the same outcome. Typically, the achievement of the Living Building Challenge imperative will address all requirements in the relevant Green Star credit. Specific thresholds that must be met are outlined in the Detailed Comparison table.
- When the level of fulfilment is considered 'Partial', it refers to both the Green Star and Living Building Challenge imperative sharing a similar outcome, though the fulfilment of Green Star will only partially meet the requirements of the imperative and/or vice versa. In this case, additional steps typically will be required to complete fulfilment of the Imperative or Credit.
- Where an Imperative or Credit is marked as 'Not Aligned', this means that it is currently not addressed in one of the programs, or there are similarities of intent but the requirements or focus are sufficiently disparate to resist direct comparison. Some such Imperatives, however, may be recognised under the Innovation category.



How to apply equivalent outcomes to your project

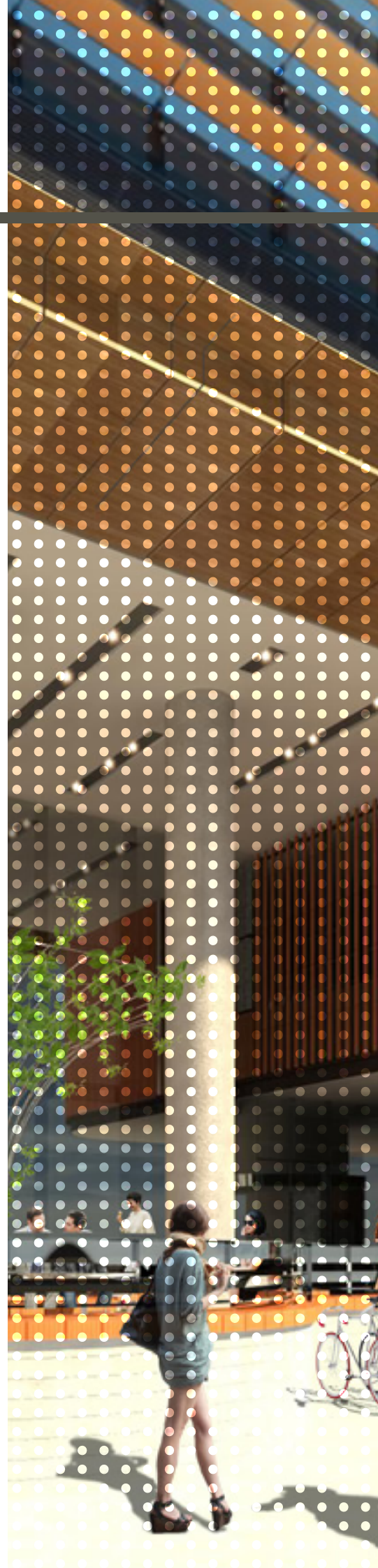
ILFI and GBCA have agreed upon the equivalent outcomes identified in this document. The tables on the following pages detail Green Star credits deemed either fully or partially equivalent to Living Building Challenge Imperatives, and vice versa. Please note that the different levels of equivalency are defined under the 'How to read this document' section above.

In order to streamline the certification process, reduced documentation may be submitted where outcomes have already been verified in the alternate rating program. Project teams are required to demonstrate that outcomes being applied have been verified with appropriate supporting evidence.

Claiming Green Star outcomes in Living Building Challenge

Where a project has achieved a Green Star certified rating and seeks to apply these efforts to achieve a Living Building Challenge Living, Petal or Net Zero Energy Certification, the project should submit the following during the Living Building Challenge Audit:

- Short report identifying which Green Star credits are being used to claim Living Building Challenge imperatives, in line with the guidance provided in this document; and
- Supporting evidence for each Living Building Challenge Imperative or part utilising Green Star equivalency
 - o Credits that are “Complete” fulfilment of LBC Imperatives may provide proof of awarded Green Star credit(s), and specific thresholds as needed, in lieu of the Living Building Challenge documentation for those Imperatives.
 - o Credits that are “Partial” fulfilment of LBC Imperatives must provide proof of awarded Green Star credit(s) as well as documentation of the fulfilment of all listed additional requirements.



Claiming Living Building Challenge outcomes in Green Star

Where a project has achieved Living Building Challenge certification or Petal certification and seeks to apply these outcomes to achieve a Green Star rating, the project team must submit full documentation as per the Green Star credit. This is due to the Green Star certification occurring at an earlier time than either Living Building Challenge, or Petal certification.

If the project team wishes to submit alternative documentation, the team is required to submit a Credit Interpretation Request (CIR) to GBCA which includes the following:

- Short report identifying which Imperatives are being used to claim Green Star credits, in line with the guidance provided in this document; and
- Supporting evidence that all relevant Imperatives have been achieved. The CIR response will provide any further guidance required for the project's Green Star submission.



Outcomes comparison: Living Building Challenge to Green Star

This table provides a bird's eye view of the outcomes from both Green Star and the Living Building Challenge 3.1 and how Green Star can assist in meeting Living Building Challenge imperatives. Unless noted, all credits relate to Green Star – Design & As Built v1.1.



	Living Building Challenge Imperative might be fully or partially met by:	Green Star credit(s)	
01	Limits to Growth	24. Sustainable Sites	✓
02	Urban Agriculture	23. Ecological Value (Green Star - Communities) 14.2 Local Food Production	▲
03	Habitat Exchange	-	--
04	Human-Powered Living	17. Sustainable Transport	▲
05	Net Positive Water	6. Metering and Monitoring 18. Potable Water 26. Stormwater	▲
06	Net Positive Energy	6. Metering and Monitoring 15. Greenhouse Gas Emissions 16. Peak Electricity Demand Reduction	▲
07	Civilized Environment	9.2 Provision of Outdoor Air 12 Visual Comfort	✓
08	Healthy Interior Environment	9.1 Ventilation System Attributes 9.3 Exhaust or Elimination of Pollutants 30E Global Sustainability: Green Star - Performance 'Green Cleaning'	▲
09	Biophilic Environment	-	--
10	Red List	- 13 Indoor Pollutants - 20 Responsible Building Materials (20.3A only) - 29 Refrigerant Impacts	▲
11	Embodied Carbon Footprint	19A Life Cycle Assessment	▲
12	Responsible Industry	20.2 Responsible Building Materials: Timber Products 21. Sustainable Products	▲
13	Living Economy Sourcing	-	--
14	Net Positive Waste	5.2 End of Life Waste Performance 7. Environmental Management Plan 8. Operational Waste 19B.3 Life Cycle Impacts - Building Reuse 21. Sustainable Products 22B. Construction and Demolition Waste	▲
15	Human Scale + Human Places	-	--
16	Universal Access to Nature & Place	30D. Innovation Challenge Universal Design	✓
17	Equitable Investment	30D Innovation Challenge: Social Enterprise	▲
18	Just Organizations	-	--
19	Beauty & Spirit	-	--
20	Inspiration & Education	-	--

Outcomes comparison: Green Star to Living Building Challenge



This table provides an overview of the outcomes from both Green Star and Living Building Challenge and how Living Building Challenge can assist in meeting Green Star credits

	Green Star Credit or Criteria might be fully or partially met by:	Living Building Challenge Imperative	
01	Green Star Accredited Professional	-	--
02	Commissioning and Tuning	-	--
03	Adaptation and Resilience	-	--
04	Building Information	20. Inspiration and Education	✓
05	Commitment to Performance 5.1 Environmental Building Performance 5.2 End of Life Waste Performance	14. Net Positive Waste	-- ▲
06	Metering and Monitoring	05. Net Positive Water 06. Net Positive Energy	▲
07	Construction Environmental Management	14. Net Positive Waste	▲
08	Operational Waste	14. Net Positive Waste	▲
09	Indoor Air Quality 9.1 Ventilation System Attributes 9.2 Provision of Outdoor Air 9.3 Exhaust or Elimination of Pollutants	- 08. Healthy Interior Environment 07. Civilized Environment 08. Healthy Interior Environment	▲ ✓ ✓
10	Acoustic Comfort		--
11	Lighting Comfort		--
12	Visual Comfort 12.0 Glare Reduction 12.1 Daylight 12.2 Views	07. Civilized Environment 07. Civilized Environment	-- ✓ ✓
13	Indoor Pollutants	10. Red List	▲
14	Thermal Comfort	-	--
15	Greenhouse Gas Emissions	06. Net Positive Energy	✓
16	Peak Electricity Demand Reduction	06. Net Positive Energy	✓
17	Sustainable Transport	04. Human-powered Living	▲
18	Potable Water	05. Net Positive Water	✓
19	Life Cycle Impacts 19A.1 Comparative Life Cycle Assessment 19B.3 Building Reuse	11. Embodied Carbon Footprint 14. Net Positive Waste	▲ ✓
20	Responsible Building Materials 20.1 Structural and Reinforcing Steel 20.2 Timber Products 20.3 Permanent Formwork, Pipes, Flooring, Blinds and Cables	12. Responsible Industry 10. Red List	-- ✓ ✓
21	Sustainable Products	12. Responsible Industry 14. Net Positive Waste	✓

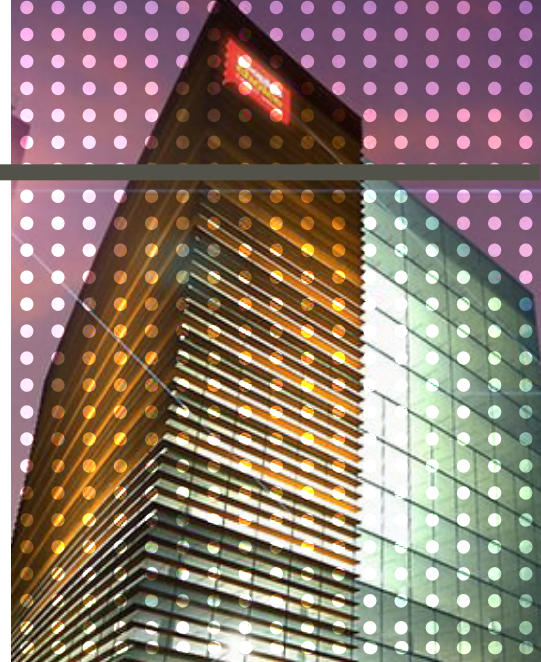
Outcomes comparison: Green Star to Living Building Challenge



22	Construction and Demolition Waste	14. Net Positive Waste	✓
23	Ecological Value	02. Urban Agriculture 03. Habitat Exchange	✓
24	Sustainable Sites	01. Limits to Growth	✓
25	Heat Island Effect		--
26	Stormwater	05. Net Positive Water	✓
27	Light Pollution		--
28	Microbial Control		--
29	Refrigerant Impacts	10. Red List	✓
30	Innovation	See below for more information	✓
	30A Innovative Technology or Process		--
	30B Market Transformation		--
	30C Improving on Green Star Benchmarks		--
	30D Innovation Challenge: Affordable Housing		--
	30D Innovation Challenge: Building Air Tightness		--
	30D Innovation Challenge: Community Benefits		--
	30D Innovation Challenge: Contractor Education		--
	30D Innovation Challenge: Contribution to Industry Benchmarking		--
	30D Innovation Challenge: Culture, Heritage and Identity	19. Beauty and Spirit	✓
	30D Innovation Challenge: Financial Transparency		--
	30D Innovation Challenge: Integrating Healthy Environments		--
	30D Innovation Challenge: Local Procurement	13. Living Economy Sourcing	✓
	30D Innovation Challenge: Marketing Excellence		--
	30D Innovation Challenge: Occupant Engagement		--
	30D Innovation Challenge: Reconciliation Action Plan		--
	30D Innovation Challenge: Social Enterprise	17. Equitable Investment	✓
	30D Innovation Challenge: Social Return on Investment	17. Equitable Investment	✓
	30D Innovation Challenge: Universal Design	16. Universal Access to Nature & Place	✓
	30E Global Sustainability: Green Star - Performance 'Green Cleaning'	08. Healthy Interior Environment	✓
	30E Global Sustainability: Green Star - Communities 'Local Food Production'	02. Urban Agriculture	✓

Green Star - Innovation guidance

Due to the scope of both rating tools, there is opportunity to claim achievements of specific imperatives from the Living Building Challenge as Green Star Innovation claims. The following imperatives have been pre-approved as potential Innovation claims. Each row must be fully met in order to achieve the Innovation claim.



Living Building Challenge Imperative	Innovation Claim in Green Star
2. Urban Agriculture	30E Global Sustainability: Green Star – Communities ‘Access to Fresh Food’
3. Habitat Exchange	30E Global Sustainability
5. Net Positive Water	30C Exceeding Green Star Benchmarks
6. Net Positive Energy	30C Exceeding Green Star Benchmarks
10. Red List	30E Global Sustainability
13. Living Economy Sourcing	30D Innovation Challenge: Local Procurement
15. Human Scale + Human Places	30E Global Sustainability
16. Universal Access to Nature and Place	30D Innovation Challenge: Universal Design
17. Equitable Investment	One of two options: 30D. Innovation Challenge: Social Enterprise 30D. Innovation Challenge: Social Return on Investment
19. Beauty and Spirit 20. Inspiration and Education	30E Global Sustainability

Detailed comparison: Green Star & Living Building Challenge

The following table provides a more detailed comparison of how a Living Building Challenge imperative may, or may not, fulfil a Green Star credit.



LBC Feature	Green Star Credit	Green Star certified projects also seeking LBC certification must:	LBC certified projects also seeking Green Star certification can:
1. Limits to Growth	24. Sustainable Sites	Demonstrate compliance with the following credits: <ul style="list-style-type: none"> 24.0 Conditional Requirement and 24.1 Reuse of Land or 24.2 Contamination and Hazardous Materials 	-
2. Urban Agriculture	23. Ecological Value (Green Star - Communities) 14.2 Local Food Production	Achieve the Green Star - Communities 14.2 Local Food Production credit provided the area of food production meets LBC requirements.	Claim two points under 23. Ecological Value. Alternatively, project teams may wish to use the Change in Ecology Calculator to determine whether a third point has been achieved. Addressing the parameters in Imperative 02 will qualify projects for an Innovation point in Green Star - Design & As Built through the Global Sustainability: Green Star - Communities '14.2 Local Food Production' criteria.
3. Habitat Exchange	23. Ecological Value 30E. Global Sustainability	Design to the parameters established in Imperative 3 Habitat Exchange.	Claim one Innovation Point for the achievement of this imperative under Global Sustainability.
4. Human-powered Living	17. Sustainable Transport (Green Star - Performance) 17. Sustainable Transport	Achieve 7 points through the 17B prescriptive pathway, provided the following also occurs: <ul style="list-style-type: none"> Comply with 17B.3 through the electric vehicle requirements. Have enough bikes for 15% of peak occupants (alongside respective amenities) in accordance with 17B.4. <p>The following must also occur:</p> <ul style="list-style-type: none"> Awning provisions for pedestrian routes must be addressed in accordance with the relevant development control plan as per Australian legislation; and Advocacy in the community to facilitate the uptake of human powered transportation through letters is required. Address the subsidy requirements in LBC. It is noted that Green Star - Performance provides guidance on how to set up a transport policy that addresses sustainable transport initiatives. Project teams may wish to rely on such guidance. Demonstrate the density of the site was not lowered. <p>No Innovation points will be awarded in Green Star for exceeding the requirements of 17 Sustainable Transport.</p>	



LBC Feature	Green Star Credit	Green Star certified projects also seeking LBC certification must:	LBC certified projects also seeking Green Star certification can:
5. Net Positive Water	6 Metering and Monitoring 18 Potable Water 26 Stormwater	Achieve full points on the following credits: <ul style="list-style-type: none"> 6. Metering and Monitoring 18. Potable Water 26. Stormwater The following must also be achieved: <ul style="list-style-type: none"> For credit 18. Potable Water, the calculator must show the expected water consumption to be in balance, erring on the side of additional collection. In addition, the Innovation point 'Improving Green Star Benchmarks - Discharge to Sewer', must be achieved to a 100% discharge benchmark. 	Claim one Innovation Point for the achievement of this Imperative in addition to the Innovation Point for Discharge to Sewer.
6. Net Positive Energy	6 Metering and Monitoring 15 Greenhouse Gas Emissions 16 Peak Electricity Demand Reduction	Achieve full points on the following credits: <ul style="list-style-type: none"> 6. Metering and Monitoring 15. Greenhouse Gas Emissions 16. Peak Electricity Demand Reduction The following must also be achieved: <ul style="list-style-type: none"> For credit 15. Greenhouse Gas Emissions, the calculator must show the expected energy generation to address 105% of the building's energy consumption. The energy generation must be combustion free. Battery backup for resilience based on 10% of lighting and all refrigeration for one week 	Claim one Innovation point for the achievement of this Imperative
7. Civilized Environment	9.2 Provision of Outdoor Air 10 Visual Comfort	Achieve full points on the following criteria: <ul style="list-style-type: none"> 9.2 Provision of Outdoor Air (Through pathway 9.2C Natural Ventilation). 12.1 Daylight, assuming a fully fitted out layout, and demonstrating that all workstations are within the compliant area. 	
8. Healthy Interior Environment	9.1 Ventilation System Attributes 9.3 Exhaust or Elimination of Pollutants 30E Global Sustainability	Achieve full points on the following credits: <ul style="list-style-type: none"> 9.1 Ventilation system attributes 9.3 Exhaust or elimination of pollutants 30E Global Sustainability: Green Star - Performance 'Green Cleaning' The following must also be achieved: <ul style="list-style-type: none"> Results from an LBC compliant Indoor Air Quality test before, and three - twelve months after, occupancy. Compliance with CDPH requirement Comply with the entry door requirement. Note Exception I08-E6 Vestibules in Climate Zone 1-4. 	
9. Biophilic Environment		Design to the parameters established in Imperative 9 Biophilic Environment	



LBC Feature	Green Star Credit	Green Star certified projects also seeking LBC certification must:	LBC certified projects also seeking Green Star certification can:
10. Red List	13 Indoor Pollutants 29 Refrigerant Impacts	Design to the parameters established in Imperative 10 Red List. The following credits may assist in meeting some of the criteria for some products. <ul style="list-style-type: none"> • 13 Indoor Pollutants • 20 Responsible Building Materials (20.3A only) • 29 Refrigerant Impacts 	Claim two Innovation points for achieving this imperative. Note that taking some Exceptions under the Red List could put compliance with Credit 13 Indoor Pollutants at risk.
11. Embodied Carbon Footprint	19A Life Cycle Assessment	Through 19A Life Cycle Assessment, demonstrate either: <ul style="list-style-type: none"> • A 100% reduction in the 'Climate Change' Impact category; or • Demonstrate a onetime carbon offset purchase for the carbon as calculated through the Life Cycle Assessment Calculation excluding the carbon generated from B6 (operational energy) to D (end of life) and carbon benefits from landscaping, and including renewable infrastructure embodied carbon impacts. • Comply with the Carbon Neutral Innovation Challenge. <p>Offsets must meet the requirements as set out in Imperative 11, or comply with the requirements as set out in Australia's National Carbon Offset Standard.</p>	-
12. Responsible Industry	20.2 Responsible Building Materials: Timber Products 21 Sustainable Products	Achieve at least one point on the following credits: <ul style="list-style-type: none"> • 20.2 Responsible Building Materials: Timber Products using FSC wood. • 21 Sustainable Products: product specific EPDs are acceptable for up to 50% of the requirement to use 1 Declare product per 500 sm. <p>The following must also be achieved:</p> <ul style="list-style-type: none"> • 100% of Timber must be FSC or reused (PEFC does not qualify under LBC) • Include 1 Declare products per 500 sm of building area. • Advocate for 10 other manufacturers to join Declare. 	
13. Living Economy Sourcing	30D Innovation Challenge	Design to the parameters established in Imperative 13 Living Economy Sourcing	Claim achievement of this Imperative in place of the 'Local Procurement' Innovation Challenge.



LBC Feature	Green Star Credit	Green Star certified projects also seeking LBC certification must:	LBC certified projects also seeking Green Star certification can:
14. Net Positive Waste	5.2 End of Life Waste Performance 7.0 Environmental Management Plan 8. Operational Waste 19B.3 Life Cycle Impacts - Building Reuse 21. Sustainable Products 22. Construction and Demolition Waste	<p>For the requirement for salvaged materials, achieve points in the following credits:</p> <ul style="list-style-type: none"> • 21 Sustainable Products, through 21A or 21B; and/ or, • 19B.3 Life Cycle Impacts - Building Reuse. <p>Each point achieved counts as one “salvaged” material, up to a maximum of three.</p> <p>For the requirement of a ‘Materials Conservation Plan’, achieve at least one point in each of the following credits:</p> <ul style="list-style-type: none"> • 5.2 End of Life Waste Performance. • 7 Construction Environmental Management, • 8 Operational Waste, • 22 Construction and Demolition Waste, and <p>Also provide a ‘Design Phase’ plan and an ‘End of Life Plan’ in accordance with Imperative 14.</p> <p>For the requirement of specific materials diversion targets, achieve at least one point in 22B Construction and Demolition Waste with a diversion benchmark of 95%.</p> <p>For the requirement of dedicated infrastructure for recyclables and food waste, achieve at least one point for 8 Operational Waste (per the above).</p>	
15. Human Scale + Human Places		Design to the parameters established in Imperative 15 Human Scale + Human Places	Claim one Innovation point for achieving this imperative.
16. Universal Access to Nature & Place	30D. Innovation Challenge Universal Design	<p>For the accessibility requirement,</p> <ul style="list-style-type: none"> • Achieve the ‘Design for Dignity’ Innovation Challenge; and • Comply with the requirements of Imperative 16 related to blocking other project’s access to amenities (air, water, light). 	Claim an additional Innovation point for achieving the requirements related to blocking access and amenity to other projects and the impacts to public places.
17. Equitable Investment	30D. Innovation Challenge Social Enterprise	Design to the parameters established in Imperative 17 Equitable Investment	
18. JUST Organizations		Design to the parameters established in Imperative 18 Just Organizations	
19. Beauty & Spirit		Design to the parameters established in Imperative 19 Beauty and Spirit	Claim one Innovation point if both Imperative 19 and 20 are achieved.
20. Inspiration & Education	4. Building Information	Design to the parameters established in Imperative 20 Inspiration & Education	Claim one Innovation point if both Imperative 19 and 20 are achieved.