The value of a substainable built environment

Alex Cutler New Zealand Green Building Council

Te Mirumiru, Kawakawa, 6 Green Star Built Photo supplied: Simon Devitt





Promoting the benefits of sustainable buildings by creating a common language and demonstrating the

value.

Assisting the property and construction sector to acquire the skills and knowledge to be able to deliver a sustainable built environment.

Motivating and recognising the sustainable development and operation of buildings across New Zealand.

What is a sustainable built environment?

Choice

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Sustainability

Need Use Materials Labour Ergonomics Durability Beauty Cost EoL

Cradle to grave

Cradle to cradle

1. 1.

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Need Use **Material** Labour **Ergonomics Durability Beauty** Cost EoL

New building design

Environmental sustainability

Land Use & Ecology Transport Management Materials Energy Indoor Env Quality Water Emissions Innovation

greenstar

6 Star Office Interiors (2009)

AWARDED TO

CHRISTCHURCH CITY COUNCIL

CHRISTCHURCH CIVIC BUILDING

MARCH 2013

A. J. Cutler

CHIEF EXECUTIVE NEW ZEALAND GREEN BUILDING COUNCIL

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Education Design v1 2014

Performance

1.6

Sustainable community

Governance Design Liveability Economic prosperity Environment Innovation

Brisbane Airport Brisbane QLD

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Communities PILOT 2014

Curtin University Perth WA green building council australia

Communities PILOT 2015

Without metrics and accountability, our initiatives are nothing more " than marketing.

Johan Karlström CEO, SKANSKA

Transparency

Monetisation

Green Property Index

Outperformance in Green Star buildings driven by positive capital growth

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24 October 2014 ASX/Media Release

STOCKLAND ISSUES FIRST AUSTRALIAN CORPORATE GREEN BOND

Stockland has successfully priced the first green bond issued by an Australian corporate¹, confirming the Group's commitment to long-term environmentally sustainable, accretive development across its portfolio.

The green bond is a EUR300 million 7 year Issue under Stockland's Euro Medium Term Note program. The Notes were priced at a Euro fixed rate coupon of 1.5 per cent which Stockland has swapped into Australian Dollars at a total cost of BBSW +153 basis points. The notes will be listed on the Singapore Stock Exchange.

Stockland's green bond is a debt instrument where the proceeds are used to fund eligible environmentally sustainable projects. This will include funding the development and

Asset tracking

Technical Study

Design for Deconstruction

Design for deconstruction encompasses what I believe to be an important facet of ecological architecture; waste. By pro-actively anticipating changing future demands for space and structure, designs can accomodate a certain degree of flexibility and ultimately allow for a reconfigurable or recycle-able by-product post-deconstruction.

Integrated design

Briefing Feasibility Outline Design Detail Design Implementation

Circular design

