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### Questionnaire: Quentin's Penthouse Office

Topic:

**Note: Topic Sheets will open in a new window.**

**D541:** Have you considered refurbishing an existing building?  
 Yes  No  Not applicable  Don't know

Datasheet: [Adaptability, Sustainable Refurbishment](#)

Please provide an explanation for your answer.

**D600:** Do you intend to acquire Green Star New Zealand certification?  
 Yes  No  Not applicable  Don't know

Datasheet: [Green Star New Zealand](#)

Please provide an explanation for your answer.

**D608:** Are you using an Integrated Whole Building Design Process process?  
 Yes  No  Not applicable  Don't know

Datasheet: [Integrated Whole Building Design Process](#)

## Green Star New Zealand



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### Overview

Measuring a building's performance using rating tools is one way of looking at the integration of sustainability objectives into the built form. The currently available tool, Green Star NZ: Office Design v1.0, is used to assess the environmental impact of design by evaluating a building design project against eight environmental impact categories, plus assessing innovation. Within each category, points are awarded for initiatives demonstrating that a design has met the overall objectives of and the specific criteria for the relevant credits. Points are then weighted and an overall score is calculated, determining the project's Green Star NZ rating (New Zealand Green Building Council 2008).

Green Star NZ was created to:

- establish a common language and standard of measurement for green buildings
- promote integrated whole-building design
- raise awareness of green building benefits
- recognise environmental leadership
- reduce the environmental impact of development. (New Zealand Green Building Council 2008)

Whether you are considering getting a Green Star rating for the building now or some time in the future it is important that the information required for a rating is gathered during the each phase of the project. By gathering this information as a normal everyday part of a project the cost of providing evidence of compliance for a Green Star certification can be dramatically reduced.

### Requirements



## Requirements



## Resources/links

- 🌿 Green Star NZ is New Zealand's first comprehensive environmental rating system for buildings and is overseen by the New Zealand Green Building Council - [http://www.nzgbc.org.nz/index.php?option=com\\_content&task=blogcategory&id=80&Itemid=75](http://www.nzgbc.org.nz/index.php?option=com_content&task=blogcategory&id=80&Itemid=75)
- 🌿 The Australian equivalent of Green Star NZ - <http://www.gbca.org.au/green-star/>
- 🌿 The BREEAM (UK) family of assessment methods and tools are all designed to help construction professionals understand and mitigate the environmental impacts of the developments they design and build - <http://www.breeam.org/index.jsp>
- 🌿 The Leadership in Energy and Environmental Design (LEED) Green Building Rating System is the nationally accepted benchmark for the design, construction and operation of high-performance green buildings overseen by the US Green Building Council - <http://www.usgbc.org/DisplayPage.aspx?CMSPageID=222>

## Case studies/examples

- 🌿 New Zealand's first 5-star green building has been constructed on Wellington's waterfront, with Meridian as the principal tenant. The New Zealand Green Building Council has awarded Meridian's new office a 5-star Green Star NZ Certified Rating, signifying 'New Zealand Excellence'. Meridian Energy Head Office - <http://www.meridianbuilding.co.nz/#/>
- 🌿 Dockside Green is a 15-acre community built in Victoria, BC, Canada. With a planned total of 1.3 million square feet of mixed residential, office, retail and light industrial space, Dockside Green represents the biggest development of city land in Victoria's history - [http://docksidegreen.com/index.php?option=com\\_frontpage&Itemid=1](http://docksidegreen.com/index.php?option=com_frontpage&Itemid=1)
- 🌿 Could your project be used as a case study for this topic?

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# Where do topic sheets come from?

- Input from other Govt agencies
- Practical, real world experience
- No one right answer
- Continually improved over time