





Global peer perspective

GPT Group (Australia)

Bruce Precious | Sustainability & Property Services



about GPT

- Australia's first listed property trust 1971
- Our vision is to be the most respected property company in Australia in the eyes of our investors, people, customers and communities
- Consistently ranked as one of the best performing property and real estate companies in global sustainability benchmarks
- AUS\$ 19 Billion assets under management
- Over 1,000,000 sqm each of premium retail, office and logistics property
- Manage unlisted funds, GPT Wholesale Office Fund and GPT Wholesale Shopping Centre Fund



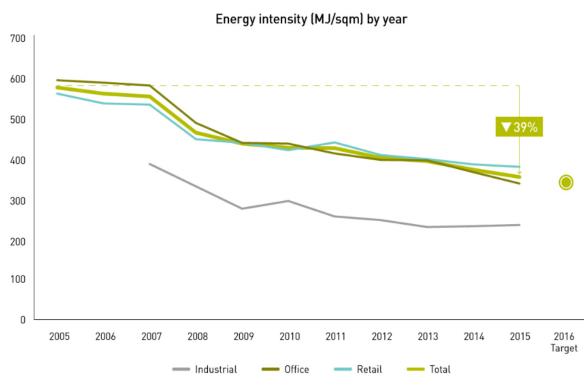
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GPT in Australia





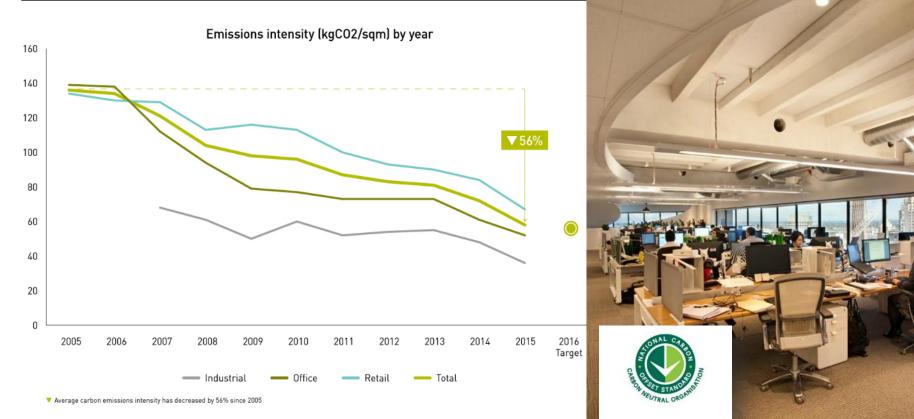
Sustainability | Energy





▼ Energy consumption /sm has decreased by 39% since 2005

Sustainability | carbon emissions





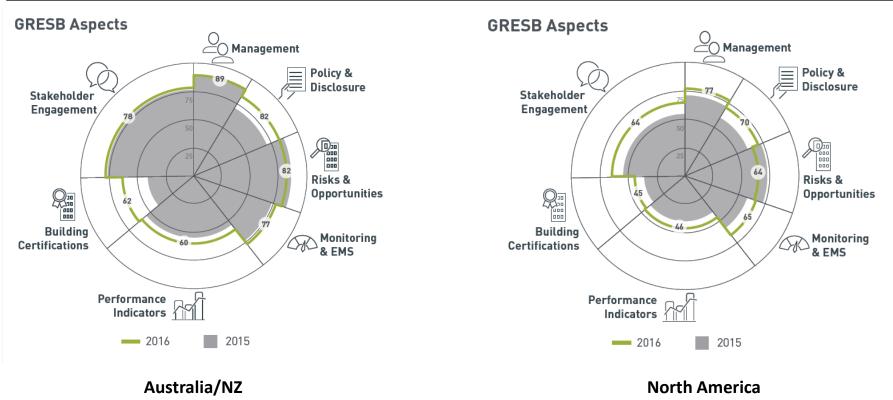
Dow Jones Sustainability Index | DJSI

Australia is well represented in the RobecoSam Dow Jones Sustainability Index with 5 of the 18 leaders

http://yearbook.robecosam.com/industry/real-estate.html

Sustainability leaders 2016	
RobecoSAM Gold Class	
Stockland*	Australia
RobecoSAM Silver Class	
GPT Group	Australia
RobecoSAM Bronze Class	
British Land Co PLC	United Kingdom
CapitaLand Ltd	Singapore
Dexus Property Group	Australia
Sustainability Yearbook Members	
City Developments Ltd	Singapore
Fonciere Des Regions	France
Gecina SA	France
Hammerson PLC	United Kingdom
HCP Inc**	United States
Intu Properties PLC	United Kingdom
Klepierre ¹	France
Land Securities Group PLC	United Kingdom
LendLease Group	Australia
Mirvac Group	Australia
Unibail-Rodamco SE	France
Wereldhave NV	Netherlands
Weyerhaeuser Co	United States

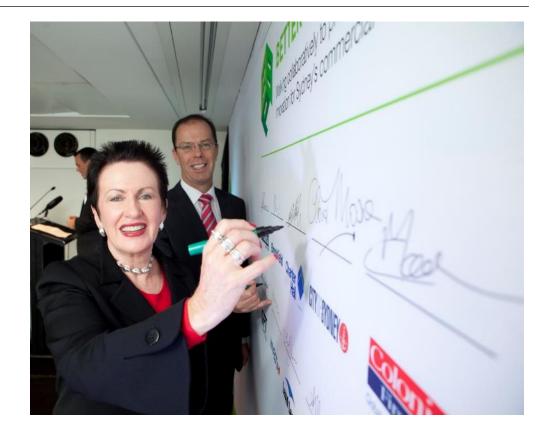
Global Real Estate Sustainability Benchmark | GRESB



Is collaboration the key to success ?

"The region's leadership reflects a long-term commitment to sustainability and a pervasive spirit of collaboration and knowledge sharing. Companies and funds in Australia and New Zealand are competitive, yet they are unusually open to exchanging experiences and insights. Competitors frequently work together to address new issues"

2016 GRESB Snapshot



Global Real Estate Sustainability Benchmark | GRESB

GRESB Aspects



GPT Wholesale Office Fund (GWOF) vs peers

GPT Wholesale Office Fund | GRESB Trend

Trend **Overall Score**



GPT Wholesale Office Fund

Data Coverage POINTS: 2/8 57% This Entity Overall 87% Group Average ⁺ 71% Global Average THE OWNER WHEN

in search of the green premium



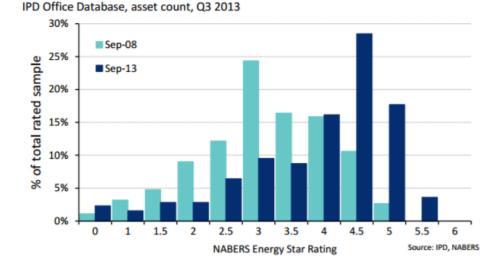


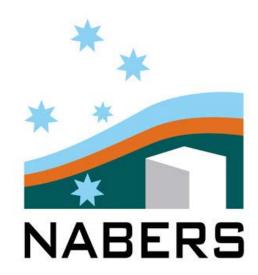
Figure 3: Distribution of office assets by star rating

Figure 8: High vs. Low NABERS Energy rated offices Percentage difference, Q3 2013



Source: IPD, NABERS

http://cbd.gov.au/sites/prod.cbd/files/NABERS-energy-office-market-analysis-december-2013.pdf

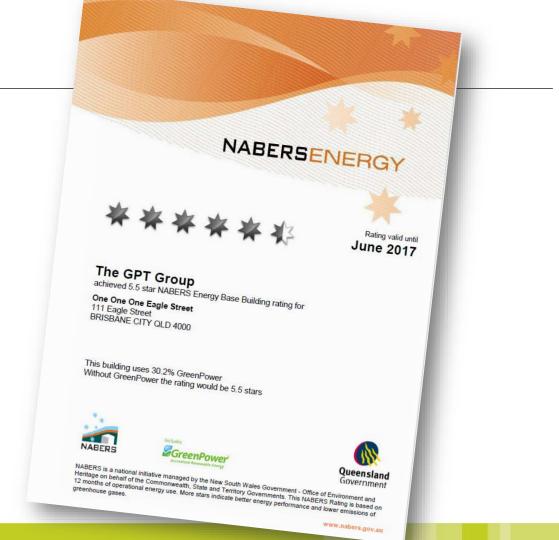


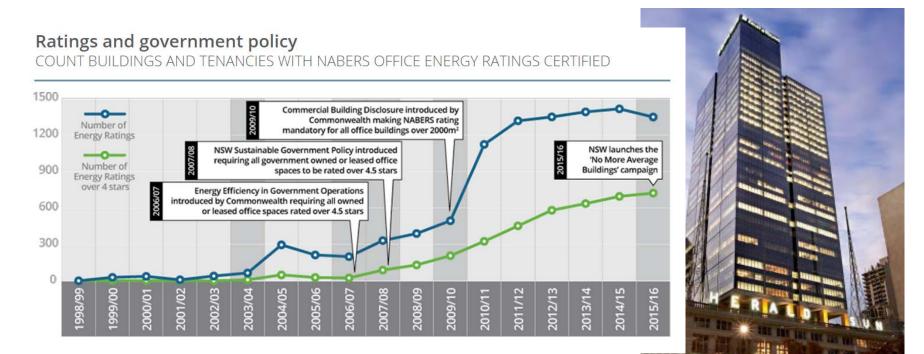
www.nabers.com.au

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NABERS tools

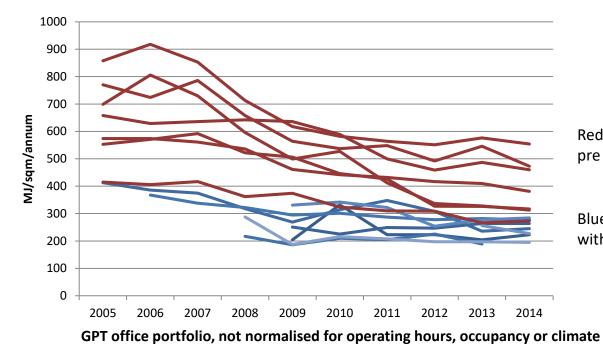
- NABERS Energy
- NABERS Carbon
- NABERS Water
- NABERS IEQ
- NABERS Waste





https://nabers.gov.au/AnnualReport/2015-2016/life-of-program-statistics.html





Red lines – buildings designed and delivered pre NABERS and Green Star

Blue lines – buildings designed and delivered with a NABERS and Green Star target



Features of buildings with a NABERS target







♥ Map

580 George Street, Sydney, NSW 2000

Offices

Property No. 501304511 I Show Page Visits

For Lease Please contact agent

Striking A Grade Tower with CBD Outlooks.

- · A Grade office tower
- · Undercover walkway to Town Hall Station
- · Availability in sought after address

Floor Area 1215.0 m² - 7634.0 m² Last Updated Jan 11, 2017 Energy Efficiency Rating 4.0-star NABERS Energy Rating

Case study #1: Liberty Place, Sydney

- Premium office building
- 6 star Green Star design and as built
- 57,300 sqm NLA
- 42 office levels
- Contracted NABERS rating = 5 stars
- First year operational rating = 5 stars NABERS Energy base building





Case study #2: One One One Eagle St, Brisbane

- Premium office
- 6 star Green Star design and as built
- 64,145 sqm NLA
- 44 office levels
- First year operational rating = 5.5 stars NABERS Energy



Best practice green leasing



Green leasing standard

Market saturation

clauses

Sydney leases include best practice lease



62%

PROJECTS · ABOUT · RESOURCES · NEWS

GREEN LEASING

Key projects – the BBP Leasing Standard

BETTER BUILDINGS PARTNERSHIP

Leasing

Standard

Launched in September 2016, the BBP Leasing Standard provides a recognisable logo by which organisations committed to collaboration and sustainability outcomes through commercial leasing may be recognised. The principles of the Leasing Standard can be applied with the use of precedent lease templates, executed leases or memoranda of understanding signed after the lease is executed.

The BBP Leasing Standard project provides a recognisable and easy-to-understand system for the industry to differentiate best practice. Associated tools (see below) include a lease score and compliance logo to help promote a commitment to the core topics of green leasing and collaboration between tenants and landlords.

BBP Leasing Standard Introduction

The BBP Leasing Standard identifies organisations committed to better leasing outcomes and sustainability.

Integrating the logo, score or other materials

referencing the Leasing Standard indicates a commitment to the core topics of green leasing and collaboration between tenants and landlords

What is the BBP Leasing Standard?

LeaseScore.betterbuildingspartnership.com.au

Definition

The BBP Leasing Standard sets a minimum definition of green leasing as a way for tenant and landlords to collaborate for better sustainability and performance outcomes. This provides a recognisable and easyto-understand system for the industry to differentiate best practice and enable a marriage of committed organisations during the lease dealing process.

Recognition

The BBP Leasing Standard also includes a method for recognising deeper and stronger commitments to action towards more sustainable outcomes between tenants and landlords. The scoring of lease frameworks is not a certification. It is a self-assessment of an organisation's willingness to collaborate, take action and commit on industry-endorsed topics.

What makes up the BBP Leasing Standard?

Topics

Through 5 years of industry consultation and review, the BBP notes that 20 topics currently make up best practice in green leasing. These 20 topics are outlined in the categories below.

topics are noted below

Energy Management

Water Management

Waste Management

Sustainable Utilities

Sustainable Cleaning

Sustainable Transport

Sustainable Procurement

IEQ Management

MANAGEMENT &

CONSUMPTION

CO-OPERATION & WORKS

- Environmental Initiatives
- Enabling Upgrade
- Works Sustainability
- Management
- Collaboration
- Premises Design for Performance Managing Waste
- from Works
 - Social Initiatives

REPORTING & STANDARDS

- Performance Rating
- Design/Development Rating
- Performance Standards
- Meterina
- Comfort

When recognising commitment beyond

the minimum definition, the BBP Leasing

to topics, as outlined below.

Standard sets out the varving levels of depth

Of these 20, the BBP has found that 5 are

consistently noted as core topics for green

leasing in Australia and globally. These 5 core

BETTER Leasing Standard

Score your lease document at



Dimensions

In using the BBP Leasing Standard, an organisation is committing to making the 5 core topics present in their lease, but not necessarily to act or introduce strong commitments on those topics.

PRESENCE

A topic is "present" where the lease being scored contains a clause that can achieve the underlying intent and objective outlined in the topic. This could include an acknowledgement of, or commitment to, the topic,

A topic has "actions" where there is at least one action attributed to the party being scored for the clause topic.

ACTIONS

COMMITMENTS

A topic has "commitments" where there are consequences if the party does not comply with a scored clause, such as a resolution process.

http://cdn.sydneybetterbuildings.com.au/assets/2016/09/BBP-Model-Lease-Clauses.pdf





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Net zero carbon operational buildings

 Efficient buildings running on renewable energy



DRAFT

National Carbon Offset Standard for Buildings



Making a market for net zero carbon operational buildings



Transforming the waste industry to close the loop

A-grade Recovery

A-grade recovered products:

- Meets the closed loop objectives;
- May be used over and over again, constantly being returned to the same production cycle, and;
- Can be recovered without any consequent hazardous material build-up in the environment.

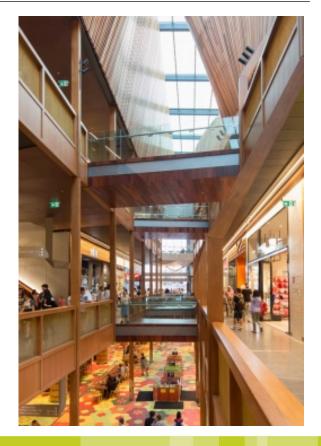
B-grade recovery

B-grade recovered products are:

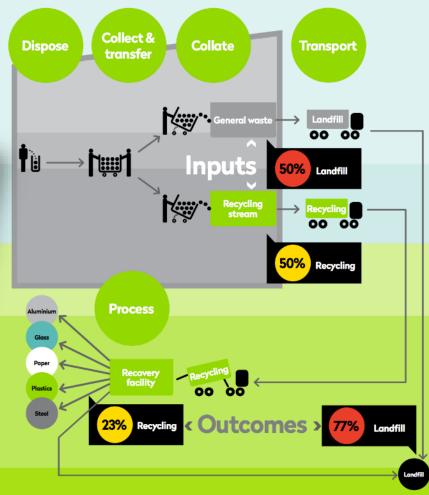
- Downcycled to a lower value product;
- Have a limited number of recovery cycles, and;
- Produce valueless by-products after several recycling cycles.

C-grade recovery

C-grade recovered products are those which are produced in a waste diversion process but are only available for a single additional application.

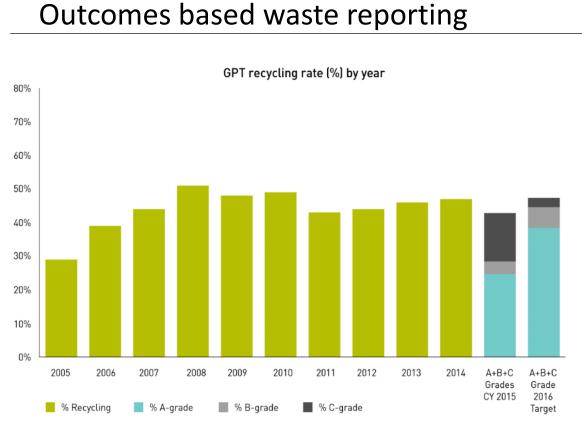






www.betterbuildingspartnership.com.au

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Refurbishment waste

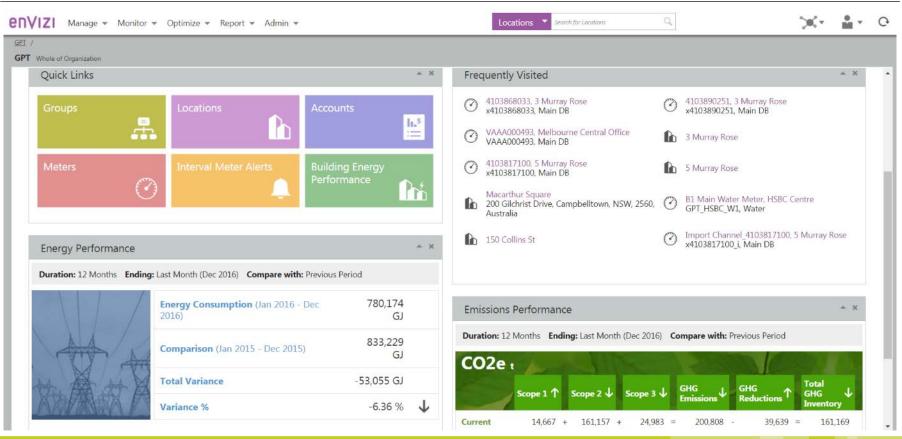


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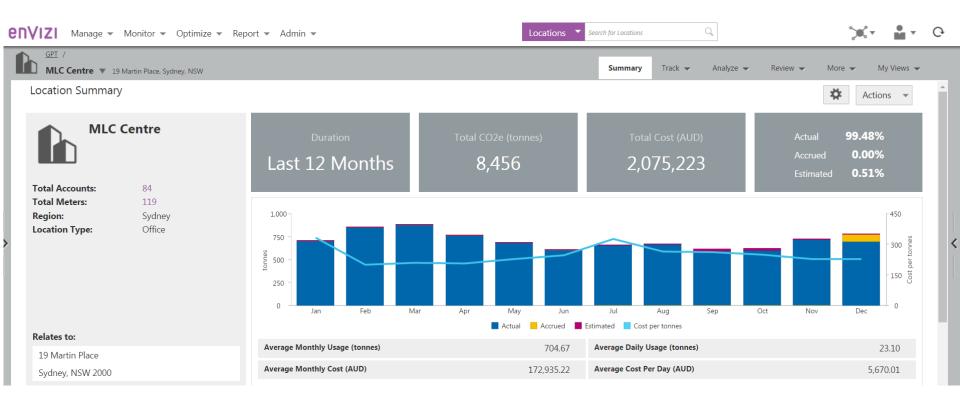
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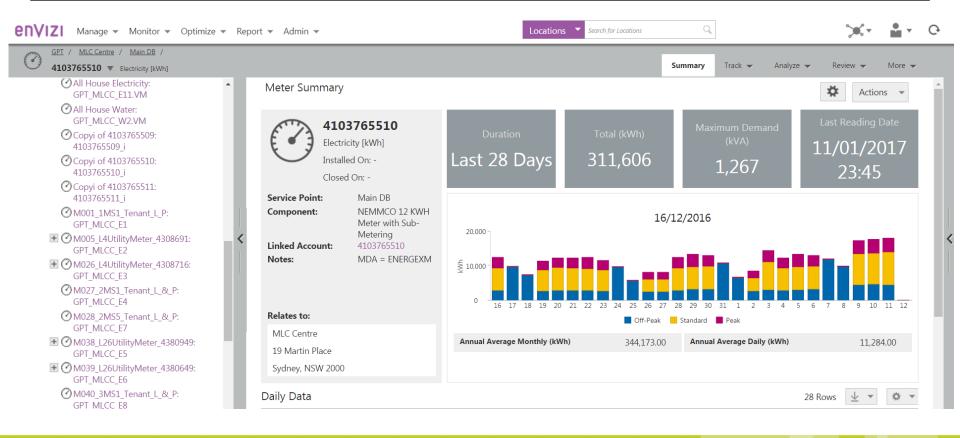
Embedding data capture | from the organisational view



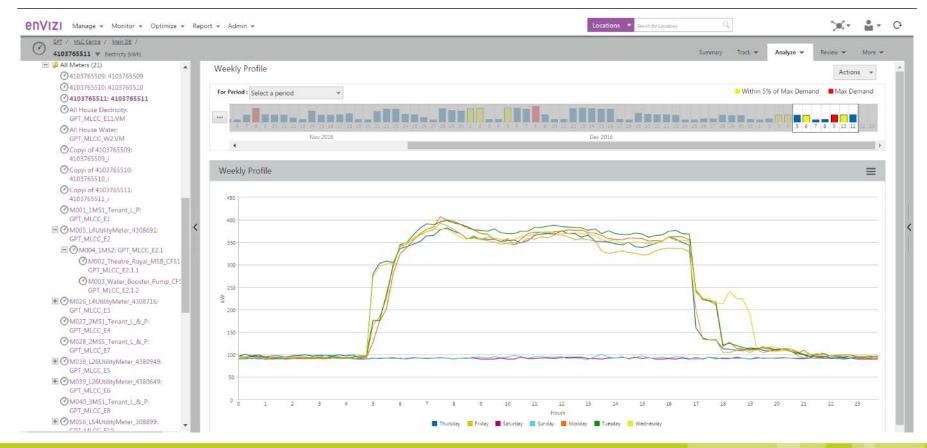
Embedding data capture | to a property view



Embedding data capture | to a system view



Embedding data capture | to the device



Partnering with suppliers for success

GPT PARTNERS WITH ENVIZI TO BOOST PERFORMANCE OF PREMIUM REAL ESTATE DATA LIES AT THE HEART OF IT ALL



FOR PAST 7 YEARS ON THE DOW JONES SUSTAINABILITY INDEX



PUBLICLY COMMITTED TO CARBON NEUTRALITY



GLOBAL REAL ESTATE SUSTAINABILITY BENCHMARK LEADER **4.8** ****

4.8 STAR AVERAGE NABERS RATING (UP FROM 3 STAR)



INCREASE IN M² UNDER MANAGEMENT

ΖQ.,



REDUCTION IN EMISSIONS INTENSITY



us**\$95**м

AVOIDED COSTS - ELECTRICITY, GAS, WATER SINCE 2005



REDUCTION IN WATER USE INTENSITY

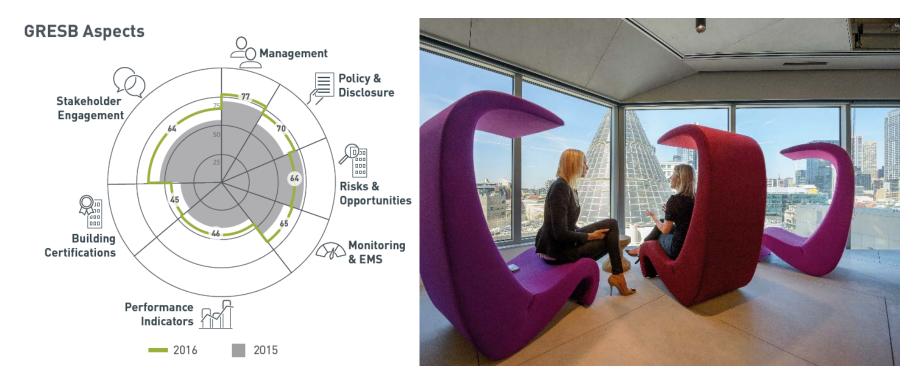


REDUCTION IN ENERGY INTENSITY RECYCLING RATE (UP FROM 29%) (571MJ PER M² TO 349MJ PER M²)

SAVED IN ENERGY COSTS IN 2015

*ALL FIGURES COMPARED TO 2005 BASELINE

Conclusions







Thank you

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MLC CENTRE | NSW



