



GROWTHPOINT
PROPERTIES

SCALING UP GREEN BUILDINGS

12 November 2014

GREENX^{5.0}
TRAILBLAZERS IN BUILDING PERFORMANCE

What is a “Green Building”?

Trends in Green Building certifications Australia vs. South Africa

Value of Green Buildings Internationally and in South Africa

Successful implemented projects



BREEAM (est. 1990)

(Building Research Establishment Environmental Assessment Methodology)

United States Green Building Council (USGBC)

LEED (est. 1993) (Leadership in Energy & Environmental Design)



Green Star Australia (est. 2002)



Green Star South Africa (est. 2007)

Currently 100 Green Building Councils around the world

WHAT IS A GREEN BUILDING

A building that incorporates design, construction and operational practices that significantly reduce or eliminate the negative impact of development on the **environment** and **occupants**

- Management
- Indoor Environment Quality
- Energy
- Transport
- Water
- Materials
- Land use & Ecology
- Emissions
- Innovation

Category Scores

Environmental Weightings

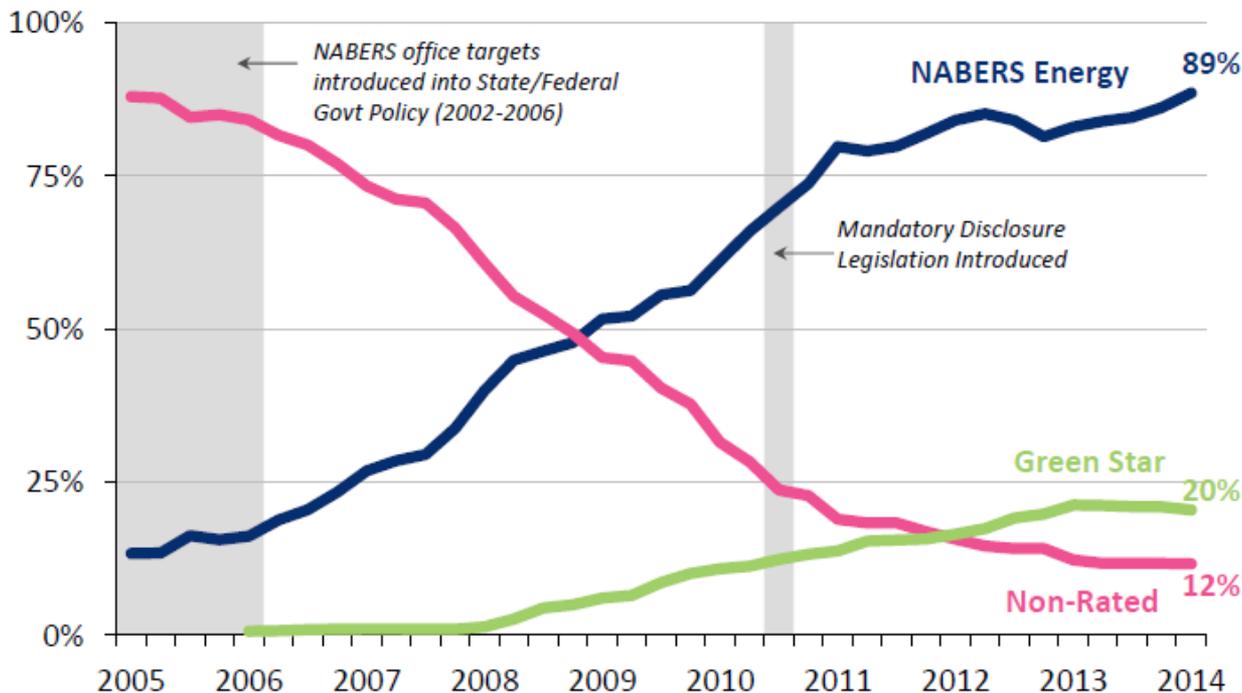
Single Score

Rating

Overall Score	Rating	Outcome
45 – 59	Four Star	Best Practice
60 – 74	Five Star	South African Excellence
75+	Six Star	World Leadership



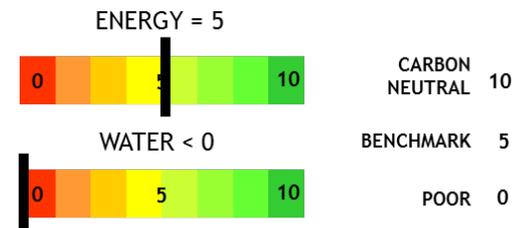
Proportion of Offices with Green Ratings, based on capital values



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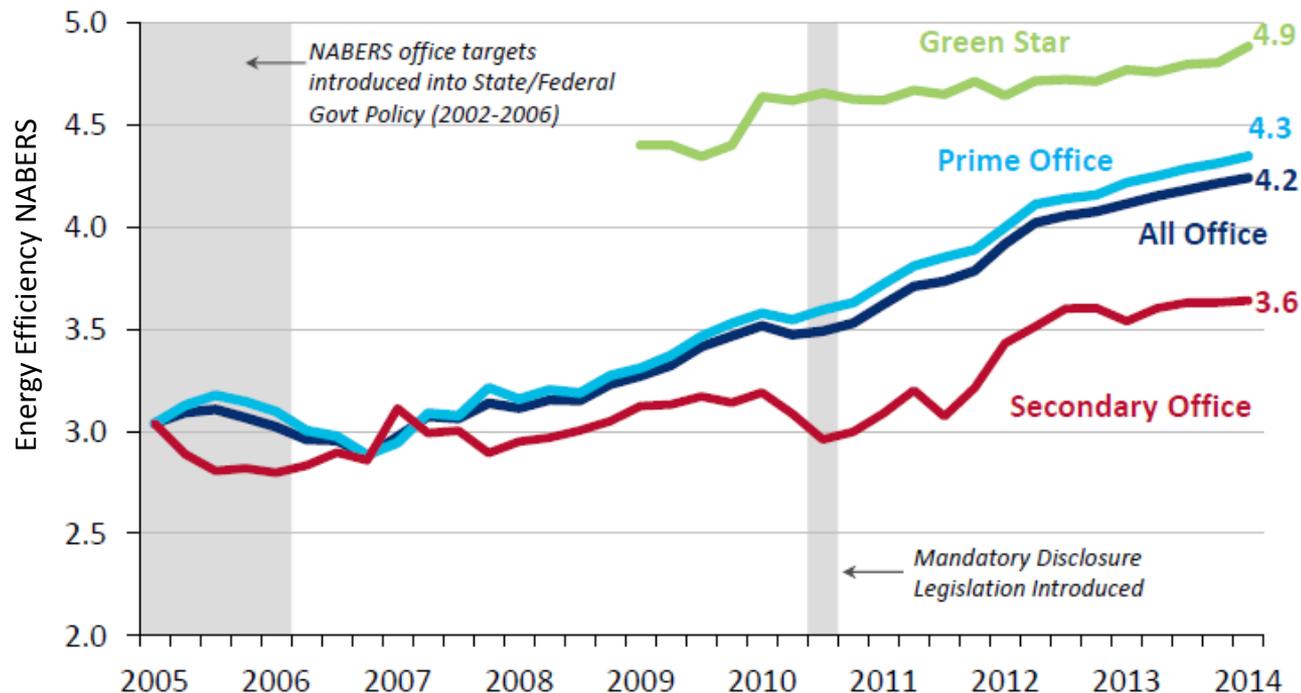
IMPROVING EFFICIENCY IN ALL OUR BUILDINGS TO BE AT LEAST ON PAR

Illustrative



Sources: GBCA, NABERS, IPD

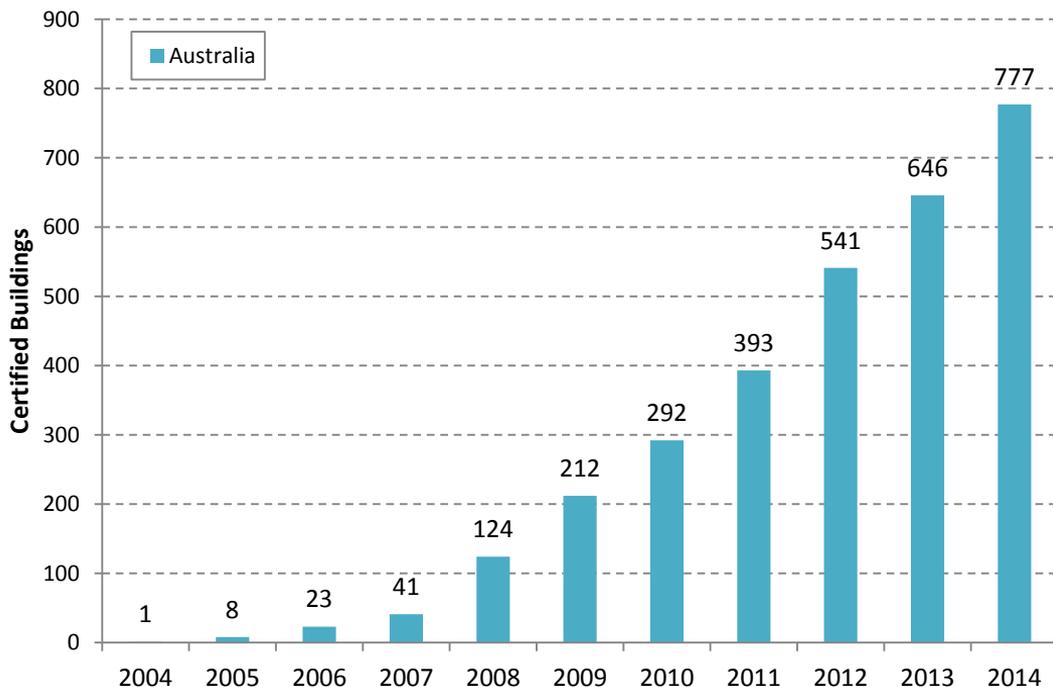
Average NABERS Energy Star Rating* by Office Quality



Sources: GBCA, NABERS, IPD

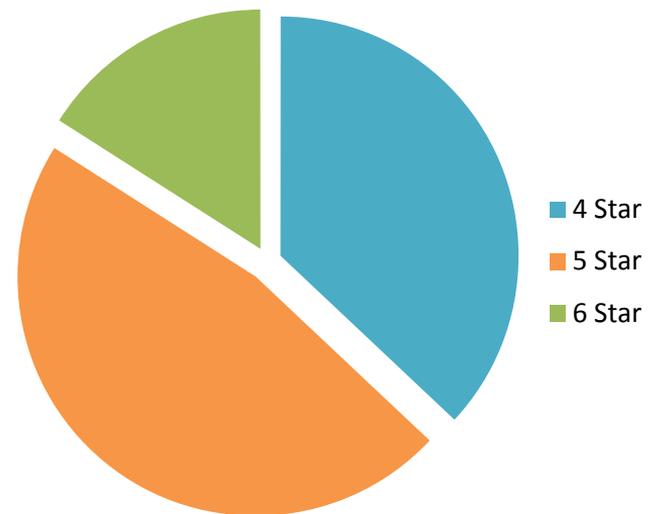
* Weighted by net lettable area, includes standing investments only

GREEN STAR CERTIFICATION AUSTRALIA VS SOUTH AFRICA

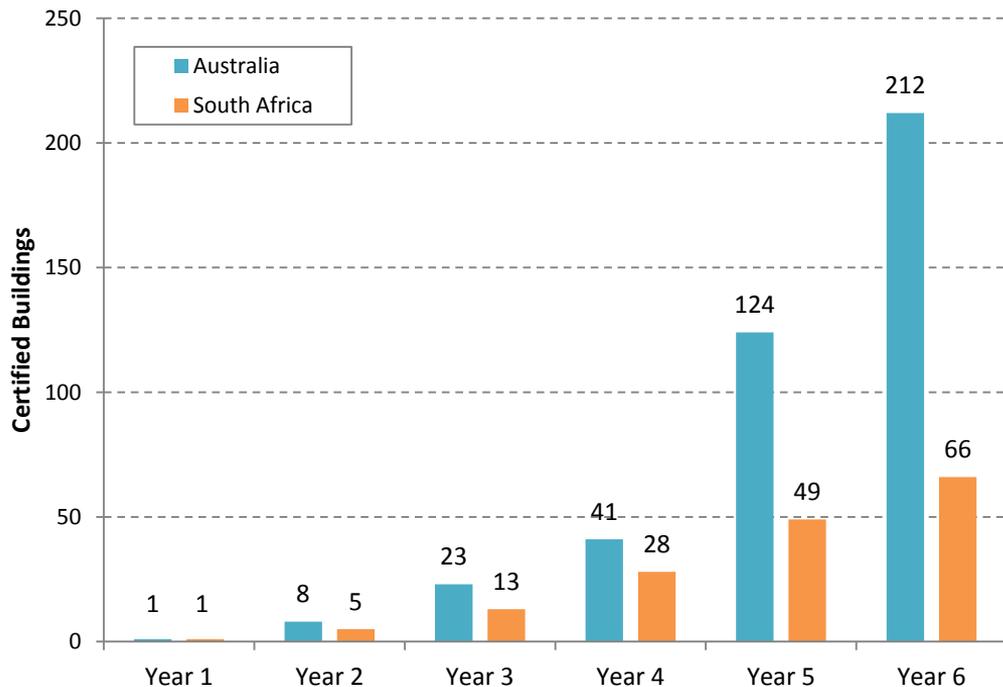


Source: GBCA

Certifications in Australia

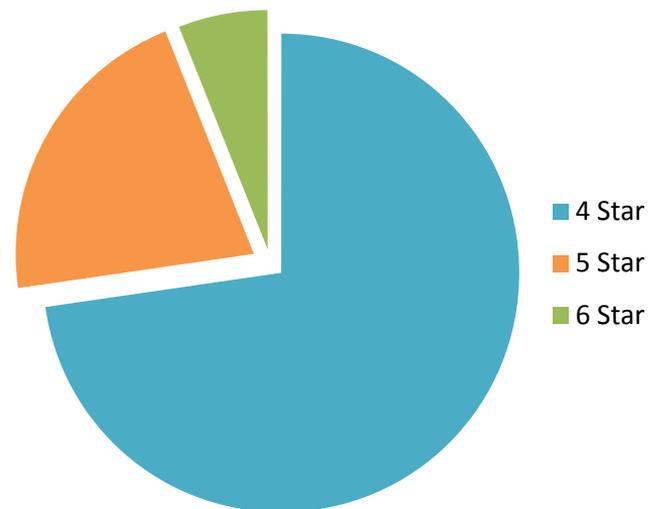


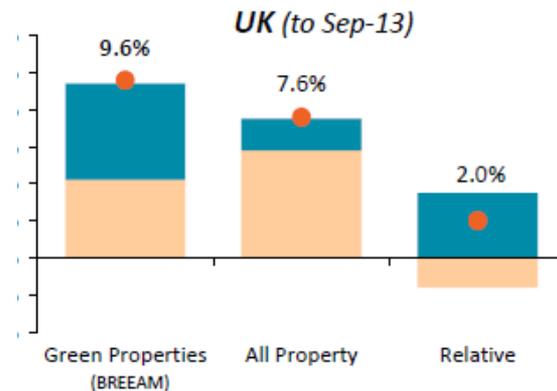
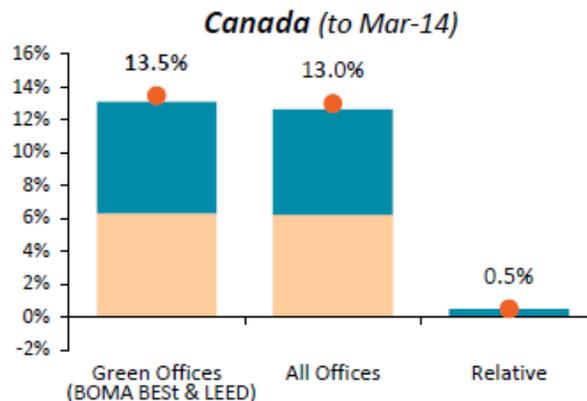
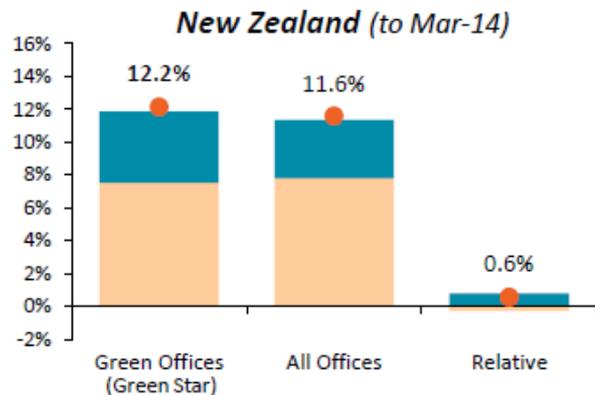
GREEN STAR CERTIFICATION AUSTRALIA VS SOUTH AFRICA



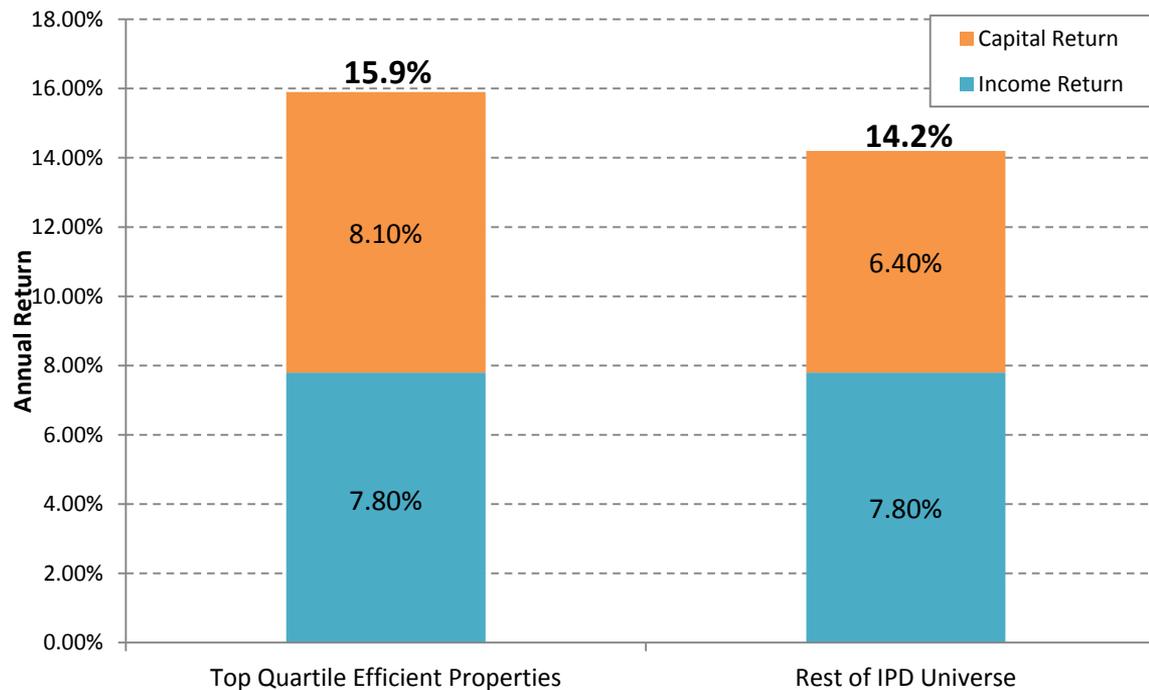
Source: GBCSA

Certifications in South Africa



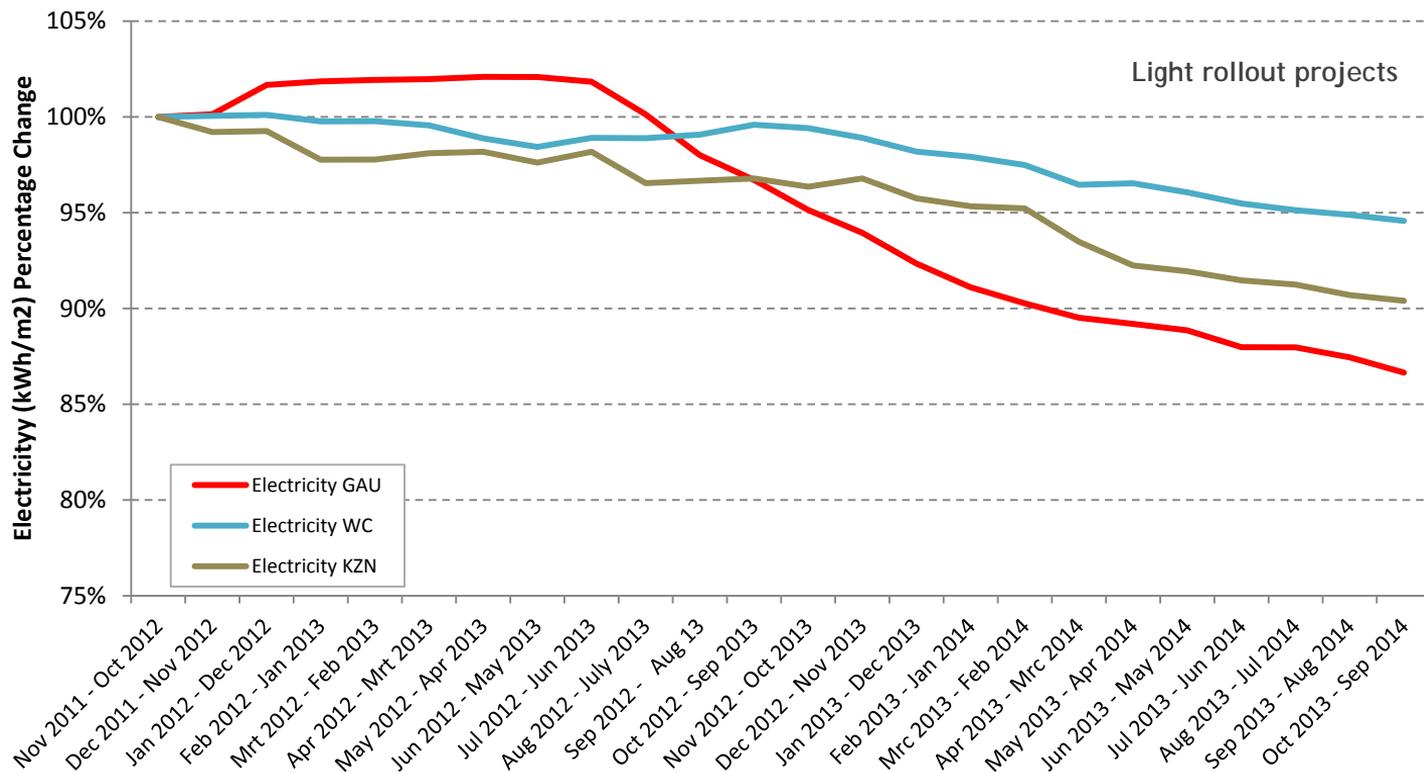


Source: IPD AUS



Source: IPD South Africa

REDUCTION IN COMMERCIAL ELECTRICITY CONSUMPTION (35 MONTH VIEW)



*Only buildings were included in this analysis where we had 35 months of uninterrupted data

GOVERNMENT COMMUNICATIONS BUILDING

GROWTHPOINT
PROPERTIES

Winner of the Nedbank
Sustainable Business Awards
2014 – Infrastructure and
Renewable Energy



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TRAILBLAZERS IN BUILDING PERFORMANCE

THANK YOU

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