



GREEN BUILDING COUNCIL
OF SOUTH AFRICA

Green Star SA Project Panel Discussion

Moderator: Jason Buch, PJ Carew Consulting

GBCSA Convention, Cape Town, 21 Sept 2010

Green Star SA - project panel discussion

Panelist: **Alana Shuttleworth**

Position: **Associate at WSP GREEN by DESIGN**

Project role: **1. Green Star SA Accredited Professional**
2. Ecologically Sustainable Design (ESD) consultant




Green Star SA project: *Nedbank Ridgeside*

Nedbank Ridgeside – Kwazulu-Natal





Green Star SA project: *Nedbank Ridgeside*

- Commercial Office Building
 - Achieved 4 Star Green Star SA - Office Design v1 Rating
 - 6'000 m² Useable Area
 - 4 floors of offices, 3-level basement parking, atrium
 - Part of a 29'000m² new office development in Umhlanga
 - 2 Ncondo Place, Ridgeside, Umhlanga
 - Developer: Zenprop Property Holdings (Pty) Ltd
 - Tenant: Nedbank
- 

Green Star SA project: *Nedbank Ridgeside*

Some of the green initiatives are:

- Reuse of rainwater
- Common attenuation & retention pond facility
- Energy efficient Lighting
- Energy efficient HVAC
- Green Lease



Green Star SA - project panel discussion

Panelist: **Michael Magner**

Position: **Director at Activate Architecture SA**

Project role: **1. Design Architect & Principal Agent**
2. Green Star SA Accredited Professional

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architecture

Green Star SA project: *SANRAL Head Office*

SANRAL Corporate Head Office, Tshwane



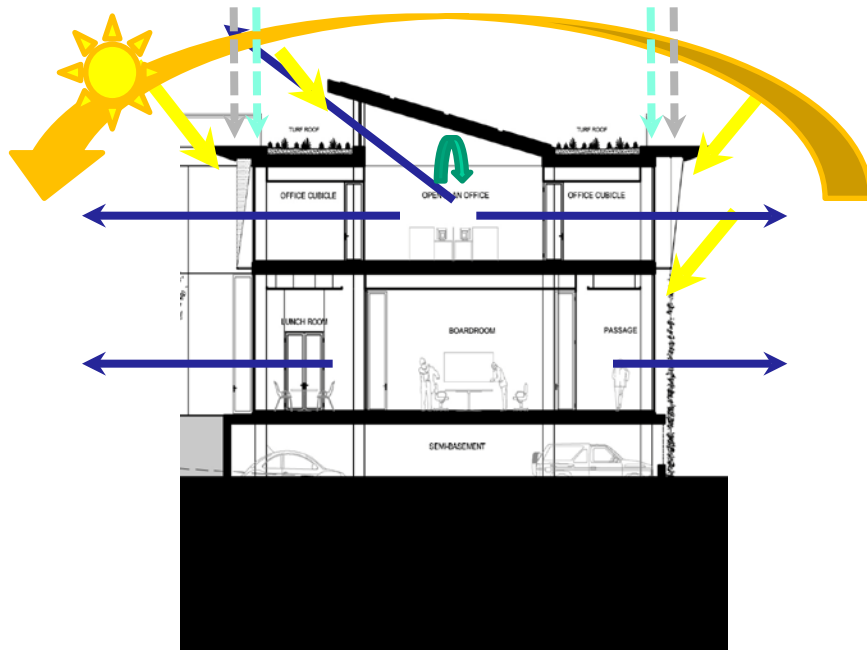
Green Star SA project: *SANRAL Head Office*

- Commercial Office Building
- Targeting a Green Star SA - Office Design v1 Rating
- 5'700 m2 Useable Area
- 2 floors of offices
- Tshwane
- Developer: SANRAL
- Tenant: SANRAL

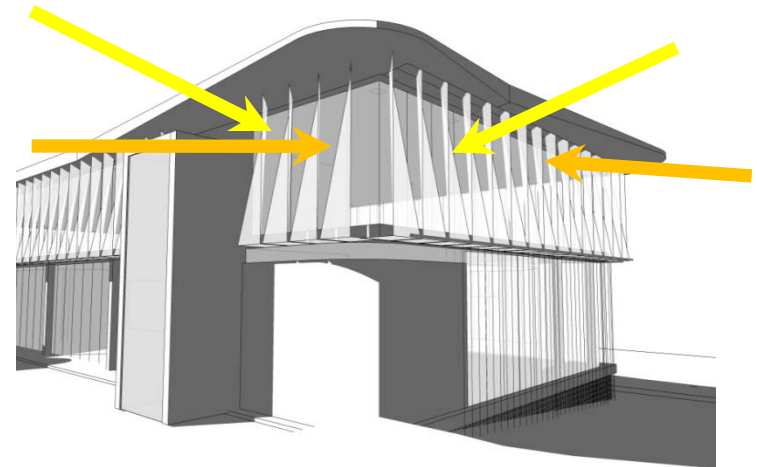


Green Star SA project: SANRAL Head Office

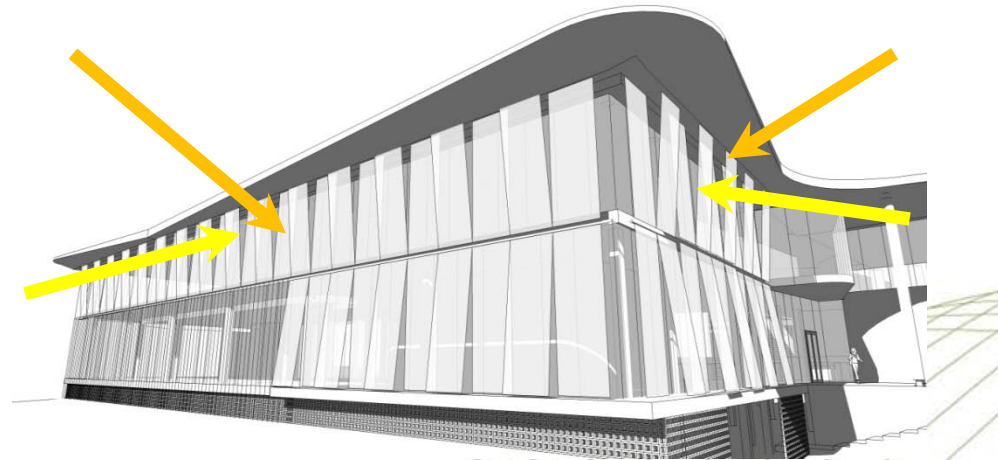
Some of the green initiatives are:



ALLOW VIEWS OUT



Southern corner engineering services-twisted mesh sun screen to deal with summer sun angles



Northern corner engineering services -parallel mesh sun screens to deal with oblique summer and head on winter angles



Green Star SA - project panel discussion

Panelist: **Richard Humphrey**

Position: **Technical Director: Building Services at Aurecon SA**

Project role: **1. Mechanical Engineer**
2. Green Star SA Accredited Professional



aurecon



Green Star SA project: *24 Richefond Circle*

24 Richefond Circle, Ridgeside – Kwazulu-Natal






Green Star SA project: 24 Richefond Circle

- Commercial Office Building
- Targeting a Green Star SA - Office Design v1 Rating
- 4'167 m² Useable Area
- 4 floors of offices
- Ridgeside, Umhlanga
- Developer: Maponya Developments and Beare Holdings
- Tenant: Shepstone & Wylie



Green Star SA project: 24 Richefond Circle

Some of the green initiatives are:

- Off Peak Assisted Ice storage
 - Heat Recovery wheels for the provision of the fresh air to the building allowing increased ventilation rates
 - CO2 Monitoring & Control
 - Individual comfort control every 30m².
 - Waterless urinals.
 - Fully functional Building Management System.
 - Xeriscape Indigenous Garden
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Green Star SA - project panel discussion

Panelist: **Kenda Stern**

Position: **Environmental Coordinator at Group 5
Building SA**

Project role: **Environmental Coordinator on site**




Green Star SA project: *Nedbank Phase II*

Nedbank Phase II – Sandton, Johannesburg






Green Star SA project: *Nedbank Phase II*

- Commercial Office Building
 - Achieved 4 Star Green Star SA - Office Design v1 and As Built v1 Ratings
 - 45'000 m2 Useable Area
 - 7 floors of offices
 - Additional phase to existing office building (Phase I)
 - Sandton, Johannesburg
 - Developer: Nedbank
 - Tenant: Nedbank
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Green Star SA project: *Nedbank Phase II*

Some of the green initiatives are:

- On site black water treatment system
 - Water efficient fittings
 - Energy efficient lighting
 - Advanced lighting controls
 - Energy efficient HVAC design
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Green Star SA - project panel discussion

Panelist: **Elbert de Kock**

Position: **Director at Zenprop Property Holdings SA**

Project role: **Client & development manager**



Green Star SA project: *Nedbank Ridgeside*

Nedbank Ridgeside – Kwazulu-Natal



Now, let's talk about these projects...

