Using Green Star and Mother Nature to Introduce Green Cleaning into Buildings

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INTRODUCTION TO GBCSA.
OUR PURPOSE IS TO INSPIRE A BUILT ENVIRONMENT IN WHICH PEOPLE AND PLANET THRIVE.
WHAT WE DO

1. WE ADVOCATE
2. WE TRAIN
3. WE CERTIFY
WHY GREEN BUILDINGS?
BUILDING GREEN IS ESSENTIAL

Almost half of all energy generated in the world is used by buildings. More than half of all resources are used in construction.

Global construction is responsible for:
- End-user energy consumption: 40%
- Solid waste generation: 40%
- Fresh water usage: 12%
WHAT IS A GREEN BUILDING?

A building which is energy efficient, resource efficient and environmentally responsible and it incorporates design, construction and operational practices that significantly reduce or eliminate the negative impact of development on the environment and occupants.
INTRODUCTION TO GREEN STAR.
NEW BUILDING & MAJOR REFURBISHMENT

INTERIORS

ASSESSES DESIGN & BUILD, ONCE OFF

EXISTING BUILDING PERFORMANCE

ENERGY WATER PERFORMANCE

ASSESSES OPERATIONS, ON-GOING
Categories of all Green Star SA rating tools

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<td>INNOVATION</td>
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<tr>
<td>Rating</td>
<td>Score at least:</td>
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</tr>
<tr>
<td>One Star</td>
<td>10</td>
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<td>Two Star</td>
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<td>Three Star</td>
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<td>Four Star</td>
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<td>Five Star</td>
<td>60</td>
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<td>Six Star</td>
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MAN-4: GREEN CLEANING PERFORMANCE

GREEN CLEANING POLICY: 1 POINT

Standards & performance measurements and metrics:
• stipulated, goals set.

Implement procedures and strategies:
• operating, handling, storing cleaning equipment/chemicals
• protecting vulnerable groups

Quality assurance control processes:
• Inspections, SLA’s, training plans, occupant feedback system

PURCHASE OF GREEN CLEANING CONSUMABLES: UP TO 2 POINTS

Top 3 cleaning consumables (by cost) purchased each have:
  o declared and achieved score on questionnaire based on

OR

  o the products are ecolabeled and are on the GBCSA’s recognised list.

CLEANING AUDIT: 0.5 POINTS

Conduct regular cleaning audits of entire facility in accordance with guideline set out. And score average of 3 or less must be obtained.

AREAS NOT UNDER THE CONTROL OF BUILDING MANAGEMENT

Tenant guidelines must be issued recommending consumables etc.
INTRODUCTION TO MOTHER NATURE.
MOTHER NATURE AS A CLEANER
MOTHER NATURE AS A CLEANER
MOTHER NATURE AS A CLEANER
MOTHER NATURE AS A CLEANER

LEARNING FROM NATURE: BIOMIMICRY

- Reduce pollutants
- Enhance water quality
- Improved user experience
- Enhance air quality
- Noise control

Can gain economic benefits with using smart sustainable practises:

- Energy efficiency = cost cut
- Waste efficiency = cost cut
- Water efficiency = cost cut

EXISTING BUILD PERFORMANCE
“How we respond now will decide the future of human civilisation. WE are the people we’ve been waiting for. There is no-one else. There is no other time. It is US and it is NOW”.

- Paul Gilding –

WHERE DO YOU STAND?
THANK YOU