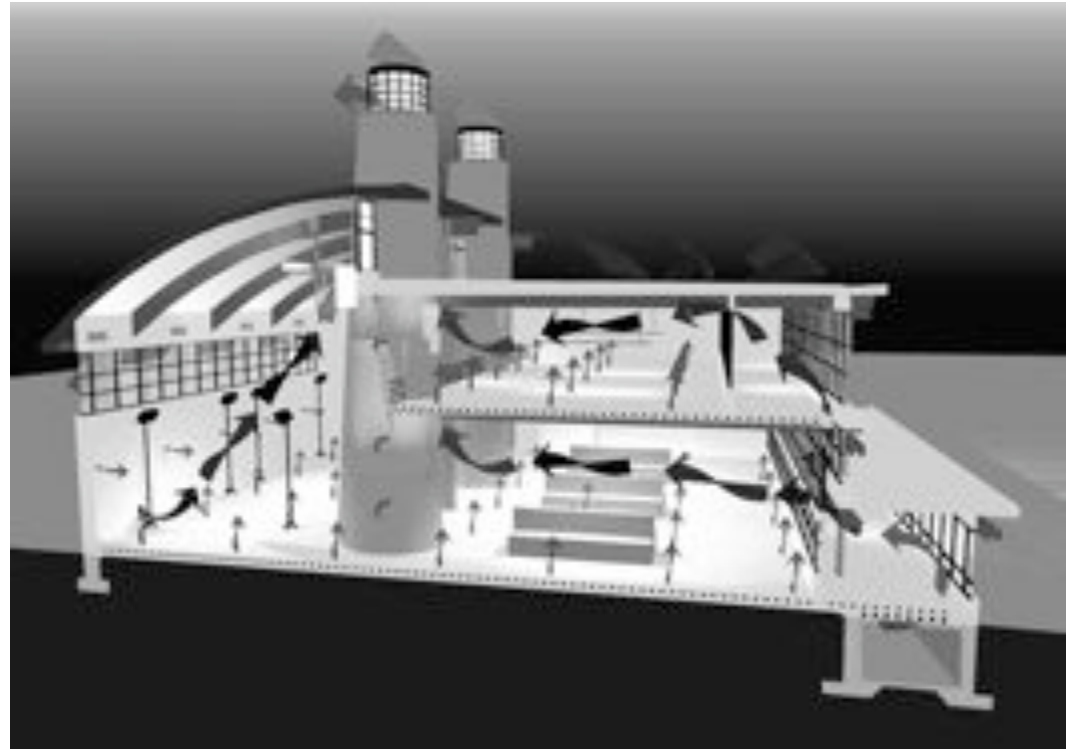


Buildings In Balance



May 3 & 4
Vancouver and Portland
Cascadia Green Building Council



OLD
MANSION
BUILDING

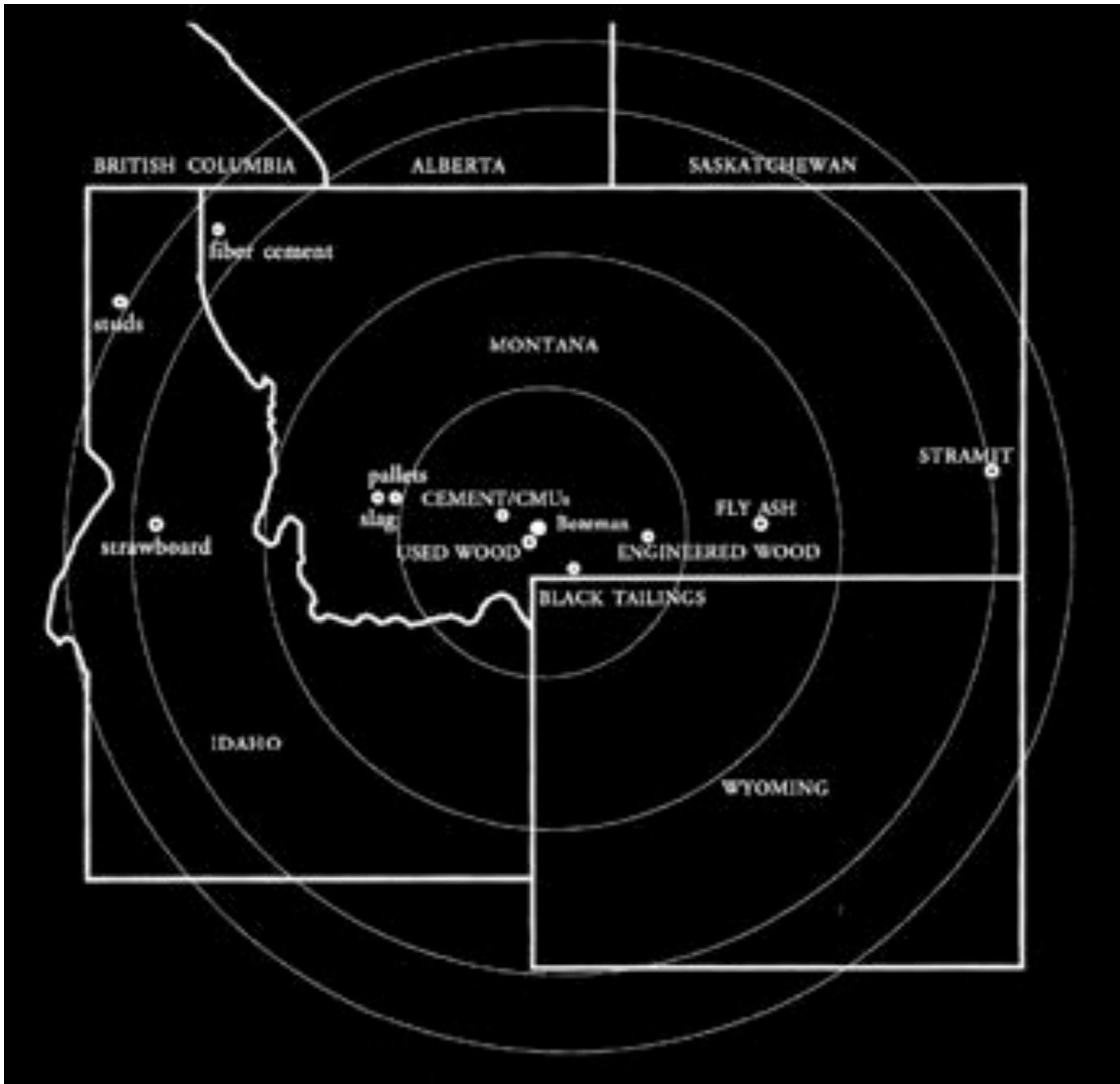
OR "HALL" OR CENTRAL OPEN
COURT

LAB BLOCK

NORTH / SOUTH SECTION LOCATED WEST

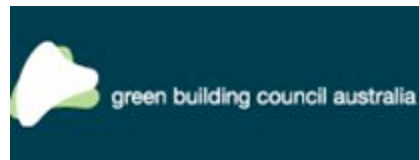






Current Members

Australia



Mexico



Brazil

(forming)

Taiwan



Canada



India



USA



Japan



United Arab Emirates



www.gbcaus.org

greenstar@gbcaus.org



5 star rating



**Lend Lease-Deutsche Bank
30 The Bond**

- Water**
- Water efficient fixtures and fittings
 - Water efficient landscape irrigation to the green roof
- Materials**
- The building will be delivered with a fully integrated fleet
 - Facilities will be provided for the ongoing collection, recycling and reuse of waste
 - Sustainable sourced timbers are being used throughout
- Land Use and Ecology**
- The development is on a previously industrial site and encompasses prior contamination
 - The project includes a green roof for staff access
- Pollution**
- Over 95% of wastepaper is sent to recycling
- Innovation**
- Full extensive solar heating use in Australia

- Energy**
- The space heating is provided by energy efficient under floor heating
 - First 5 star ASBCO2 rating for office buildings in Australia**
 - Low energy T5 lighting is installed
- Management**
- An independent commissioning report is being used to commission the under floor heating
 - Second commissioning will be undertaken to ensure the ASBCO2 target will be met
- Indoor Environmental Quality**
- 100% fresh air ventilation with ultra-low levels that required by the Australian Standard
 - Workstation layout includes fully operable automatic louvers to control glare and provide thermal comfort
 - Fresh air rates will exceed Australian standards increasing indoor air quality
- Transport**
- The building is located within the CBD in close proximity to Wynnum and bus interchanges
 - Cycling facilities and change rooms are provided on site



6 star rating



**City of Melbourne
Council House 2 (CH2)**

- Water**
- Maximum water recovery will be used to maximize water efficiency from sewage treating the site
 - Cooling towers will be designed to reduce water usage and minimize impact to the wetland
- Materials**
- Sustainable material selection are being used throughout
 - FSC will be achieved through replacement and avoidance
 - Recycle content for included in structure components
- Land Use and Ecology**
- The building will use a site currently being used for an open carpark
 - The project includes a green roof and vertical landscaping
- Pollution**
- Zero Green Cleaning Programs are used
 - Bioreactor treatment will reduce the load on the sewer system
- Wetland**
- A number of significant structures are planned

- Management**
- Client events have been made to ensure independent commissioning over 10 weeks
 - The construction will meet a 6 star Environmental Management Plan with Waste Recycling targets
- Indoor Environmental Quality**
- 100% fresh air ventilation with ultra-low levels that required by the Australian Standard
 - Tempered Fresh air will be supplied through an under floor to provide high ventilation effectiveness and noise reduction control by building users
 - A low temperature lighting system is progressing use level based building lighting levels
 - Indoor Digital Occupancy (IDOC) are installed in study halls including public and accessible to staff
- Energy**
- The space heating is provided by energy efficient under floor heating
 - Commissioning of a parking infrastructure with specially engineered trunks used to reduce
 - Peak demand reduction is achieved with on site regeneration and thermal storage facilities
- Transport**
- The building is located within the CBD and within close proximity to Trams and Buses and Government Street and provides close proximity to CityLink facilities are provided on site and both trams and bus lanes allow shared vehicles







Canberra, Australia

Reuse of WWII
Bunker in
CBD of capitol





Melbourne, Australia



LEED-Platinum in Hyderabad, India – Green Business Centre



Structure of CII-Godrej GBC



**Mr Jamshyd N Godrej
Chairman**

Advisory Board

**Renewable
Energy Council**

Chairman

**Mr Ramesh Kymal
Managing Director
NEG-Micon India
&
Members**

**Energy
Efficiency
Council**

Chairman

**Mr Pradeep Dhobale
Chief Executive
ITC Ltd, BPB Dvn
&
Members**

**Green Building
Council**

Chairman

**Mr ParasuRaman R
Managing Director
MK Electric India
Ltd
&
Members**

**Environment
&
Recycling**

Chairman

**Mr Pradeep Mallick
Advisor
Wartsila India Ltd
&
Members**

**Water
Management**

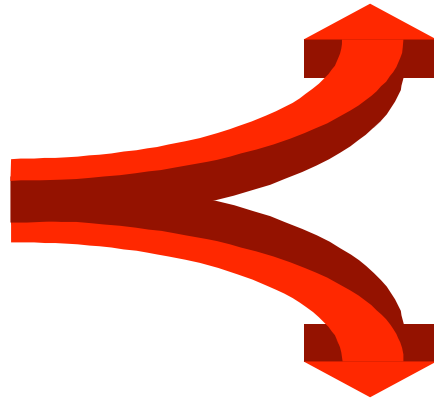
Chairman

**Mr Sanjay Kirloskar
CMD
Kirloskar Brothers
Ltd
&
Members**

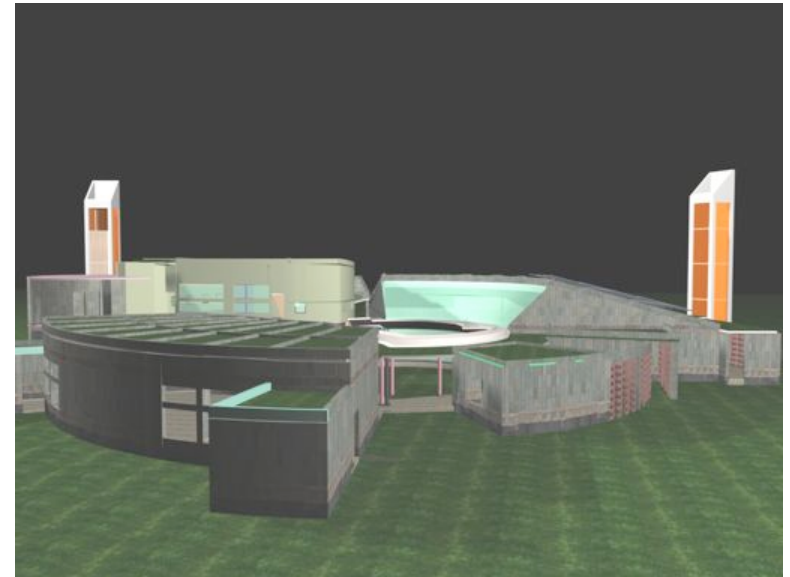
Strategies to promote Green Building in India

Strategy

**Information
dissemination**



**Facilitate
Implementation**



(“Trickle-down” approach
-Govt. and Corporate to take lead)



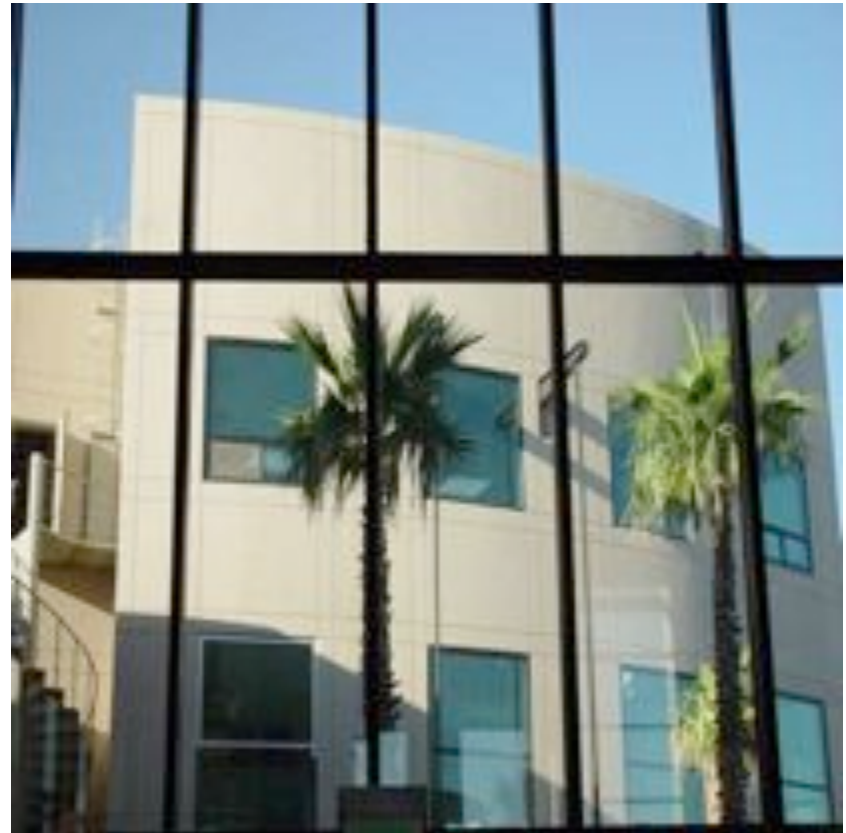
Dr. Reddy's Laboratories Hyderabad, India





Rating System Development
Under Consideration

Mexico Roadmap for
Affordable Housing





Centro Internacional
de Negocios (CIN)

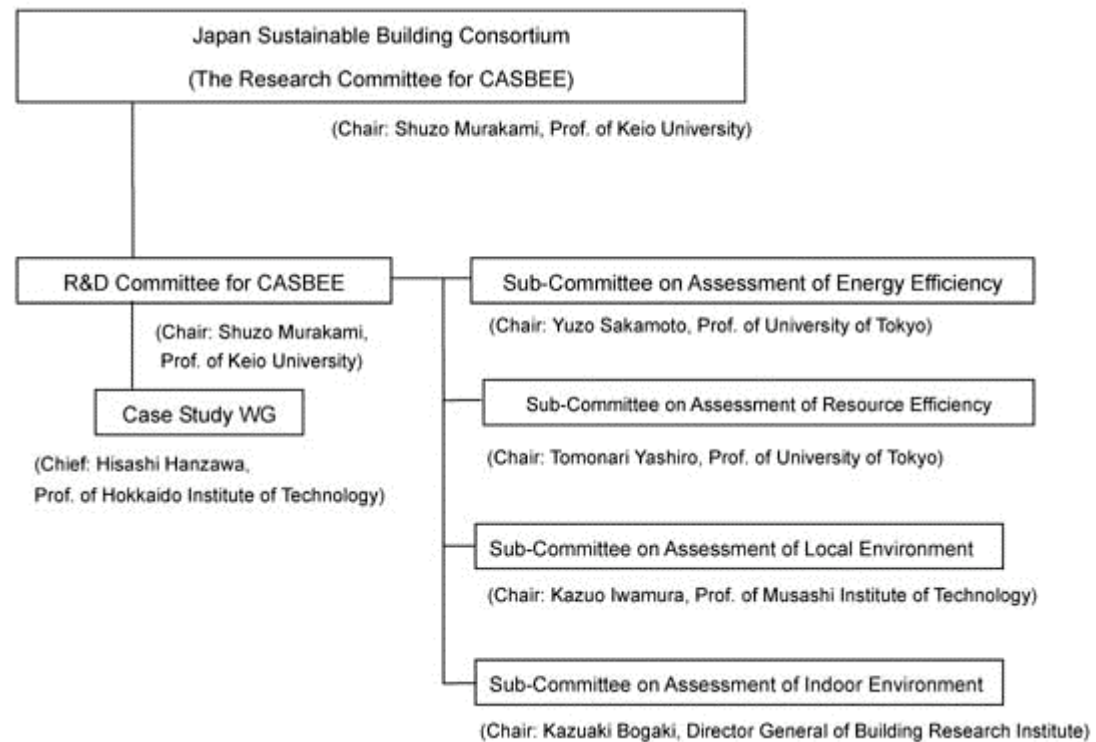




Growing Green in Mexico

CASBEE 建築物総合環境性能評価システム

Comprehensive Assessment System for Building Environmental Efficiency



Eco Lodge Shimanto Kouchi-Prefecture



North
View



West View (Main Entrance)



Hotel
Courtyard



View from Above



EEWH-GOLD

Taiwan's
Green Building
Rating System

Delta Electronics
Headquarters,
Tianan City, Taiwan



Wastewater Treatment Tainan City, Taiwan



Taiwan Semiconductor Manufacturing Corporation—FAB Plant 14

On Track
For
LEED
Gold

Sept. 07



U.S Green Building Council And LEED



Xanterra/National Park Service
Housing Project
Gardiner, Montana
LEED-Certified





Banner Bank
Boise, Idaho
LEED-CS Platinum



Northern Plains Resource Council
Billings, Montana
Soon to be LEED-Platinum

Green Homes and LEED Neighborhoods







Village Homes, Sylmar, CA



Pulte Home, Tucson, AZ



McStain Home, Boulder, CO



Hedgewood Home, Atlanta, GA

GREEN HOME DESIGN & BUILDING RESOURCES

- www.usgbc.org
- www.buildinggreen.com
- www.cmhc.ca
- www.eeba.org
- www.sbicouncil.org
- www.nahbrc.com
- www.buildingscience.com

WHY Build Green? For Them...



Thank you for all you do...

...To make a difference!

