

# Confederation of Indian Industry Sohrabji Godrej Green Business Center

Hyderabad, India

# Overview

- Designed by Karan Grover
- Houses R&D for sustainable technologies
- US Green Building Council named it the “Greenest Building in the World”
- LEED Platinum version 2 (56 credits)

# Logistics

- 20,000 ft<sup>2</sup> (1900 m<sup>2</sup>)
- Circular shape for space and light
- Main courtyard and smaller courtyards improve light

# Construction & Materials

- Barricades to prevent contaminant spread
- 96% construction waste was recycled
- 66% of material from within 500 miles
- 77% building materials have recycled content
- All wood used certified by FSC

# Energy Efficiency

- All enclosed spaces have natural light
- In low light, sensors trigger efficient bulbs
- Occupancy sensors
- 90% of building has daylight and views
- Solar cells provide 20% of electricity

→ 88% Energy savings!

# More Energy Efficiency

- Wind towers pre-cool air by spraying water
- Cools air 10-14° F!
- Reduces energy load on air conditioners

# Local Environment

- 35% less water demand from low flow toilets and faucet sensors
- Permeable pavements
- Runoff goes to root zone treatment, is collected, and used in the building
- Over half of the roof is a garden
- Located near public transportation
- Facilities promote use of bicycles

# References

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*all sites accessed on 10/20/06 or 10/22/06*