



# GreenHabitat

"A newsletter on Green Buildings"

From Indian Green Building Council, CII-Sohrabji Godrej Green Business Centre



## LEED-India Green Building Rating Program

A longfelt need to have an indigenised rating system was fulfilled with the launch of LEED India (Leadership in Energy and Environmental Design) New Construction in January 2007. The LEED India rating system has incorporated all the prevailing Indian benchmarks for building performance.



Hiranandani BG House Mumbai (LEED Platinum)

As on date more than 160 buildings have been registered under the LEED rating system, with a Built-in area of 101 million sq.ft. These include variety of buildings namely IT Parks, Commercial Buildings, Corporate offices, Airports, Hotels, Showrooms, Malls, Banks, Government Offices, Schools and Colleges.



Grundfos Pumps India Pvt. Ltd., Chennai (LEED Gold)

Being a holistic system, LEED India rating can be applied to all types of buildings including the naturally ventilated one. Variants like NC (New construction) CS (Core and Shell) etc are available to fit the scope of the projects. Variants for homes and enlisted buildings are being developed to cater to the growing interest in these sectors.



ITC Green Centre Gurgaon (LEED Platinum)

The various rating levels in the rating viz. 'Platinum', 'Gold', 'Silver' and 'Certified' are awarded in recognition of the extent to which the building outperforms the expectations of the national codes. LEED-India rated buildings would meet specifications of the National Building Code 2005, MoEF guidelines, Central Pollution Control Board norms, and the Energy Conservation Building Code (ECBC) of the BEE.



Spectral Services Consultants Pvt. Ltd. Noida (LEED Platinum)

### LEED India New Construction (NC)

- The LEED India Green Building Rating System for New Construction and Major Renovation (LEED India NC) provides a set of performance standards for certifying the design and construction phases of commercial, institutional buildings and high-rise residential buildings
- The rating system provides guidelines for the design and construction of green/ sustainable buildings of all sizes in both the public and private sectors



### LEED for Core and Shell (CS)

- The scope of LEED - CS is limited to those elements of the project under the direct control of the owner / developer
- Some of the buildings that fall under this category would be IT Parks, Mallsrented out commercial spaces etc
- LEED for Core and Shell (CS) encourages the implementation of green design and construction practices in areas the developer can control, which allows future tenants to capitalize on green strategies implemented by the developer



## Precertification

As most Core and Shell class projects are intended for renting out the space, LEED C&S offers a unique marketing tool. By documenting their green design and sustainable construction management plans, C&S developers can go for an optional endorsement of their intent to go for LEED Green building rating from the IGBC.



Hyderabad Institute of Technology and Management (HITAM)  
Hyderabad (LEED Silver)

## Few other Rated Buildings are:



Wipro Technologies Gurgaon  
(LEED Platinum)



Vestas Wind Technology Chennai  
(LEED Gold)



Technopolis Kolkata (LEED Gold)



L&T ECC Division, EDRC I Building  
Chennai (LEED Silver)



Olympia Tech Park Chennai (LEED Gold)



IGP Office Complex Gulbarga (LEED Gold)



ABN Amro Central Enterprises Chennai  
(LEED Gold)



Wipro Technologies Kochi  
(LEED Gold)




Rane Institute For Employee  
Development, Chennai (LEED Silver)

The list of the Rated/ Registered Projects follows:

## List of Certified Projects in India

Sl. No.	Name of the project	Built-in area (sq.ft.)
1	CII-Godrej Green Business Centre, Hyderabad	20000
2	ITC Green Centre, Gurgaon	170000
3	Wipro Technologies, Gurgaon	175000
4	Hiranandani BG Building, Mumbai	120000
5	Grundfos Pumps India Pvt Ltd, Chennai	50000
6	NEG Micon India Pvt Limited (Existing Building) (Vestas India), Chennai	20000
7	Technopolis, Kolkata	650000
8	Olympia Technology Park, Chennai	1200000
9	IGP Office Complex, Gulbarga	29000

Sl. No.	Name of the project	Built-in area (sq.ft.)
10	ABN Amro, Chennai	80000
11	ETL BPO Park, Chennai	1200000
12	Wipro, Kochi	100000
13	L & T EDRC 1, Chennai	81000
14	Hyderabad Institute of Technology & Management Hyderabad	78000
15	World Bank building, Chennai	136000
16	RMZ Millennia Business Park, Chennai	1800000
17	RMZ Ecospace, Kolkata	1296753
18	Ambuja - Ecospace (Udayan Greenfield), Kolkata	1278645

 Platinum Rated

 Gold Rated

 Silver Rated

 Pre-Certified

## List of Registered Projects in India

Sl. No.	Name of the project	Built-in area (sq.ft.)
19	North Delhi Power Limited, Delhi	54000
20	ONGC, Mumbai	200000
21	ONGC, Dehradun	200000
22	ONGC, Delhi	500000
23	IMTMA, Bangalore	400000
24	K Raheja Corporation, Mumbai	120000
25	Hyderabad International Airport, Hyderabad	1200000
26	Infinity (Benchmark), Kolkata	550000
27	Neelakanth Tech Park, Mumbai	450000
28	Enercon Tower, Mumbai	57000
29	Hyderabad Urban Development Authority, Hyderabad	20000
30	L & T – TC II Building, Chennai	136000

Sl. No.	Name of the project	Built-in area (sq.ft.)
31	Spectral Services Consultants Pvt Ltd, Noida	15000
32	Commerzone, Pune	400000
33	Microsoft, Hyderabad	550000
34	HSBC, Hyderabad	200000
35	Turbo Energy Limited, Chennai	20000
36	Lake Plaza Hotels (Park), Hyderabad	340000
37	Srijan Properties Pvt. Ltd., Kolkata	400000
38	Tata Chemicals, Hyderabad	35000
39	Urbane Industries, Chennai	7000
40	Chennai Tech Park, Chennai	1800000
41	ECCI Info Park, Chennai	540000
42	AMTI Tech Park, Chennai	398000
43	TCS, Trivandrum	40000



Sl. No.	Name of the project	Built-in area (sq.ft.)
44	TCS, Bhubaneswar	120000
45	Synthesis Business Park, Kolkata	650000
46	Minestone Green Diamonds, Navsari	40000
47	ABN Amro, Ahmedabad	8000
48	Saraf Nirmaan & Commerce Limited, Kolkata	100000
49	Kirloskar Brothers Limited, Pune	130000
50	Flagship Infrastructure Pvt. Ltd., Mumbai	9000000
51	Hozman Property Management Pvt. Ltd., Hotel at Whitefield, Bangalore	134557
52	Hozman Property Management Pvt. Ltd., Resort at Kabbinkad, Coorg	83665
53	Larsen & Toubro Limited, Mumbai	25000
54	Patni Computer Systems Ltd., New Delhi	81607
55	CeeDeeYes Housing and Infrastructure Ltd., Chennai	725611
56	Reliance Energy Limited, Mumbai	650000
57	Eureka Forbes Institute of Environment, Chennai	80000
58	Modine Thermal System Pvt. Ltd., Chennai	95940
59	Motorola India Pvt. Ltd., Bangalore	270000
60	Rane Institute for Employee Development, Chennai	16500
61	Tata Xylem Building, Bangalore	570000
62	Lodha (i-THINK campus), Mumbai	2000000
63	Lodha (Apollo Mills Compound), Mumbai	100000
64	GMS Construction Co. Pvt Ltd., Mumbai	130000
65	Interface, Bangalore	3500
66	Kalpataru Square, Mumbai	100000
67	Asian Health Care, Mumbai	450000
68	Reliance Energy, Mumbai	360000
69	Aquamall Water Sol, Dehradun	12000

Sl. No.	Name of the project	Built-in area (sq.ft.)
70	Shree Ram Urban Infra (Palais Royale), Mumbai	200000
71	Selecto Systems (HTP)	2000000
72	Cethar Vessels, Trichy	186000
73	New Consolidated Construction (Thermax), Pune	100000
74	ICICI Tower, Hyderabad	3000000
75	Ashok Leyland Properties Limited, Chennai	192000
76	Suzlon Energy Limited, Pune	600000
77	GE India Technology Centre, Bangalore	350000
78	Hosmac India Pvt. Ltd., Mumbai	300000
79	Thermax Limited, Mumbai	64000
80	Patni Computer Systems Ltd., New Delhi	380791
81	Skyline Aviation Pvt. Ltd., New Delhi	600000
82	Johnson Diversey India Pvt. Ltd., Mumbai	5000
83	Confederation of Indian Industry - Kolkata	32000
84	FLSmith Private Limited, Chennai	290272
85	Syntel International Pvt. Ltd., Chennai	750000
86	Soundarya Decorators Private Limited, Chennai	18136
87	Soundarya Decorators Private Limited, Chennai	98200
88	K Raheja Universal Private Limited, Mumbai	500000
89	Great Lakes Institute of Management, Chennai	158000
90	Limelight Property Solutions India Pvt. Ltd., Chennai	8000
91	Karnataka State Police Housing Corpn. Ltd., Bangalore	118000
92	Smaartechn Inc	65000
93	Faery Estates Private Limited, Chennai	2700662

Sl. No.	Name of the project	Built-in area (sq.ft.)
94	Mumbai Metro One Private Limited, Mumbai	54000
95	Southern Railway, Chennai	8000
96	Wipro Technologies, Bangalore	601300
97	Wipro Technologies, Bangalore	1334996
98	Wipro Technologies, Chennai	895325
99	Newgen Imaging, Chennai	120000
100	Tata Consultancy Services Limited, Chennai	2500000
101	Wipro Limited, Pune	450000
102	Ashok Leyland Properties Limited, Chennai	192000
103	Bellamy Investments & Trading Co. Pvt. Ltd., Mumbai	189900
104	Indian Railway Institute of Civil Engineering, Pune	93700
105	Mittal Builders, Mumbai	100000
106	Infosys BPO Limited	262000
107	VESTAL, Visakhapatnam	100000
108	ZOHA, Nai Bazar	50000
109	Larsen & Toubro Limited, Ahmednagar, Mumbai	43540
110	Jawaharlal Nehru Bhavan (Ministry of External Affairs) New Delhi	299775
111	Srinivasa Shipping & Property Development Ltd., Chennai	142000
112	Srinivasa Shipping & Property Development Ltd., Chennai	477720
113	Larsen & Toubro Limited, Chennai	831000
114	Environmental Design Solutions, New Delhi	199530
115	RMZ Corp, Bangalore	1900000
116	K Raheja Corp Pvt. Ltd., Mumbai	150000
117	Larsen & Toubro Limited, Chennai	2000000
118	Rehab Housing Pvt Ltd., Mumbai	2091000
119	ICICI Bank Tower , Hyderabad	3000000

Sl. No.	Name of the project	Built-in area (sq.ft.)
120	Shree Ram Infrastructure Ltd., Mumbai	200000
121	Serene Properties Pvt. Ltd., Airoli, Mumbai	370000
122	Serene Properties Pvt. Ltd., Airoli, Mumbai	260000
123	Advant IT Park Limited, Delhi	938000
124	Burt Hill Design Pvt. Ltd., Ahmedabad	517000
125	Pocharam (Serene Properties Pvt. Ltd.) Hyderabad	320000
126	Airoli (Serene Properties Pvt. Ltd.) Mumbai	350000
127	Intime Properties Pvt. Ltd., Mumbai	200000
128	Sundew properties Pvt. Ltd., Mumbai	540000
129	Sundew properties Pvt. Ltd., Hyderabad	484707
130	Indu Projects Limited, Hyderabad	1100000
131	KLG Systel Limited, New Delhi	323753
132	Vikas Telecom Limited, Bangalore	900000
133	Indiabulls Properties Pvt. Ltd., Mumbai	2658204
134	Fort Projects Private Limited, Kolkata	145000
135	Kapico Hospitality Private Limited. Chennai	335830
136	TSI Ventures, New Delhi	2200000
137	GMS Construction Private Limited, Mumbai	180000
138	Rockman Industries	1600000
139	HCC Real Estate Limited, Mumbai	1800000
140	Lodha Developers Private Limited, Mumbai	1800000
141	Noida Cyber Park Pvt. Ltd., Noida	945365
142	Serene Properties Pvt. Ltd., Mumbai	350000
143	Ivory Property Trust, Kalina C & D, Mumbai	170000

Sl. No.	Name of the project	Built-in area (sq.ft.)
144	Commerzone	400000
145	Aqualine Properties Pvt. Ltd., Mumbai	400000
146	TMCB 2, Mumbai	440000
147	Akruti City Limited, Mumbai	334149
148	Neelkanth Urban Developers Pvt Ltd., Mumbai	625000
149	Mahindra Lifespace Developers Limited, Mumbai	1400000
150	RMZ Esplanade, Bangalore	2350000
151	Lodha Excellus, Mumbai	650000
152	Gigaplex – Airoli, Mumbai	326525
153	Logitech Park, Mumbai	937514

Sl. No.	Name of the project	Built-in area (sq.ft.)
154	Bearys Global, Bangalore	850000
155	Gigaplex – Airoli , Mumbai	326525
156	Mahindra Lifespace Developers Limited, Mumbai	387296
157	Liberty Whitware Limited, New Delhi	500000
158	ACC Limited, Mumbai	103200
159	Mahindra Lifespace Developers Limited, New Delhi	453860
160	Vipul Limited, Gurgaon	496434
161	Godrej & Boyce Mfg. Co. Limited, Mumbai	1000000
162	Keystone Realtors Private Limited, Mumbai	306904
163	SKM Fabrics (Andheri) Limited, Mumbai	47000

## Green Building Services

IGBC offers the following services:

- 1. Feasibility Study** - To explore, evaluate and recommend the methodology, benefits, implementation of certification process, assessment of additional investment and time required to achieve Green Building Rating.
- 2. LEED Training Program** - Green building training programmes on LEED rating system, detailed training programmes with the aim of capacity building.
- 3. LEED-India Certification services** - Certification of all green buildings registered under LEED India jointly with USGBC.
- 4. IGBC - Accredited Professional examination-** Administer the IGBC Accredited Professional examination. This would enable successful candidates to facilitate LEED projects in India.
- 5. Green building missions, awareness and Outreach programmes** - Carry out green building missions and awareness programmes in India as well as other countries.
- 6. Green Building Congress** - It is India's flagship event on green buildings which is held annually. The event comprises of conference on green buildings, exhibition of green building products and materials, workshops and green building tours. The green Building Congress is well attended by participants from different countries like USA, Canada, Dubai, Sri Lanka etc.



CII - Sohrabji Godrej Green Business Centre Hyderabad (LEED Platinum)

### If you are constructing a building, Go Green!

For LEED India registrations and green building services kindly contact :

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