



## **UN HABITAT AWARD - BEST PRACTICE - LEED CERTIFICATION**

### **1- BEST PRACTICE IDENTIFICATION**

LEED certification & compliance capability creation for Wipro's new civil infrastructure

### **2 - CONTACT PERSON**

Mr. Ashish Shah

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### **3- COMPANY PROFILE**

WIPRO LIMITED

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[www.wiprocorporate.com](http://www.wiprocorporate.com)

[www.wipro.com](http://www.wipro.com) ; [www.wipro.in](http://www.wipro.in) ;

<http://www.wiprocorporate.com/consumercare/index.htm> ;

<http://www.wiproinfra.com/>

Year of establishment

1945

Number of employees

2008-09- 100024

2007-08- 95000

Annual revenues for the last five years (2003-07)

Total Revenues for the year ended March 31, 2008 were Rs. 199575 Mn (USD 4933.00 Mn)

Total Revenues for the year ended March 31, 2007 were Rs. 150008 Mn (USD 3467.08 Mn)

Total Revenues for the year ended March 31, 2006 were Rs. 106258 Mn (USD 2385.50 Mn)

Total Revenues for the year ended March 31, 2005 were Rs. 81698 Mn (USD 1865.02 Mn)

Total Revenues for the year ended March 31, 2004 were Rs. 58812 Mn (USD 1346.03 Mn)

Total Revenues for the year ended March 31, 2003 were Rs. 43341Mn (USD 901.53 Mn)

### **4 - INDUSTRY SECTOR**

Wipro as a corporation is present across the following sectors:

- Information Technology
- Consumer Care & Lighting
- Infrastructure (Hydraulics, Clean Energy & Water Re-use)



## 5 - CORPORATE MISSION

Wipro's vision is to "Live the Spirit of Wipro in our engagement with all stakeholders."



The vision of the different business units of Wipro are as under:

### Wipro Technologies

*To be among the top 10 Information Technology Services companies in the world, delivering innovative & best in the class IT, business process & design solutions to customers, in an environment that provides our employees a professionally enriching & rewarding career*

### Wipro Infotech

*To lead with Business Transformation proposition to become the Number 1 IT services provider in India by March 2011. To rank amongst the Top 3 IT services provider across Middle East by March 2011*

### Wipro Consumer Care

*To be amongst the top 10 FMCG companies by revenues & profits in India, by March 2009. To be the fastest growing FMCG Business in Asia*

### Wipro Infrastructure Engineering

*To achieve global leadership in the Hydraulic Cylinder business, with a market share of 15%, by 2013. To build the business for Ecological Sustainability so as to be amongst the top 3 global players, in the chosen segments, by 2013*

## 6 - MEMBERSHIP to voluntary initiatives and business associations

- Carbon Disclosure Project participation (CDP5 & CDP6)
- Partnership with WWF for ICT solutions
- Global Forums (UN Global Compact;
- Dynamic Coalition on Internet & Climate Change (DCICC))
- Industry Forums (Green Grid, CII, NASSCOM)
- Research organizations (ATREE for tree transplantation)



## 7 - CATEGORY of the Best Practice

Category 2: Sustainable water, sanitation waste management and urban infrastructure solutions

## 8 – PARTNERS

Name of Organization	Address of Organization	Type
INDIAN GREEN BUILDING COUNCIL	CII Shorabji Godrej Green Building Centre Sy No. 64, Kothaguda Post, Near Kothaguda Cross Road, Rangareddy district, Hyderabad – 500032 Email: <a href="mailto:igbc@ciionline.org">igbc@ciionline.org</a>	Consultants
GODREJ & BOYCE MANUFACTURING COMPANY LTD	Green Building Consultancy Services. Plant – I, E & E Division, Firoz Shah Nagar, LBS Road, Vikhroli Road, Mumbai Email: <a href="mailto:rpe@godrej.com">rpe@godrej.com</a>	Consultants
ENVIRONMENTAL DESIGN SOLUTIONS	# 657, A/C, Vasanth Kung, New Delhi, 110070 Website: <a href="http://www.edsglobal.com">www.edsglobal.com</a>	Consultants

## 9 - BUSINESS GOAL

To design and build energy efficient buildings across Wipro's facilities in India, such that there is reduction in usage of energy & water, manage waste (pre & post construction).

- To achieve energy saving of 18% to 30% with respect to base building depending on the location.
- To achieve water savings of 18% to 20%

## 10 - MARKET COVERAGE and TARGET GROUP

The above stated business practice is internal to Wipro – it covers all the new facilities developed across India.

## 11- BUSINESS CONTEXT

Reduce the lifetime energy & water consumption costs for new buildings

## 12- PROCESS

The process followed is as per the LEED certification norms.

## 13 - ASSETS

- Material used as per Indian Green Building Council norms
- Local / regional building material



## 14 - REVENUE STREAMS

The LEED certification process is internally financed as a part of the Infrastructure Budget.

## 15 - ACHIEVEMENTS

- The Gurgaon Development Centre got a Platinum rating award during September 2005 from US Green Building Council. This was second greenest building in the world.
- The Cochin Development Centre got a Gold Rating award during September 2007 from USGBC.
- About 10 projects submitted for Green Building Certification to IGBC for Gold Rating
- Pilot project has been executed with new technologies like Chilled Beam System (HVAC) to enhance energy saving.

Lead Certified:  
Platinum Rating



Gurgaon Development Center



Kochi Development Centre

Lead Certified:  
Gold Rating

## 16 - KEY DATES

- September 2005 - Gurgaon Development Centre got platinum rating award during September 2005 from USGBC. This was second greenest building in the world.
- September 2007 - Cochin Development Centre got Gold Rated during September 2007 from USGBC
- Green Building Certification (Gold Rating) has been applied for 10 more building projects

## 17 - IMPACTS

As a part of Wipro's Ecoeye Charter to conserve energy, water and reduce waste – the LEED certification norms are being implemented to help transform the way Wipro's manages its building infrastructure. It has helped to:

- Reduce energy consumption & conserve water
- Promote the use of local / regional building material. Thereby, help reduce the carbon footprint of building activity (i.e. save on transportation from traditional source points).
- Helps promote employment in the local construction material industry.
- Use of technology for efficient & effective use of resources e.g. efficient use of lighting power by deploying sensor-based lighting systems,

## 18 - SUSTAINABILITY

- Promotes the use of local / regional construction material, thereby promoting employment in the local construction material industry



- Over the last 3 years, Wipro has been the trend setter in LEED certified building. 2 certified: Gurgaon (Platinum) & Kochi (Gold); All new buildings: Upfront certification (minimum Gold rating) 7 new buildings certification process underway; 10 more to follow. For old buildings an incremental move towards Gold rating norms is being taken up i.e. apply the norms minus the certification.

## **19 - LESSONS LEARNED**

- Improved indoor-air quality results in increased productivity
- Re-use of construction waste for creating of roads by which soil will not get effected due to dumping
- Use of non-CFC refrigerants for HVAC system helps reduce ozone depletion
- Use of locally available material helps avoid burning of fossil fuel due to transportation. Also, helps contribute to the society by creating job opportunities

## **20 – REFERENCES**

<http://www.wiprocorporate.com/ecoeye/>

(Go to Ecoaction → Case Studies)