

GREEN PROCUREMENT AT IT PARKS, INDIA

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Green Purchasing and the Supply Chain. Environmentally Preferable Purchasing (EPP) or **Green** Purchasing refers to the **procurement** of products and services that have a lesser or reduced effect on human health and the environment when compared with competing products or services that serve the same purpose.

PRINCIPLES OF PROCUREMENT

- Governance and Compliance with Transparency.
- Subscribe to an open and Transparent Procurement regime across all stages of the Procurement Lifecycle.
- Value for Money
- To Procure from sources that can best meet User Department's requirements and offer the best value in terms of money and Quality of service and product.
- Sustainable Practices

How is Green Procurement Implemented

5 Simple Ways to Create a Green Procurement Program

- E- Procurement
- Ask for Green. When issuing RFPs be deliberate in asking your potential suppliers to provide you with the most environmentally sound product, with the highest quality, at the lowest price.
- Develop a Code of Conduct that includes Green.
- Educate your supply base.
- Reward good behavior.
- Practice what you preach.

Sustainability Roadmap at India Business Parks

- Reduce Energy
- Increase Efficiency
- Connectivity & Mobility
- Smart Design

Reduce Energy

- EC Fans
- Ultra Violet Germicidal Irradiation (UVGI) to HVAC System
- Magnetic Coupling for HVAC pumps
- ACMV retrofit
- Pump Optimization
- Effective monitoring

Increase Efficiency

- Ascendas operation Centre
- Destination control system – lifts
- Smart metering and data analytics
- Battery storage
- Monitor and control IAQ
- Water efficiency

CONNECTIVITY

- E Bi-cycles
- Battery operated Buggies, vehicles and charging Docks
- Carpooling App
- Shared transportation

Smart design

- Increased renewable energy portfolio
- Asset enhancement with energy efficient infrastructure
- Latest tech based IBMS

Making our parks sustainable

- Switch to Renewable power
- Energy efficiency
- Water efficiency
- Mobility
- certification

Switch to Renewable power

Solar power to the tune of 74 million KWH
APPROX 30% of parks power consumption
52,000 metric tons of CO2 reductions p.a

Energy efficiency

- 44% of energy use intensity reduction from 2011 to 2012
- 99% accuracy in predicting electricity consumption figures

Water efficiency

- 38% reduction in water consumption per sqmt from 2011-12 through effective water management
- 100% usage of treated water

Mobility

- 100 buses ply from State Govt to cater for 8000 persons

Certification

Green Building Certification for 80% plus
buildings through LEED/IGBC

All future building will be green

WELL BUILDING CERTIFICATION

The **WELL Building** Standard® is a performance-based system for measuring, certifying, and monitoring features of the built environment that impact human health and wellbeing, through air, water, nourishment, light, fitness, comfort, and mind

Challenges and moving towards a Sustainable future ...

- Co-working Space
- Digitization
- Eco friendly Technologies
- Smart Building Solutions
- Regulatory & Policy framework
- Awareness Campaign on Nature Conservation

Q & A

Thank you