



## PROJECT REGISTRATION FORM

<b>Project Number:</b> BATF-08-49	<b>Task Force:</b> Building and Appliances
<b>Title of Project:</b> GreenSpaces™ – IT / ITeS Special Economic Zone	
<b>Lead Partner Country:</b> India	
<b>Participating Partner Countries and Organizations:</b> USA, Australia, Japan, Canada, & China Please see <a href="http://www.greenspaces.in">www.greenspaces.in</a> for technology partner list and Hon Advisory Board members.	
<b>Project Manager Name:</b> Mr. Kamal Meattle, CEO, <span style="float: right;">Phone: +91 11 2620 7748</span> Selecto Systems Private Limited <span style="float: right;">Fax: +91 11 2620 7700</span> Address: PBC-STIP, Nehru Place Greens, New <span style="float: right;">Email: <a href="mailto:meattle@pbcnet.com">meattle@pbcnet.com</a></span> Delhi 110019 <b>India</b>	
<b>Project Start Date:</b> September 2001	<b>Proposed Project End Date:</b> June 2011
<b>Project Location(s):</b> 15/1, Main Mathura Road, Faridabad, Haryana, India. It is located about 6KM's from Delhi on the National Highway 2 to Agra.	
<b>Description of Project:</b> Buildings account for about 40% of total global energy usage.  By demonstrating the reduction in the energy used (mainly fossil fuel derived grid power), in a commercial building of a reasonable size covering approx 1.7 million ft <sup>2</sup> of Built Up Area, and using renewable sources, our collective carbon dioxide emissions will be reduced, reducing in turn, our impact on global warming and helping the environment.  The GreenSpaces™ experience will be meaningful for society as it will help demonstrate that it is economically possible to reduce the energy use in buildings, from 40% to 10% through technology, lifestyle changes & design, even in an underdeveloped country.  It will also prove that 'Green is Green' and hence sustainable and this model can be repeated in other geographies.	
<b>Project Objectives:</b> <ul style="list-style-type: none"> <li>➤ To deliver the world's most energy efficient commercial building measured by achieving the highest number of points, world wide, in USGBC LEED 2.1 or 3.0 certification (draft).</li> </ul>	



### **Project Deliverables:**

- Minimizing carbon footprints at work
- The healthiest & most fun working environment in India
- To achieve USGBC LEED Platinum 3.0 certification target 105/110 or 65/69 in 2.1 Version and TERI GRIHA certification target 98/100.
- To earn Carbon Credits under Credit Development Mechanism
- To achieve Equity IRR >25% through consideration of technology, constructability, serviceability and reduced energy use.

### **Project Requests to :**

Department of Energy, USA <http://www.doe.gov/>

Bureau of Energy Efficiency, India <http://beenet.in/>

Asia-Pacific Partnership on Clean Development & Climate <http://www.asiapacificpartnership.org/>

To promote and create public awareness about the GreenSpaces™ Project being build as World's most energy efficient building by hyper linking the [www.greenspaces.in](http://www.greenspaces.in) to their respective websites and to use our case study in their promotional materials.

### **Project Milestones:**

#### **Year 2001**

Application for setting up of an I.T. Park to Haryana Government

#### **Year 2004**

Grant of license for an I.T. Park by Haryana Government

Project & Market Feasibility Study

#### **Year 2005**

Application for setting up IT / ITeS SEZ to the Government of India

USGBC LEED Application under NC 2.1

SEZ In-principle approval from Government of India

#### **Year 2006**

Concurrence from State Government of Haryana to Government of India for the SEZ, as the project was located in Haryana State

SEZ Formal Approval from Government of India

Selection and signing of Technology Partners

Constitution of Honorary Board of Advisors

#### **Year 2007**

SEZ Notification in the Official Gazette of India

Appointment of LEED /Griha Professionals

Appointment of Environmental Site Assessment (ESA) Brownfield Consultant

Application for Environmental Impact Assessment (EIA) to Government of India



#### **Year 2008**

EIA Approval from Government of India  
ESA Brownfield Phase-I & II report  
Communication from IFC, Washington in-principle approval for Debt for the project  
In-principle approval from the Private Equity (PE) fund for investment  
Selection/Appointment of Design & Construction Team  
Nomination from Government of India as a Flagship Project under APP BATF  
Formation of Alliance between the Owner, Architect, MEP Consultant & the Construction Company  
Design Workshops  
Design review through Honorary Board Advisors/LEED/Griha Professionals  
Financial Closure

#### **Year 2009-2011**

Start the Construction  
Market Feasibility Review  
Letter of Intent from Prospective Clients  
LEED/Griha Monitoring  
Continuous feedback from Advisors  
Completion Certificate  
LEED/Griha Certification  
LEED/Griha Post Commissioning Monitoring  
Report to the Task Force

#### **Resources: USA, Australia, Japan, Canada, Japan, & India**

**Other Information:** We have the experience of more than 17 years of running the successful Paharpur Business Centre & Software Technology Incubator Park (PBC).

It is an ISO 9001:2000; ISO 14001:2004; ISO 22000:2005; OHSAS 18001:1999 & SA 8000:2001 certified Company. Commitment to UN Global Compact and Government recognised Software Technology Park-STP.

It is likely to get USGBC LEED Platinum (EB) certification by year end.

At PBC the Indoor Air Quality is conforming to ASHRAE (American Society for Heating, Refrigeration and Air-Conditioning Engineers) Standards.

We use toxin removing plants to clean the air and add natural Oxygen.

Biotechnology which was originally developed by NASA (The National Aeronautics and Space Administration) is being used by PBC's IAQ Research Team on plants suitable for the Delhi climate .

IAQ research data is posted daily at our website, [www.pbcnet.com](http://www.pbcnet.com)