

Rajiv Gandhi Renewable Energy Park (RGREP)

www.energycentre.in







Nov 2009; HAREDA to Advit





Apr 2010; Open and Fully Functional





...about the project

Rajiv Gandhi Renewable Energy Park (RGREP)

- Nodal Energy Centre developed by Haryana Renewable Energy Development Agency (HAREDA), with support from Ministry of New & Renewable Energy (MNRE) and BEE
- Managed by Advit Foundation, Promotes energy efficiency, renewable energy, climate mitigation (carbon neutral options) and environment friendly technologies
 for benefit of civil society and industries







...Key highlights

Rajiv Gandhi Renewable Energy Park (RGREP)

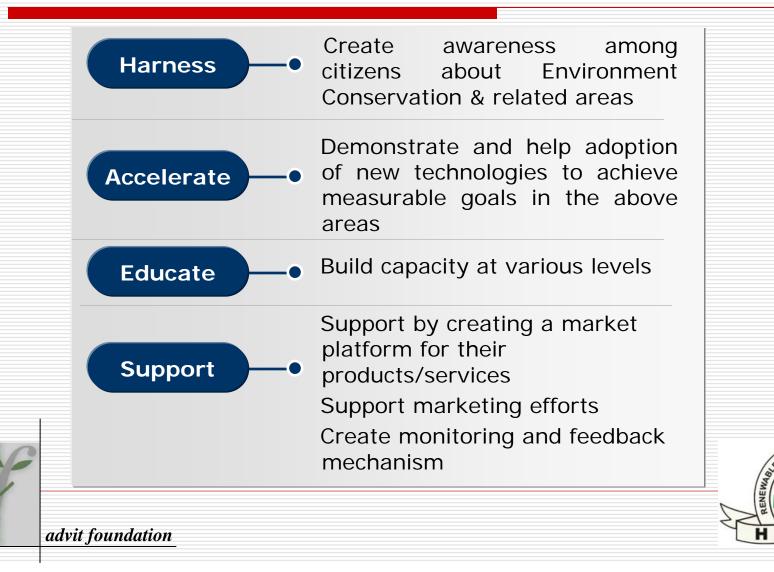
- Solar passive building, demonstrating several green architecture features
- Off-grid campus, generating the required electricity by solar energy
- Facilities:
 - 1.6 acres of campus area
 - Well maintained lawn space
 - 2 Training rooms equipped with projector, TV & sound system; capacity of 25 people in each
 - 2 rooms with models and games
 - Roots A low carbon slow food cafe
 - The shop Climate change adaptation and mitigation products







...objectives





Our Methodology

....multipronged approach

Adopting RE and EE technologies that indirectly have positive impact on environment in general and climate change in particular.

Holistic and Creative approach

- build awareness
- initiate actions

Ideal venue

- To enable and engage in adopting renewable energy technology options
- EE and RE to exhibit
- Service providers in EE and RE architecture







Current affiliations

....technology support

- EE posters ADEME/ Robert Angioletti 12 posters designed by BCIL and Advit
- Display products Su kam, TATA BP Solar, Easy to Commute, Pluss polymers, Schneider, Enablers and Enhancers,
- NGO's Centre for Media Studies, IRRAD, Shristi, Search Years
- Architecture information EDS, Space design consultants, Sanjay Prakash and Associates, Kalpakrit





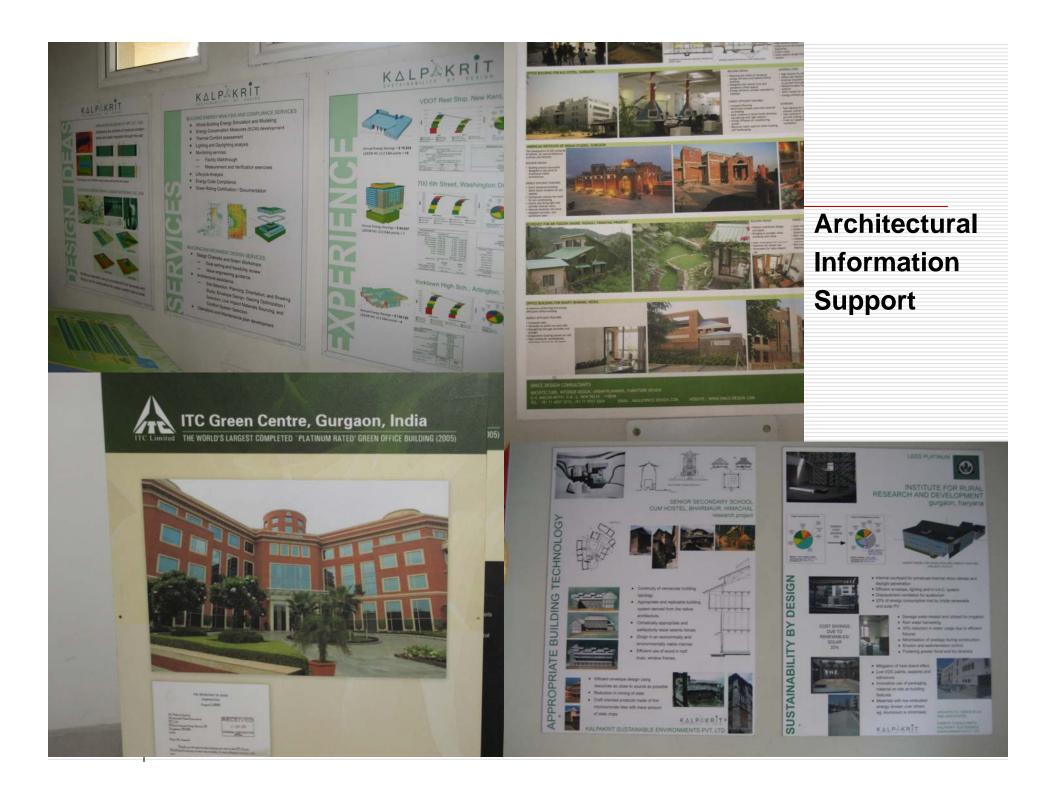


Technology support











... awareness initiatives

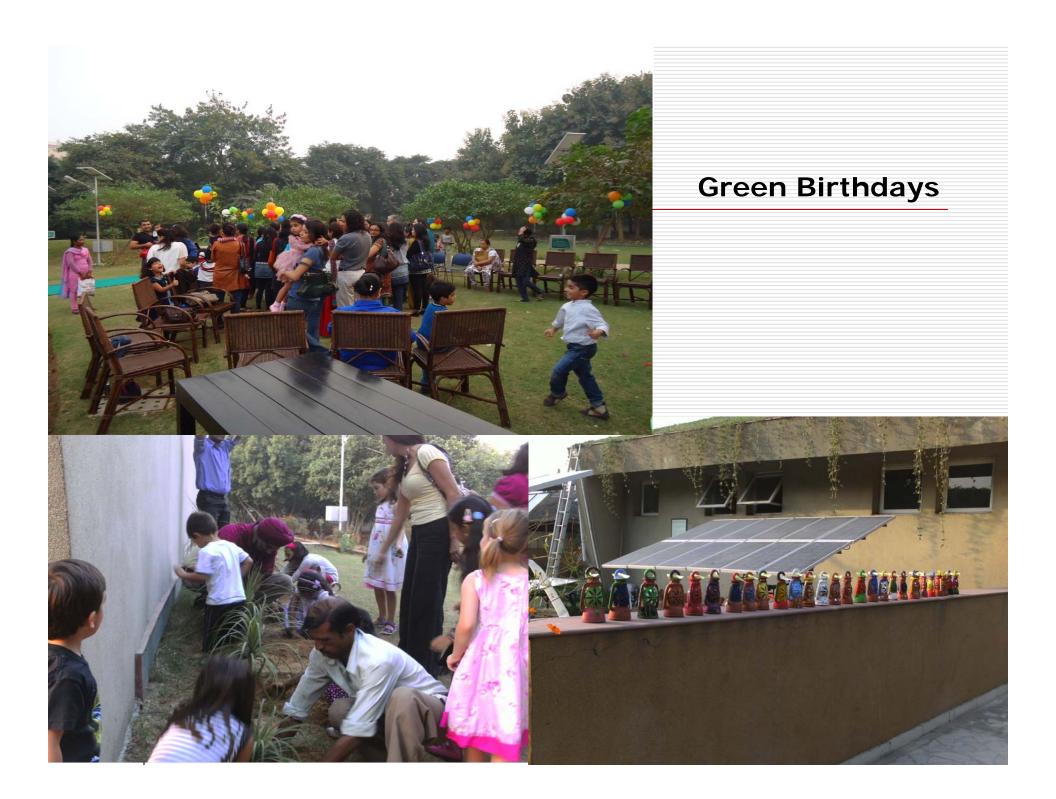
- >15000 people in 10 months
- Films on RE, EE and CC from Centre for Media Studies
 - □ Catalogue of >25 nominated films
- Green birthdays with a pledge to go renewable
 - Hosted about 15 birthdays
- Energy efficiency as a holistic approach
 - □ Organic farming and CC
 - Water conservation
 - Composing
 - Education on materials for energy conservation



Low Carbon Café – Roots









Community awarenss programmes





Organic food and Climate Change





... industry initiatives

- >75 industries have consulted on RE technology
- Industrial trainings Cleantech Conclave
- Energy efficiency awareness for industries
- Partnered to prepare guidelines for designing energy efficiency for Apparel Industries – project for GTZ
- Fixed type solar cooker making workshop rural entrepreneurs
- Energy audits facilitated 11 investment grade energy audits in the last 1 yr







- Energy efficiency awareness programme, Feb 2010
- Cleantech Conclave, Apr 2010
- Designing energy efficiency for apparel industries











...school programme

70 schools and 10 colleges visited in the last one year. > 3000 children made aware of the RE technology.

The activities include:

- a brief about RGREP (accompanied by a film)
- awareness on energy efficiency and climate change
- hands on with the models and games
- special workshops science projects (making of a solar cooker, assessing a RE equipment vs a conventional equipment, etc)











...workshops

Almost every weekend hands on workshops are conducted for children and adults – energy efficiency in a holistic approach

The workshops include:

- being energy efficient natural holi colour making
- learn to audit your house and school
- convert your pizza box into a solar cooker
- learn to reuse products and save energy
- importance of organic farming and climate change learn to do your own composting
- carbon offsetting plantation









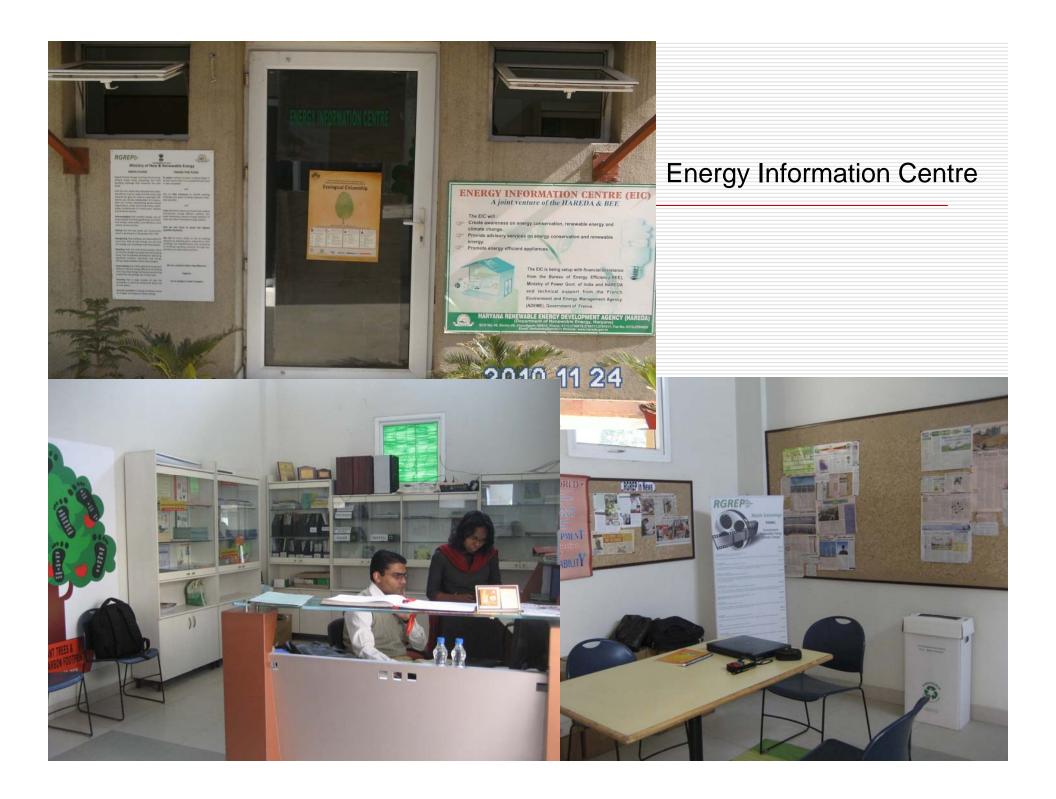


...planned initiatives

- Promotion of waste segregation and recycling to reduce carbon emissions
- Carbon offsetting through plantation tree plantation drive
- Setup of library and information center with magazines, books, CDs on RE, CC
- Competition among children on Green Innovations in the sphere of EE, RE and climate mitigating options
- Energy mela, street play and musical events for promoting RE, EE, green buildings, climate responsibility poster exhibition
- Solar installations













...special visits

Networking and handholding for sustainability -

- French Embassy
- ADEME
- Chief Minister, Haryana
- Minister of Power, Haryana
- Financial Secretary, Dept of Renewable Energy, Haryana
- Deputy Commissioner, Gurgaon
- Swedish Embassy
- CEO, TATA BP Solar
- CEO, SuKam











...self sustainability

Strategic steps:

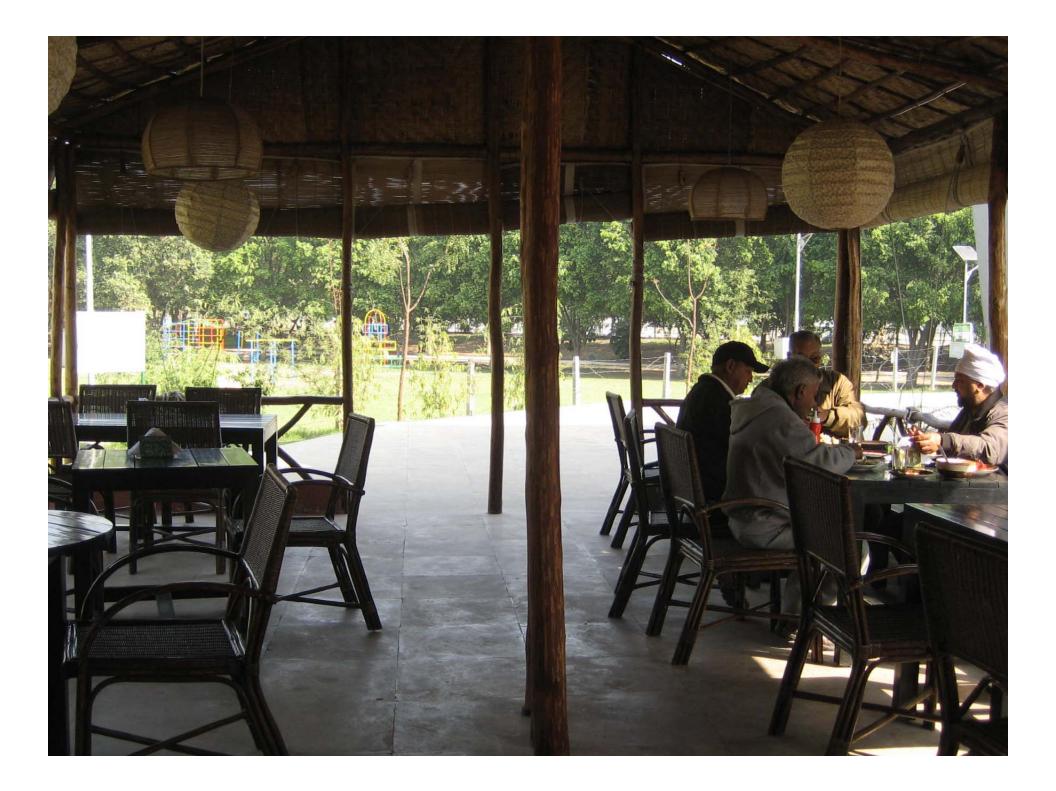
- Getting corporates on board CSR, events
- Independent of government financial support
- Converting shop into CC mitigation and adaptation shop giving more choice to consumer
- Initiating a café to serve as a meeting ground
- Improved infrastructure
- Regular events

.....idea is to get people to revisit; make it an evolving place











CC adaptation and mitigation products

Set of 12 Part Curtaining with

Lage

DON'T AND THE ARE

VERMICOMPOS

Let at 12 Parters



...challenges

- Self sustainable to raise revenues for large projects
- Convert to profit centre to enable long term growth
- Encourage corporates to contribute financially
- Make it a one stop place for information
- Offer handholding between RE companies and students for career options
- Creation of projects on RE and energy efficiency for school children

Think Globally, Act Locally







...learnings

- BEE to create a **brand name** for such centres
- Have an monthly calendar of events now in place
- Creation of RGREP logo
- Creation of handouts/ flyers
- Registration of a website www.energycentre.in





Add Value to Your Event!





RGREP Baily Gandhi Arryy

Energy Centre

It has been set up to disseminate information on renewable energy technologies.

The building is a solar passive building and demonstrates several green architecture features.

The Compus is off-grid generating the required electricity by solar energy.

Facilities:

- 1.6 acres of campus area.
- Well maintained lawn space
- 2 Training rooms, with the capacity of 25 people. Equipped with projector, TV and sound system Roots - A low carbon slow food cafe

Contact Us

advit foundation

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RGREP

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Organize Your Events @ RGREP

RGREP Gandhi www.energycentre.in

Visit the Energy Centre

- Learn about various renewable energy generation methods by operating models - Wind, Solar, **Biomass**

- Attend interactive trainings, workshops on energy efficiency & importance of Renewable Energy

- See musicals & documentary films on environment

- Play the energy quiz

- Ride solar cars

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a advit foundation www.advit.org

Renewable Energy Park



Knowledge Partner



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- An Initiative of State Govt. of Harvana ergvcentre.in Community Government Industry Focus on Climate Change Mitigation & Adaptation through Renewable Energy options
- Awareness Camps & Outreach Programmes on **Renewable Energy**
- Community led Drives on Energy Efficiency
- Bringing Govt. initiatives to Community level
- Implementing CSR initiatives for Corporates
- Platform for Industries to Exhibit Renewable Energy & **Energy Efficiency products**
- Training programmes for Industry





State Govt. of Haryana

Activities

- Solar Car Rides
- Film Screenings
- Energy Festivals
- School Visits
- Theatre/Music/Dance Evenings



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- Workshops

- * Solar Cooking
- * Waste Utilisation
- * Kabaad Se Jugaad
- * Candle Making
- * Solar Baking
- * Painting
- * Craft
- * Music/Dance

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birthday

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