

PRAKRITI ECO SCHOOL PROJECT COMPLETION REPORT

AN ENVIRONMENT AWARENESS AND EDUCATION PROGRAMME FOR CHILDREN AT RAJIV GANDHI RENEWABLE ENERGY PARK, GURGAON



February 2011 – August 2012

Implemented By



Supported By



1. BACKGROUND

The Goal of the ECO Programme is to "Initiate Environment Awareness and Action among Children in the Neighborhood of IKEA Gurgaon."

The objectives are to:

- Enhance environmental awareness among children through participatory approaches
- To conduct Environment assessment and action in the neighbourhood

1.1 Projected output

The programme over a span of 18 months was implemented with large number of schools and also the neighbourhood community. The Eco School is be open to all children wanting to participate in the workshops. The focus areas of the programme has been –

- □ Water conservation rain water harvesting
- □ Waste management vermicomposting, plastics
- Energy conservation renewable energy
- Global warming and Climate Change

The output has been -

- Composting plants set up at 4 schools and 1 community
- Environment film screening festivals at the Energy Centre two festivals for 2 full days
- □ Tree plantation at one community site
- 10 Reports on Energy Consumption in the 4 schools and list of suggested action to reduce energy consumption
- □ 6 Theatre/ street plays and 2 music sessions at the energy centre

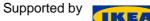
2. ACHIEVEMENTS

A large number of children have been benefitted through the Eco School programme. Total number of children who visited the EcoSchool and were part of the workshops and interactive sessions were 28,393 (Direct beneficiaries). Considering that each child that visited the eco school also influenced 4 more children (2 siblings and 2 friends) the Eco school indirectly influenced more than 1,13,572 children.

A few interesting initiatives have emerged from the Eco School activities -

- 1. A library has been set up at the eco school as an outcome of one of the events organised at the Centre.
- 2. Young Energy Savers YES programme is the energy efficiency analysis workshop. While preparing the questionnaire to teach children how to do energy audit and be energy sensitive this name was coined by the Advit team. This





programme is being considered by UNDP Small Grants programme to be taken forward to 60 schools across Delhi and NCR.

2.0 SCHOOL VISITS

Children from various schools visit the eco school. The age groups varied from pre primary to senior. The children visiting from the school were engaged in the following activities.

- 1. A walk of the energy centre showcasing the solar module and the buildings green features
- 2. Screening of films (depending on age) on environment conservation
- 3. Hands on understanding of the various RE sources through the models housed at the Energy Centre.
- 4. Hands on workshops (any one) water harvesting, solar cooker making, bird house making, plantation,
- 5. Interactive sessions energy audits, resource conservation

The footfall at the energy Centre is more than a 1,000 per week.

| Date | School Name | No. of students | Class |
|------------|--|-----------------|------------------|
| 13/7/2011 | Shiv Vani Models sr. sec. school Mahavir Enclave,Dwarka | 45 | 10th |
| 15/7/2011 | Shiv Vani Models sr. sec. school Mahavir Enclave,Dwarka | 47 | 10th |
| 20/7/2011 | Shiv Vani Models sr. sec. school Palam | 44 | 10th |
| 4/8/2011 | Shri Ram School Aravali, Gurgaon | 45 | 7th |
| 6/8/2011 | Shiv Vani Models sr. sec. school Mahavir Enclave,Dwarka | 54 | 9th |
| 9/8/2011 | Shiv Vani Models sr. sec. school Mahavir Enclave,Dwarka | 55 | 9th |
| 10/8/2011 | Chiranjiv Bharti School Palam Vihar | 31 | 6th, 7th, 8th |
| 11/8/2011 | Shiv Vani Models sr. sec. school Mahavir Enclave,Dwarka | 56 | 9th |
| 18/8/2011. | Shri Ram School Aravali,Gurgaon | 56 | 7th |

433 children from schools visited the centre during **June to August. 2011**

592 children from schools visited the centre during **Sept to November 2011**. It has been ensured that children from the government, private and also underprivileged children of a trust are invited to visit the centre



| Date | School name | class | No of students |
|------------|---|----------|----------------|
| 27/10/2011 | DPS Sushant lok-1 | 9th&10th | 26 |
| 3/11/2011 | Springdales Dhaulakuan | 9th&10th | 20 |
| 8/11/2011 | Pathways World School Aravali | 5th | 57 |
| 22/11/2011 | Pallvanjali Shona road | 6th | 8 |
| 25/11/2011 | Pallvanjali Shona road, Blue bells school | 5th | 30 |
| 27/11/2011 | Suncity World School | 5th | 26 |

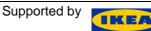
There were a number of visits by Informal schools/ NGOs as well.

- 1. Palna 160 children visited the Centre. They were shown a short film on importance of managing our own waste
- 2. Genesis foundation On Nov 13, 175 children were taken around the Centre and explained briefly the importance of renewable forms of energy.
- 3. Pallavanjali 90 children with special needs visited the centre. A hands on workshop on solar cooking was conducted for them.

416 children from 13 schools visited the centre during **Dec 2011 to Feb 2012**.

| S no | Date | School name | Class | No of Students | Contact person | Mobile no |
|------|------------|----------------------|---------------------|-------------------|---------------------|------------|
| 1 | 12/12/2011 | G.S.S.S Kherki daula | 8 & 10 | 24 | Mukesh kumar | 9818290040 |
| 2 | 14/12/2011 | G.S.S.S Badshahpur | 8,9&10 | 24 | Neetu Rani Seema | 9811150781 |
| 3 | 14/12/2011 | Shikshantar | 4th | 75 | Upadhyay | 9350865152 |
| 4 | 16/12/2011 | G.S.S.S Farrukhpur | 8&9 6,7,8& | 15 | Satyaprakash | 9416905147 |
| 5 | 16/12/2011 | G.S.S.S Kadirpur | 9 | 23 | | 9711713705 |
| 6 | 21/12/2011 | G.S.S.S Sector4 | 8 &9 | 20 | V.K sharma | 9999019892 |
| 7 | 21/12/2011 | CCA School sec.4 | 7&8 | 24 | Monika Chopra | 9350006421 |
| 8 | 22/12/2011 | G.S.S.S Chakarpur | 8, & 9 7, 8, 9 & | 35 | leela Yadav | 4104358 |
| 9 | 24/12/2011 | G.S.S.S Dhankot | 10 | 22 | Veenu | 9899275322 |
| 10 | 31/01/2012 | G.S.S.S Chakarpur | 8&9 | 50 | leela Yadav | 4104358 |
| 11 | 02/01/2012 | Vidya School | 7, 8, & 9 | 40 | Meenakshi Roy | 9810675305 |
| 12 | 02/02/2012 | G.S.S.S Sector9 | 10th | 40 | Vandana | 9811650499 |
| 13 | 15/2/2012 | G.S.S.S Bhimnagar | 6th | 24 | Rekha yadav | 9811821717 |





1530 children from 28 schools visited the centre during **March to May 2012**. Making of Water harvesting model, bird house making were some of them. The names of the schools that visited are as follows along with pictures.

| | | - | · | No of Student | | |
|----------|------------------------|---------------------------------------|----------------------------|------------------|---------------------------------------|-------------------------------|
| SN | Date | School name | Class 9 th / | s | Contact person | Mobile no 946772302 |
| 1 | 3-10-2012 | G.H.S Sikanderpur | 10th | 44 | Jagram | 2 |
| 2 | 3-10-2012 | Govt.Sr secondary school | 8th | 50 | Suresh Kumar | 981358964 5 |
| Z | 5-10-2012 | Gove.Si secondary school | otti | 50 | Sulesii kulliai | 941613378 |
| 3 | 3-10-2012 | G.S.S.S rambas | 8th | 20 | Fakir Chand | 0 |
| 4 | 3-10-2012 | G.H.S. Buchawas | 7th | 42 | Suresh Kumar Sharma | 941613378 0 |
| 4 | 5-10-2012 | G.H.S. DUCIIdWdS | 7111 | 42 | Slidillid | 972873679 |
| 5 | 3-10-2012 | G.M.S Naurangabad | 8th | 50 | | 4 |
| C | 2 10 2012 | C U C Channe | 7+6 | 10 | | 989682645 |
| 6 | 3-10-2012 | G.H.S Chappra | 7th | 10 | | 4 935544930 |
| 7 | 3-10-2012 | GMS Kahlpa | 8th | 11 | | 0 |
| | | | | | | 941663805 |
| 8 | 3-10-2012 | G.S.S.S Kathura | 7th | 10 | | 4 941627424 |
| 9 | 3-10-2012 | G.S.S.S Jamalpur | 10th | 50 | Bijender Singh | 1 |
| | | | | | Santosh Kumar | 941647816 |
| 10 | 3-10-2012 | G.G.H.S Kheri | 8th | 50 | Chahuan | 5 981306593 |
| 11 | 3-10-2012 | G.M.S Gudha | 8th | 10 | | 381300393 |
| | | | | | | 946771614 |
| 12 | 3-11-2012 | BEO-CUM BRC | 7th | 120 | Jagvir Singh | 1 |
| 13 | 3-11-2012 | Modern child puplic school Nangloi | 8th | 47 | Tulsi Raj pandey | 888202503 6 |
| - | | | | | , , , , , , , , , , , , , , , , , , , | 999909775 |
| 14 | 22-3-2012 | OPG world school, Dwarka | 6th | 45 | Bhagyashri | 3 |
| 15 | 28-3-2012 | Govt High school, Rewari | 8th | 50 | Mahavir Yadav | 946667817 1 |
| 15 | 20 5 2012 | Governigh School, Newan | 011 | 50 | | 941613059 |
| 16 | 4-03-2012 | BEO-CUM BRC | 8th | 120 | Rajesh Kumar | 2 |
| 17 | 20-4-2012 | XSEED Preschool | UKG | 45 | Vineeta Mittal | 981022863 7 |
| 17 | 20-4-2012 | X3LLD FTESCHOOL | UKU | 45 | Vinceta Wittai | , 987314199 |
| 18 | 25-4-2012 | DPS Noida | 9th | 116 | Darshan Sodhi | 6 |
| 10 | 26 4 2012 | DDC Noida | 0+b | 01 | 6 Dowot | 987144185 F |
| 19 | 26-4-2012 | DPS Noida | 9th | 82 | S. Rawat | 5 989985551 |
| 20 | 27-4-2012 | DPS Noida | 9th | 110 | Rashuma Kasal | 8 |
| 21 | 5-01-2012 | DPS Noida | 10th | 71 | Amit Dutta | |
| 22 | E 02 2012 | DBS Noida | 10th | 71 | Alka Saad | 991045821 ° |
| 22 23 | 5-02-2012 5-03-2012 | DPS Noida DPS Noida | 10th | 71 70 | Alka Sood Kamini | 8 0120- |
| 23 | 5 55 2012 | | orted by | | ® | 5 |
| Y | | | , | | | _ |



| | | | | | | 4509100 |
|----|-----------|----------------------------|------|----|---------------|-----------|
| | | | | | | 995309927 |
| 24 | 5-04-2012 | DPS Noida | 10th | 78 | Sunita Pandey | 8 |
| | | | | | | 941613373 |
| 25 | 5-11-2012 | GGHS Basirpur | 10th | 57 | Niranjan | 9 |
| | | Elegant Childrens | | | | 987352157 |
| 26 | 16-5-2012 | Academy,Gurgaon | 1st | 60 | Aarti | 0 |
| | | Shalom Hills international | | | | 971829708 |
| 27 | 23-5-2012 | school | 9th | 13 | Jalpa Shah | 2 |
| | | | | | | 981040869 |
| 28 | 29-5-2012 | Pathways World School | 3rd | 28 | Sharmila | 7 |
| | | | | | | |





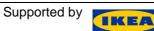












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3.0 WORKSHOPS

Children were engaged in a number of hands on workshops. To name a few -

- CALCULATING TO AUDIT ENERGY CONSUMPTION : A Young Energy Saviours (YES) India Programme was conceptualized and initiated to make the youth more energy conscious and motivate them to conserve energy. Ten home energy assessments were carried out and reported.
 - 2.ECO SWAP AND SAVE





This was a book exchange event organized. At the end of the event a

number of book got gathered which now would be put as a library in the Eco School. These are all fiction books. This library would be open to all and each one can come an exchange a book.

Along with the book exchange a number of workshops were also organized. These were waste to wealth creation, bird house making, health food session.

3. BIRD HOUSE MAKING WORKSHOP

Information on birds and aour surroundings was talked about. Bird houses were using coconut and husk.

- 4. SOLAR FOOD COOKING
- 5. SOLAR WASHING
- 6. NATURAL HOLI COLOUR MAKING













7. CANDLE MAKING



9. WASTE TO WEALTH WORKSHOPS -PUPPET MAKING, PAPER BAG MAKING

8. SESSION ON ENERGY EFFICIENCY AND RENEWABLE ENERGY





