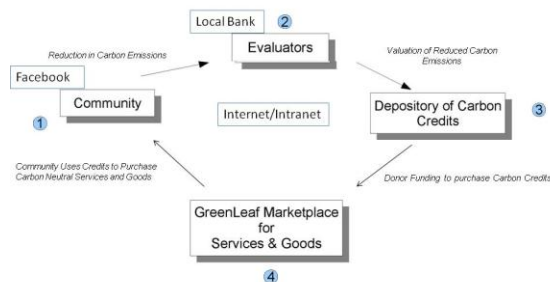


Conservation Project Locations



Will you join us?

Youth Voices in Conservation's Green Leaf Marketplace



Youth Voices in Conservation's GreenLeaf Program may be able to address localized sustainability issues as well as provide a methodology for decreasing carbon footprints and increasing financial sustainabilities within each community and consequent environmental effects from the wide scale adoption of these plans may be expected. It is anticipated that these credit mechanisms may be used with local bank issuance for green purposes with conditional cash transfer as part of the residual credit program.

Project types include:

- Climate Change Adaptation and Mitigation
- Conservation
- Biodiversity
- Protection of International Waters
- Land Degradation
- Persistent Organic Pollutants
- Sustainable Livelihoods and Lifestyles

PROJECT CASE STUDY #1 *

Biogas Generators: The Andhyodaya

M C Road, Angamaly, Kerala, South India, 683572
www.theandhyodaya.org

Over the years, this NGO has been instrumental in constructing more than 50,000 Biogas plants in the state of Kerala. They have a network of coordinators at the Taluk level; in turn have subsidiary links with teams of technicians and local animators. Most of the local animators are from the milk collection societies. Over the years, they have developed an effective monitoring system to ensure that Biogas plants work well. Biogas plants are of two models; one is a fixed dome model and the other is a floating drum model. Biogas plants have zero maintenance if the plant is constructed perfectly. Only trained technicians construct the Biogas plants and are well versed with all equipment rectification measures. Also supported through the GEF-SGP, UNDP/CEE network.



Benefits of the Project

- Annual Carbon Emission reduced – 2.5 Million Metric Tones
- Employment generation (1 lakh = 100,000): Skilled= 2.5 lakh man days Unskilled= 7 lakh man days
- Clean cooking gas for the rural families @ 1 lakh cubic meter/annum
- The Project Replaces (1 crore = 10,000,000):
 - 1.46 crores kgs of LPG/annum (1m3 = 0.40 Kg Liquefied Petroleum Gas) **OR**
 - 1.28 lakh tones of firewood/annum (1m3 = 3.5 Kg fire wood) **OR**
 - 2.19 crores litres of kerosene/annum(1m3 = 0.6 ltrs kerosene)
- Creates 7.3 lakhs tones/annum of nitrogen-enriched organic manure fertilizer
- Clean and Hygienic Kitchens in 50,000 families
- Health improvement of women in Kitchen 50,000 families.

PROJECT CASE STUDY #2 *

Cookstoves: Vivekananda Trust

771/B, 5th Cross Roopa Nagar, Mysore 570 026 India
http://www.vivekanandatrust.webs.com

For the village ladies of Yelandur Taluka, the mornings begin in front of the ovens! For them, the oven smoke from the dimly lit kitchens and tears from eyes are the ingredients that go into making of energy giving food. It has been an endless chorus for them. But these days Vivekananda Trust has been trying to address these problems. For the whole taluka, the traditional mud oven where forest firewood or sticks as fuel has been used for preparing food, Vivekananda Trust has set an objective of constructing 1,000 smokeless ovens that improve health and hygiene and are environmentally friendly by way of reduced carbon dioxide emissions. The trust is working in the five villages with a programme on Climate Change Mitigation and improvement of livelihood with alternative cooking gadgets like Smokeless oven that cost around Rs.1200/- . Seventy percent of the cost is borne by GEF-SGP, UNDP/CEE, Delhi as subsidy for the project. The low cost three vessel smokeless oven, around three feet in length, one foot in height and width is constructed mostly by making use of locally available materials. A ten feet length cement pipe, cast iron grate, MS rods, cement and a specially designed semi-conical aluminium vessel only are brought from outside by the organization. The beneficiary saves over 55 to 60% of fire-wood because of this oven. In some of the ovens, broken wall- tiles are experimentally used to improve the efficiency of the ovens, which brings down the fire-wood consumption by another 15%.

How the Project Creates Self-Sustainability

- The new smokeless ovens ensure a better working atmosphere in the kitchen and reduce most of the lung infected diseases caused by soot and smoke like cough lung infections, eye related problems etc.
- The new ovens take less time for cooking. This saved time can be constructively employed by the ladies by engaging themselves in to vocational skills.
- Having a smokeless oven in the house will be on the children who will not have problem of underdevelopment of their brain due to a certain chemicals being inhaled on a regular basis because of the smoke from the kitchen.



* In general, projects are funded by a cooperative match from the participating partner, local bank support and GEF Small Grants Program executed through UNDP and Centre for Environment Education-India as the responsible party.

For more information, contact our India project partner:

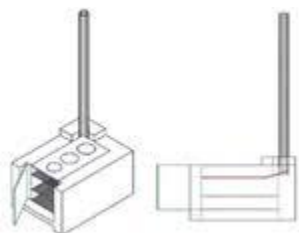
Prabhjot Sodhi, C-40, South Extension II, New Delhi 110049. Ph 00 91 11 26262878, prabhjot.sodhi@ceeindia.org

“You need to try to test it on the ground and then we will see how it can be applied across our global programs and projects.”

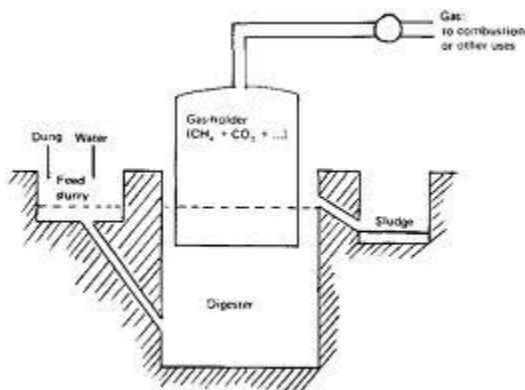
Danielius Pivoriusas, PhD

Sr. Operations Officer, Capacity Development, SGP and relations with Civil Society Organizations Global Environment Facility (GEF)

“SMOKELESS” COOKSTOVE DIAGRAM



BIOGAS GENERATOR DIAGRAM



“The need for this innovative, comprehensive program is dire worldwide.”

Prabhjot Sodhi, MBE

National Coordinator, GEF Small Grants Program (SGP), United Nations Development Program (UNDP), Centre for Environment Education (CEE)

Next Steps

International Conclave on Climate Change

To be held in Hyderabad, India on 12-14 October 2011, the conclave will highlight prime project examples through Youth Voices in Conservation's GreenLeaf Program in partnership with GEF Small Grants Program India, implemented by CEE.

Centre for Environment Education - Paryavaran Mitra: 4th Q 2011

With the many schools participating in Delhi, India's capitol, there is enough basis for some type of partnership that can maximize the measurable benefits and this could lead the way for country-wide, CEE project formulation for the GreenLeaf residual carbon credit program. Various types of school projects such as rainwater harvesting, graywater gardens, etc. may be converted into carbon offset credits using the Low Carbon Lifestyles Toolkit of the MoEF GOI, UNDP. (The toolkit can be downloaded at <http://moef.nic.in/downloads/public-information/toolkit-sgp.pdf>).

GEF Small Grants Program, India Adoptions 2012

With the expected success of funding for the conditional cash transfer program, additional regional GEF Small Grants Programme (SGP) India have been agreed to provide demonstration projects in their areas through the national coordinator SGP India.

Rio+20: Creating Value through Localized Actions - Side Event

On June 20, 2012, presenters from engaged projects will share:
-importance of communication for successful project development
-methods to develop residual funding from actions framework
-engaging youth, e.g. CEE, GEF SGP partners, others
-We expect to share a draft publication entitled, Building Successful Field Projects: Ensuring conservation and fiscal sustainability.

Convention on Biological Diversity - COP 11 in Hyderabad, India

Creating Value Side Event –

Release of Building Successful Field Projects book in October 2012

CONTACT INFO:

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314-647-6011 Office / 314-609-2798 Cell
314-647-7874 Fax / E-mail: info@worldaquarium.org



Saving the Earth Through Low Carbon Lifestyles -



YOUTH VOICES IN CONSERVATION

In cooperation with the following organizations:



The Intent of Youth Voices

- To compel youths to get involved in local and global ecological and conservation initiatives for the purpose of protecting the environment and learning about those environments.
- To establish a marketplace to create, measure, and store carbon credits generated by localized community actions and then convert them into services and goods for use by the communities that created the savings in the first place.

Mission

The World Aquarium's mission is to present, promote and protect the world of water and demonstrate sustainable living solutions. Our mission is fulfilled through education, exhibits, conservation programming and research projects.

The mission of the Conservation for the Oceans Foundation is to support grassroots-level conservation, education and research projects that bring about positive changes to ecosystems worldwide through local, multi-stakeholder, actions. The partnership with the GEF Small Grants Program, UNDP, CEE is complementary in realizing the mission.

History

St. Louis Aquacenter, Inc., a Missouri not-for-profit organization formed in November 1971 which has operated the St. Louis Children's Aquarium and the World Aquarium since 1993. World Aquarium conducts and supports conservation and research projects studying sustainable agriculture and aquaculture, coral ecology, and issues associated with climate change.