

# SGP The GEF Small Grants Programme



## GREEN PROJECT

A Hand Print Action  
to Recycling Waste Paper



संनमेन जन्ते  
Ministry of Environment &  
Forests (MoEF), India



जहाँ है हरियाली।  
वहाँ है खुशहाली ॥



GLOBAL ENVIRONMENT FACILITY  
INVESTING IN OUR PLANET



UNOPS

CEE  
Centre for Environment Education

## Project Introduction

Paper is such a commodity with which we are very closely related in our daily life. Its use in communication and information, storage and transfer, science and technology, industry and education is very well established. Per capita consumption of any country speaks by itself, its standard of living, literacy, and advancement in science and technology etc. with increase in industrialization, growth at literacy etc the per capita consumption of paper is growing up day- to- day. Thus the need is now felt in this growing pattern of high consumption and less recycling, more so in the urbane environments that we can recycle our own paper in our homes, schools and other related places of consumption.



## Project Description

**Goal of the project:** To provide opportunities to organizations to move from waste paper disposal to recycling them in house, thereby reducing the organizations dependence on new paper and generating better ecological foot print.

**Purpose/Objectives of the project:** Promote the habit of recycling in corporate/institutions/offices/schools etc and using resources more sustainably. Providing opportunities to the under privileged communities for enhancing incomes. Reviving a cultural shift in terms of resource consumption and creating the sensitivity of reuse, reduce and recycle.

## Project Outputs

Waste Paper recycled at the office premises for reuse and recycle etc. Stationery made from the paper like files, file holders, and scribble pads etc used in house.

## Project Background

Institutions and Communities of practices are places which are the hub of a range of positive and constructive actions. All activities in these offices, starting from planning, scheduling, inter and intra office communications, postage, photocopies, letters, scribbling ideas all consume the one quintessential thing- which is paper. Even after the advent of computers we haven't been able to create a paper free office environment. Offices have been set up with mundane systems in using and discarding the used paper. Unfortunately in most of the places it finds it to be mercilessly torn and into the waste bins, ready to be disposed as a waste along with other wastes. We believe our contribution to recycling, reuse and refuse clean; responsible world is done away with. Institutions can be more proactive to take the initiative of moving from outsourcing recycling, or discarding waste in to more pro active approach of recycling it in house within institutions!! This proposal is to create a system which would facilitate this into a happening. The idea is for each office to have its own paper recycling area. The investment would be just a little more than a small space in their offices. We propose to train concerned persons to turn the office paper waste to fresh useable paper.

## Project Budget

The total costs of the project are as detailed in the proposal is approx. Rs. 10,000.

## Project Location

Respective offices, universities, schools, colleges and institutions etc

## Region/State

Countrywide INDIA

## Duration

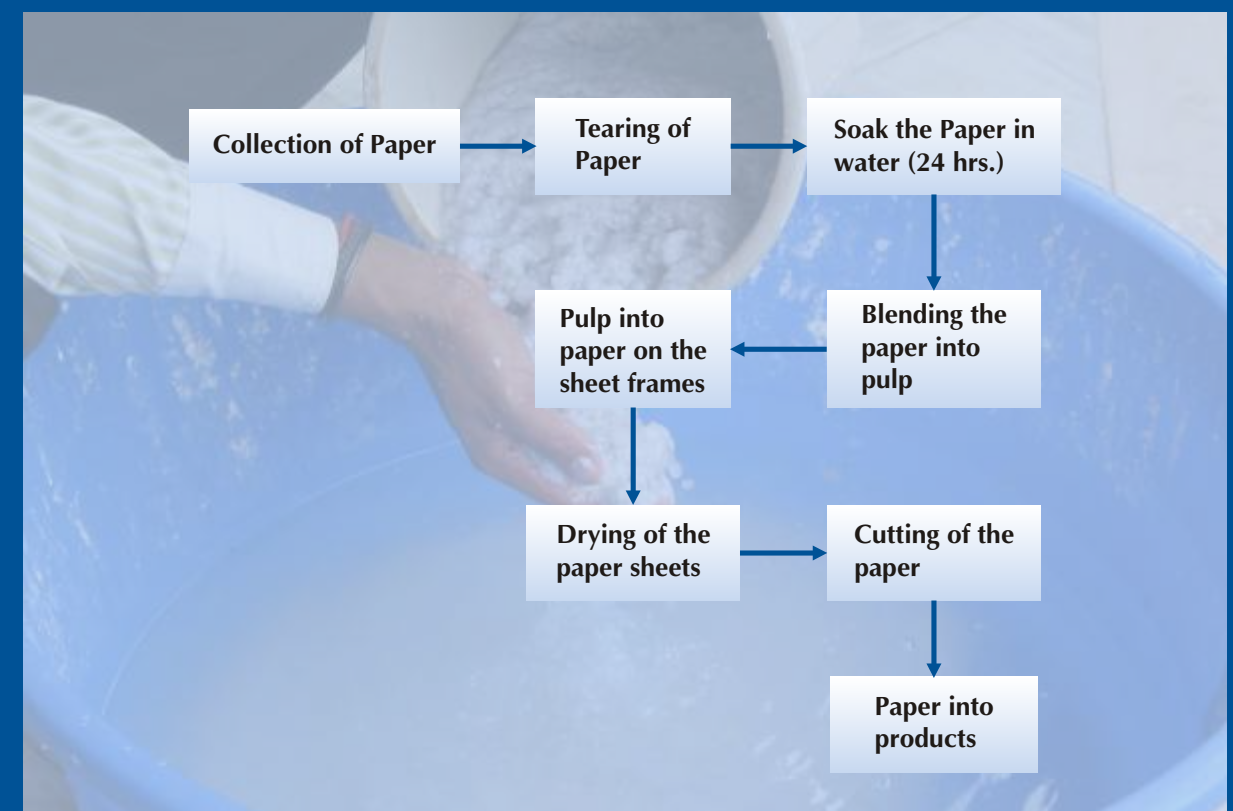
03 months hand holding and can be extended as required.

## Person Responsible for the Project

Mr. Prabhjot Sodhi

## Time Schedule of activities to be clearly explained through Activity Charts

The project proposal has the detailed activity chart attached.



## Justifications for the project

This project would bring in the habit of recycling, reuse and reduce principles of waste reduction and optimal resource use in institutions. Organizations that don't have the technical knowhow therefore, CEE would provide them the same and thus create yet another step to reducing the footprint and a better standard of living for the marginalized. Save trees, lessen the amount of waste generated, livelihood opportunities to rag pickers by equipping them with the knowhow and turning them to sustainable entrepreneurs. Ingrain the habit of recycling in corporate..



## Project Strategy

CEE proposes to start with training the concerned person managing the unit. Hands on capacity building demonstration would be done for the concerned person(s). Exposure visits would be made to the ongoing programs run by CEE. The training would also be providing the entrepreneurial model which will be simple user friendly model. Small unit will then be replaced into bigger paper units as per the need and desire of the institution. Trainings would separately be given for the bigger unit. The trained persons would then work with organizations and collect their waste paper, convert it to usable form again. They would work in the organization's premises in an area/ space of around 12 ft x 12 ft

It is suggested that the organizations would then purchase the paper produced and paper products at nominal prices agreed between the entrepreneur ('Paryavaran Mitra') and the institution. This will set up a business model approach and also ensuring that the minimum wages are met. This money would be the earnings of the 'Paryavaran Mitra'.

Replicability of the project: The strength of the project is its replicability and scaling up capacity. There is large number of offices in Delhi region which would opt for such an arrangement. This idea can be replicated with ease in other cities too. Having the international 'recycle' logo with the message that it has been recycled by the organization them would make a huge business statement. It would go a long way to boost the CSR activities of the organization.

## Sustainability of the project

The sustainability of the project comes from the arrangement by which the 'Prayavaran Mitra (PM)' would work in offices of and the organization would purchase the items produced. These items would be sold at a premium price as the benefits that the organization would draw from this initiative are immense. The purchase of the stationery by the organization would be the source of income of the 'Paryavaran Mitr'. This would buttress the project and provide sustainability to it.

## Scientific and Technical Content

None. All materials required are simple and the entire process is done manually in a more degradable manner without the use of chemicals. How does the project demonstrate Innovation, Participation and Gender Sensitivity and Equity in the proposed project? Sheer simplicity is the innovation that backs this project. The process is manual and does not need a huge investment. The participation aspect of the project is guided by the belief that the poor/rag pickers of the region can do more towards saving the environment and have a right for a life that can be led with dignity. The project would be unbiased on gender issues. Both men and women would be provided with equal opportunity to partner with the project.

Monitoring & Evaluation: Proper monitoring formats and systems for the production unit will be established and guided by CEE.

### National Co-ordinator

GEF UNDP Small Grants Programme

CEE Delhi, C-40 South Extension-II, New Delhi-110049

Ph.: 011-26262878-80

e-mail : sgpdelhi@ceeindia.org

[www.ceeindia.org](http://www.ceeindia.org)

## Steps for Waste Paper Production

- Collection of Paper
- Tearing up of used paper (in sizes of 1-2 cm)
- Soaking paper in water for 24 hrs in atub
- Mashing the paper in the tub
- Putting it in dustbin and grinding it
- Obtain creamy paste (pulp)
- Dissolve pulp in tub containing water
- Put frame with sieves covered with muslin in tub (another sieve less frame on top of muslin)
- Take out frame from tub, let water run out
- Remove upper frame and place in sunlight to dry
- Flatten with roller( belan)
- Cut into paper with cutter.

