

PROJECT: SOCIO-ECONOMIC EMPOWERMENT OF WOMEN THROUGH RECOVERY OF NATURAL RESOURCES FROM WASTE

ACTIVITIES FROM: 15-3-2018 TO 14-03-2019

Benefit & impact of the project:

A. Individual benefit

1. 15 unemployed women (from weaker section) got secure employment directly in the recycling unit.
2. 25 unemployed youth (women& Men) (from weaker section) got secure employment indirectly in collection & transportation of waste paper.

B. Community benefit:

The Five Benefit of waste paper Recycling-

1. Recycling of Paper helped the environment.
2. Recycling of paper is economically viable activities.
3. Recycling has used waste thus improved the environment.
4. Recycling promotes a clean, green image.
5. The recycling of paper created jobs opportunity for unemployed women.

C. Government benefit:

1. Saved the 50 to 55 tons of waste paper per year.
2. They got back 12500 file cover from waste or Rs.1, 85, 500/- in one year.
3. Enhancement of environment & ecology of the area.
4. People get relief in smoke diseases.
5. Saved 850 trees, 3,50,000 gallons of water, 165 cubic yards of landfill space and 2,00,000/- kilowatts of energy greenhouse gas emissions by 50 metric ton of carbon equivalent(MTCE).

Installation & Erection of Plant and Machinery:

On the auspicious occasion of "Environment Day" on 5 June 2018, we laid the foundation stone for plant and machinery.



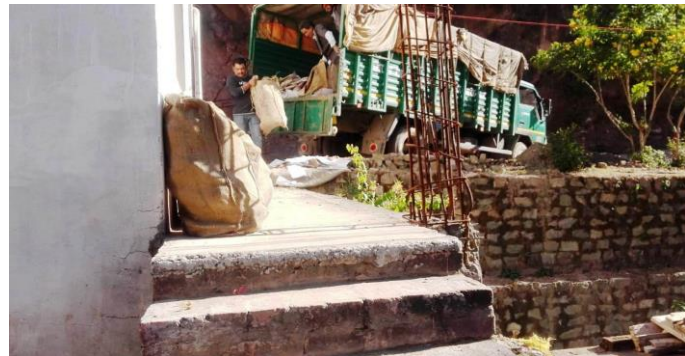
1. Collection / procurement of office waste:

Collection of paper waste from different paper waste generating units:

The 50 tons of office waste paper have been collected during 15-03-2018 to 14-03-2019 from different department of the government of H.P. and The collection of waste paper is continue.

The H.P. government very much appreciated the project and with the effect of the project government of Himachal Pradesh has completely banned the burning of waste paper in the state. This is impact of the project.

S.N.	Departments	Contract Person	Phone no.	PaperWeight in kg.	Product supplied
1	P.F.Office Shimla	MR. Pawan Sharma	9418377761	12840	file cover
2	Animal Husbandry .dept	Dr.Nitin Sahgel	1772830089	500	file cover
3	Industries Depart	Mr. Jagdees Sharma	9418136347	810	file cover
4	H.P. Nature Resource society Solan	Sh.Hari Chand	8219981294	1220	File and folder
5	S.J.V.N	Sh. J.P.Kashyap	9418041310	22870	File, folder, bag,
6	Dir. Elementary Education Dept.	Sh. Rohit Jamval	8629842269	570	file cover
7	Excise and Tax Dept. Parwanoo	Sh.Ham Dutt Sharma	9459255791	770	file cover
8	Ambuja Cement Dardia Ghat	Mr. Sandeep Bhirenta	9816023029	500	File Cover
9	S.P.OFFICE Solan	Sulran Lal	9418419022	2200	file Cover
10	Animal Husbandry .dept	Dr.Nitin Sahgel	1772830089	700	File Cover
11	Satluj hydro power LTD	Sh. J.P.Kashyap	9418041310	1640	
12	Department of Electricity Solan	Sh.Rati ram	9459021890	3380	
13	Satluj hydro power LTD	Sh. J.P.Kashyap	9418041310	7100	
Total Waste collected = 50.1 tons				50,100	



2. Trainings to the vulnerable women:

Imparted training for the making of Apple / Egg trays. The 15 vulnerable women have been trained. They are successfully operating the plant and machinery and making egg tray.

As per their ability and capability, two types of training have been provided

1. Managerial training.

- i. Training on Managerial skill development for plant operations.
- ii. Training on liaison / communication skills with paper waste generating unit and Government department (how to conduct waste survey and collection of waste paper and maintaining its schedule etc.).
- iii. Marketing of products (sale of product & supply of product).
- iv. About Rule & regulations (Government licenses etc.)

2. Production & safety related training.

- a)
 - i. Sorting of unwanted material from waste paper.
 - ii. Pulping of waste paper.
 - iii. Molding of Apple trays.
 - iv. Drying of trays.
 - v. Quality control of trays.
 - vi. Packing of Trays
- b) Maintenance of machineries (oiling & greasing etc.).
- c) Safety / Protection from machines.
- d) Accidental treatment etc.



Each & every process of making trays has been taught to the trainees.



3. Storage of procured waste paper-



4. Sorting of waste paper from unwanted material-



5. Weighting the sorted waste paper for pulping-



6. Pulping of waste paper through Hydrapulper Machine

Hydrapulper Machine →



Putting waste paper in the Hydra-pulper machine →



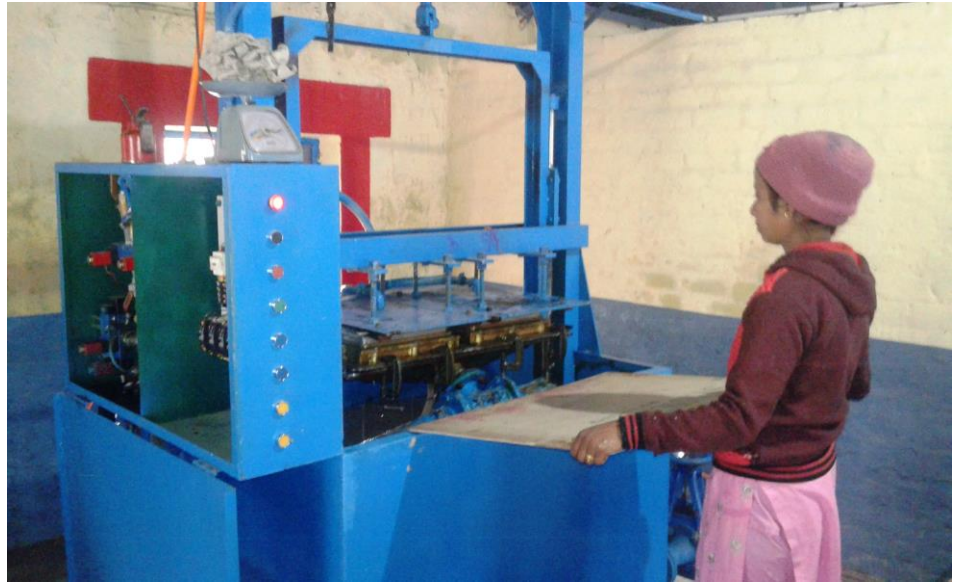
Pouring the pulp into Agitator machine for continuous agitation →



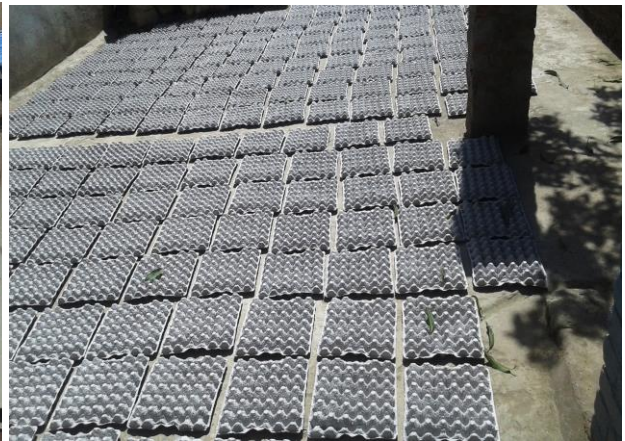
Inner view of agitator machine →



7. Manufacturing of trays on Vat Machine



8 Drying the wet tray in the sun on the terrace



9. Quality control of dried tray



10. Packing of the trays (In one bundle contains 100 trays)



11. Marketing of Trays



Loading of trays on the truck for sale

