

Improved Cooking Stove

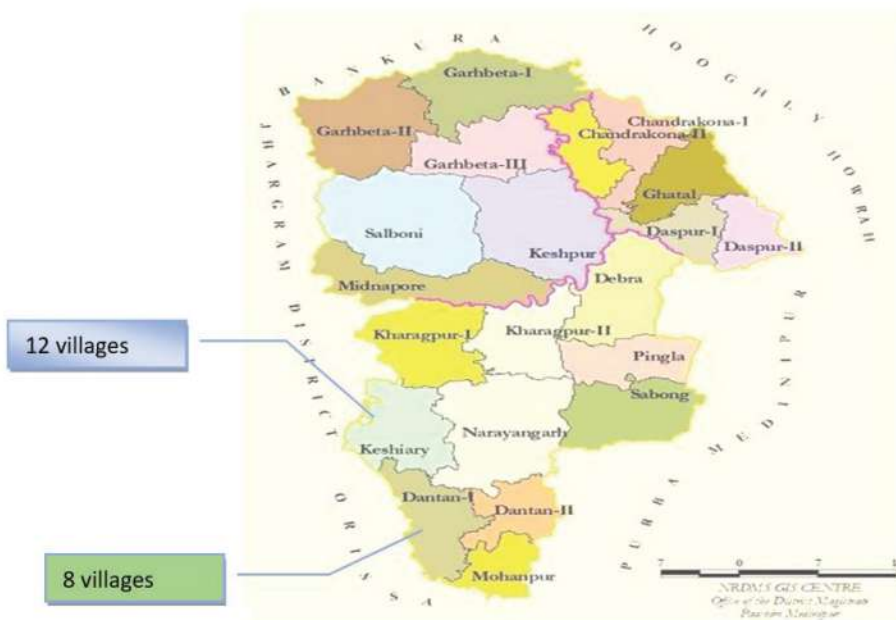
Name of the Project: Improved cooking Stove & follow up trainings

Funded by: Green Energy against Poverty

Project Period: April 2022- September 2022

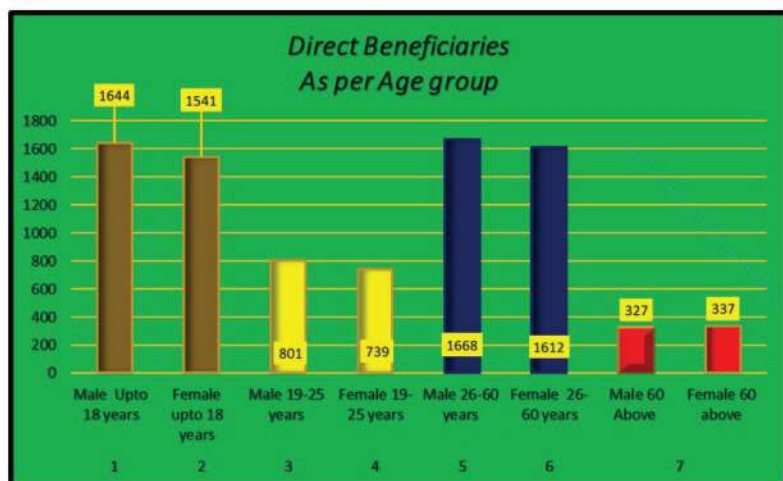
Area of Operation:

Sl No.	No. of Village	No. of .District	No. of GP	Total Household
1	20	1	7 No.	2858
Total	20 villages	1 District	7 Gram Panchayat	2858



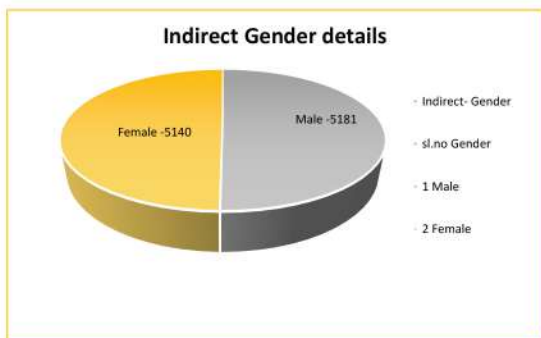
Beneficiaries:

- Number of direct beneficiaries - categorize by age and gender

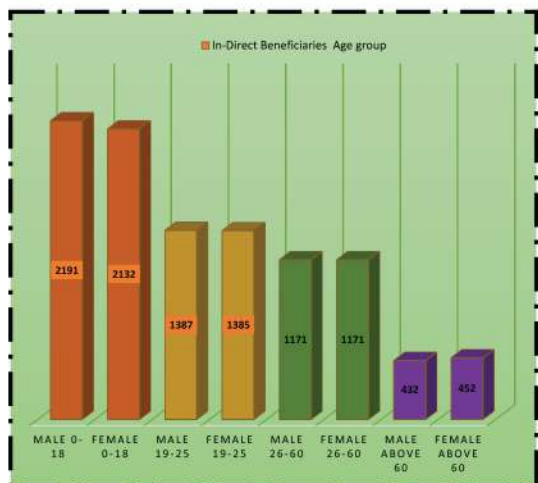


Direct Beneficiaries		
	Age group	
1	Male Upto 18 years	1644
2	Female upto 18 years	1541
3	Male 19-25 years	801
4	Female 19-25 years	739
5	Male 26-60 years	1668
6	Female 26-60 years	1612
7	Male 60 Above	327
	Female 60 above	337
	Total	8669

- Number of indirect beneficiaries– categorize by age and gender



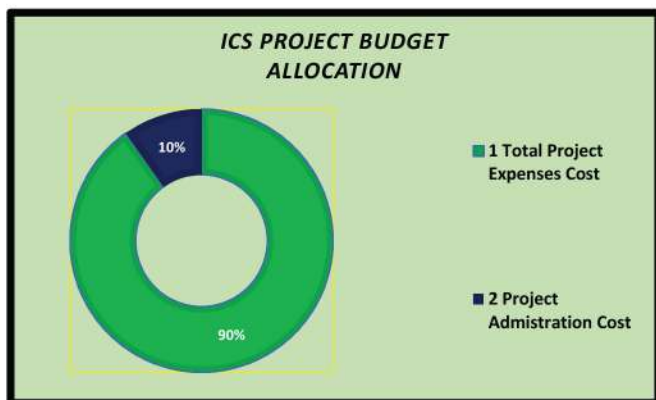
Indirect- Gender		
Sl.No	Gender	
1	Male	5181
2	Female	5140



		In-Direct Beneficiaries	
		<i>Age group</i>	
1	Male 0-18	Male Upto 18 years	2191
2	Female 0-18	Female upto 18 years	2132
3	Male 19-25	Male 19-25 years	1387
4	Female 19-25	Female 19-25 years	1385
5	Male 26-60	Male 26-60 years	1171
6	Female 26-60	Female 26-60 years	1171
7	Male above 60	Male 60 Above	432
8	Female above 60	Female 60 above	452
		Total	10321



Budget Allocation: Project Expenses & Admin Expenses




Budget Allocation		
1	Total Project Expenses Cost	1082500
2	Project Administration Cost	117600
Total Budget		1200100



Project Objectives:

- ✓ To expertise backward tribal men and women on preparation and installation of improved cooking stoves (ICS) in rural kitchen to mitigate health related hazards.
- ✓ To equip rural women on manufacturing and marketing of charcoal products, as a part of alternative livelihood option.
- ✓ To utilize these acquired skills through training as tools to improve the economic, environmental, health and social surroundings of the inhabitants in rural settings.

 **Project Goal:**
Provide knowledge based, hands on- training to tribal men and women on innovative approaches to enhance livelihood security, with a special focus to human health and natural environment.

 **Project Activities:**
✓ 3 Days follow up training on clay preparation & ICS single and double stove making with 37 participants at Dantan Block with the ICS Groups members and new interested participants.



- ✓ We have trained 90 participants from the project location for the installation of ICS and formed 9 ICS Groups who are actively working as kitchen smoke reduce /warrior.
- ✓ Conducted 20 village level introductory meetings with the communities on project objective and activities.
- ✓ Facilitated Participatory Learning and Action (PLA) in 20 villages.



- ✓ Conducted input sessions for the staff on sustainable environment development, and to conserve natural resources and protect global ecosystems.
- ✓ Conducted input session on social welfare schemes for the community.
- ✓ Celebrated World Environment Day celebrated in project villages by the community, awareness building on Ecosystem Restoration and distribution of 2500 saplings to the community were the couple of activities conducted on that day.
- ✓ Conducted village level orientation on integrated natural farming (preparation of nutrition garden, root zone fertigation and pollution free poultry farm) for livelihood and eco-friendly environment.
- ✓ Conducted village level orientation on ecological farming and distributed vegetable seeds to 200 marginal households for food security.
- ✓ Conducted regular monthly review meetings with the team to follow up on the implementation of the activities, achievements, challenges, learning and sharing etc.
- ✓ Conducted 156 village level orientations on environment issue such as ecosystem restoration, air pollution and communities' health hazard on kitchen smoke as well as income generation activities.
- ✓ 2858 home visits to promote improved cooking stove and charcoal produce.





Achievements:

- ✓ 9 Installation groups were formed and trained for installation of ICS and charcoal product and also to appreciate their initiatives by a token of appreciation to 14 members from ICS groups.
- ✓ Mr. Ravindra Deshmukh, a member of SAMUCHIT ENVIROTECH, awarded the top prize to 14 ICS members for installing more than 100 ICS.
- ✓ 256 improved cooked stoves installed in 20 villages (250 single stoves, 6 double stove).



- ✓ 21 marginal households from project village have been linked with SHIRAM CARD for accidental benefit coverage.
- ✓ Data collected from the families those who are using ICS is reduce 3-4 Kg of Bio mass/fire wood per day.
- ✓ Data collected from the 1788 household those who are using ICS has been reduce fire wood/Bio mass 3 kgs per day, monthly 90 kgs which is one of the great achievements for the project and for the Environment.
- ✓ Celebrated World Environment Day on 5th June 2022 by organizing a rally and distributed 500 Akashmoni saplings, 50 mango trees among the students and community which were planted in root zone fertigation in their names in the school premises.
- ✓ Made a linkage between SELF HELP GROUPS and bank through which 8 (SHGs) availed a loan Rs 24 lacs from a bank.
- ✓ 27 elderly people motivated and linked for Booster dose.

Sl. No.	Village Name	No. of Families	LPG Ujjwala Scheme	Traditional Stove	Improved Cooking Stove (ICS)	Total Families
1	Gonpada	222	156	222	186	222
2	Bezda	245	21	245	189	245
3	Kazipara	120	18	120	65	120
4	Kanrajit	288	19	288	208	288
5	Joyrampur	185	25	185	126	185
6	Dalhara	161	33	161	112	161
7	Krishnapur	219	89	219	28	219
8	Mokmolpur	271	12	271	173	271
9	Sindurmuri	115	12	115	87	115
10	Donapur	145	34	145	62	145
11	Amda	50	8	50	24	50
12	Kararole	79	22	79	34	79
13	Serna	190	21	190	136	190
14	Kamarchowki	215	35	215	177	215
15	Naphow	95	3	95	77	95
16	DasiSarisha	46	4	46	20	46
17	Begumpur.	67	16	67	39	67
18	Dudhebudhe	35	3	35	8	35
19	Gurguri	45	2	45	12	45
20	Panchiyar	65	4	65	35	65
Total	20 villages				1788	2858

Impact:

- ✓ The impact of 1788 improved cook stove not only reduced fire wood consumption but also prevented 1788 families from fatal health hazard and saved 30% of Biomass/Fire wood which cost Rs.15/- a day (monthly 15X30=450/-) Rs. 450/- saved by each family per month.
- ✓ Through volunteers 256 households from project villages reduced the burning of agriculture waste in open field and using compost manure driven from decomposed agricultural waste for their agricultural land.



- ✓ 9 groups received Rs.44400/- for installation charges of 222 stoves of Rs.200/- each as additional income and 34 stoves installed in free for the other, they are now using the money for their children's education and well-being.
- ✓ 256 HH Reduced Carbon emission 499kgs per day by using improved cooking stove, as a beneficial contribution towards the environment.



Story of Change:

Maumita Das of Kakrajit village hails from a family of four. The traditional stove has been used to cook meals for the family since time immemorial. The traditional stove offered a plethora of disadvantages. For instance – it would need a lot of wood as fuel – (had to purchase 10 kgs per day), time consuming i.e. it took her 4 hours each day to cook meals for the family, leaving her with not much of time for herself, smoke emitted from the traditional stove was a source of health hazard i.e. it would irritate her throat or airways resulting in incessant coughing whilst cooking. Finally, a time in her life arrived when she was meant to be freed from her daily ordeals with the help received from the ICS groups. She installed the Improved Cooking Stove to relish the benefits it brought with it such as – cooking meals for the family meant not spending more than 2 hours a day, emission of smoke reduced considerably and expenses incurred towards purchase of wood had reduced as well. Furthermore, the use of ICS has offered her to save money and thus, live a comfortable life. She is forever grateful to the ICS groups for having introduced a new dimension of cooking method and thus, enhanced the quality of life.

