

Eco Village Development Plan (EVDP)

**Village – Deothal
Tehsil Shillai, District Sirmaur
Himachal Pradesh**



Developed by:-

**Department of Environment Science and Technology
Government of Himachal Pradesh
Paryavaran Bhawan, Shimla-1**

Model Eco Village Scheme-A brief Note

The Government of Himachal Pradesh has notified a Model Eco-Village Scheme vide notification No. STE-A(3)-4/2016-L dated 26/09/2017. This Scheme is being implemented by the Government of Himachal Pradesh through Department of Environment, Science and Technology and concerned Block Development office and district administration aiming to ensure sustainable development in an organized and integrated manner. The programme endeavours to sustain prosperity in village, that is built around sustainable use of the key natural resources of a village, through the adoption of low-impact practices that result in water security, food security and livelihood security for the village communities.

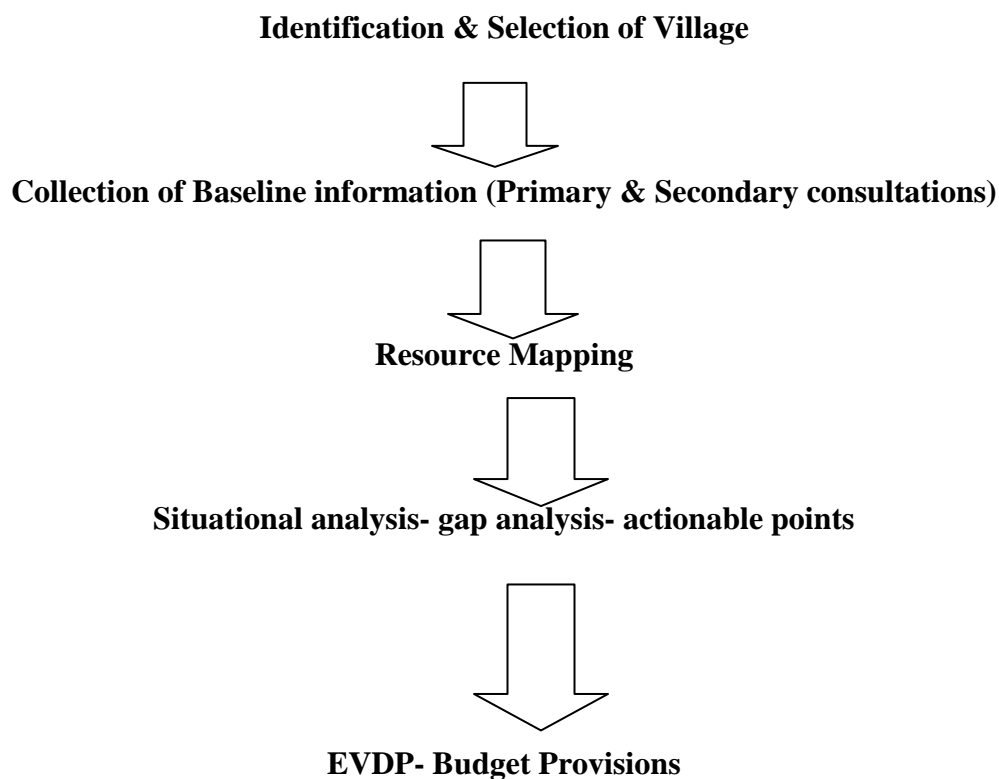
Under this scheme a village will be developed to promote transformative action and achieve sustainable development through environmentally responsible and responsive practice in the area of wafer management, waste management, energy conservation, management of natural resources, climate change action and sustainable livelihoods. This approach will not only help those stakeholders who are working to implement sustainable community development programme but also will set benchmarks for others to adopt and bring a radical change in thinking process of the communities at large in the State, especially in inculcating environmentally responsible behavior.

This scheme is to be implemented in the selected village with the total financial outlay of Rs. 50 lakhs to be utilized over a period of 5 years as per the annual plan of action. Of this outlay DEST shall provide a grant of Rs. 20 lakhs per selected village to meet expenditure on execution of the recommended preparatory actions and funding of critical gaps. The balance funds as may be required over Rs. 20 lakhs for activities shall be garnered through convergence and utilizing budgets from concerned line departments, district administration, etc. under various relevant ongoing Government schemes.

As per the guidelines of the scheme an Eco-Village Development Plan (EVDP) for village Deothal, Block Shillai, District Sirmaur has been prepared by DEST integrating all the components and existing programs/schemes operational in the village. The plan has been initially drawn up for implementation in five years. The village level plan has included a situational analysis, baselines and resource mapping. All prescriptions are based on gap assessments and

analyses taking into account the base line status of various environmental aspects pertaining to the actionable components and an annual component wise break-up of the activities. The EVDP has been developed through consultative and participative process, different from conventional planning.

Process of EVDP



Selection of Model Eco Village - Deonthal

The Deonthal village has been selected by the Government of Himachal Pradesh to be developed as Model Eco Village as Recommended by the Dy. Commissioner Nahan Distt. Sirmaur

In order to coordinate and guide the implementation of model eco-village scheme in identified village Deonthal, Gram Panchyat Loja Manal, Tehsil Shillai, District Sirmaur a village level Management Committee of village Deonthal has been constituted vide No. STE-A(3) by DEST.

The composition of the Committee is as follows:-

s. no.	Name of person	Position	Contact no.
1.	Smt. Rajo Malveeya	Pradhan G P Loja Manal	9816614515, 8278819312
2.	Sh. Jagdish Chand	Panchayat Secretary	8219460533
3.	Sh. Daya Ram	Ward Member Ward No. 5	9805422671
4.	Sh. Atma Ram	Ward Member Ward No. 4	8894294880
5.	Sh. Deep Chand	Forest Guard	8219494225

In order to prepare Eco Village Development Plan (EVDP) a preliminary/consultation meeting has been convened in the month of December, 2018 under the Chairmanship of the Block Development officer, Shillai Distt. Sirmaur, in the meeting elected representative of Deonthal village were present



MODEL ECO VILLAGE –DEOTHAL

Deothal “Land of Gods”

Deothal, as the name suggests, is the Land Of Gods and Goddesses. The Village falls in the Loja Manal Gram Panchayat of Shillai Development Block District Sirmour. The Place has a temperate climate. The Average temperature Ranges Between 5^c to 25^c.The area provides the excellent and unmatched view to the people visiting the place. People from all corners of the districts, as well as state do visit this place, especially in winters. Winters provide the panoramic view to the visitors-snow clad forest and hills. The major attractive feature of the place is dense deodar trees. The tree cedrus deodar is commonly called the deodar. It is considered the most graceful of the cerdus, and its name, deodar, translates from Sanskrit as the ‘timber of gods, one of the great aromatic timber woods of antiquity. This decay resistant offers excellent canopy.The entrance to the village creates a sense of fantasy and inexplicable place.

Major occupation of villagers is agriculture. Farmer grows wheat, maize and pulses as agricultural products and Apples as a horticultural crop. Village has a kachha path and path is moterable while no bus service is available in the Deonthal village. The source of income is only farming. Around 58 families involved in the animal husbandry and around about 220 litre milk production/per day. Farmers are using cow dung as source of fertilizer in their farms. There is no system available for vermin-composting etc.Village receives snowfall during the winters. There is scarcity of water in the village.

Demographic profile of Village

Male	Female	Total population	Total families	Total BPL Families
227	209	436	59	14

Pictures of Deonthal Village



FUNCTIONAL COMPONENTS

1. Natural water sources and the springs :

Scarcity of water has been reported in the hilly village while conducting preliminary survey, there is no irrigation scheme in the village. Farmer are totally dependent on rain water for irrigation. There are 3 Baries present in the village as anatural source of water. Village has a pond i.e Parshuram Pond, scared pond in the village. Villagers said that there is seepage of water and they want maintenanceof ParshuRam Pond. As there is scarcity of water in the village there is need to construct rain water harvesting tanks in the village. 20 roof top rain water harvesting tanks has been proposed for the village Deothal.

2. Adoption of renewable sources of energy :

The village needs to adopt renewable sources of energy and people have shown their great interest for installing solar street and house hold lights. Village is facing problem especially during power cuts in winter. Villager said during the night there is movement of Lepoard and there is no Street light in the village so, they wants Solar Street Light.

Present Status: A survey Summary

s. no.	Particulars	Remarks
1.	Number of existing solar street lights in village	none
2.	Number of households using solar lights	none
3.	Number of houses with roof top solar geysers	none
4.	Number of farms with solar fencing	none

An Analysis:

As the households are keen for installation of renewable sources of energy, this component will be one of the major activities.

3. Solid & liquid waste management & cleanliness

There is no provision to collect and manage waste generated from the household. No soak pit kinds of system are made available in the village. People of deonthal village dumps the waste into their land,there is need to provide dustbin that are made of ecofriendly or cemented.

4. Village Path

Most of the village path is Kachha. Villager said that ecofriendly gullies should be constructed.

5. Forest Management and Assured Eco Services:

Mother nature has endowed the village with the adjacent thick deodar forest having other species like Ban oak. Since ages these forest covers had been the dwelling place of the inhabitants of this village. The community knows the value of forest, its management, afforestation. There is scared land of devta that is devoid of forest cover. The plantation of native forest trees in this scared land near to Parshuram pond will beautify the area and prevent soil erosion and it will increase scenic beauty of area near to the pond which can attract the tourist. Area shown in the picture is devoid of vegetation and requires Plantation of forest trees.



6. Eco – Tourism and its scope :

The village itself offers various eco-tourism activities. Picturesque view, sloppy fields and deodar forest and snow hills are the inviting and enthralling features, which couldn't be escaped from the eyes of any viewer. Trekking in nearby woods makes it a trekker's paradise. Place. On survey, the people are found interested to take up Tourism activity on individual basis along with their prevailing livelihood activities. There is a need to conduct workshops to train people to switch over to take up tourism activities to enhance tourist inflow in this particular village. People said that if the area near to Parshuram pond beautify than it will attract more tourist. They also said to construct ecofriendly path from Deothal to Chandpur Dhar. If path constructed than definitely more tourist will visit the village.

7. Adaptation of sustainable agriculture & Horticulture practices :

Koda and Chaulii are the traditional crop, are still grown in the village, just to fulfill the household needs. Presently, the farmers are growing garlic, potatoes and peas as commercial crop. They are using fertilizer and cow dung directly. There is need to construct vermin-compost pits in the village to promote organic sustainable agriculture.

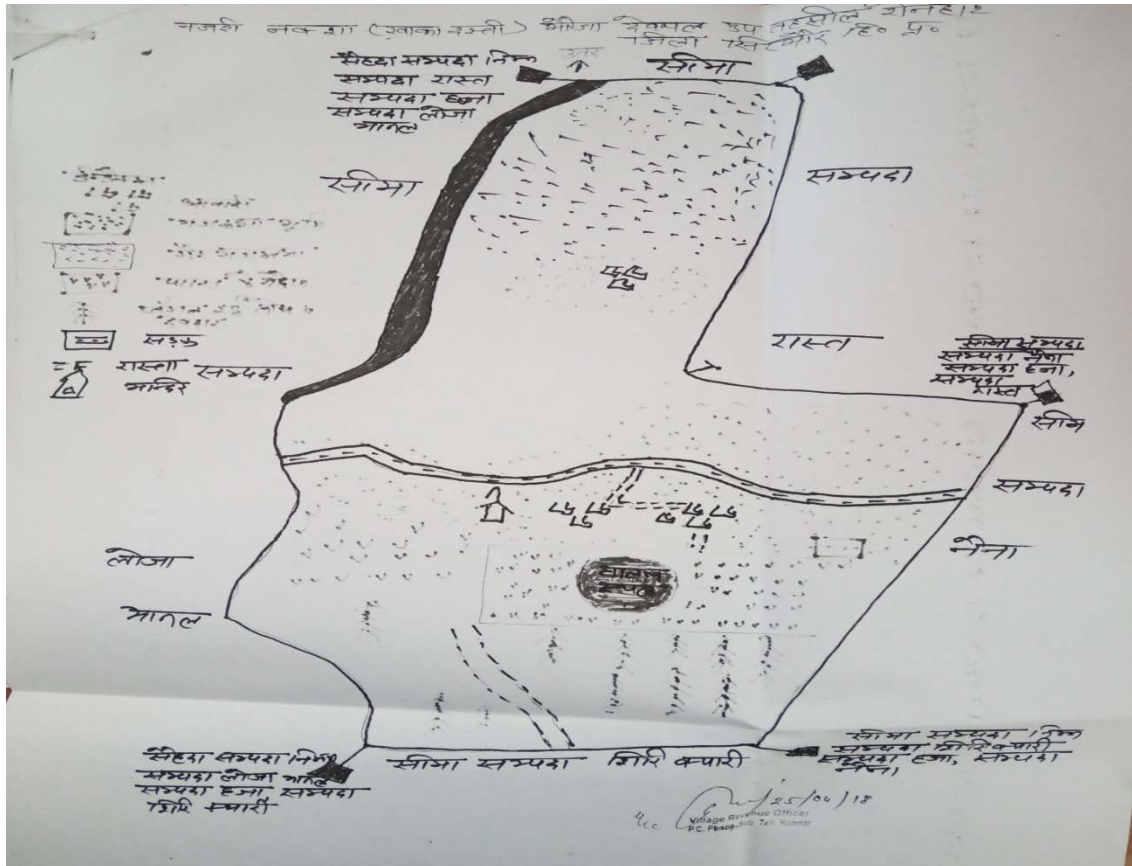
8. Mamta Self Help Group

sr. no.	Name of person	Position
1.	Smt. Mathi Devi w/o Late Sh. Salig Ram	President
2.	Smt. Gumani Devi w/o Pratap Singh	Secretary
3.	Smt. Kanta Devi w/o Deepa Ram	Member
4.	Smt. Murto Devi w/o Ramanand	Member

9. Pragati Nav Yuvak Mandal

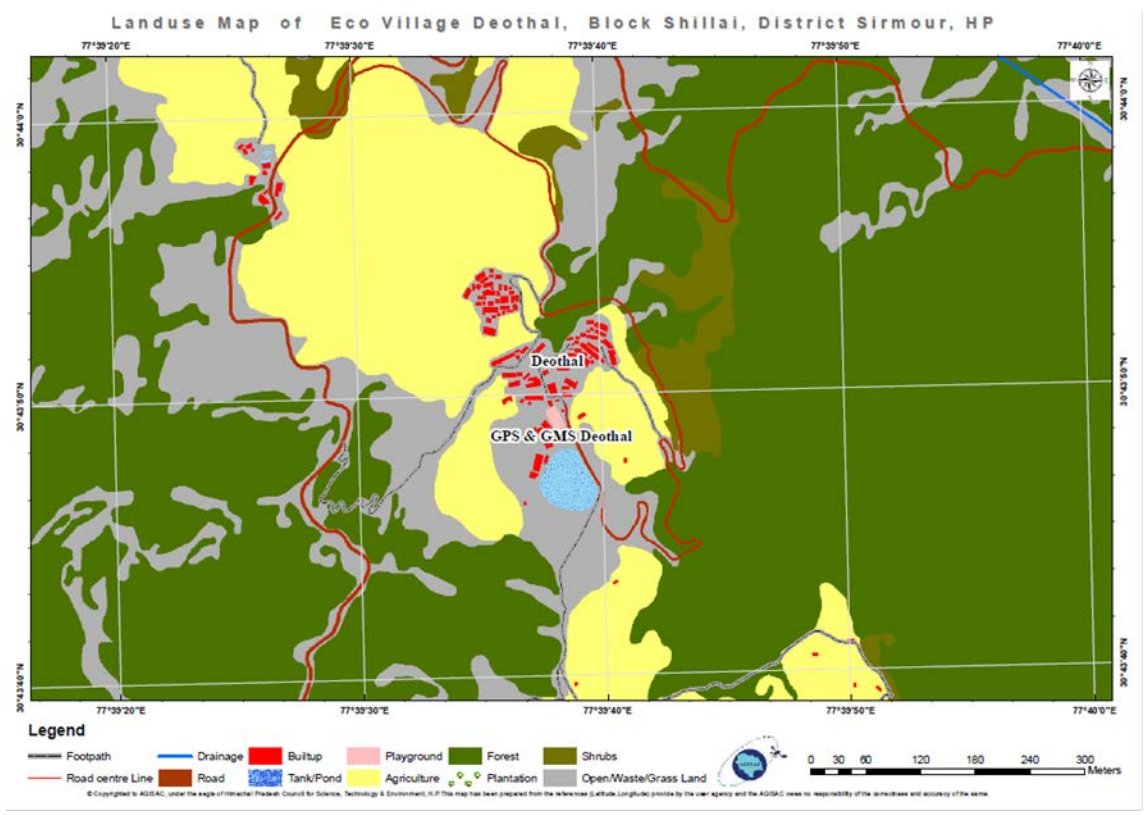
sr. no.	Name of person	Position
1.	Chattar Singh son of Shri Sita Ram	President
2.	Mast Ram son of Shri Kundan Singh	Secretary
3.	Gian Chand son of Shri Sunder Singh	Member
4.	Sunil son of Shri Chanan Singh	Member
5.	Pratap Singh son of Shri Mani Ram	Member
6.	Vinod son of Shri Ramand	Member
7.	Daya Ram son of Shri Purva	Member
8.	Kapil son of Shri Jeet Singh	Member

Village Resource Map



The steps towards sustainable development in Deonthal Village can be:

- ❖ Rejuvenation of pond located in the village.
- ❖ Tapping solar light.
- ❖ Construction of Eco-friendly gullies
- ❖ Eco-friendly dustbin/cemented dustbin.
- ❖ Roof Top Water Harvesting.
- ❖ Maintaining status quo in construction of buildings.
- ❖ Vermi compost.



EVDP of Deothal village Distt Sirmaurand Action Plan for 5 years

Name of Activity 1 st year	DEST Sharinig	Convergence	Name of Activity 2 nd year and estimated expenditure	DEST Sharing	Convergence	Name of Activity 3 rd year & Estimated Expenditure	DEST Sharinig	Convergence	Name of Activity 4 th year Estimated Expenditure	DEST Sharinig	Convergence	Name of Activity 5 th year Estimated Expenditure	DEST Sharing	Convergence
SLWM & Drainage	250,000	40000 15thFC	House Made Of Local material	20000 0	Nil	Solar Lights	135,000	60000 15th FC	Entry Gate	250,000		Vermipits	50,000	50000 14th FC
Fruit/Tree Plants (apple, Ban, Beid cherry, Devdars)	60,000	40000 MG Nrega	Roof top water harvesting tanks		150000 Nrega	Roof top water harvesting tanks	185,000	165000 Nrega	Vermipits	55,000	50000 NREGA	Aromatic/ Medicine/Fruit Plants	15,000	
VermipitS	90,000		Solar Lights	100,000	100000	Acupressure Park	80,000	300000 Nrega	Plantation	15,000		Roof top water harvesting tanks	185,000	750000 MGNREGA
			Maintenance of water pond	100,000	200000 Nrega				Roof top water harvesting tanks		295000 nrega	Kitchen Shed(using traditional technique Wooden & Slates)	150,000	1,50,000 MNREGA
			Beautification of Pond		150,000				IEC/SHG Training	30,000		C/O Pacca Johad		500000 MGNREGA
									Benches	50,000				
Total Expenditure for 1st year			Total Expenditure for 2nd year			Total Expenditure for 3rd year			Total Expenditure for 4th year			Total Expenditure for 5th year		
480000			1000000			925000			745000			18,50,000		

