



Strengthening Tribal Livelihoods through Natural Resource Management, Dang - Gujarat





BACKGROUND

Dr. Ambedkar Vanvasi Kalyan Trust participated in MBVSY that is Madhya Bharat Vananchal Samrudhi Yojana. MBVSY have started by YOJAK, YOJAK Centre For Research and Strategic Planning For sustainable Development. Madhyabharat Vananchal Samruddhi Yojana (MBVSY) is an initiative to evolve and implement scientific and socially acceptable solutions to address the developmental challenges of our times through consorted efforts of knowledge partners, community based organizations, government and other CSR funding organizations. It values symbiotic relationship between resources, human beings and environmental responsibility. We studied Dang area and identified issues related to natural resource degradation and livelihood. The current project is a part of this effort of creating sustainable livelihoods through appropriate use of natural resources and technology. The region faces many challenges. People are migrating from villages in increasing numbers day by day. The living standard is going down due to low or Zero yields in farms, in spite of lots of techno-economical innovations. This is a Detailed Project of Village Diwan (T) and Jamlapada from Dang district of Gujarat State. Ambedkar Trust has already started working with the villages. People's institutions are formed/ They will take up lead in implementation. A detailed study at family level was undertaken to understand situation and find specific activities. Economy of these villages is broadly based on productivity of agriculture and productivity is directly related to water, soil fertility and use of developed techniques in farming. Therefore ensuring availability of water for irrigation is also important. In this project efforts have been made to plan interventions for water harvesting and management to solve the problem of irrigation and drinking water in scarcity period.

Name of Organization :

Dr.Ambedkar Vanvasi Kalyan Trust

Project Time Period:

3 Years

Project Investment for 3 Years :

Rs. 2.47 Cr.

Project Cost for 1st Year 50 Lakhs.

People's Contribution:

Rs. 2,34,000 (5% of Project Cost)

Project Returns On Ground

(Year 2022 - Both actual and potential) :

Rs. 62 lakhs

Number of Beneficiaries:

TOTAL : 1200

Men : 409

Women: 800

Geographical area:

900 sq.hctr

3 Villages:

Jamlapada

Diwantimbrun

Avadamal

OBJECTIVES OF THE PROJECT

- Natural Resources Management through community-led-conservation activities.
- Enhance livelihood of Tribal population through sustainable farming & enterprise development

ACTIVITIES

1. Soil and Water Resource Development: To improve the overall water availability & prevent soil degradation in the village, through ground water recharging & surface water harvesting, following interventions are proposed viz., Farm Bunds, Stone Outlets, Gabion Bunds, Land Levelling & Bore Recharge, Earthen dams & Cement dams.

2. Improved Agriculture: Rice, Varai and Nagali (millets) are three major kharif crops. Following techniques are planned for improvement of productivity – Four-point rice technology and Systematic Rice Intensification techniques will be upscaled as per farmer's demand. We have conducted pilots this year. Improved seed varieties of rice have been introduced and have provided to farmers on a return basis so that we can upscale the cultivation practices.

3. Livestock Management: It is proposed to setup a Cattle Feed Unit in the village, operational on pay basis. Micro-Enterprises: The Project have setup Mini Rice Mills(3 units), Millet Processing units(1 unit) The capital invested in machines in these units will be given on revolving fund basis so that it can be used to expand such other micro-enterprises in the village.

4. Institution and Capacity Building: The Project keeps Capacity Building & Community training at its core. All the local village-level institutions and common resource groups, SHGs have trained during the project duration. Exposure visits also have done.

5. Community mobilization: village volunteers like Jal doot, krushisadhak, van sadhak ,pashu Arogya rakshak have identified and capacities have developed over the period in the cluster. Along with that knowledge documentation of community and promoting new festivals like Wild vegetable festival, jalpoojan, vapoojan to build bond between community and resources.

6. Misc. Activities: Kitchen Garden, Vermi compost units , Mushroom growing units , community mobilization and festivals. .



IMPACTS

Natural Resources Management & Development

Farm Bunding

- 5500 running mtrs work done.
- 3102 man days employment generation (Rs.741444 income generation)
- Potential 247 lakhs litre water recharge
- 2070 [cu.mt](#) soil runoff will be prevented

Farm Outlets

- 40 acres fertile soil saved
- Soil runoff will be prevented from 160 farms
- 171 man days employment generated(₹ 40000 income generation)

Terracing

- 11.62 acre Land have been cultivated(Rs.20 lakh agriculture production potential created)
- 12686 kg rice production potential generated per year (Rs.191730 farmers income generation peryear)
- 74 WIDOWS ARE BENIFITTED
- 19 MARGINAL FARMERS BENIFITTED

Gabian Structure

- Soil and water conservation
- 196man days employment generation (₹ 44934income support)

SUCCESS STORIES:

1. 8 members of Pawar family have earned ₹.49618 from the works of farm bunding and terracing. And used it for bank loan repayment, health and house maintenance.

2. Women's from cluster have earned money from various activities of project and invested it in Sukanya samrudhi yojana saving scheme for girls education.



Ground Water Repair Work

- 80000 lit. Water storage capacity.
- Drinking water facility for 8 families.
- worth ₹12 lakh asset creation





Livelihood Activities Strengthening

Kitchen Garden

- Rs.6000 income support to 55 farmers (Rs.330000 income support) Nutrition of 55 families secured



Vermi Compost

- Rs 9000 income support to 10 families (Rs.90000 income generation in year)



Mushroom Growing

- Rs 6000 income support to 30 families (Rs.180000 income generation in year)



Papad Udyog

- Rs 6000 income support to 22 families (Rs132000 income generation in coming year)

Mini Rice Mill(03 Units)

- Rice processing facility and service to 150 families 150 hrs drudgery of 150 families have saved

Millet Processing Unit(01) Driven By Solar Power

- Processing facility to 200 families

Entrepreneurship Programme

- Rs 12000 income support per worker. (Rs.828000 annual income support to 24 workers)
- Total 24 workers have given black smith and masonry training

- **Beneficiaries Selected Through Parisar Seva Samiti Consistered Of Local People Of Villages**
- **Principle Of Social Equity And Inclusion Have Used In Selecting Beneficiaries- 59 Marginal Farmers Widows Have Benifitted From The Work Of Land Levelling And Terracing.**
- **Auction Process Adopted During Work Allocation**

Production System

New Farming Techniques

- Rice production yield improvement in 200 farmers by practicing SRI technique 291 families directly or indirectly benefitted.
- Techniques have implemented with local indigenous varieties like Indrayani , GNR 9) . These are scented and fortified varieties which has decent market value .
- 15 % improvement in yield (worth of Rs.15 lakh)



Dairy Nutrition Facility Centre

- Health improvement for 160 livestock

Drip Irrigation System Support

- Rs 15000 income improvement of 21 farmers.(₹.405000)
- Irrigation efficiency will be improved by 75%



Solar Pump Sets (4 Units)

- 34 forest dwellers families will be benefitted through drinking water and irrigation facilities



Vegetable Farming Support System

- Rs 12000 income support additional to 21 families(annually ₹. 226000 income generation)

The project largely have started attaining broader objective of strengthening & sustaining the livelihood of villagers. The villagers and farmers Communities depend on natural & common resources like water, forests & livestock etc. have started realising their potential and distressed out migration from region have started reducing. Next phase of project is looking to work on convergence with government initiatives in the same direction.

Our Offices

SURAT HEAD OFFICE

Dr. Ambedkar Vanvasi Kalyan Trust
Nr. Rushab Tower, Rander Road,
Surat-395009
Tel No: +91(0261) 2781399
Email: davkt.seva@gmail.com

AHWA-DANG BRANCH SEVADHAM

Dr. Ambedkar Vanvasi Kalyan Trust
Opp. Sunset Point,
Ahwa, Dang-394710
Tel No: +91(02631)220535
Email: davkt_seva@yahoo.com

Dr.Ambedkar Vanavasi Kalyan Trust Songadh-Tapi BRANCH

Dr. Ambedkar Vanvasi Kalyan Trust
Sarvodayanagar-2, Railway Station Road,
Songadh
Tapi- 394670
Tel No: 8200221220

Dr. Ambedkar Vanavasi Kalyan Trust

Narendra Panchasara Smriti Parisar
Beside Shubham Heights,
Mahaveer Textile Market Lane,
Opposite Bhakti Dham Mandir,
Pune-Kumbaria Road,
Magob, Surat-395010.