

Tribal Development Fund (TDF) Wadi Project in Sinapali Block of Nuapada district

Implementing Agency -: **SAHABHAGI VIKASH ABHIYAN (SVA), Khariar, Dist.- Nuapada**

Financial Support: **NABARD, Odisha Regional Office Bhubaneswar**

Progress Report (April to September 2017)
(To be submitted before 5th of succeeding month)

Reporting month	November 2013
Date of Sanction of Project	15 th May 2013
Total Financial assistance sanctioned	INR 5,18,61,300/-
Year of implementation	5 th

Present Coverage under the Project (as per actual implementation):

No. of village / hamlets covered	No. of wadi beneficiaries	Area under wadi (ac)	Total no. of patches in which wadis are developed	No. of landless people covered	No. of UVSs formed	Year
30	1000	1000	65	150	32	2017-18

With the Support of NABARD, WADI Project was Initiated in the year 2013 in Sinapali Block of Nuapada district for the holistic development of the Tribals in the Project Villages. This Programme is aimed to promote, strengthen and address to the livelihood options of the tribal community on empowerment approach. As on the reporting period the programme has covered 1000 acre with 1000 farmers and formed 32 Udyan Vikash Samiti , the strong village level CBOs, which could bring out the socio economic change of the poor and targeted farmers . During the year SVA has been working to ensure survival of all Wadi Plants, Putting emphasis to introduce high value Various Vegetable Intercropping, Vermi Compost and Magic compost production and application for Plant growth and Plant Protection, Repair and maintenance of Fencing , Credit Linkage of Wadi Farmers in KCC/JLG, Strengthening of SHG, Various Income generation activities, Construction of Food Processing unit, ensure use of Vegetable pack house and Onion Storage Godwan, Convergence of Water resource , Strengthening of registered Farmers Producer Company and Marketing of Wadi Area produces.

The Programme has impacted a lot on different area of development as mentioned below:

- ❖ Socio economic condition of 1000 Wadi beneficiaries strengthened under 1st Phase plantation WADI and Various Intercropping based interventions.
- ❖ The income source of 725 beneficiaries increased by an average of Rs. 26000/- per year in comparison to pre-Wadi period of 2013.

- ❖ Convergence of 65 Cluster Bore well from OLIC @ Rs 190000/- per Bore well. A Sum of Rs. 123.50 lakh invested by OLIC for assured irrigation with Wadi plants and various intercropping round the year.
- ❖ The additional income sources of 146 Landless beneficiaries created and have increased their income.
- ❖ 1000 Acre of wasteland converted into the Agro horticulture land. As a whole 825 acre land was treated with appropriate soil conservation measure and created Water resources base which in turn helped to bring socio economic change of the target community promoting intercropping Like Onion, Chilly, Spine guard, Tomato, beans, Brinjal, Radish, Cowpea, Groundnut, Arhar, Tuber crop and others mobilizing the resource from NABARD TDF Loan, ATMA, horticulture department under convergence in Wadi operational area.
- ❖ After the Successful intercropping and Wadi Activities, 85% of distress Migration checked in Wadi operational Area.
- ❖ 36 SHG of the Project area streamlined, functioning well with mobilization of resources, credit linkage with banks and started several micro enterprises.
- ❖ Promotion and use of TERI Annapurna Smokeless stoves for 150 families, helped for reducing drudgery along with supporting the existing forest eco system by reducing the consumption of firewood.
- ❖ The food consumption capacity and nutrition status of the targeted beneficiaries enhanced to a greater extent. Simultaneously the different health hazards also reduced because of the regular accessibility of health service providers in the area. The evil practices of consuming Desi liquor reduced and as a result family and social life have improved significantly.
- ❖ As an impact of different capacity building training the leadership capacities and the skill development programmes the unity and integrity among the UVS members has increased. The social rapport and understanding among the SHG, JLG, Farmers Club and UVS have strengthened. Through the capacity building programme, farmers have been able to avail the information of various Govt. Scheme and are able to mobilize the resources.

As part of the programme the following activities have been undertaken during the period April to September 2017.

(i) **Establishment & Maintenance of Wadis** (briefly indicate about various work /

Name of the Programme / Activities	Progress Made so Far
Mortality Analysis of 1000 Acre Wadi Field (Wadi Field Wise and Plant wise Survival Analysis)	During the Month of January 2016, SVA has conducted Mortality analysis and as the data and field verification Survival Rate of Mango is 92% and Lemon is 69%. Mortality mango – 8% and Lemon – 31%
Mortality Replacement	32 Acre Gap filling of Mango/Lemon Plants and Border Crop Completed during July and August 2017
Ensure Intercropping in Every Wadi	710 Acre Covered with Pulses, Ragi, Brinjal, Tomato, Yam, Cowpea, Chilly and others
Earthling up during rainy season and Application of Biofertilizer	730 Acre Covered
Production of Vermi compost and Magic Compost	800 Farmers are using Vermic compost for Growth regulator and Magic Compost for Plant Protection.
Plant Protection	all the farmers are using organic pesticide .
Technical person visit to Wadi Project area	Sri S.Khadanga(MSC Ag.) and Murmu Thakur(Assistant Horticulture officer) Visited and Conducted Field Training

(ii) **Water Resource Development :**

Name of the Programme / Activities	Progress Made so Far
Convergence of Deep bore well from BKVY	1 Phase Wadi Field: 28 Nos. , 2 nd Phase 11 Nos. & 3 rd phase 48 Nos. done with the support from TDF and OLIC.
Solar Pumping system at Wadi Field	2 Unit Solar Pumping system done at Nuaguda and Haldikhol village under TDF and 6 unit Solar Pumping system from Ben. Contribution and Bank Loan.
Introduction of Micro River Lift irrigation	8 unit Lift irrigation point done with the convergence from OLIC & AGRO.
Construction of Dug Well under TDF support	1 st Phase Wadi Field: 8 Nos. 2 nd phase 15 Nos. completed 3 rd phase 16 No. completed.
Convergence of Dug well from Various Government department .	62 Nos. of Ring well / Dug well work done from IWMP/MGNREGA/JALANIDHI/others

Construction of Dug well Platform in 1st Year Wadi area.	2 Nos. of Dugwell Platform work done
Supply of Manual Pump set for irrigation (50% convergence from Agriculture department)	65 Nos. of Manual Pump set Supplied
Repair and Maintenance of Kirozen Pump Set for irrigation	109 Nos. of Pump set ongoing
Construction of Water Tank at Wadi field for Irrigation.	72 No. of Water tank for Irrigation to Wadi Field ongoing
Construction Check dam	1 unit check dam with Cannel work done
Construction Farm pond near Wadi Field .	8 Nos. of Farm Pond done with the convergence from MGNREGA & Hort. Dept.

WRD Convergence Details.

Name of the work	Amount -In Rs
Deep Bore well 87 No. @ Rs 1,90,000/- under BKVY(OLIC)	1,65,30,000.00
Lift irrigation Point 8 unit @ Rs 2,50,000 under JALANIDHI	20,00,000.00
Dug Well 62 No.@ Rs 60,000/-	37,20,000.00
Pump sets (Subsidy) 109 No. @ Rs 8500/-	9,26,500.00
TOTAL	2,13,76,500.00

(iii) Soil Conservation Measure :

Name of the Programme / Activities	Progress Made so Far
Field Bonding & Trench work in 1st year of wadi field from TDF support	190 Acre field Bond & Trench work complete.
Field Bonding & Trench work in 2nd year of wadi field	386 Acre land development work done.
Field Bonding & Trench work in 3rd year of wadi field	394 Acre Completed

(iv) Other Livelihood Intervention for Landless & Others

Name of the Programme / Activities	Progress Made so Far
Model Poultry Rearing unit for Landless in Wadi Area	56 unit Model Poultry unit set up (Including Chicks, Shed and Feeding other support)
Duck Rearing	50 Nos. Duck rearing unit set up (Including Shed, Birds)
Maize Processing	1 no. of Maize processing unit set up at Haldikhoh Village
Food Processing unit (Rice Haller)	2 Nos. of Food Processing units set up at Pithapada & Halikhoh Village.
Mushroom Cultivation	62 Units done with support from ATMA and KVK.

• **WADI Plus Activities**

(v) **Training & capacity Building Programmes:-**

Name of the Programme / Activities	Progress Made so Far
Awareness Camps & WADI Farmers Sensitization -40 farmers per batch	38 Nos. of Wadi Farmers Sensitization programme done through Video Show, Training
Training to PIA staff (No. of staffs-10)	22 Nos. of PIA Staff Training Programme conducted
Skill Development Training for WADI Farmers & WADI Project Field Staffs	26 Nos. of Wadi Farmers Skill Development Training programme conducted.
Formation of UVS, Village Planning Committee- Training and functioning	33 Nos. of UVS Leaders & Wadi farmers Training programme conducted
Capacity Building and leadership training to UVS leaders (President & Secretary)	31 Nos. of UVS Leader Training programme conducted.
Farmers exposure visits to other successful wadis within Odisha	6 Nos. of Exposure trip organized to CHES Bhubaneswar, WOSKA Kendujhore, Harsa Trust , CPSW and BAIF Pune & APMC/NRCOG
Experience Sharing workshop of Wadi Farmers	6 Programmes Conducted.

(vi) Women Empowerment

Name of the Programme / Activities	Progress Made so Far
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Leaf plate making	2 unit Leaf Plate Making units set up at Kusunjore & Patialpada village to SHGs.
Skill development training to SHG members on NTFP processing & food processing, etc.	13 Nos. SHG member Skill Development training conducted on NTFP Processing & marketing.
Formation & strengthening of SHG federation	5 Nos. of block level SHG Federation workshop conducted.
Solar lights for non electrified Households (Demonstration)	85 Nos. of Solarlight distributed to Non Electrified household at Wadi village.
Introduction Improved Cook Stove (TERI Model) for drudgery deduction.	220no. of Improved Cook Stove supplied (TDF support : 700/- & Farmers share : 2000/-)

(vii) Health

Name of the Programme / Activities	Progress Made so Far
Special measures against endemic problems like Malaria, Diarrhea & Cholera	13 Nos. Health camp done on Malaria, Diarrhea & Safe drinking water
Chlorination of both Dug wells & Tube wells	36 units covered
Health camp for general public in the project villages Awareness programme on Human Health	11 Nos. of General Public Health Camp Done
Distribution of Medical to UVS	28 set Medical Kit Distributed

(viii) Micro Enterprises exposure visits and capacity building

Name of the Programme / Activities	Progress Made so Far
Exposure visits to lemon, mango and vegetable processing centre	20 Farmers visited to DHRUVA & BASUNDHARA Cooperative of BAIF , Maharastra
Formation of Landless Groups & Basic Training	5 Nos. of Training Programme done & 40 JLGs Groups Formed.
Technical Training / Workshop on IGA	2 Nos. of Technical Workshop done on Poultry, Duckery & Maize Processing.

(ix) Cooperative and Its Function and processing

Name of the Programme / Activities	Progress Made so Far
Awareness programmes and orientation on producer cooperative and producer company	10 Nos. of Producer Company Awareness programme done on Share Collection , Business plan Preparation & Value Edition .
Village Planning Committee Meetings / Workshops, Role and Responsibility of Cooperative members, Planning of activities for marketing of WADI products and local available resources, Re-Orientation.	6 Nos. of Workshops Done on Role & Responsibility of Producers to strengthen the Producer company.
Onion storage cum processing plant (Grant, subsidy and loan)	3 Nos. of Model onion Storage cum Processing plant done set up at Wadi Field Area (Capacity – 200 Quintal)
Vegetable Pack house	One Vegetable Pack house completed at Haldikhol village with Building space, Drying Space, Weight Machine, Crates and equipments.
Community Drying yard	1 Nos. of Community Drying yard constructed at Patialpada village for safely drying of Various type of Agricultural & Forest Product.
Formation and Registration of Farmer Producer Company	UDANTI Farmers Producer Company registered with 1000 Wadi Farmers as Share holder.
Lemon and Mango Fruit Processing center	Mill Machinery, Equipment's, Building and Training done.

Action plan for next quarter (October 2017 to March 2018)

Component	Time line/Action Period	Remarks
<ul style="list-style-type: none">Horticulture<ol style="list-style-type: none">Regular Application of Plant Protection Chemical, Vermi Compost, Bio fertilizer to	October 2017 to March 2018	

<p>Wadi Plants.</p> <ol style="list-style-type: none"> 2. Inter culture and mulching- Ring making during Winter/ summer Season 3. Ensure Regular irrigation to all Wadi Field during Winter Season 4. Pruning and Canopy Management of All Wadi Field with the technical Guidance of Horticulturist 5. To ensure 100% Intercropping in all Wadi Fields 6. Credit Linkage (KCC) of 120 Farmers for Onion and Vegetable Production 		-
<ul style="list-style-type: none"> • Water Resource <ol style="list-style-type: none"> 1. Convergence of 30 No of Borewell from OLIC under JALANIDHI Scheme 2. Convergence of 20 Acre Drip irrigation from Horticulture Department 3. Installation of 20 No of Solar Pumping system under Bank Loan and NABARD Subsidy Scheme 4. Collection of Maintenance funds for Bore well, Kerosene Pump Set and others 	October 2017 to March 2018	-
<ul style="list-style-type: none"> • Soil Conservation <ul style="list-style-type: none"> ✓ Convergence 20 Acre of Land Development/ Field Bonding activities from MGNREGA. 	October 2017 to March 2018	-
<ul style="list-style-type: none"> • Income Generation Activities <ul style="list-style-type: none"> ✓ Promotion of Dhingiri Mushroom Production with 10 Landless House hold from Bank Loan and Beneficiary Contribution. ✓ Formation of 10 No of Joint liability Groups for Various Income Generation activities ✓ Revival of 20 Unit Poultry and 10 Unit Duckery unit 	October 2017 to March 2018	-
<ul style="list-style-type: none"> • Training Capacity Building <ul style="list-style-type: none"> ✓ To Organize 3 No. of Training Programme of Wadi Farmers on Package of Practices and Pruning Canopy Management ✓ Capacity Building of PIA staff on Ring Making, Mulching, Vegetable Intercropping and Production data analysis 	October 2017 to March 2018	-

<ul style="list-style-type: none"> ✓ Exposure Visit to Maharashtra on Onion Seed Production/ Onion Storage System ✓ To organized experience Sharing workshop of Wadi Farmers 		
<ul style="list-style-type: none"> • Women's Empowerment • To Organized SHG Federation meeting on to Stop Desi Liquor • 10 SHG link to OLM for to get Revolving Funds 	<p>October 2017 to March 2018</p>	<p>-</p>
<ul style="list-style-type: none"> • Health • To Organize Swachha Bharat Campaign in every Wadi Village and Every Month • To Organize Health/ Immunization camp 	<p>October 2017 to March 2018</p>	<p>-</p>
<ul style="list-style-type: none"> • Micro Enterprises development ✓ Vegetable and Other Wadi Intercropping Produces Market Linkage through Udanti Producer Company. ✓ Support to udanti Producer Company on Share Capital Collection, BOD Meeting, Regular opening of Seed Out Let, Application of Seed/Fertilizer License and Cash Credit Account ✓ Inauguration of Lemon and Mango Food Processing Unit. ✓ To Follow-up Regular Use of Vegetable Pack House ✓ Repair and Maintenance of Onion Storage warehouse. 	<p>October 2017 to March 2018</p>	<p>-</p>
<p>Special Visit Programme to Wadi area</p> <ul style="list-style-type: none"> ✓ To Organize DDM NABARD/LDM/OLM Team/Bankers/Horticulture Officer Visit Programme to Wadi Field 	<p>October 2017 to March 2018</p>	<p>-</p>