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• VOLUME VIII • ISSUE 1 • APR- JUNE 2016

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TCSR Round Up



Skill development for unemployed youth

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Environment Conservation Program

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Awareness Generation of HIV - AIDS, Malnourishment, sanitation & Personal Hygiene

TCSR takes initiative for awareness generation of HIV – AIDS, malnutrition and hygiene among villagers. In this quarter, 4700 people covered under different awareness generation camps.

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TCSR Partner's View



Mr. A.H.Halani
Unit Manager,
CMSU (Water And
Sanitation Management
Organisation), Jam

Khambhaliya

In the year 2001-2002 there was the devastating earthquake in many rural areas in several districts in Gujarat that caused damage to water facilities in many rural areas. The most affected districts from the earthquake were Kutch, Surendranagar, Patan and Jamnagar. The WASMO was started by the Government of Gujarat with the objective to reestablish internal water facilities in the affected areas.

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1. Rural water supply and distribution plan to be implemented based on public management and public demand

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TCSR Round Up

Blossom

Handicraft & Cluster Development

TCSR has been working for handicraft development through cluster development and promoting the sales of the handicraft products produced by the clusters. In Mithapur, TCSR organised various exhibitions for sale of the handicraft products of bandhani, bead, coconut, jute & rexene clusters. During the quarter there was sale of Rs. 3.58 Lakhs.

During the quarter TCSR provided training on REDP to 20 members for production and marketing of papad. TCSR also provided trainings to 92 SHG members for their capacity building through various tools like Games, presentation of film and story.



In Babrala, Karjobi which is one of the oldest Mughal embroidery arts of Gunnaur is being promoted since 2008. There are around 200 families engaged with this activity and TCSR is working closely with 36 artisans for promoting sales of the karjobi products. TCSR has introduced new embroidery designs of Karzobi on women garments which are high in demand in the market. TCSR is planning for large scale production of the products and increasing sale with the help of OKHAI.

Enhance

Agriculture Development Program



TCSR has initiated promotion of maize cultivation in the core command villages of Babrala to enhance income of the farmers. The yield per acre of land from the available seeds was just 10 to 12 quintals/acre. TCSR introduced the pioneer hybrid seeds and supported 104 farmers for cultivation in 80 acres of land. The yield per acre from the use of the pioneer seeds has been 20-25 quintals/acre which has given higher returns to the farmers.

Construction of Salinity Bandhara in Okhamandal



The average rainfall of Okhamandal is 350 to 400 mm due to which farmers have to rely on monsoon season for agriculture production.



In Mithapur, TCSR in partnership with Tata Trusts is implementing the OSGP project to improve the socio-economic conditions of the farmers in 40 salinity-affected villages of Okhamandal and Kalyanpur blocks of Devbhoomi Dwarka district of Gujarat.

During the quarter, various interventions were undertaken such as crop demonstration, training on scientific farming systems, soil and water testing, support with solar zatka fences, awareness on crop insurance, survey on need of multiple cropping, support with agri-equipment

TCSR supported soil test of 320 soil samples in Mithapur and 52 samples in Haldia to determine available nutrients in the soil, provide recommendation on use of fertilizer and improve soil health. TCSR also carried test of 145 samples of water to identify level of contamination and pH level of water before and after monsoon. The report will help in appropriate treatment of soil & water and growing the right crop at the right season.

On trial basis TCSR is promoting cultivation of sea weed which is a source of carrageenan used as a thickening agent in foods such as chocolates, ice creams, custard powder and even pickles. Seaweed is also a good source of certain vitamins and minerals. The cultivation of sea weed can help in enhancing income of the households residing in the coastal areas of Okhamandal.

Promotion of maize crop in Babrala

The available ground water is saline in other seasons which makes difficult for growing crops. TCSR in partnership with SRTT & CSPC constructed a salinity bandhara which will benefit more than 100 households of Poshitra & Gurjat villages by making 459 acres of land cultivable. The inauguration of the bandhara was done in July 2016 in the presence of TCL senior employees and farmers. It is expected that bandhara will increase water storage capacity by 9.67 MCFT which can be used for agriculture irrigation and other domestic uses. TCSR also formed the bandhara user group and delegated roles and responsibilities to the user group for bandhara management.

Promotion of agri-allied activities in Haldia



In Haldia, TCSR has been promoting the culture of ornamental fishes which has been identified as a feasible economic activity that can be started with small ponds. During the quarter TCSR organised follow up training for 90 women and supported 60 women with fishing nets.

TCSR organised three animal husbandry camps and supported vaccination of 1084 cattle

TCSR is also promoting mushroom farming and during the quarter 82 women were provided training and supported with mushroom seeds.

Under the Affirmative Action initiative, TCSR supported with feed and medicine to 25 households for poultry farming.

In Sriperumbudur, 42 women were imparted training on improved farming system and mushroom cultivation.



Globally, maize is known as queen of cereals because it has the highest genetic yield potential. In India, maize is the third most important food crops after rice and wheat.

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TCSR Round Up

Aspire – Skill Development

Skill development for unemployed youth



TCSR in Mithapur is running the Skill Development Centre for upgrading skills of unemployed youth and helping them engage with a meaningful employment. During the quarter 259 youth have been enrolled in different courses like computer application, tailoring & beautician.

TCSR also supported industrial training of 20 students at VTTI out of which 12 students have already been placed in two companies.

In Babrala, TCSR has been engaged in facilitation of enterprise development for the trainees of beautician courses and successfully established enterprises of two trainees who are earning average income of Rs. 6000 per month.

In Haldia, TCSR supported 50 trainees of beautician course & garment making course with tool kits so that they can start working from home or start their own enterprises.

In Sriperumbudur, 16 women participated in advanced tailoring course which was organised in partnership with USHA Sewing School.

Aspire – Education

Under the “Shala Pravesh Utsav”, TCSR in Mithapur supported 2300 primary school children with school bag and study materials as a motivation to take admission in school.

In Haldia, TCSR organised a 7 days residential camp on “Spoken English and Personality Development” for government school students. There was participation of 107 students from different schools of Purba Medinipur district.

In Sriperumbudur, 48 students participated in 15 days summer camp that included Craft Classes, Basic Tailoring and Stitching, Magic Maths, Quilling, Yoga, ‘Speak English’, ‘Tamil Poems and Literature’, Value Education and ‘Overall Personality Development’



TCSR Round Up

Conserve

“CONSERVE” - Environment Conservation Program

Whale Shark Project:

The Whale Shark project had won the UNPD-India Biodiversity award in the year 2014. Ms. Nadisha Sindhu, a representative from UNDP visited the field site for assessment of post award field work. The objective of the visit was to assess the post award performance of the project so as to include best three projects in the UNDP brochure on international best projects to be released in Kenya later this year. UNDP representative's interaction with fishing community representatives from Dhamlej, Sutrapada, Mangrol and Veraval was organised.



50 sparrow nest boxes were installed in residential areas in the township as part of the Earth Day celebrations. A Tree Census was also organised at the Samanvay Park. Employee volunteers, family members and retired employees participated enthusiastically in the campaign activities. “Save our Sparrows” campaign activities were also conducted in 18 ECO Club Schools and nest boxes were installed. These activities shall continue over the coming days and are designed to help create a database on nesting of different bird species at Mithapur. Snake awareness programs and slide shows were conducted in 6 schools. A Bird Race was organised at Mithapur as part of the International Biodiversity Day celebration.



Beach cleaning programs were organised at Mithapur and Dwarka in partnership with the Marine National Park Dept. as part of the World Environment Day celebrations. TCL employees and family members participated in the same. Field surveys and site development work were conducted through the month of June '16 as part of the Tata Sustainability Month program.

Vibrant Gujarat MOU Gugal Plantation Project:

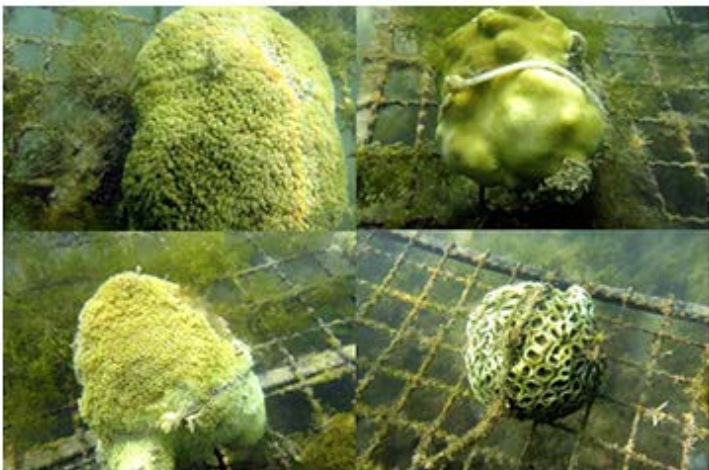
The Vibrant Gujarat MOU Gugal plantation project is planned to develop a 30 acre plantation of the endangered Gugal plant in a phased manner with an aim to conserve the local genetic strains of this endangered species.



Work on whale shark habit studies and monitoring of sea water samples from habitat areas for various parameters continued during the quarter. A copy of the marine projects annual report was submitted to the Deputy Conservator of Forest – Junagadh Wildlife Circle. A total of 10 whale sharks which were caught incidentally in fishing nets were rescued and released taking the total rescue and release figure till date to 601. The off-shore project activities have been temporarily discontinued owing to the rough seas during the monsoon season.

Coral Reef Recovery Project:

The coral reef along the Mithapur beach shelters 28 species of hard corals and a diverse marine life. Work on monitoring of sea water samples for temperature, salinity, pH, dissolved oxygen, conductivity and turbidity continued along the coast of Mithapur. Monitoring of biological parameters and growth of the Mithapur coral reef including monthly monitoring of coral garden and artificial reef complexes also continued.



Site clearance and land development work continued and volunteering programs were organized to create awareness on this vanishing species. Employee volunteers and their family members participated for site development and plantation maintenance activities. This plantation is expected to check the rampant spread of the Gando Baval (*Prosopis juliflora*) bush which unfortunately has started spreading on to the marine turtle nesting grounds along the Mithapur coast.

Work on stabilization of sand dune slopes on fringes of plantation site was initiated. Aloe vera plants were planted on more than 4,000 sq. mtrs of these slope areas. Senior officers from Mithapur location, employee volunteers and their family members and the ATS students and staff participated in this plantation drive.

Marine Turtle Monitoring:



The beaches on the Okhamandal west coast feature nesting sites for two endangered species of marine turtles - the Green Sea Turtle (*Chelonia mydas*) and Olive Ridley (*Lepidochelys olivacea*) turtles. These nesting sites have been affected by coastal erosion which is likely to hamper the marine turtle breeding biology in the region. The turtles require a gentle slope along the beach for nesting on sand dunes. However, in the recent years, the gradient of sand dune slopes has increased sharply due to erosion resulting from sea level



Granulometric studies to analyse grain size composition of collected sediment samples are under way.

A program for removal of ghost nets (pieces of abandoned fishing nets) from reef area was organised on 5th June. These ghost nets pose a threat to corals, turtles and other marine life. The Marine National Park team led by the Range Forest Officer, Dwarka Range, participated in the program along with TCL employees and family members. These volunteers also helped in a survey to assess the health status of the live corals.

ECO Clubs Program:

The ECO Clubs program aims to create awareness on biodiversity conservation and “Climate Change” amongst the community, especially students of rural schools in and around Mithapur as also TCL employees and their family members.



rise. Monitoring of coastal erosion at the six beaches - namely Okhamadhi, Bhimpara, Shivrajpur, Sagar dam, Mithapur and Kala Tul beaches continued during the quarter. The monitoring activities for turtle nesting and mortality also continued simultaneously. Nesting of Green Turtles was reported at Mithapur and Sagardam beaches. A Green Turtle which had come to the Mithapur beach for nesting had got stranded on the rocks due to low tide. The same was rescued and released into the sea.

Laser levelling at Babrala



TCSR D has been engaged in laser levelling of the uneven agriculture land in Babrala which helps in proper irrigation to the crops and high agriculture production. The method has also helped in reduction of cost to farmers on land levelling and also has helped in increasing the yield of crops. During the quarter, 150 acres of land were levelled which has benefitted 97 farmers of 16 villages. It enhances income of farmers and improve their awareness for agricultural techniques.

Energy Efficient Cook Stoves:

In Haldia, TCSR D constructed 120 energy efficient cook stoves which helps in reducing the dependency on fuel wood and addresses the health hazard which earlier existed due to the use of traditional cook stoves.

TCSR Round Up

Nurture

Awareness Generation of HIV - AIDS, Malnourishment, sanitation & Personal Hygiene

TCSR takes initiative for awareness generation of HIV – AIDS, malnutrition and hygiene among villagers. In this quarter, 4700 people covered under different awareness generation camps. The most rampant health problems were skin problem, water borne disease. Under this 6600 patient has been treated in this quarter through various health initiatives. Water, Sanitation and Hygiene services are basic need for people for survival and good health. Therefore, TCSR is generating awareness among rural people related to safe drinking water. In this vision TCSR is also promoting Tata Swach Water Purifier.



Health programs at Haldia

TCSR organised anaemia check-up camps and during the camps 641 rural women were screened and provided medical advice for anaemia. TCSR also celebrated Safe motherhood day with 120 women and generated awareness on vaccination, institutional deliveries and importance of nutrition of mother & children.

Drinking water and sanitation program in Mithapur

In Mithapur, TCSR has partnered with CSPC and WASMO for providing safe drinking water and improving sanitation in 42 villages of Okhamndal. The project aims to provide safe drinking water to rural households through people's participation and institution building. During the quarter 320 households were provided tap connections, facilitated electricity connection, provided pump machine, constructed pump house, storage sump, well etc for continuous water supply.



In Mithapur, during the quarter toilets were constructed in 104 rural households in 6 villages of Okhamandal. To address the issue of sanitation, safety, hygiene usage, BCC (Behaviour Change Communication) program was organised on 18th June 2016 at Batisa & Lalpur villages with 25 women of SHGs. The basic aim is to bring about improved health quality of life of their family through access to quality sanitary toilets, hygiene use of toilet.



TCSR D also organised eye camps and 389 patients were provided with spectacles for improving their eye vision.

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In Jamnagar district, WASMO was started in 2004 to and the following achieves were defined for the district:

1. Rural water supply and distribution plan to be implemented based on public management and public demand
2. Conservation and management of available water resources
3. Intensive and endless efforts and awareness to raise strong public organizations
4. Spread awareness on program and water quality through Information, promotion and dissemination
5. Capacity building of Water Committees

In the initial phase operations started mainly in Okhamandal, Kalyanpur and Jodiya blocks which lies in the coastal areas of the district.

Okhamandal and Kalyanpur are treated as the most backward talukas of the district. In these blocks, people lack awareness, illiteracy is prevalent, low awareness on safe drinking water, lack of public organization, poor sanitation etc. Therefore, it was very tough for WASMO to work with people participation, but WASMO identified TCSR located in Mithapur, which has been active in the area of social welfare activities in Okhamandal region. So it was decided to collaborate with TCSR and make use of its experience. TCSR also gave positive response to WASMO and hence collaborative intervention plan was designed for implementation.

TCSR has been very sincere in achievement of the project goals since 2004. TCSR performed very well in the most backward populations of Kalyanpur and Okhamandal. TCSR conducted assessment of community need of drinking water and generated awareness on conservation of the available water resource, water management, benefits of people's organizations, water quality, etc.

TCSR Mithapur implemented the following activities in Okhamandal and Kalyanpur blocks.

1. Managed distribution of rural water supply in 38 villages of Okhamandal and Kalyanpur block
2. Formation of water committee and its capacity building
3. Construction of more than 500 Roof Rainwater Water Harvesting Structures
4. Well recharge work, deepening of lake and dam construction work for water conservation
5. Provided drinking water facility in primary schools

These interventions in Okhamandal and Kalyanpur blocks have helped people get safe drinking water regularly at their house through tap connection. Water committees have been operational for equitable distribution of water among the village households.

TCSR has not only supported in implementation of the project but also provided all kinds of technical and financial assistance whenever required with positive approach.