

Sustainable Environment & Ecological Development (SEED)

Establishing Bio-shield

at

Devla Village, Jambusar Taluka, Bharuch District, Gujarat

Make My Trip Foundation

19th Floor, Tower B, Building 5, DLF Cyber City, DLF Phase 2, Sector 24, Gurugram,
Haryana, 122002, India
Under CER

January to March 2024

Project Implemented by



VIKAS

Centre for Development

ISHAVASYAM,

Opp. Lajpatnagar Society, Eeshita Towards Road, Navjeevan, Navrangpura, Ahmedabad 380014

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Introduction:-

VIKAS Centre for Development is implementing a Mangrove Plantation Project funded by Make My Trip Foundation, on the coastal belt of Devla village of Jambusar taluka of Bharuch district.

The plantation of mangroves aims to preserve the environment by reducing soil erosion and absorb CO₂ as well as provide employment to *Rathods* an under privileged community in this coastal village. The plantation would be carried out in 65 Hectare area in which a total of 1,62,500 mangrove seedlings will be planted. The plantation will increase the marine life in the area through the growth of fishes and crabs in the plantation area. During the summer, the animals of the village will get green fodder through systematic cutting of the mangrove leaves.

Finally plantation will help create a Green Wall along the coastal belt which will provide protection against calamities like cyclones and tsunamis.

Devla Site Mangrove Plantation Area Map :



Map of Devla village before plantation. A total of 1,62,500 mangrove saplings is proposed to be planted in 65 hectares of this place.

**GPS Points
of
Project Site**



Devla-65 Ha			
No	Point No.	N	E
1	D-1592	21°59'3.10"N	72°30'19.60"E
2	D-1593	21°59'0.00"N	72°30'8.40"E
3	D-1594	21°58'39.30"N	72°30'1.50"E
4	D-1595	21°58'36.90"N	72°30'15.20"E
5	D-1596	21°58'27.50"N	72°29'58.50"E
6	D-1597	21°58'2.20"N	72°29'52.10"E
7	D-1598	21°58'0.90"N	72°30'5.80"E
8	D-1599	21°58'24.60"N	72°30'10.10"E
9	D-17	21°58'49.80"N	72°30'5.20"E
10	D-18	21°58'48.53"N	72°30'16.46"E
11	D-19	21°58'58.37"N	72°30'19.41"E

Plantation Details at Devla Mangrove Plantation Project Site:

Total Plantation to be done	Nursery made	Plantation through Direct Dibbling	Number of living plants in the nursery	Plantation done in Dec 2023	Plantation done in Jan 2024	Plantation done in Feb 2024	Plantation done in Mar 2024	Total Plantation done till date
1,62,500 plants	1,96,270	40,000	1,33,227	16,832	31360	43,208	41,827	1,33,227

Status of Plantation:

Upto March 2024, Plantation of 1,33,227 Mangroves done.

Sr.	Activity	Planning	Work Completed
01	Plantation activities	Plantation of Mangroves.	<ul style="list-style-type: none"> In December, we had planted 16,832 Mangroves. In January, we have planted 31,360 Mangroves. In February, we have planted 43,208 Mangroves. In March, we have planted 41,827 Mangroves, thereby totalling to 1,33,227 Mangroves being Planted. Also, a Direct Dibbling Plantation, of 40,000 Seedlings was done earlier. The Plantation for 2023-24 Cycle has been completed. Before it becomes too hot, the plan was to complete the Plantation. Hence, more workers were hired to complete the Plantation work by mid March.
		To observe the Changes happening on the Sea Site at Devla(Nada)	<ul style="list-style-type: none"> There has been erosion at the site, due to high tides in this month Erosion occurs in the lower site in this plot while accretion is observed in the upper part. The Plantation plot has silt on the upper side and on the roads.
02	Social	Organise the meeting of Tavar Vikas Committee.	<p>A meeting of the Tavar(Mangrove) Committee was held in which the following issues were discussed:</p> <ul style="list-style-type: none"> Mangrove Plantation work discussed. How much plantation has been carried out till date was discussed. Total Payment made to labourers till date was informed to the committee. The work of Mangrove Plantation has been completed in this month. The Community Shed work in progress was informed to the committee.

	<ul style="list-style-type: none"> • Meeting of Supervisor with the Labourers. 	<p>A meeting was held with the site supervisor and laborers to complete the plantation work as soon as possible, in which the following were discussed:</p> <ul style="list-style-type: none"> • How much plantation has been done so far and how much plantation is yet to be done was discussed. • Planning done in how many days to complete the work and to engage more workers. • It was discussed whether the payment for the work done has been received by every worker. • Obtained details of bank accounts of newly joined workers. • It was decided that each worker should plant up to 140 mangroves per day, in order to complete the plantation by mid march.
	<ul style="list-style-type: none"> • To check on the receipt of the payments done to the Labourers. 	<ul style="list-style-type: none"> • It was confirmed that the labourers have received all the payments till date.
	<ul style="list-style-type: none"> • Mandays Work generated. 	<ul style="list-style-type: none"> • In the period January to March-2024 a total of 1,185 mandays of work generated.

PLAN FOR APRIL 2024:

1. To do the counting of the Living Plants.
2. To observe the changes taking place at the sea site.

Case study -1

Name : Imtiyaz Sadikbhai Vat
Age : 37 years
Education: 7th Standard
Village : Devla, Taluka - Jambusar, District- Bharuch
Members in Family: 05 (Five)

Devla village is located on the coast of Jambusar taluka of Bharuch district. The total population of this village is 4,500 to 5,000, in which there are people of two communities, Hindus and Muslims. In this village, Imtiazbhai's family was engaged in doing casual labour work. Imtiazbhai lives in a nuclear family. There are total 05 (five) members in his family.

In FY 2023-24 Mangrove Plantation work was started by VIKAS Centre for Development organization in this village funded by *Make My Trip Foundation*. In this work, Imtiaz Sadikbhai Vat was appointed as the local site supervisor. Imtiazbhai and his wife both worked in the Mangrove Plantation activity and earned Rs. 84,425/- for this year. From this income, Imtiazbhai bought a bike worth Rs. 10,000. His family is now able to eat healthy two square meals, daily.

Thus, during the year, Imtiazbhai's family was able to improve their financial condition by joining the mangrove plantation activity.





Case Study-2

Name: Melsangbhai Shankarbhai Rathod

Age : 43 years

Education: 2nd standard

Village : Asarsa, Taluka - Jambusar, District :Bharuch

Members in Family : 05 (Five)

I am Melsangbhai Rathod. In my family we are husband, wife and our 03 daughters. We have no cultivable land. We live in a Navinagri area of Rathod Vas. In our village we get agriculture labour work only for 02 months during the year i.e one month in monsoon and one month in winter. Other months we remain unemployed. For employment, we have to go to other villages or to Saurashtra for casual labor work. Due to the salinity of the sea, there is a severe shortage of fodder in the land, so even animal husbandry is not possible in our village.

During this year Mangrove Plantation work was initiated on the coast of Devla village by the VIKAS Centre for Development Organization funded by Make My Trip Foundation. My family joined the work and we earned Rs. 72,800/-as labour. Now our family is getting two square healthy meals, daily.

My daughter's marriage is scheduled in May. The expenses for daughter's marriage is Rs.42,000/-. I will be able to get my daughter married because of the income from the mangrove plantation work. So I am grateful and thankful to God.





Photographs

❖ **Taking out the Plants from the Nursery for Plantation Work.**



❖ Movement of Nursery Plants to Plantation site







❖ **Mangrove Plantation Activity**





❖ VIKAS Team Site Visit





MMTF Team visit in February 2024

