

# Offsetting Carbon Footprints in Southern Rajasthan

Quarter 2 Report

April – June 2022





## Executive Summary

MakeMyTrip Foundation is supporting Seva Mandir to undertake afforestation activities and offset carbon footprints. During this year, 1,00,000 saplings [40,000 (of which 8,330 saplings are already planted in the previous year) + 60,000] are targeted to be planted in the rural and tribal areas in Udaipur and Rajsamand districts of southern Rajasthan.

## Progress so far

### 1. Status of Plantation Sites:

A field survey was undertaken to identify sites of common pastureland in the operational area of Seva Mandir. Field team consulted local village institutions and PRIs i.e., Gram Panchayat for selection of the sites. The respective Gram Panchayat provided non-objection certificate (NoC) to the village institution i.e. Gram Vikas Samooh, for protection and regeneration of commons pastureland through afforestation measures. A technical survey was conducted of the sites for estimation of physical activities like pit digging, soil-water conservation measures, protection wall, GPS survey, etc. Village meetings were conducted involving community and Gram Vikas Samooh to engage local people as wage laborer for completing physical work estimated for the selected sites. Total thirteen sites have been selected during the 2nd Quarter of the project. Thus total 22 sites of pastureland have been covered till reporting period for the plantation under the project. Details of block-wise selected sites are as below:

**Table 1:**

S. No.	Name of District	Name of Block	No. of Sites	Area (Approx in Ha)	Pit digging Status (Target saplings)	Remarks
1	Udaipur	Kherwara	7	79	27,800	- Physical works like Loose-stone protection wall construction and Soil-Water conservation has been completed.
2		Rishabhdeo	3	74	18,990	
3		Kotra	1	7	2,000	
4		Girwa	1	7	2,500	
5		Badgaon	2	70	18,750	
6		Jhadol	1	17	6,800	
7	Rajsamand	Kankroli	1	19	4,000	- Pit digging work has been completed.
8		Kumbhalgarh	6	77	11,050	
		<b>Total</b>	<b>22</b>	<b>350</b>	<b>91,890</b>	- Assisted vegetative measures like direct tree seeding, etc. is under progress.  - Plantation work is under progress at almost all sites.  - The required seedlings of

					<p>selected species have been explored at forest nurseries.</p> <p>- Total area covered approx 350 hectare which is protected through above activities.</p>
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**Site completed for plantation**



**Nursery saplings reserved for plantation**



**On-going pit digging work**



**On-site orientation- Plantation**

**2. Protection of the Site:**

The above selected sites have been protected by loose-stone protection wall. A total area of approx 347 ha of pastureland has been covered for protection and its restoration through vegetative measures. The protection wall is also being strengthened through vegetative live fencing and put over thorny bushes. The efforts of social fencing were made to mobilize local community through Gram Vikas Samooh.



**Completed loose-stone protection wall**

### 3. Capacity Building Events:

To enhance the capacity of the community and the field teams, different programmes of orientation, trainings, meetings, etc. were conducted at the field level, the details of which are:

**Table 2:**

S. No.	Date	Place	Details of Programme	Number of participants
1	24/04/22	Lathela	<ul style="list-style-type: none"> <li>Community meetings for planning and implementation of physical works like pit digging, physical fencing, etc.</li> <li>On-site training for plantation at the site</li> </ul>	19
2	20/05/22	Rod ka Guda		23
3	18/06/22	Kaya	<ul style="list-style-type: none"> <li>Orientation of field team for plantation updates data collection from the field.</li> <li>Pre-plantation preparation and planning for assisted vegetative measures, landscape plan, nursery sourcing, etc.</li> </ul>	17
4	23/06/22	Khuntwada	<ul style="list-style-type: none"> <li>Orientation of village community for protection management of common pastureland.</li> <li>On-site training for plantation and assisted vegetative measures.</li> </ul>	19





**Community meeting- Rod ka Guda**



**Community meeting- Lathela**



**Pit digging training- Shobhawato Ki Bhagal**



**Pit digging training- Shobhawato Ki Bhagal**

#### **4. Impact study- CO2 sequestration and Biodiversity assessment:**

A study is planned to assess the impact of afforestation measures in southern Rajasthan in the past 10 years. The study will cover CO2 sequestration measurement, assessment of bio-diversity and understanding socio-economic aspects of afforestation measures. Request for Proposal (RFP) has been shared with the selected technical agencies and it is under progress.

#### **5. GIFT-a-Tree project:**

The Gift-A-Tree project is based on a Tree Gifting app supported by MakeMyTrip Foundation and implemented by Seva Mandir. The Tree gifting app has been developed for Indian Citizens who wish to gift a tree on their life events e.g., Anniversary, Birthday, etc. A separate pilot programme is developed for funding plantation in existing operational area of Seva Mandir. The targeted numbers of saplings are 500. The plantation will take place in selected two villages i.e. Pareda and Shishvi of the Udaipur district. Approx 10-15 farmers will plant saplings on their land In each village. The number of saplings per farmer will be approx. 40, depending on the land availability. The native species (15-20) of the plants will be a combination of Agro-Horti and Agro-Forestry trees, based on farmer's land type and their needs.

## 6. Outlook Media visit:

A media team from Outlook visited, to document currently on-going and older sites where plantations have been completed through MakemyTrip Foundation. Meeting with community members and village institutions have been organized to understand social process to implement plantation activities. The village Khuntwada was selected to fulfill purpose of the visit to document both social and technical aspects of plantation activities by the media team. The individual discussion was also held followed by plantation site visit of pastureland.

## 7. Key Point Indicators –2<sup>nd</sup> Quarter:

S.N.	Key Project Indicators	Unit	2022			
			Achieved 1 <sup>st</sup> Quarter	Planning 2 <sup>nd</sup> Quarter	Achieved 2nd Quarter	2022 OverallTarget
1	Survey & site selection	Hectares	108	242	242	350*
2	Area of sites protected	Hectares	108	242	242	350*
3	Soil-water conservation work	Hectares	0	100	105	190*
4	No. of saplings planted	Numbers	0	0	0	92,000**
5	No. of capacity building programmes conducted	Numbers	2	2	4	8

\* Target revised as per the additional 60,000 plantation.

\*\* 32,000 + additional 60,000 plants = 92,000

## 8. Plan for 3<sup>rd</sup> Quarter:

- a. Liaison with forest department nurseries to make available species-wise saplings, required at each selected site.
- b. Complete the site specific ecological plantation and other assisted vegetative measures at selected plantation site as per landscape plan.
- c. Exploring plant seedlings of selected species and procuring, transport, etc. at the site.
- d. Repairing and maintenance of loose-stone protection wall, live fencing, etc.
- e. Execute Field training and regular meetings with local community, village institutions, PRIs and field team on implementation of project activities and protection management of plantation sites of the common pastureland.
- f. Initiate weeding-hoeing activity for growth of planted seedlings.

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