



# Afforestation Project Report 2023-24

Funded by- TMLBSL & TML

Implemented By- TERRE Policy Centre

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Technology, Education, Research and Rehabilitation for the Environment  
Leading platform for development through Alternate Path

Registration No.:- E5523

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## Afforestation Project 2023-24

### Introduction-

Tree-planting is the process of transplanting tree seedlings, generally for forestry, land reclamation, or landscaping purpose. **TERRE Policy Centre** and **TATA Motors Ltd.** are working together towards a greener and better environment of Pune city under the expert guidance of Dr. Vinitaa Apte – Founder & Director of TERRE Policy Centre. This year **TATA Motors** taken a step forward with its subsidiary company **TMLBSL** to protect environment. TERRE's mission is to provide credible information, straight answers and innovative solutions in the effort to address global environmental issues like Climate Change, Ozone Layer Protection, Toxic Chemicals and Biodiversity. Forest are the foremost source for producing oxygen in the environment, they also help to reduce the level of CO<sub>2</sub> From the atmosphere, as we all know that the whole world is facing the problem of global warming and to recover from such a problem planting the trees is become one of the most important aspects nowadays.

Planting more trees helps to maintain healthy soils and humidity levels in the air around the world. It begins when trees regulate the water cycle. Trees absorb air and transfers back into the atmosphere, effectively filtering and controlling the levels of humidity wherever they are.

As an attempt to reduce environmental issues like Climate Change, Ozone Layer Protection, Toxic Chemicals and Biodiversity **TERRE Policy Centre** & its esteemed CSR partner **TMLBSL & TATA Motors Ltd.** initiated afforestation project on the 06<sup>th</sup> day of July 20223 at village Kodit (Kh.), Tal- Purandar, Dist- Pune. TATA Motors Ltd. & TERRE Policy Centre is working together for environment & its conservation since past decade. Till date more than three lakh trees were planted & maintained by TERRE across India, on barren land & converted into green oxygen producing zone.

## Project Site Location & Map-

**Village- Kodit (Kh.), Tal- Purandar, Dist- Pune. (Lat. & Long)**

[Click Here](#)



**Kodit (Kh.) Plantation Area highlighted with orange boundary (Google Image)**

## Plantation Details-

Plantation of total 20000 plants has been done on 52 acres of land (Workable area). Plants of 8- 10 feet height with bag size of 15\*16 inches are planted in 60\*60\*60cm pits at Kodit site. Total plantation process, initially from site survey, pits digging & Preparation; plants receipt at site, actual plantation was completed in period of June to August 2023. Fruit bearing species like kesar mango, tamrind, jackfruit, custard apple, jamun, lemon, coconut, amla and non-fruit bearing species Karanj, pimpal, shisam, kadamb, kanchan, mahogany, tamhan, bamboo etc. are planted over the area.

The actual plantation site is availed with appropriate water source, pipe line network all over the site, electricity and security facility.

Total plantation of 20000 was completed by involving manpower from rural area as well as with the help of volunteers of TML & TMLBSL. Local community involvement leads to income opportunities for them as well as sustainable income sources.

### Project Activities Timeline -

Sr.No	Activity	Schedule	Status
1	Site Survey & NOC from Grampanchyat	20 <sup>th</sup> June to 5 <sup>th</sup> July 23	Successfully completed
2	Preparation & Pits Digging	July to August	Successfully completed
3	Plants Procurement & unload @ site	July to August	Successfully completed
4	Actual Planation	July to August	Successfully completed
5	Barbed wire compound	September	Successfully Completed
6	Initial Watering	September & October	Initiated

### List of Species planted at Site-

Species Name	Scientific Name
Shisu	<i>Dalbergia sissoo</i>
Bakul	<i>Mimusops elengi</i>
Kanchan	<i>Bauhinia variegata</i>
Badam	<i>Terminalia catappa</i>
Jamun	<i>Syzygium cumini</i>
Bamboo (Balcoa)	<i>Bambusa balcoa</i>
Pimpal	<i>Ficus religiosa</i>
Mahogany	<i>Swietenia macrophylla</i>
Kadamb	<i>Neolamarckia cadamba</i>
Lemon	<i>Citrus limon</i>
Guava	<i>Psidium guajava</i>
Tamrind	<i>Tamarindus indica</i>
Mango	<i>Mangifera indica</i>
Sitaphal	<i>Annona squamosa</i>
Coconut	<i>Cocos nucifera</i>
Jackfruit	<i>Artocarpus heterophyllus</i>
Amla	<i>Phyllanthus emblica</i>

SDG Addressed- SDG 13 & 15

## Glimpses of activities –

### 1) Site Survey –



IMG: Initial Survey of site



## 2) Pits Digging & Preparation



IMG: Site after pits digging completion



### 3) Actual Plantation & Volunteering-





**3) Barbed wire fencing & Safety Gates-**

