



Annual Program Report

Project Green Deccan

Andhra Pradesh

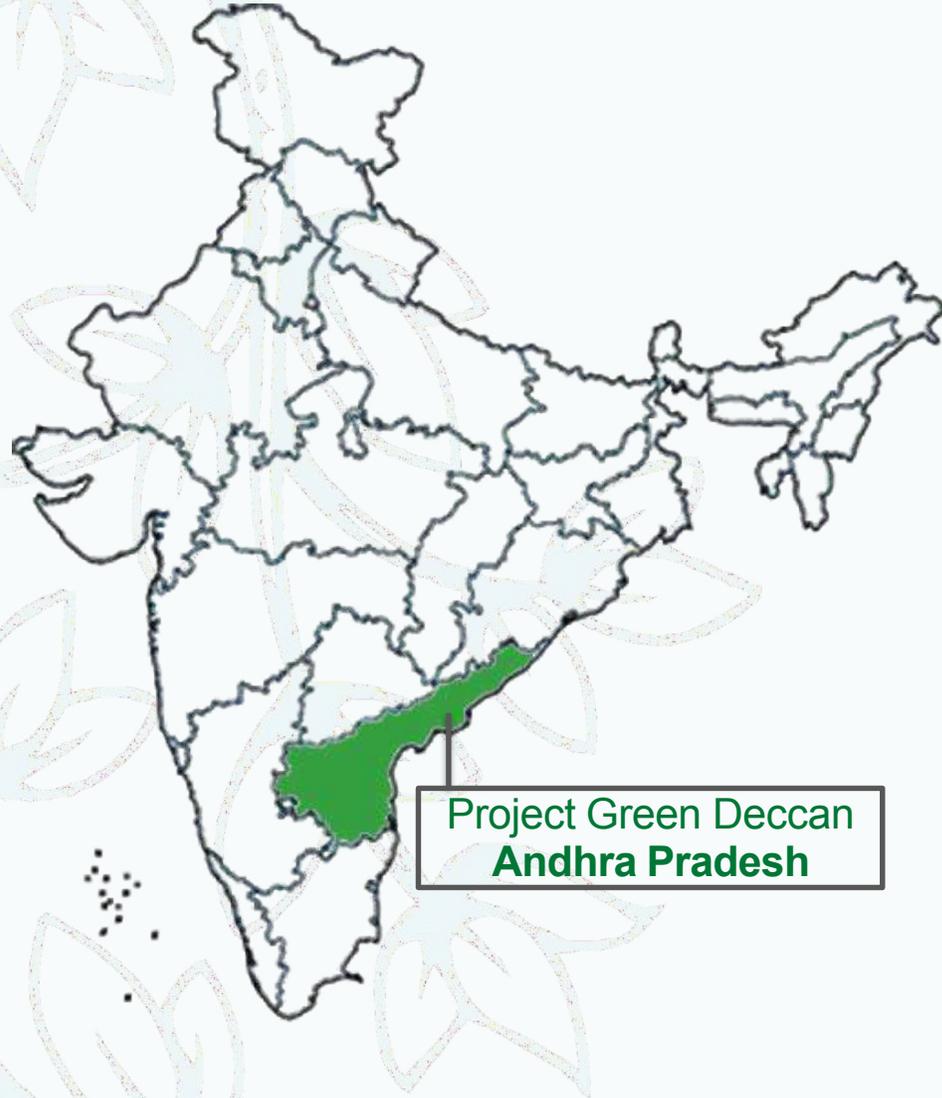
2019-2020

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Introduction



- **Andhra Pradesh**, the seventh-largest state in the country is also known as the “**Rice Bowl of India**”. With the topography of the Eastern Ghats, and the shores of Bay of Bengal, the state houses a rich and diverse ecosystem.
- One of India’s biggest producers of eggs, Andhra Pradesh is also known as the “**Egg Bowl of Asia**”. **60%** of the state’s population is actively engaged in agriculture and related activities.
- Although four major rivers, Godavari, Krishna, Penna, and Tungabhadra, flow in the state, the farmers highly depend on monsoon rains for crop irrigation due to the seasonal nature of these rivers.
- The plantation of fruit-bearing saplings in Andhra Pradesh will help transform the **semi-arid climate** of the state alongside helping the farmers boost their income and better their livelihoods.

The Beginning

- Project Green Deccan was initiated in the year **2017** with a mission to overcome the agrarian crisis in **Anantapur district** which is one of the places to witness several droughts since 2014.
- In recent decades, the region has witnessed a decrease in monsoon rains, leading to the drying up of the rivers. As a result, the farmers struggled for proper irrigation of the crops leading to crop failure.
- In order to help the farmers secure a stable income, SankalpTaru Foundation introduced '**Project Green Deccan**' by following inter-cropping (planting fruit-bearing saplings alongside major crops) which would require significantly less water and upkeep compared to traditionally planted crops.



The Challenges



- **Uncertain rainfall** patterns poses a tough time in plantation of the saplings and their survival. The state witnessed 32% less rainfall than average during June 2018 to March 2019, which was a huge setback for the team in ensuring the survival of the saplings.
- The **lack of nutrients in the Red Soil** present in the state act as an extremely huge challenge in selecting the species for plantation.
- The team must analyze a monthly, even a quarterly weather forecast to plan the pre-plantation, plantation, and post-plantation activities.
- The operational team receives many queries from farmers who are apprehensive about the success rate of plantations on their fields. To prepare them for work, the team gives technical inputs and conduct various awareness workshops with farmers during farmer survey and beneficiary identification phase.

The Story Today

- The project has come a long way since its launch because of the trees you donated.
- A total of **12500** trees have been planted in **2019** and the farmer beneficiaries have seen an increase in their income. There has also been an increase in the green patches in the state.
- The Foundation's vision about **agroforestry**, of mixing and balancing agricultural practices with **traditional cropping and horticultural farming** is shielding farmers from the risks of weather uncertainty and boosting their livelihoods. Seeing the success of many early mover farmers, more farmers are now showing an interest to be a part of the program.



The Story Today



IMPACT IN 2020

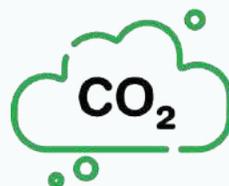
Number of trees planted		12500
Number of beneficiaries impacted		30
Survival Rate		95%

The Story Today

The impact of **12500** trees planted by our green patrons like you:



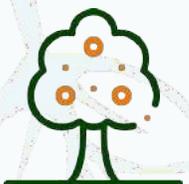
Oxygen Produced
97,34,086.20kgs



Carbon-di-oxide Sequestered
50,78,653.67 kgs



Total increase in groundwater depth
24.47 feet



Fruit Production
3,62,500 kg/season



Economic Value for Farmers
INR 2,17,50,000/- per season



Area Greened
37.06 acres

- * The above data has been given for **12500** trees planted under Rural Livelihood Support Program in Andhra Pradesh for 20 years.
- * After 3 years, the average fruit produced from one tree in one season is taken to be 29 kgs.
- * The average cost of fruits is taken to be 60 INR.

Testimonial from the Ground

This is a story of a diligent farmer **Mr. Uday** from Kanasavaripalli village of Andhra Pradesh who is one of the farmer beneficiaries of SankalpTaru Foundation on whose land the SankalpTaru Team planted **493 Mango** saplings in 2019.



He says, **Kanasvaripalli** is a backward village with a shortage of services and employment opportunities for the residents. With the lack of knowledge and resources available in such a remote place, my struggles to produce high quality mangoes and reap a sustainable income from the produce came to an end when the SankalpTaru team registered me as their farmer beneficiary and offered to plant mango saplings on my land. The team surveyed my land to find out the characteristics of the soil and discussed with me several options that would help me to have good economic returns from my produce. The team also taught me ways to reduce extra expenditure by applying the concepts of organic farming. Looking at the growth of these trees on my farm, other local farmers who were also struggling financially have started to ask me how I could bring such a huge transformation on my land. I guided them to the process of approaching SankalpTaru Foundation. Now, even my fellow farmers are getting benefited by the genuine efforts of this organization and so on the behalf of all of them I would want to extend my warmest gratitude to SankalpTaru Foundation and their donors for expanding their operations in my village under **Project Green Deccan.**”

On-Ground Pictures



MOHAMMAD



RAFIQ BASHA



SURYANARAYANA

On-Ground Pictures



NAGASHEKHAR



MADHAVI



RAMACHANDRA

The Way Forward

- With your continued support and trust, we are sure that this green journey won't stop here. The Foundation aims to progress the project by increasing the state's **green cover**, the **number of beneficiaries**, and showing them a **sustainable way of earning their livelihood**.
- We have received requests from the farmers for the extension of the project to their areas and to help them become climate resilient. Certainly, it would be a delight to watch your contributions mitigating the risks of crop failures by planting fruit-bearing trees on the lands of farmers, increasing the green cover as well.



Plant more trees in West Bengal under
PROJECT GREEN DECCAN

<https://sankalptaru.org/project-green-deccan/>



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