

PROJECT SABUJA ODISHA

A green initiative in Odisha by SankalpTaru Foundation



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**PROJECT
UPDATE
REPORT
2021**

CONTENTS

- ◆ **Introduction**
- ◆ **The Beginning**
- ◆ **The Challenges**
- ◆ **The Story Today**
- ◆ **On-Ground Report**
- ◆ **Update Pictures**
- ◆ **The Way Forward**
- ◆ **Get in Touch**

INTRODUCTION

Odisha is a coastal state along the Bay of Bengal and it makes up for a wide range of vegetation such as semi-evergreen, deciduous, tidal mangroves as well as bamboo forests.

- Every time someone has planted a tree with SankalpTaru Foundation, a belief has been planted in the hope to make an impact on the natural world as well as the livelihoods of farmers in Odisha.
- Agriculture is the leading occupation in Odisha and monocropping is practiced by most of the farmers. Since the market linkages are weak, farmers grow scanty, consumable produce.
- The agricultural economy in Odisha is greatly dependent on monsoons, and to exacerbate the situation- the erratic weather conditions often lead to crop failures. Possessing medicinal and economic traits, the vegetation of Odisha seeks sustainable support and cyclic growth.

Extremely severe cyclone Fani hit the Odisha coast in Puri on 3rd May 2019 with a wind speed of around 175 Kmph. It affected a total of 18,168 villages in 14 districts. About 36% of the total population of Odisha was affected by the cyclone, and summer crops, orchards, and plantations were reportedly destroyed on a large scale.

- To mitigate the effects of the cyclone Fani, SankalpTaru Foundation initiated the Rural Livelihood Support program by planting fruit-bearing trees in Odisha and strengthening the livelihoods of rural farmers, promoting women empowerment, alleviating poverty, and adding greenery to most arid and degraded lands.
- By growing trees alongside crops, Indian farmers are boosting incomes while saving the environment. Agroforestry has been hailed as one of the top solutions to climate change in Odisha.
- Diversifying the forests and restoring the lost biodiversity is not only what is achieved by your tree plantations but ensured food security for the nation and strengthened livelihood of farmers is also cultivated.



THE BEGINNING



- SankalpTaru Foundation launched Project Sabuja Odisha in June 2019 in pursuit of alleviating the impact of cyclone Fani; to tackle the worries of farmers and help resolve and rebuild their determination.
- Displaying a varied forest wealth, the land stores a variety of fruits. Bountiful yields were generated with generous contributions. To demonstrate the tenacity, SankalpTaru decided to support the farmers by planting Cashew Nut saplings on their lands, thereby helping them to compensate for the loss due to the disaster, along with acting as an additional source of income for them.
- Your planted contributions help ward off soil erosion and reduce pollution in the state.

THE CHALLENGES

- Odisha's agricultural economy is highly dependent on monsoons.
- SankalpTaru Foundation team and their farmers withstand tough times in plantations due to erratic weather patterns such as droughts and torrential rains.
- The team must analyze a monthly, even a quarterly weather forecast to plan pre-plantation, plantation, and post-plantation activities.
- Alarmed by the sporadic success rate of their own produce, the farmers tend to express their doubts to the operational team. To appease our collaborative workforce, technical inputs and awareness workshops are conducted during farmer survey and identification phases.



THE STORY TODAY

- The project has come a long way since its launch because of the trees you donated.
- A great deal of surge in reinstating the wild-green spaces has been observed with a count of 6000 tree plantations to date and this has turned into a propitious monetary bargain for the farmers as well.
- The Foundation's vision encircling agroforestry; i.e. of mixing and balancing agricultural practices with traditional cropping and horticultural farming is shielding farmers from the risks around weather uncertainty, thereby upheaving their livelihoods. Witnessing the success of many early-mover farmers, a burgeoning interest is being seen in new farmers becoming a part of the program.

IMPACT OF TREES PLANTED IN 2019 AND 2020

The impact of 6000 trees planted by our green patrons like you:



PLANTATION DETAILS:

NUMBER OF TREES PLANTED (2019-21): 6000

NUMBER OF INDIVIDUALS AND VILLAGES IMPACTED: 12



17.1 kilo tonnes of CO₂ is the estimated sequestration for life span



32.9 kilo tonnes of O₂ is the estimated release for life span



266 million litres is the estimated total water absorbed



0.45 million is the estimated total no. of fruits produced per season



17 million rupees is the estimated economic value for farmers per season

* The average life span of each tree is taken to be 20 years

* Average farmer's price is taken to be 54

ON-GROUND REPORT

- Read the story of 1 out of 12 beneficiaries who have been positively impacted by your donation.

Mrs. Mira Dehaury, M/o Pratap Kumar Dehaury, a farmer family residing in Baniapada, Gondia which lies in the Dhenkanal district of Odisha, applauded SankalpTaru Foundation for providing cashew nut saplings to be planted on their farm. Her crops were destroyed in the wrath of Cyclone Fani. Thus, this assistance by our donors is providing her and many like her a livelihood as the soil in this region is favorable for the said nut seedlings. This shall lead to a good yield in the coming years thereby giving her an extra source of income and mitigating the risk of crop destruction.



THE WAY FORWARD

With your continued support and trust, the Foundation aims to increase the number of farmers under the ambit of Project Sabuja Odisha and show them a sustainable way of earning their livelihood. We have received requests from the farmers for the expansion of the project to their areas and to help them become climate-resilient. The SankalpTaru Foundation team intends to continue to mitigate the risks of crop failures by planting fruit-bearing trees on the lands of farmers, to assist them to thrive.







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