Huynh Bich Thuy, Manager of the orphanage and association employee

**TU BÔNG PLANTING PROJECT KHANH HOA PROVINCE, VIETNAM** PROGRESS AND FINAL REPORT 2022 Partner: ACCOR Group

Van Phuoc Welfare Unit

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Association

# TU BÔNG PROJECT, VIETNAM

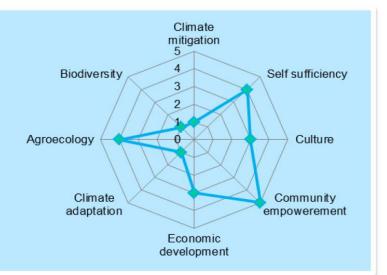
# Context and objectives





#### **MAIN THEMES**

- Reduce soil erosion and drought issues that affect local farmers;
- Increase the resilience of small-scale rice farmers by securing agricultural yields and developing additional new sources of incomes (fruits, timber);
- Fight against the local deforestation;



#### SPECIFIC CONTEXT

Due to the deforestation of mountainous areas in Khanh Hoa Province, soil erosion has brought a lot of sands to rice fields and caused serious droughts. As 80% of the villagers cultivate rice for a living, it has become a necessity to take action to preserve agricultural yields.

The plantation of trees along the rice fields and in deforested areas will help to preserve water resources and bring back a local biodiversity, while preventing sand shifts and helping farmers to continue to live from their traditional rice cultivation.



# PROGRESS AND FINAL REPORT TU BÔNG, VIETNAM

# 1. KEY INFORMATION

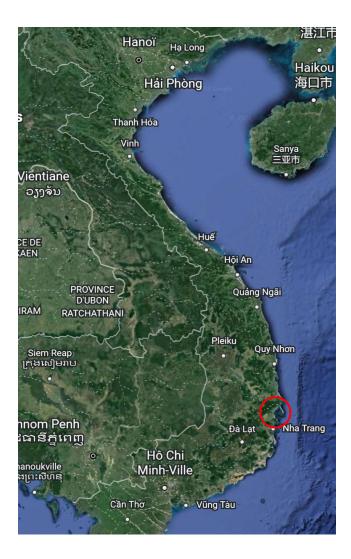
# 2. ACHIEVEMENTS JAN-DEC 2022

# **3- PICTURES**



## LOCATION

### Tu bông village, Khanh Hoa province, Vietnam





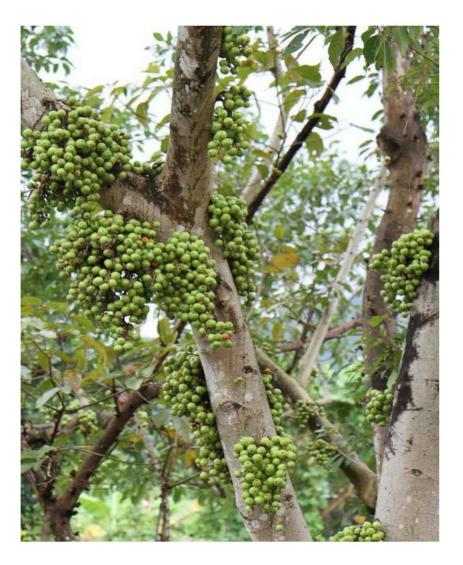
- Tu Bong Village is located in Van Phuoc commune, Van Ninh district, Khanh Hoa province.
- Due to the deforestation of hillsides in the region, soil erosion has brought a lot of sands to rice fields and caused serious droughts.
- As 80% of the villagers cultivate rice for a living, it has become a necessity to take action to preserve agricultural yields.



# SPECIFIC OBJECTIVES

#### Securing the agricultural yields small-scale rice farmer

- Reducing erosion and sand shifts that seriously affect rice cultures;
- Raising awareness on sustainable agricultural practices: reducing slash and burn, preserving forests, using environmental services provided by trees for improved rice cultivation (organic fertilizer, pest control, water regulation, biodiversity...)
- Diversifying the production of healthy local food with fruits for villagers, in particular children;
- Adding new sources of income through the sales of timber and fruits;
- Creating links between villagers, children of the local welfare unit and partners through planting activities.





# PROGRESS AND FINAL REPORT TU BÔNG, VIETNAM

## 1. KEY INFORMATION

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## PLANTATION ACHIEVED

# 778 planted trees

	2022	TOTAL	Contract Contractor
Number of parcels	1	1	
Number of trees distributed	778	778	
Number of dead trees replaced	Ongoing in 2023	Ongoing in 2023	
% mortality (replaced trees)	Ongoing in 2023	Ongoing in 2023	
Surface aera	8'000 m2	8'000 m2	
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# PLANTATION ACHIEVED

# Tree species and mix

TREE SPECIE	LOCAL NAME	TOTAL TREES	
Psidium guajava	Guava - Goyavier	500	
Artocarpus heterophyllus	Jackfruit - Jacquier	100	
Annona muricata	Soursop - Corossolier	100	
Khaya senegalensis	Caïlcédrat - acajou du Sénégal	100	
TOTAL	With a nursery stock	800	





### Identification of plantation site

This plantation (2022) is on a single plot to the east of pagoda.

N 12°48'161 E 109°19'303





### Plantation in the mountain

778 trees were planted at the base of the mountain near the pagoda and the village

The trees were planted on the slope of the mountain to reduce erosion problems





## Transport of the seedings

Villagers have to carry the seedings on their back to the plantation site





# Transport of the seedings

Discussions and field training are led with villagers to involve them in the project for sustainability of the plantations.











# PROGRESS AND FINAL REPORT TU BÔNG, VIETNAM

## 1. KEY INFORMATION

# 2. ACHIEVEMENTS JAN-DEC 2022

# **3- PICTURES**









#### Day 2

Continuation of planting and installation of irrigation with 20 liters bottles of water







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Lausanne, November 15th 2023

