

2021 & 2022 Progress

Baselining 001-OxC

History of [Yagasu](#) (Yayasan Gajah Sumatera)



Yagasu is an Indonesian Foundation (NGO) with over 22 years of practical experience in land-based climate action. They worked in restoring the coast of North Sumatra after the 2004 tsunami.

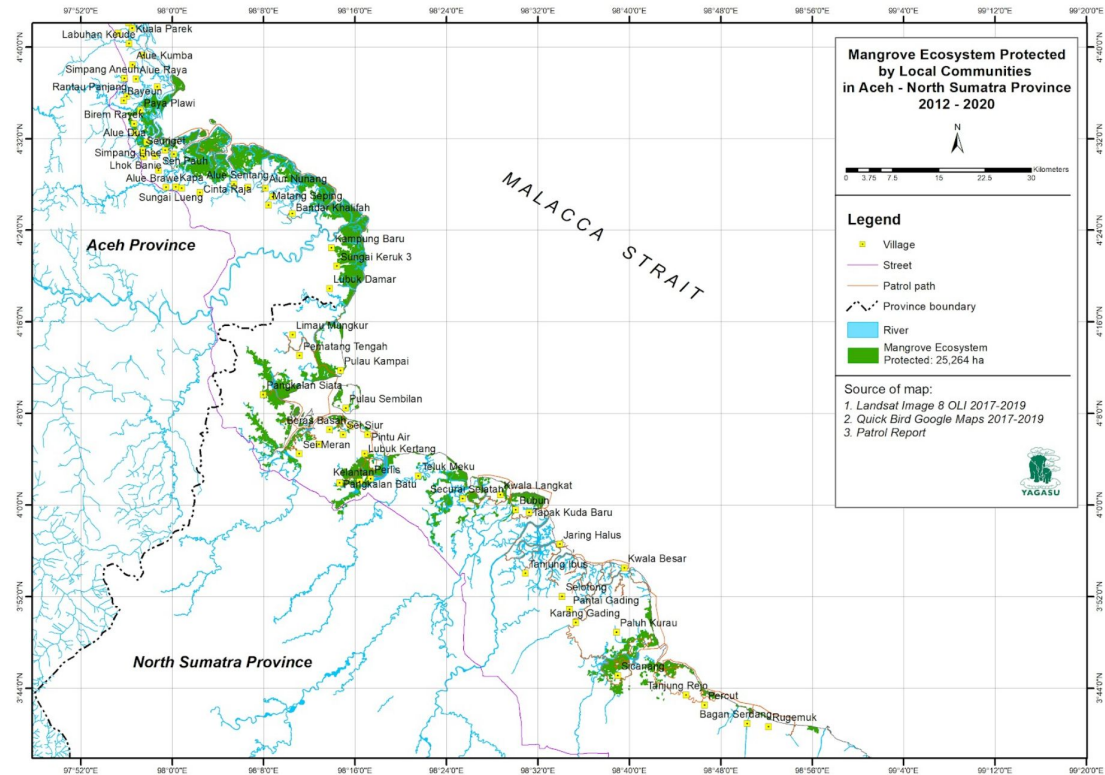
They have worked with Livelihoods Carbon Fund (LCF), Between 2011 and 2014, Livelihoods-Yagasu project helped plant 18 million mangrove seedlings on 5,000 hectares to rebuild a natural mangrove barrier, registered with [Verra](#), that is essential to maintain life in these fragile areas, see this [report](#) from the WWF organization, UK.



Q1- 2021

- **Due diligence and pre-Feasibility studies with Yagasu.**

- GMT represented by Dr. Ryan Merrill had several e-meetings with Yagasu to start a pre-feasibility and capacity studies for initiating a conservation and restoration project in North Sumatra. Yagasu had a reputable achievements in restoring the coast of North Sumatra and Aceh provinces after the 2004 Tsunami, funded by many worldwide organisations and governments.



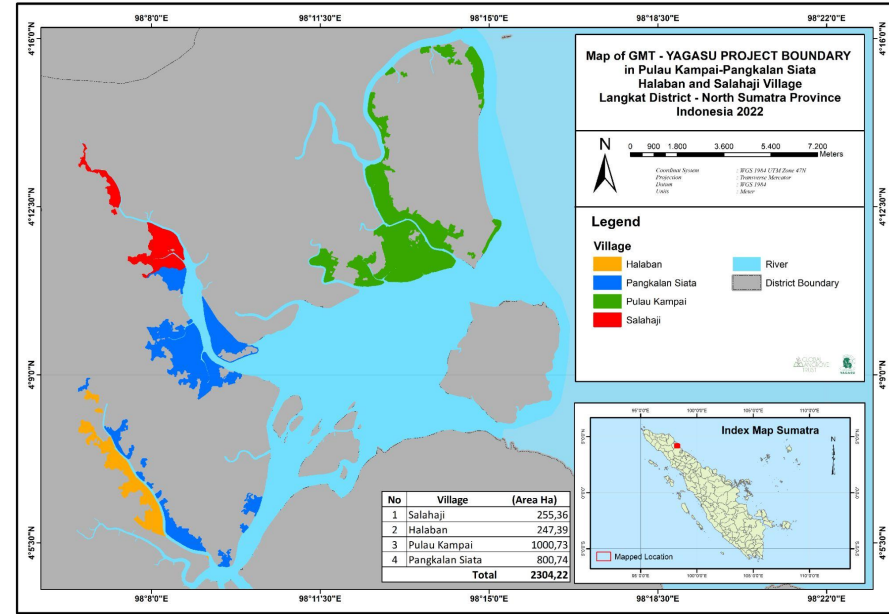
Q2-2021

- **Feasibility and Pre-Baseline.**

- Several E-meetings with Yagasu to select the 001-OxC Project lands as the initiation of the scale-up blue corridor in North Sumatra and Aceh provinces. Maps and ground studies had been performed, ended by selecting 2304.22 ha as the 001-OxC project land covering 4 villages namely Pulau Kampai, Pangkalan Siata, Halaban, and Salahaji villages, in Langkat District, North Sumatra Province, Indonesia.

- **Review Provisional MOUs with:**

- Pangkalan Siata
- Pulau Kampai



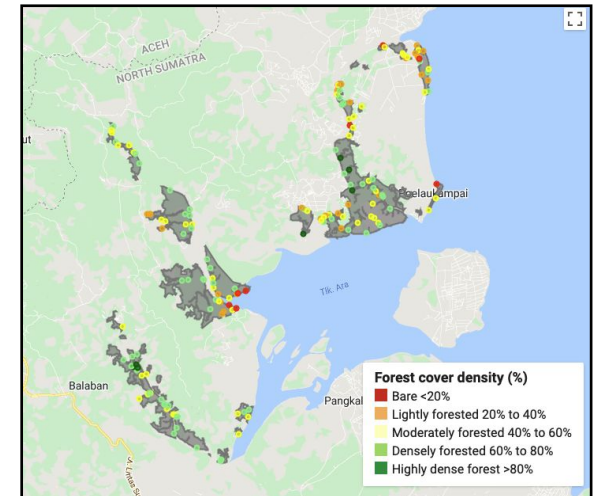
Q3-2021 & Q4-2021

- **001-OxC Baseline Activities:**
- **1. Signing Revised MOUs:** with the head of each of four villages (July to September 2021)
 - Pulau Kampai: Amir Husin - 05/07/2021 - 1035.76 ha
 - Halaban: Tamaruddin, S.Ag. - 03/09/2021 - 252.51 ha
 - Salahaji: Mahyni - 20/08/2021 - 257.67 ha
 - Pangkalan Siata: Muhamad Yusuf - 03/09/2021 - 876.88 ha



Q3-2021 & Q4-2021

- **Carbon Study & Field Inventories:** 118 Plots in the four villages (August to November 2021).
 - Collecting Soil samples to measure the ground carbon sequestration, and performing trees inventories measurements such as (height, DBH, species, etc) for the Kacsat carbon sequestration estimation engine.





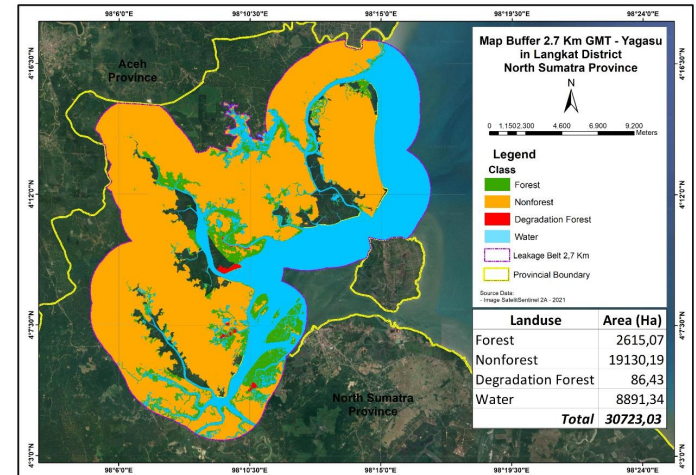
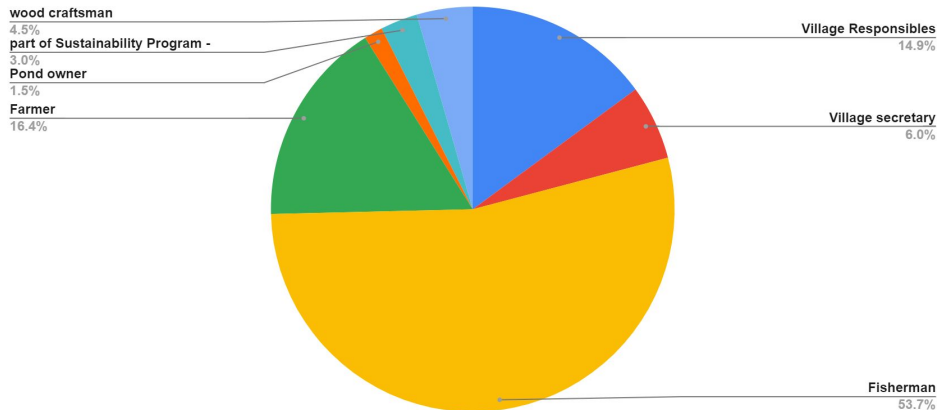
Q1-2022

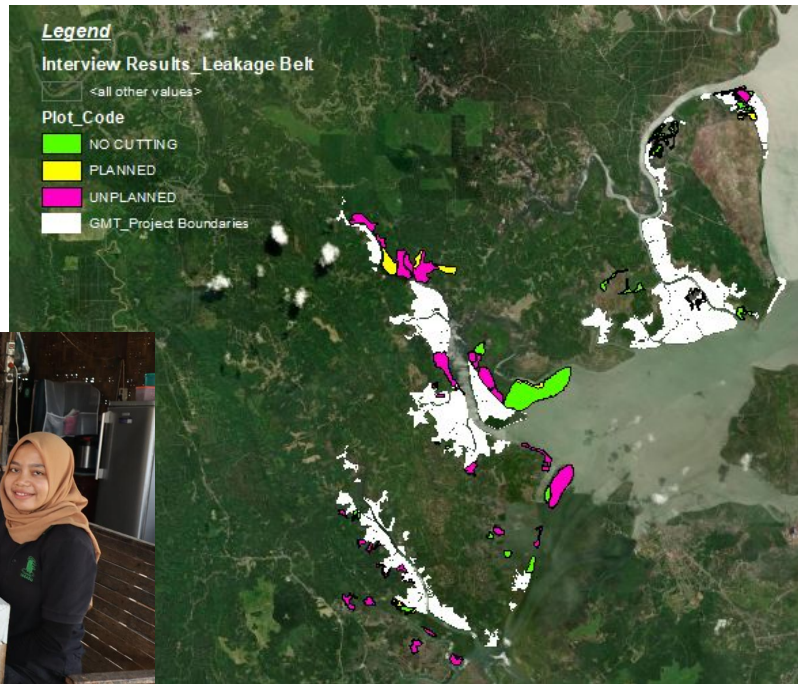
- **Additional Field Inventories:** 25 High dence Plots in Pulau Kampai village (February and March 2022).
 - Performing trees inventories for a selected 25 plots to strengthen the measured carbon sequestrations in the first round.



- **Leakage Belt Study & Agreements Legal work: May and June 2022.**
 - GMT and Yagasu designed interview sessions with the Local Experts in the 001-OxC registered villages. Yagasu survey team Interviewed Experts to know the condition of the forest and to identify the possible planned and unplanned inside the leakage belt areas.
 - GMT and Hogan Lovells International worked together to design the project's long-term developer agreement with Yagasu, besides engaging Yagasu in designing the communities MOUs.

Analysis of Leakage Belt Experts - Interviewed in June 2022





- **Mangrove Nurseries (48,000 Mangrove seedlings) : August 2022 till January 2023.**
 - The 001-OxC first nursery was established in August of 2022 in Pangkalan Siata near locals' homes so as to be easily monitored. Local villagers are employed in collecting seeds and preparing seedlings in the nurseries. Saplings and propagules are raised in the nursery for a minimum of 3 months.



Q4-2022

- **Signing 5-years Developer Agreement with Yagasu.**
 - GMT set a 5 years budget for the implementation of the 001-OxC Conservation and Restoration activities in the four villages. Which included Patrols activities, Women Lead IGA activities and workshops, Silvofishery, EcoTourism, and Village regulations workshops to protect the mangrove areas in these four villages.





Project Funding Report Q121 - Q422

| Date | Agreement Name | Description | Invoice Amount (USD) |
|-----------|---|---|----------------------|
| 14-Jun-21 | GMT Yagasu Mangrove Conservation Study Agreement Phase 1 | Payment 1 transferred within 10 days on signing the agreement | \$ 3,000.00 |
| 8-Sep-21 | | Payment 2 to transfer within 10 days delivery of both village MoUs | \$ 4,500.00 |
| 5-Oct-21 | | Payment 3 on completion of first forest inventory | \$ 5,000.00 |
| 11-Nov-21 | | Project supplement / additional funding for conservation study | \$ 10,000.00 |
| 14-Feb-22 | | Payment 3 on completion of first forest inventory | \$ 7,500.00 |
| 23-Feb-22 | Service Agreement for Mangrove Project Scoping in North Sumatra | Payment 1 (50%) within 10 days of signing the agreement | \$ 3,250.00 |
| 30-Mar-22 | | Payment 2 (50%) on completion of the Project Registration of the blue carbon conservation project at Salahaji, Halaban, Pangkalan Siata, and Pulau Kampai villages. | \$ 3,250.00 |
| 17-Nov-22 | Service Agreement for Mangrove Forest Inventories for Service Agreement for Mangrove Forest Inventories for 001-OxC | Service Agreement for Mangrove Forest Inventories for 001-OxC: First Payment | \$ 17,000.00 |
| 21-Nov-22 | Q4-2022 Project Activities - First Payment | Quarterly Budget for Designed Project Activities, including: <ul style="list-style-type: none"> - Ensuring the Implementation of the Designed Activities; - Managing and maintaining the quality of the training sessions for patrol groups, women-led income generation activities etc. - Reporting to GMT due progress in the field quarterly | \$ 7,380.00 |