

Stiftunglife Projekt „Bäume pflanzen plus“ Teak Plantation in Myanmar



Status: 21st July, 2023

Ansprechpartner: Ko Naing

Summary: Stiftunglife is planting teak trees in Rakhine State, Myanmar. Teak is a precious wood and used for furniture, so carbon is stored during a long time. The whole process from planning, planting, monitoring and harvesting is in our hands, managed by Ko Naing, local employee of Stiftunglife. Future earnings from teak wood sales for Stiftunglife will be reinvested in new plantations. This project has a positive impact on the CO2 balance and it provides work and income for local people. Teak takes around 25 years until the trees are ready for harvest. Our project therefore is long-term.

The project is a “Baum plus” project, meaning that a detailed monitoring of individual tree plantations is carried out: we plant the trees, cater for them regularly, re-plant if necessary, count and report on the plantation. The donors receive the exact Geodata of the plantation and a regular written report.

Location of Project	Linn Mhue Taung Village ,Thandwe Township, Rakhine State , Myanmar
Current Size of Plantation	2022 (date of planting June 8,2022): 2 Acres (ca. 8000 m2) with 1200 planted teak trees (600 planted teak trees per acre) 2023 date of planting July 2023: 3 acres Furthermore, Stiftunglife bought 1 acre that has already 5 to 7 years old teak trees on it
Geodata	2022 plantation: 18°29'20.4"N, 94°23'22.9"E (1 st 1 acre plot) 18°29'20.2"N, 94°23'20.9"E (2 nd 1 acre plot) 2023 plantation: Total 4 acres (2,400 trees) Location - 18.492686, 94.382716 - 18.492113, 94.38146 - 18.492621, 94.381207 - 18.493184, 94.38128
Plant species	Teak trees plus 20% mixed trees
Price per tree	7€
Harvest	25 Years after plantation

How teak trees are planted

First, bushes and small trees are removed - the plantation is in a hilly region. Then the bushes were chopped and burnt as the ash is the best fertilizer for the teak tree and can be left naturally. Next step is preparing for tree nursery. In the beginning of rainy season, the line spacing was done

and the trees were planted. Plantation does not have to be irrigated artificially because water is enough in rainy season and after the rainy season, there is no need for water - so plants can survive the whole year naturally. In any case, water resources are close to the plantation and whatever is needed can be brought easily. As for maintenance, the ground has to be cleaned a minimum of 2 to 3 times per year. Replantation is provided for if trees are not in good condition or do not grow. After 3 to 4 years we have to register at the Ministry of Forest for Legal project. So, we can harvest officially after 25 years. However, they will harvest around half of the trees already in 6 years, in order for the remaining trees to grow big and properly, this is the system of Teak Planting.

Legal Situation

Stiftunglife signed with the land owner a written contract with **Revenue Stamp** for 25 years. In this contract both sides have to follow the rules and regulations: Stiftunglife must finance the plants and the measures of care, and landowner has to look after the ground properly. Landowner also has to make sure that Land Title is correct and any necessary mix-up for within 25 years. After harvest time (25 years), we will share profits/earnings 50 % each, after deducting our investment costs.

Professional Advice

The land owner, our business partner, has worked in Ministry of Forest for almost 12 years. He has a lot of experience in Planting. And also, his father was a former staff of the Ministry of Agriculture. He is 70 years old and loves the trees. He is watching our project very carefully; it is not so far from his house. He goes there regularly.

Evaluation of the project

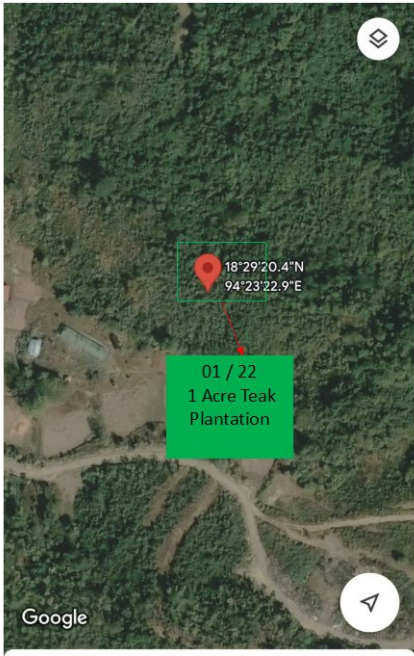
Close connection to land owner; Ko Naing visits plantation regularly; land already has some big trees on it; Rakhine State has enough rainfall; teak wood very valuable with good market price

Reinvestment of earnings

After 25 years we will harvest and can use our earnings for new plants/projects, so donation is „perpetuated“ and maximized.

Additionally : invest in older trees

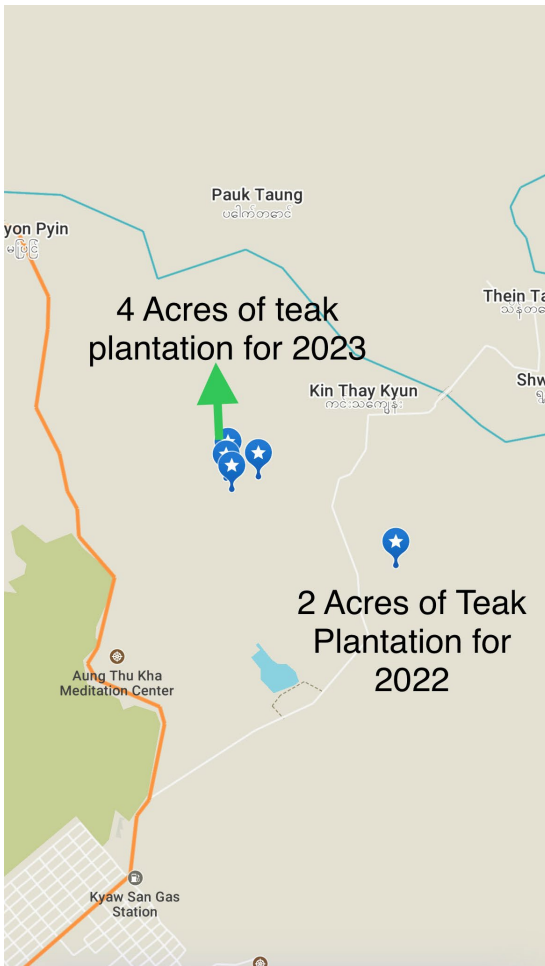
In addition to the plantation of new trees, Stiftunglife has invested, in 2023, in 4 acres of already 7 year old teak trees (Geodata: 18.414644, 94.383261).



18°29'20.4"N 94°23'22.9"E
18.489012, 94.389688



18°29'20.2"N 94°23'20.9"E
18.488941, 94.389129





visit on October 22nd, 2022, 4 months after plantation. Ko Naing: "Full of leaves 🙌. Some trees are almost 1 meter of height and leaves are almost 0.3 meter. All trees are surviving, and they are very well maintained."

visit on June 4th, 2023. Ko Naing: "Most of the trees are above the 4 feet (ca 1,20m). Some are little short but leaves are very big . After year by year all the trees will be same height. Very soon they will clean the heath ."

