

# Stiftunglife Projekt "Bäume pflanzen plus"

## Coffee Plantation in Myanmar



Status: 1.1.2023

Ansprechpartner: Khin San / Petra Reindl

**Summary:** Stiftunglife is planting coffee bushes and silk oak and macadamia nut trees in Pyin Oo Lwin area, Myanmar. The whole process from planning, planting, monitoring and harvesting is in our hands, managed by Khin San, local employee of Stiftunglife. Future earnings from coffee sales for Stiftunglife will be reinvested in new coffee plantations. This project has a positive impact on the CO2 balance and it provides work and income for local people. Coffee plants take around 4 to 5 years until they can be harvested for the first time.

The project is a "Bäume pflanzen 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 donor receives the exact Geodata of the plantation and a regular written report.

Location of project:	Saytalone Village, Pyin Oo Lwin, Mandalay Region, Myanmar
Geodata:	22°07'32.7"N, 96°33'22.1"E (see below)
Size of Plantation:	2 plots, 3.5 and 3.8 acres = 7.3 acres (ca. 3 ha)
Plantation:	8400 Arabica coffee plants, 1600 shading trees (Silk Oak, Macadamia and others)
Costs per tree:	7€
Project Starting date:	April, 2022 / planting 21 June 2022
Number of workers for ground preparation work:	10 to 15 per day
Date of harvest:	approximately 4/5 years after plantation

### How coffee bushes and shady plants were planted

We started the planting project by clearing and removing all old trees, dried vines, bushes and their roots at the designated areas. We looked for quality plants and acquired them in advance. Land preparation work included digging 1 ½ feet deep trenches, filling up with natural fertilizers and ground pesticides, covering trenches with soil again. Then, the land was left aside for nearly two months to let it soak with enough rain water. Even before we started planting, weeds were cleared continuously. When there was enough rain water in the ground, we marked the planting positions with bamboo sticks. The next step was to make holes for the transplanting of seedlings. We used natural fertilizers again before transplanting the plants. Coffee plants like continued rain water once they are planted. We planted on rich soil ground and so weeds also grow very fast. So, workers need to pay attention to clear weeds all the time when we have rainy days. We did not

have much rain in June and July 2022, but we had lots of rain in August, September and October 22 and the plants were growing well with new leaves.

In November 2022, we built roofings for the coffee plants to protect against fog and sunshine. For sustainability reasons, roofings were made with bamboo and dried grass instead of plastic sheets.

### **Legal Situation**

Stiftunglife has signed an agreement with the land owner that we will plant coffee, Silk Oak and Macademia in the specific areas and we will cover all costs associated with planting and taking care. The agreement foresees that in the future, earnings from our plants, coffee and Macademia, will be shared equally. The land owner agrees not to disturb, destroy or stop cooperating with Stiftunglife coffee plantation project. The landowner is fully responsible to solve anything related to the ownership of the land in case of any problem that might arise in the future.

### **Professional advice**

We have appointed an Agriculture specialist with more than 10 years experience as a farm worker who monitors the wellbeing of the plants and assign duties for the workers from in house or outside. He visits the farm every week. We have two permanent workers working and staying at the farm.

### **Evaluation of the project**

Coffee needs shady trees to grow. The place of Stiftunglife Coffee farm has had big shady trees already before we started the project as the owner planted many trees in the whole 40 acers compound 20 years ago. Because of those shady tress, our plantation is far better than some other coffee farms which do not have shady trees.

Nowadays, coffee bean demand is high and the price is four times higher than in the past two years.

Downsides are that plantation is located in a remote place and so the transportation cost is high and getting enough labour as we wish is not so easy and costly. Owner does not allow us to have our own tubewell, so we have to water the plants by using mobile water buckets. As for further plantation, we look for land that can be watered with a tubewell.

A business plan will be established in the first half of 2023.

### **Reinvestment of earnings**

From Stiftunglife part of the earnings, new plants will be bought and planted, so the donation is multiplied and „perpetuated“.



**7.3 acres Coffee Plantation**



**3.8 ac**



**22°07'32.7"N  
96°33'22.1"E**



**3.5 ac**

