

# PROGRESS REPORT

## Lamandau River Wildlife Reserve (LRWF)

October 2011 – February 2012

Here with some information that we can update you about the project in Lamandau River Wildlife Reserve (LRWF) on October 2011 – February 2012.

### **More equipment for planting and land preparation**

The tractor and shredder have arrived on 25<sup>th</sup> of December 2011 from Surabaya. We made wooden carriage that we can tow behind the tractor to carry saplings, water and other things. It is a bit difficult to send it to LRWR because not many trucks willing to go on muddy road from Pangkalan Bun to LRWR that usually take minimum about 9 hours. All of our staff and the reforestation cooperative group at Tanjung Harapan village helped us to move the supply to LRWR 25 December 2011. Finally the tractor, shredder and carriage arrived at LRWR reserve on 10 February 2012.

We have used the tractor to transport the sapling that use to be by motorbike or carried on the staff shoulder. It significantly improves the number of sapling that we can plant in a day. We are going to start to use the tractor to make planting lines that will also act as top soil trap in order to concentrate the fertile soil on the planting hole. We will use the shredder as soon as we finish planting to produce material that we put on the base of the planting hole to keep the fertile soil not wash out and also to keep the humidity on the planting hole last longer. Previously we use machete to cut the grass which was very time and energy consuming.



## **Nursery**

We keep adding number of sapling in our nursery in order to anticipate the possibility of getting more support for planting acting for next rainy season. With the previous human resource, equipment and fund availability that we have we did not have enough sapling to plant. We are going to extend the nursery by end of February after we totally finish plant tree for 2011 – 2012 rainy season. Up to end of February 2012 we have:

- More than 8,200 (February) saplings that ready to plant
- Right now we have 20,000 saplings. We are projecting to produce 20,000 more saplings in order to have 40,000 saplings to plant 2012 – 2013.

*Note: we focus on collecting seeds and seedling to produce our saplings considering availability right now. When we managed to have 40,000 saplings from this way we going to continue air grafting so much we can do.*

We hope having the shredder will help us to improve the soil condition.

## **Planting**

Up to end of January we have finished one corridor with length close to 2 km with 30 m width that equally 6 Ha. This corridor already connected two small forests at the area. Based on our experimental planting we decided not to plant the sapling with 5 m distance like what we have done in Tanjung Puting National Park. We did not plant the sapling with 5 m distance as what we are doing in Tanjung Puting considering that the land is very degraded. If we use 5 m distance we do not believe the corridor will be effective to be used by the wildlife. This makes us use nearly 3 times more sapling for the same size of land. We may still plant saplings until the end of February. We are projecting that in the next rainy season 2012 we will finish to plant another 34.000 saplings on top of more than 8.000 saplings that we have planted until February 2011.

## **Community Development**

We have started to socialize our organization and our program more intense to the village near by called Sungai Pasir. As the result beside staffs who are working for us right now we got more people interested to work with us started from sapling, seed collection to plant the sapling. We are expecting this year we will start to run conservation education at one



primary school at the area. Even we are not confidence yet to set up an alternative income source program yet at the moment due to limited fund and resources, we are thinking about duplicate what we have done at Tanjung Harapan village by Tanjung Harapan Puting National Park that given a lot of positive impact to both the community and also for conservation.

## Documentation

### *Inadequate road access from Pangkalan Bun to Sungai Pasir*



### *Transporting the equipment for planting and land preparation to project site (LRWR)*



The equipment arrived at FNPf office (Kumai) and then sent to planting project site in Kajang (LRWR)

## Transporting of saplings before and after the equipment availability



## Nursery Activities

### 1. Seed



- Seeds on seed pad after a week
- Sprout germinated
- Sprout planted in polybag
- *Ubar putih*, one of the saplings produced from seed

## 2. Seedling



- Collecting seedling from forest near by
- Trimming seedling before put into poly bag
- New sapling
- Watering

## 3. Air grafting



- Air grafting
- Check the growth of air grafting
- Cut of air grafting
- Saplings of air grafting ready to plant

## Planting activities



- Carrying saplings to plant
- Cutting the weed before dig the planting hole
- Making planting hole
- Cutting grass to keep humidity and provide better soil quality
- Removing plastic from air grafting
- Planting sapling of air grafting
- Planting of seedling



*The corridor will connect the forest behind the post to the other little forest*

