

Week 6 Progress Report - Bushes Clearing and 500 Mangrove Trees Planting with Local Scouts in-conjunction with World Forestry Day

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Abstract— This week activities are carried out to conduct a tree planting event in conjunction with World Forestry Day (21st March) with support from local scouts and financial support from iM4U. The SWV Team are the back bone on the organization to fund raise, to liaise with and hands-on on site to succeed the event.

Index Terms— *Tree Planting, World Forestry Day, Partnership, Local, Educating*

INTRODUCTION

World Forestry Day, the 21st day of March, was established by resolution of the United Nations General Assembly on November 28, 2012. Each year, various events celebrate and raise awareness of the importance of all types of forests, and trees outside forests, for the benefit of current and future generations. Countries are encouraged to undertake efforts to organize local, national, and international activities involving forests and trees, such as tree planting campaigns, on World Forestry Day.

iMalaysia for Youth, usually stylised as iM4U or IM4U, is an initiative of the Malaysian government that encourage volunteering among Malaysian youth. It was founded by Prime Minister Najib Razak in 2012

A. Objective of Activities

1. To clear unnecessary bushes and plant in mangrove forest to plant for 500 Mangrove Tree.
2. To provide a platform to educate local scouts regarding the important of conserving mangrove forest.
3. To plant 500 mangrove trees at designated area.

B. Task of Activities

Saturday (21 March 2015)

All the team member gather at fast food restaurant at Juru and car pool to depart to base at Sungai Chenaam. Task started once reach at Small Mangrove Education Center, some of the member to gather at center while some follow lorry to go to seedling site to load 500 young mangrove trees to lorry.

While another half team of member to go inside the designated area to removing out all the branches and also clearing for the bush. Clearing of bush and branches had their precaution and risk due to the liquid contain on mangrove trees is poisoning and will sensitive to skin and eye. Protective equipments and tools was used to prevent injury.



Figure 1: Unloading trees from lorry

All mangrove trees unloading from lorry to when reach to the Small Mangrove Education Centre. The planting site is located 1km behind Small Mangrove Education Centre. The only access road into the planting site is on wooden bridge. All trees unload near Small Mangrove Education Centre and to push into the planting site by using wheel cart.



Figure 2: Trees moved to planting site



Figure 5: Group No.3

Tasks distribute among the members, some moving the trees from brink into mangrove forest while some are placing and arrange the trees according inside the mangrove forest open area. Moving of plant and arranging of mangrove tree continue until noon. All members and PIFWA volunteers to have an hour break before continue following task.

Some of member left at community hall to lead the scouts and register them, while some to go to Small Mangrove Education Center to prepare for the event. Before the planting project start, Project Director gave a safety briefing to all participants and separate groups among participants.

On afternoon task is to dig hole for certain location to be plant for trees and also to cut on poly bag to ease for remove the poly bag for tomorrow. Digging of hole carry until late evening and all member had to leave the mangrove forest due to rising tide. Almost 300 holes had dug.



Figure 6: Mr Illias demo on planting a mangrove trees

Sunday (22 March 2015)

All the team member gather at fast food restaurant at Juru early 6 morning and car pool to base at Sungai Chenaam.. Arrangement for the local scouts started to conduct by all them members after breakfast and when scouts had been arrive.



Figure 7: Planting of trees in action

All scouts came with bus and gather at Sungai Acheh Community Hall.



Figure 8: Best experience for scouts



Figure 3: Group No.1



Figure 4: Group No.2

Before going into mangrove forest, a session of introduction to the mangrove forest and species of mangrove trees was given by PIFWA members.



Figure 9: Introduction to species of mangrove trees was given by PIFWANITA Chairwoman



Figure 13: Ceremony inside Small Mangrove Education Centre



Figure 10: Rubbish cleaning on the planting site



Figure 14: Participants enjoyed their lunch



Figure 11: A group photo in front of project sign board after planting



Figure 12: Rubbish collected from planting site was carried out.

After all participants had moved out from mangrove forest, a simple ceremony was held inside the Small Mangrove Education Centre. End of ceremony, lunch had prepared and served to all participants before they leave.

The planting event take for 4 hours and end on afternoon. After the event and all scouts leave, team members start to help to clean up the boots.

II. THEORY

The primary goals of conservation and protection of coastal wetlands and mangrove forests are to increase public awareness and education about these habitats, provide designated conservation areas, and integrate coastal wetland/mangrove restoration into current coastal planning. National governments have not been able to regulate development and industry effectively to save many wetlands, and current developments are not adequately planned and implemented to provide conservation, restoration, and mitigation measures for nearby wetlands. Meanwhile, stricter local governmental regulations and enforcement protecting mangroves are necessary. Also, involvement of local communities in sustainably managing and protecting their coastal resource base, including the nearby mangrove forests, is essential.

III. ACTIVITIES RESULT

A. Activity Area of 500 Mangrove Trees Planting



Figure 6 – Map of 500 Trees Planted



Figure 7 – An area of tree planted

B. Data of Activities

Event

1. Total volunteer from scouts are 140 person.
2. Breakdown of participation of school/scouts:
 - SMK Sungai Nibong
 - SMK Georgetown
 - SK Batu Lanchang
 - SMK Tunku Abdul Rahman
 - SMK Seri Penanti



Tree Planting

1. Total of 500 trees had been planted.
2. Species of planted trees all are *Rhizophora apiculata* (Pokok Bakau Minyak)
3. Each distance from tree to tree is 5-10 feet.

IV. ANALYSIS

Discussion

1. Education to young on sustaining the environment is important.
2. Every participants of trees planting gave a good feedback on the events.

V. CONCLUSION

1. Unnecessary bushes had been clear inside of mangrove forest and will encourage growing of small mangrove trees.
2. Total 150 scouts had experience that planting and exposed to the way to conserving mangrove forest.
3. 500 Trees had planted to the designated area.