

AFoCo/010/2016



PROJECT ANNUAL REPORT

[May 2016 to December 2016]

<Project Profile>

Project Title	Domestication of Endangered, Endemic and Threatened Plant Species in Disturbed Terrestrial Ecosystem in Malaysia and Thailand
Project Duration	Start date: 19 May 2016 End date: 18 May 2022
Implementing Agency	Forest Research Institute Malaysia (FRIM)
Participating Country	Malaysia
Project Site	FRIM Research Station at Bidor, Perak
Budget and Source of Finance	Total: US\$ - Secretariat: US\$175,000.00 - National budget (in-kind): US\$ 491,245.00

<Implementing Agency Profile>

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Project Staff	Dr Ho Wai Mun Tang Lai Kuen
Declaration	<input checked="" type="checkbox"/> This report includes all the essential information on executed activities, achieved outputs, issues and challenges encountered in the period covered by the report meant for higher level of administration. <input type="checkbox"/> This project was prepared by the Project Manager and the staffs.

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1. Project Overview

(To include executive summary, immediate objectives and expected output from the Project Document)

Executive Summary

Malaysia and Thailand are a mega-biodiversity landscape and the rapid development and changes of climate had inevitably caused degradation of terrestrial ecosystems. The problem of forest degradation and potential biodiversity loss is critical and Malaysia and Thailand are addressing the problems through research and development activities. Domestication of endangered, endemic and threaten species (EETS) is one of the effective approaches to conserve the germplasm. The Malaysia-Thailand project aims to strengthen bilateral cooperation between the two nations focused on biodiversity conservation, domestication and eco-tourism through pilot testing, workshops on best practices and technology transfer and capacity development.

Immediate Objectives

- To domesticate national red-list species in both countries
- To strengthen cooperation between Malaysia-Thailand on conservation of biodiversity, domestication techniques and technology transfer.
- To exchange knowledge and lessons learned on best practice of rehabilitation and biodiversity conservation.

Expected Outputs

- At least 2 to 5 species of EETS shall be domesticated per year through the cooperation between Malaysia-Thailand.
- Country report of the project is documented and shared through regional workshops.
- Capacity building through short-term training course, internship programme, and publications.

2. Implementation Progress

2.1 Overall Progress

(To indicate the state of progress in a tabular form with specific descriptive comparison between planned and actual project implementation of activities using the final version of corresponding Annual Work and Budget Plan of the Project)

Output/ Activity No.	Key Activity	Progress Description	Timeline	Percentage Executed
A				
A.1	Site characterization	A 2-ha site has been selected. GPS mapping of 1.5ha completed. Site locality map is being constructed. Quotations for GPS have been received and the prices are being negotiated.	Mac 2017	75%
A.2	Procurement of EETS	A list of selected plants, site establishment methods and maintenance schedule have been prepared for procurement. A contractor will be selected and appointed to carry out task.	May 2017	20%
A.3	Establishment of model plots	Activities A.2 and A.3 are carried in one purchase order. Ploughing and tending have also been included in the procurement in A.2.	Mac 2017	10%
A.4	Documentation of site Properties	Commitment for analysis of site properties have been done. Sampling will be carried out in Feb-Mac 2017. Quotations for height meter and diameter tape have been received and prices are being negotiated while waiting for FRIM's procurement system to reopen since closure on 15 Nov 2016.	May 2017	10%
C.1	Cross visits	Cross visit Phuket (27-29 Oct 2016) – include visit to Phang Nga Research Station Singapore (6-10 Dec 2016). Another cross country visit to Singapore is needed to complete the documentation of EETS which has been planned in March 2017.	Mac 2017	80%
C.2	Knowledge and technology transfer	A national workshop was conducted on 15-17 Nov 2016 in FRIM with a site visit on the 17 th . There were a total of 25 participants and 9 lecturers in the workshop. Eight (8) local post-graduate students receiving 'Participant Assistance Programme' were	Dec 2016	100%

		sponsored for the workshop (registration fee, accommodation, DSA). Only one student from Sarawak whose air fare was sponsored. Evaluation of the workshop by 24 respondents showed a score of 4.35/5.00.		
D.2	Attending overseas meetings	No overseas meeting attending till Dec 2016. This activity can only be committed in 2017 as there were no suitable meetings/conferences in 2016. Registration for the IUFRO conference on "3rd Restoring Forests" to be held on 12-14 Sept 2017 only commences in May 2017.	Sept 2017	0%
D.3	Inception meeting	Inception meeting was held on 25-26 Aug 2016 in Lampang. The 1 st Project Coordination Meeting was held in FRIM on 18 Nov 2016. The Malaysia team also attended the 2 nd Project Coordination Meeting in Lampang, Thailand on 28-29 Dec 2016.	Dec 2016	100%
D.4	Annual report	Annual report & Financial statement	Jan 2017	100%
D.5	Miscellaneous	2 poster papers presented at the Kuala Lumpur International Conference on Agriculture, Forestry and Plantation. The papers will also be published in a journal.	Dec 2016	50%

2.2 Key Decisions of Project Steering Committee /Coordination Meeting

(To summarize key decisions made to address issues and guide the project during PSC/PCC meetings organized during the reporting period)

- i) Project Steering Committee not applicable in Malaysia
- ii) Project Coordination Meeting (refer Record of Discussion in Appendix 1a and 1b)
 - a) Key decisions of 1st Project Coordination Meeting (PCM)
 - Representatives of Malaysia, Thailand, the ROK and Secretariat to participate in PCM.
 - Malaysia and Thailand to hold the meeting alternatively.
 - b) Key decisions of 2nd Project Coordination Meeting
 - Terms of Reference for Project Coordination Committee were reviewed and adopted.
 - Budget request to be made in April 2017
 - There is a need to include wild boar protection and shade for plants for Malaysia
 - Implementing countries to apply the exchange rate of the date of fund transfer
 - Regional workshop will be changed to regional seminar for

Malaysia in 2017

2.3 Review of Performance Indicators and Activities

(To review how the project is actually performing against its Work Plan)

Output/ Activity No.	Key Activity	Indicators (Planned)	Indicators (Achieved)	Comments
A	Site Characteristics			
A.1	Site characterization	Site locality map produced	Site locality map 20% completed	GPS mapping of another 0.5ha to be completed in Mac 2017. Site locality map to be completed in Mac 2017.
A.2	Procurement of EETS	1,500 seedlings purchased	Internal process – Selection of contractor completed.	1,500 seedlings to be prepared by May 2017.
A.3	Establishment of model plots	A 3-ha model plot established	Internal process – Selection of contractor completed. Awaiting appointment of contractor.	A 3-ha model plot to be established by May 2017.
A.4	Documentation of site properties	Biophysical properties and soil properties determined	Quotations for height meter and diameter tapes were obtained.	Biophysical properties and assessment of growth shall be conducted after planting and to be completed by May 2017
C	Technology Transfer and Capacity Development			
C.1	Cross visits	Two visits	Visit to Phuket, Singapore & Lampang (2 nd PCM)	Another cross country visit to Singapore is needed to complete the documentation of EETS which has been planned in March 2017.
C.2	Knowledge and technology transfer	A national workshop conducted Printing of leaflet	A national workshop conducted on 15-17 Nov 2016	25 participants including observers from Thailand. Information on leaflet will be printed in February 2017 which include documentation of planting and establishment of model plot
D	Local Operation			
D.2	Attending overseas meetings	Meetings/seminars attended	Nil	Scheduled in 2017 as there were no suitable meetings/conferences in 2016.
D.3	Inception meeting	Inception	Meeting	Presentation of project

		meeting held	minutes	objectives, timeline and planned activities by Malaysia This activity included organizing the 1 st PCM in FRIM on 18 Nov 2016 and attending the 2 nd Project Coordination Meeting on 28-29 Dec 2016 in Lampang
D.4	Annual report	Annual report		
D.5	Miscellaneous		2 poster papers presented and 2 journal papers accepted for publication	Journal papers to be published in the International Journal on Agriculture, Forestry and Plantation

3. Financial Report

(To insert financial statements for the fiscal year and include in-kind contribution)

3.1 Statement of Cash Flow

Statement of Cash Flow (SOC)

Project Number: 10/2016

Reporting Period:

May-December 2016

Project Title: Domestication

SOE Number:

01/2016

Component	Timeline					
	2016	2017	2018	2019	2020	2021
1 CASH IN (RM)	(A) RM686,262.50 USD175,000.00					
Balance	-	(C) RM262,338.41 USD66,897.47				
Funds received	RM686,262.50 USD175,000.00					
Bank interest	NA					
2 CASH OUT (RM)	(B) RM423,924.09 USD108,102.53					
Expenditure of the year (incl. commitment)	RM(51,913.11+ 371,983.51) USD(13,238.07+94, 857.46)					
Bank charge & adjustment of cash transaction	RM(27.45+0.02) USD7.00					
3 BALANCE (RM)	(C) = (A)-(B) RM262,338.41 USD66,897.47					

*NA – not applicable

3.2 Balance Sheet

Balance Sheet (B/S)

Project Number: AFoCo/010/2016

Reporting Period:

May-December 2016

Project Title: Domestication of Endangered, endemic and Threatened Plant Species in Disturbed Terrestrial Ecosystem in Malaysia and Thailand

B/S Number: 01/2016

Component	Approved Budget (A)	Expenditures to Date			Available Funds (E = A - D)
		Committed (B)	Paid (C)	Total (D = B + C)	
Funds received					
I. Total AFoCo funds received by the reporting period	686,262.50 175,000.00	-	-	-	-
Expenditures by Implementing Country					
A. (Output 1)					
A.1. Site characterization	49,410.90 12,600.00	822.84 209.83	537.20 136.99	1,360.04 346.82	48,050.86 12,253.18
A.2. Procurement of EETS	247,289.79 63,060.00	337,500.00 86,064.01	0	337,500.00 86,064.01	(90,210.21) (23,004.01)
A.3. Establishment of model plots	175,153.80 44,665.00	0	550.65 140.42	550.65 140.42	174,603.15 44,524.58
A.4. Documentation of site properties	108,880.45 27,765.00	29,325.00 7,478.00	0	29,325.00 7,478.00	79,555.45 20,287.00
II. Sub Total A	580,734.94 148,090.00	367,647.84 93,751.84	1,087.85 277.41	368,735.69 94,029.25	211,999.25 54,060.75
B. (Output 2)					
B.1. NA	0	0	0	0	0
B.2. NA	0	0	0	0	0
III. Sub Total B	0	0	0	0	0
C. (Output 3)					
C.1. Cross visits	37,587.58 9,585.00	363.17 92.61	20,387.43 5,198.89	20,750.60 5,291.50	16,836.98 4,293.51
C.2. Knowledge and technology transfer	23,332.92 5,950.00	1,929.40 492.01	10,796.03 2,753.03	12,725.43 3,245.04	10,607.49 2,704.95

Component	Approved Budget (A)	Expenditures to Date			Available Funds (E = A - D)
		Committed (B)	Paid (C)	Total (D = B + C)	
VI. Sub Total C	60,920.50 15,535.00	2,293.57 584.62	31,183.46 7,951.92	33,476.03 8,536.54	27,444.47 6,998.46
D. (Output 4)					
D.2 Attending overseas meetings	23,960.37 6,110.00	0	0	0	23,960.37 6,110.00
D.3 Inception meeting	14,646.80 3,735.00	0	19,509.60 4,975.04	19,509.60 4,975.04	(4,862.80) (1,240.04)
D.4 Annual report	1,176.45 300.00	0	0	0	1,176.45 300.00
D.5 Miscellaneous	4,823.44 1,230.00	2,042.10 520.75	132.20 33.71	2,174.30 554.46	2,649.14 675.54
VII. Sub Total D	44,607.06 11,375.00	2,042.10 520.75	19,641.80 5,008.75	21,683.90 5,529.50	22,923.16 5,845.50
E (Output 5)					
E.1 NA	0	0	0	0	0
E.2 NA	0	0	0	0	0
VIII Sub Total E	0	0	0	0	0
F. Contingency/Other expenditure					
e.g. Bank charge/ Adjustment of cash transaction	-	-	Bank charges: 27.45 Adjust cash:0.02 7.00	27.47 7.00	(27.47) (7.00)
VIII Sub Total F			27.47 7.00	27.47 7.00	(27.47) (7.00)
XII. Total Funds Retained by AFoCo Secretariat:	NA	NA	NA	NA	NA
GRAND TOTAL	686,262.50 175,000.00	371,983.51 94,857.21	51,940.58 13,245.08	423,923.09 108,102.29	262,339.41 66,897.71

Ringgit Malaysia (RM) – in black numbers, US Dollar (USD) – in red numbers

Note: Budget Components are those detailed in the Project Document.

- I. Committed expenditure (B): expenditures incurred during the reporting period, but not yet settled (refer Appendix A).
- II. Available funds (E) represent the unused budget and surplus budget combined.
- III. Any contingency expenditures including bank charge (refer Appendix B) should be listed under Component F and reflected underneath "Cash Out" of Statement Cash Flow.

3.3 Statement of Expenditures (see Appendix C, D & E)

Statement of Expenditure (SOE)

Project Number: AFoCo/010/2016 **Reporting Period:** May – December 2016
 Domestication of
 Endangered, endemic
 and Threatened Plant
Project Title: Species in Disturbed
 Terrestrial Ecosystem in
 Malaysia and Thailand **SOE Number:** 01/2016


Serial No.	Date	Description	Activity Reference	Amount (RM)	Amount (USD equivalent-if applicable)	Reference Number (Voucher no./Project No./Year of expenditure)
1	9Sept	HoWM:Hotel Long Fatt Hotel Bidor	A 1.5	52.00	NA	TNT09 (Ho): LFB-003516
2	27Sept	HoWM: TNT Mileage	A 1.5	188.40	NA	TNT09 (Ho): TNT 27Sept
3	27Sept	HoWM: TNT Toll fee	A.1.5	32.00	NA	TNT09 (Ho): 000037, 000112
4	27Sept	HoWM: TNT Parking fee	A.1.5	0.40	NA	TNT09 (Ho): T003060483
5	27Sept	HoWM: TNT Food allowance	A.1.5	60.00	NA	TNT09 (Ho): TNT 27Sept
6	22Aug	AngLH: TNT Mileage	A.1.6	110.00	NA	TNT08 (Ang): TNT 22Aug
7	22Aug	AngLH: TNT Toll fee	A.1.6	24.40	NA	TNT08 (Ang): 000205,000153
8	22Aug	AngLH: TNT Lodging allowance	A.1.6	70.00	NA	TNT08 (Ang): TNT 22Aug
9	29 Aug	AngLH: TNT Lodging allowance	A.3.5	70.00	NA	TNT08 (Ang): TNT 29Aug
10	29Aug	AngLH: TNT Mileage	A.3.5	48.50	NA	TNT08 (Ang): TNT 29Aug
11	29Aug	AngLH: TNT Toll fee	A.3.5	9.80	NA	TNT08 (Ang): 000171, 000022
12	19Sep	AngLH: TNT Mileage	A.3.5	42.00	NA	TNT09 (Ang): TNT 19Aug
13	19Sep	AngLH: TNT Toll fee	A.3.5	8.20	NA	TNT09 (Ang): 000235, 000516
14	10 Oct	AngLH: TNT Lodging allowance (2 nights)	A.3.5	140.00	NA	TNT10 (Ang): TNT 10 Oct
15	10 Oct	AngLH: TNT Mileage	A.3.5	214.35	NA	TNT10 (Ang): TNT 10 Oct
16	10 Oct	AngLH: TNT Toll fee	A.3.5	17.80	NA	TNT10 (Ang): 000040, 000024, 000069
17	27Oct	AngLH: TNT Mileage	C.1	70.00	NA	TNT10 (Ang): TNT 27 Oct
18	27Oct	AngLH: TNT Toll fee	C.1	16.80	NA	TNT10 (Ang): 000107, 000091
19	27Oct	AngLH: TNT Parking fee	C.1	116.00	NA	TNT10 (Ang): 089146
20	6Dec	HoWM:Taxi Wangsa Permai-KLIA2	C.1	82.60	NA	MEMO 21Dec: LIMO3647
21	10Dec	HoWM:Taxi KLIA2-Wangsa Permai	C.1	94.90	NA	MEMO 21Dec: KL00GL2U
22	10Dec	TangLK:Taxi KLIA-Bt Beruntung	C.1	168.70	NA	MEMO 21Dec: 47055717017

23	6Dec	TangLK:Taxi Bt Sentosa-KLIA	C.1	135.00	NA	MEMO 21Dec: I0243
24	6Dec	AngLH:Singapore Zoological Gardens	C.1	365.03	SGD118.00	MEMO 21Dec: 00410059
25	8Dec	AngLH: Singapore Gardens by the Bay	C.1	259.85	SGD84.00	MEMO 21Dec: 116.0122136
26	7Dec	AngLH:MRT	C.1	204.17	SGD66.00	MEMO 21Dec: A1,A2,B1,B2,C1,C2
27	6Dec	AngLH:Taxi Strand Hotel-River Safari	C.1	67.50	SGD21.82	MEMO 21Dec: SHF1028M
28	6Dec	AngLH:Taxi Changi-Strand Hotel	C.1	57.54	SGD18.60	MEMO 21Dec: SHA2344U
29	6Dec	AngLH:Taxi River Safari-Strand Hotel	C.1	62.77	SGD20.29	MEMO 21Dec: SH2047K
30	6Dec	HoWM:Taxi Changi-Strand Hotel	C.1	66.97	SGD21.65	MEMO 21Dec: 120622240
31	10Dec	TangLK:Taxi Strand Hotel-Changi	C.1	116.62	SGD37.70	MEMO 21Dec: 365717321, 365717323
32	10Oct	Ang&Ho&Tang: Airfare KLIA2-Phuket Phuket-KLIA2	C.1.1	1,651.24	NA	MEMO 31Oct: XKBHFQ
33	21Nov	HoWM:Airfare KLIA2-Changi	C.1.1	412.08	NA	MEMO 21Dec: TGZVYC
34	14Nov	AngLH&TangLK:Airfare KLIA-Changi	C.1.1	909.80	NA	MEMO 21Dec: WT2BR
35	29Oct	TangLK: Hotel Phuket City Hotel	C.1.2	143.34	1,200Baht	MEMO 31Oct: 10010153856
36	29Oct	HoWM: Hotel Phuket City Hotel	C.1.2	143.34	1,200Baht	MEMO 31Oct: 10010153856
37	29Oct	AngLH: Hotel Phuket City Hotel	C.1.2	143.34	1,200Baht	MEMO 31Oct: 10010153856
38	27Oct	TangLK: Hotel Baba la Casa	C.1.2	143.34	1,200Baht	MEMO 31Oct:3
39	27Oct	HoWM: Hotel Baba la Casa	C.1.2	143.34	1,200Baht	MEMO 31Oct:1
40	27Oct	AngLH: Hotel Baba la Casa	C.1.2	143.34	1,200Baht	MEMO 31Oct:2
41	10Dec	HoWM: Strand Hotel	C.1.2	4,575.30	SGD1,479.00	MEMO 21Dec: 159754
42	10Dec	AngLH: Strand Hotel	C.1.2			MEMO 21Dec: 159753
43	10Dec	TangLK: Strand Hotel	C.1.2			MEMO 21Dec: 159752
44	31Oct	AngLH: DSA	C.1.3	1,306.05	NA	MEMO 31Oct
45	31Oct	HoWM:DSA	C.1.3	1,306.05	NA	MEMO 31Oct
46	31Oct	TangLK: DSA	C.1.3	1,306.05	NA	MEMO 31Oct
47	21Dec	AngLH: DSA	C.1.3	2,058.79	NA	MEMO 21Dec
48	21Dec	HoWM:DSA	C.1.3	2,058.79	NA	MEMO 21Dec
49	21Dec	TangLK: DSA	C.1.3	2,058.79	NA	MEMO 21Dec
50	16 Nov	AngLH: TNT Lodging allowance (2 nights)	C.2	140.00	NA	TNT11 (Ang): TNT 16 Nov
51	16 Nov	AngLH: TNT Mileage	C.2	169.50	NA	TNT11 (Ang): TNT 16 Nov
52	16 Nov	AngLH: TNT Toll fee	C.2	30.30	NA	TNT11 (Ang): TNT 16 Nov, 000014, 000141
53	17 Nov	TangLK: TNT Mileage	C.2	144.00	NA	TNT11 (Tang): TNT 17
54	17 Nov	TangLK:TNT Toll fee	C.2	24.40	NA	TNT11 (Tang): 000038, 000242

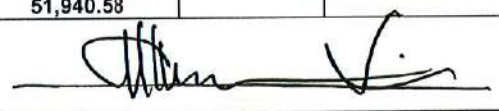
55	27Sept	HoWM: Paper A4- 80gsm	C.2	55.00	NA	16-09092
56	27Sept	HoWM: Cartridge Ink HP 61XL black	C.2	188.00	NA	16-09093
57	7Nov	HoWM: External hard disk for data storage	C.2	720.00	NA	Y161771
58	10Nov	HoWM: Designer's fee of Banner for workshop	C.2	50.00	NA	Nov2/2016 & E-mail 11Jan 2017
59	10Nov	HoWM: Printing of certificates for participants (30pcs)	C.2	30.00	NA	Nov2/2016 & E-mail 11Jan 2017 & Jurnal P37/12/2016
60	10Nov	HoWM: Paper A4- 80gsm	C.2	53.75	NA	16-11042
61	19Oct	HoWM: Badge Name tags	C.2.10	19.50	NA	161226
62	21Oct	HoWM: Badge&string Name tags	C.2.10	19.70	NA	95316
63	4Nov	HoWM: Certificates	C.2.10	16.80	NA	165589
64	25Oct	HoWM: Stationery Folder, notebook, marker pens, drawing paper	C.2.10	269.80	NA	16-10146
65	25Oct	HoWM: Souvenirs Pencil case, pen, bag, bottle, wrapping paper	C.2.10	714.50	NA	CH00122
66	25Oct	HoWM: Stationery Sticker paper (folder)	C.2.10	6.00	NA	16-11013
67	4Nov	HoWM: Stationery Sticker paper (folder)	C.2.10	20.00	NA	16-11019
68	4Nov	TangLK: Transportation Charter bus	C.2.11	1,550.00	NA	Y161764
69	14Nov	HoWM: Transportation Airfare for PAP from Sarawak	C.2.11	279.38	NA	WXCBD
70	30Nov	AngLH: Lecturer (1hr) Allowance Mohd Farid Ahmad	C.2.5	150.00	NA	LA1
71	30Nov	AngLH: Lecturer (1hr) Allowance Ong Su Ping	C.2.5	120.00	NA	LA2
72	30Nov	AngLH: Lecturer (1hr) Allowance Wan Rasidah bt Wan Ab Kadir	C.2.5	200.00	NA	LA3
73	30Nov	AngLH: Lecturer (2hrs) Allowance Siti Salwana Hashim	C.2.5	300.00	NA	LA4
74	30Nov	AngLH: Lecturer (1hr) Allowance Ismail Parlan	C.2.5	200.00	NA	LA5
75	30Nov	AngLH: Lecturer (1hr) Allowance Raja Barizan bt Raja Sulaiman	C.2.5	200.00	NA	LA6
76	16Nov	TangLK: Food Mineral water	C.2.6	33.60	NA	16-11065
77	4Nov	HoWM: Food for workshop	C.2.6	2,015.00	NA	Y161766
78	18Nov	HoWM: Seminar room	C.2.6	400.00	NA	B/CT/6.34
79	11Nov	HoWM: Banner for workshop	C.2.6	170.00	NA	153531/BNNR
80	17Nov	TangLK: Lunch at site visit	C.2.6	630.00	NA	1395
81	16Nov	TangLK: DSA of PAP Darshanaa a/p Chellaiah	C.2.9	234.60	NA	B/KEW/7.51A
82	16Nov	TangLK: DSA of PAP Too Chin Chin	C.2.9	234.60	NA	B/KEW/7.51B
83	16Nov	TangLK: DSA of PAP Musri Ismenyah	C.2.9	234.60	NA	B/KEW/7.51C

84	16Nov	TangLK: DSA of PAP Mugunthan a/l Perumal	C.2.9	234.60	NA	B/KEW/7.51D
85	16Nov	TangLK: DSA of PAP Tan Jiunn Laih	C.2.9	234.60	NA	B/KEW/7.51E
86	16Nov	TangLK: DSA of PAP Marshall Kana Samuel	C.2.9	234.60	NA	B/KEW/7.51F
87	16Nov	TangLK: DSA of PAP Tan Si Nan	C.2.9	234.60	NA	B/KEW/7.51G
88	16Nov	TangLK: DSA of PAP Siti Nurfaeiza bt. Abd Razak	C.2.9	234.60	NA	B/KEW/7.51H
89	24Aug	Daniel: Taxi to KTM station	D.3	9.00	NA	MEMO 9Sep: ADR-6423300-2-005
90	24Aug	Daniel: KLIA Ekspres	D.3	80.00	NA	MEMO 9Sep: AHAJMLAK
91	27Aug	AngLH: Taxi KLIA2-Bandar Sri Damansara	D.3	94.90	NA	MEMO 9Sep: KL00C29A
92	24Aug	AngLH: Taxi Bandar Sri Damansara-KLIA2	D.3	110.00	NA	MEMO 9Sep: HBB7788
93	24Aug	AngLH: Taxi Don Mueang-hotel	D.3	21.98	190Baht	MEMO 9Sep: 79955
94	27Aug	AngLH: Taxi Hotel-Don Mueang	D.3	17.35	150Baht	MEMO 9Sep: 5221
95	24Aug	HoWM: Taxi Wangsa Permai-KLIA2	D.3	82.60	NA	MEMO 9Sep: LIMO3523
96	27Aug	HoWM: Taxi KLIA2-Wangsa Permai	D.3	94.90	NA	MEMO 9Sep: KL00C298
97	27Dec	HoWM: Taxi Wangsa Permai-KLIA2	D.3	121.60	NA	MEMO 9Sep: LIMO3396
98	29Dec	HoWM: Taxi KLIA2-Wangsa Permai	D.3	94.90	NA	MEMO 30Dec: KL00HENJ
99	27Dec	TangLK: Taxi Bt Sentosa-KLIA2	D.3	160.00	NA	MEMO 30Dec: 10256
100	29Dec	TangLK: Taxi KLIA2-Bt Beruntung	D.3	140.40	NA	MEMO 30Dec: KL00HENL
101	27Dec	AngLH: Taxi Bandar Sri Damansara-KLIA2	D.3	130.25	NA	MEMO 30Dec: 00001223
102	29Dec	AngLH: Taxi KLIA2-Bandar Sri Damansara	D.3	94.90	NA	MEMO 30Dec: KL00HENE
103	29Dec	AngLH: Taxi Toll fee	D.3	4.40	NA	MEMO 30Dec: 000016
104	14Nov	HoWM: Stationery Pocket file for 1 st PCM	D.5	7.60	NA	16-11061
105	20Dec	AngLH: OT Parthiban	D.5	124.60	NA	G1612BBMB
106	19Aug	Daniel: Airfare Bangkok-Lampang Lampang-Bangkok	D.3.1	502.40	USD123.86	MEMO 9Sep: LF644B
107	27Jul	Daniel: Airfare KL-Don Mueang	D.3.1	216.00	NA	MEMO 9Sep: GF328Z
108	19Aug	Ang&Ho: Airfare Bangkok-Lampang Lampang-Bangkok	D.3.1	1,175.32	USD289.76	MEMO 9Sep: V9ULYW
109	24Aug	Ang&Ho: Airfare KLIA2-Don Mueang Don Mueang-KLIA2	D.3.1	982.16	NA	MEMO 9Sep: FY6GHL
110	22Dec	Ang&Ho&Tang: Airfare KLIA2- Don Mueang Don Mueang-KLIA2	D.3.1	3,469.24	NA	MEMO 30Dec: AWPQPB
111	22Dec	Ang&Ho&Tang: Airfare Don Mueang-Lampang Lampang-Don Mueang	D.3.1	1,915.14	15,506.73Baht	MEMO 30Dec: D5J8SC
112	26Aug	AngLH: Hotel CU Inn Bangkok	D.3.2	161.96	1,400Baht	MEMO 9Sep: FL16011373

113	26Aug	HoWM: Hotel CU Inn Bangkok	D.3.2	161.96	1,400Baht	MEMO 9Sep: FL16011375
114	24Aug	HoWM: Hotel Wienglakor Hotel Lampang	D.3.2	277.64	2,400Baht	MEMO 9Sep: 002934
115	24Aug	AngLH: Hotel Wienglakor Hotel Lampang	D.3.2	277.64	2,400Baht	MEMO 9Sep: 002946
116	24Aug	Daniel: Hotel Wienglakor Hotel Lampang	D.3.2	277.64	2,400Baht	MEMO 9Sep: 002928
117	29Dec	AngLH: Hotel EGAT Guest House	D.3.2	444.61	3,600Baht	MEMO 30Dec: 0217
118	9Sep	AngLH: DSA	D.3.3	1,703.60	NA	MEMO 9Sep
119	9Sep	HoWM: DSA	D.3.3	1,703.60	NA	MEMO 9Sep
120	9Sep	Muhamad Daniel: DSA	D.3.3	1,277.70	NA	MEMO 9Sep
121	30Dec	AngLH: DSA	D.3.3	1,235.27	NA	MEMO 30Dec
122	30Dec	HoWM: DSA	D.3.3	1,235.27	NA	MEMO 30Dec
123	30Dec	TangLK: DSA	D.3.3	1,235.27	NA	MEMO 30Dec
124	21Jul	Bank charges	-	27.45	NA	NA
125	NA	Adjustment of cash transaction	-	0.02	NA	NA
TOTAL				51,940.58		

 31/1/2017

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 Director General
 Account Office
 Forest Research Institute Malaysia (FRIM)
 52109 Kepong
 Selangor Darul Ehsan



[Dr Ang Lal Hoe]
 Project Leader
 31/1/2017

3.4 Supplementary Funding (country in-kind contribution)

Description	Amount (USD)
Office space (headquarter and project site)	3,600
Electricity use (for office and project site)	1,200
Water (for office and laboratories)	1,200
Land for reclamation areas (based on current market price)	404,645
Telephone and Internet	600
Salary for project personnel	80,000
Total	491,245

4. Issues & Lessons Learned

(To elaborate on any issue encountered and lesson learned within the reporting period. To include quantification of any advance or delay in implementing the Activities and causes and anticipated effects thereof.)

During Inception Meeting, the Malaysia team was impressed and learned of the systematic planning and environmental-conscious mining activities carried out in Mae Moh mine. The mining company, EGAT Mae Moh, has shown great concern for the environment and is committed to reforest the mined areas. After planting, it was also discovered that some species are not suitable to be planted in the open. Species procurement in that site was influenced by time limitation as required by project and also to coincide with the rainy season.

Some delay in acquiring and planting of EETS as well as establishment of model plot have occurred due to internal process in procurement and selection of eligible contractor. This is partially due to a delay in the funding transfer which was only available in July (despite the MOA entering into effect in 19 May) besides closure of local procurement process in mid-November. The period in between July and November were occupied with site selection, mapping and preparation for a national workshop (15-17 Nov) in the same year. With a limited number of project members, procedural limitation and shortage of time, the delay in establishment of the plot is unavoidable.

5. Conclusion and Recommendation

(To provide the conclusion reached on the state of project implementation, based on the analyses made above. To also recommend any corrective actions or adjustment necessary for the achievement of the project's objectives.)

Due to the delay and reasons stated in issues encountered above, it is thus recommended that expenditure of the project year should be 12 months and not only a mere six months particularly when involving laborious activities like planting and establishment of model plots.

6. Appendices

Appendix 1. Detailed Results of Key Activities

(To describe key activities implemented during the reporting period in detail with the use of graphical information, such as maps, tables and graphs.)

Activity C.2: Knowledge and Technology Transfer

Title: National Workshop on "Domestication of Climax Rainforest Species in Problematic Sites"

Date: 15-17 November 2016

Total participants: 25 persons (including 7 observers, 5-RFD & 2-EGAT Mae-

Moh)

Total lecturers/ lecture hours: 8 persons/ 11hours

Site visit: FRIM Research Station, Bidor

Average satisfaction score: 4.35/5.00 (refer Appendix 1c)



Group photo during opening ceremony of the workshop on 15 November 2017

Activity D.5: Miscellaneous

Two poster papers presented during the Kuala Lumpur International Agriculture, Forestry and Plantation Conference have been accepted for publication in the International Journal of Agriculture, Forestry and Plantation. Titles of the papers are:

- i) Important roles of species-site matching in afforestation on problematic sites
- ii) The potentials of *Acacia mangium* X *Acacia auriculiformis* hybrid as an afforestation species for impoverished sand tailings

Appendix 2. Finalized Annual Work and Budget Plan for forthcoming years

(To provide a final version of detailed Annual Work and Budget Plan for the forthcoming years endorsed by PSC/PCC, with clear indication on any modification made from the Project Document.)

(To include any other relevant documents as to support the report.)

