

Minutes of Meeting

Subject : 10th Peatlands Working Group 2 (PLWG-2) Meeting
 Date : 23rd October, 2019
 Venue : Aloft, Kuala Lumpur

<i>SECTOR</i>	<i>SUBSTANTIVE MEMBERS</i>	<i>ALTERNATIVE MEMBERS</i>
<i>GROWERS (MALAYSIA)</i>	<ul style="list-style-type: none"> • Jason Foong (KLK) • William Siow (IOI) 	<ul style="list-style-type: none"> • Arif Sugandi (AAR KLK)
<i>GROWERS (INDONESIA)</i>	<ul style="list-style-type: none"> • Joshua Mathews (IOI) • Gotz Martin (GAR) 	<ul style="list-style-type: none"> • Lim Sian Choo (BGA) • Desti Hertanti (GAR)
<i>GROWERS (REST OF THE WORLD)</i>	<ul style="list-style-type: none"> • Ian Orrel (NBPOL) • Shahrakbah (Sime Darby) 	<ul style="list-style-type: none"> • Sim Choon Cheak (SD)
<i>SOCIAL NGO</i>	<ul style="list-style-type: none"> • Jason Hon (WWF) • Wida Nindita (Sawit Watch) 	<ul style="list-style-type: none"> • Riza Harizajudin (Sawit Watch)
<i>ENVIRONMENTAL NGO</i>	<ul style="list-style-type: none"> • Faizal Parish (GEC) • Dato Kheizrul Abdullah (Wetlands International) 	<ul style="list-style-type: none"> • Mohd.Faizuddin (GEC) • Almo Pradana (WRI)
<i>PALM OIL PROCESSOR AND TRADERS</i>	<ul style="list-style-type: none"> • Chin Kaixiang (Bunge Loders Croklaan) • Julia Lo (Musim Mas) 	<ul style="list-style-type: none"> • Rianto Sitanggang (Bunge Loders Croklaan)
<i>RSPO SECRETARIAT</i>	<ul style="list-style-type: none"> • Amir Afham • Devaladevi Sivaceyon • Krishnabalan Jeyabalan 	

****Bolded name indicates absence with apologies***

No	Item description	Main Discussion Points	Action Points	Progress Update
23rd October 2019 (Wednesday)				
1.	Review of previous minutes of meeting	Secretariat shared progress update from previous meeting. There were two correction made which are in item number 5 (1 st day of meeting), relating to development of Smallholder (SH) peat module. In the previous minutes of meeting, the chapter on fertiliser was missing the name of the person in charge which was then amended by assigning Dr Joshua. Second amendment was made to action points for item number 5 (2 nd day of meeting). Previously the term ‘improvise’ was used which was then corrected to ‘improve’.	Secretariat has amended and uploaded the final minutes in website.	Done
2.	Update from Independent Smallholder (ISH) Subgroup meeting on development of ISH Peat BMP	<p>Secretariat shared updates from the 1st Independent Smallholder (ISH) subgroup meeting. Secretariat showed the proposed timeline as shown in Annex 3 for the development a draft of proposed topics and contents for the Working Group (WG)’s confirmation.</p> <p>Secretariat also clarified that at this stage the subgroup has only discussed on the content of the ISH peat BMP manual. The outcome of the manual will ideally be in the form of a handbook or pamphlet which has not been discussed yet.</p> <p>WG suggested that probably a tier-based module can be considered for example beginner, intermediate and advanced. The deliverables from ISH subgroup are as in Annex 3. The ISH Subgroup will be supporting the areas listed below up to September 2020</p> <ul style="list-style-type: none"> • BMP guidance for ISH cultivation on peat • ISH peat audit guidance • Outreach and capacity development for ISH • To support development of SH Academy module relating to peat 	To translate Vol 1& 2 to Bahasa Indonesia.	On-going. Initially to be completed by May but we had to prioritise another document so now it’s to be done by June.

Draft Content of the BMP

Secretariat presented a draft of the content for the RSPO ISH BMPs for existing cultivation on peat as shown in Annex 4. The working group finalised the content and provided feedbacks for each chapter. The feedbacks by chapters are as follows.

Introduction (Proposed to simplify this part for simplicity and ease of use for target audience)

- What is peat, the physical characteristics of peat and how to measure.
- Discussion on need of topographic map in relation to landscape identification.

Chapter 1: Water management

- SOP for group manager
 - Fine tuning of the words was suggested.
- Suggested under maintain water level part to use simple canal block/weir.

Chapter 2: Fertiliser

- Alternative fertilizer – The issues was that bunch ash/EFB are not easily obtained by ISH in Indonesia. Decision was to keep this as an option as part of the BMP.
- If can't apply chemical fertiliser – offer alternative that is cheap and available following the smallholder context.
- ISH raised issue of Micronutrient during Bali meeting
 - 80% don't know there is a micronutrient deficiency.
 - 20% that know about micronutrient deficiency, don't have access to buying micronutrient.

Chapter 3: Pest and disease management and control

- Propose to add
 - Leaf eating pest
 - Rats
- Dos and don'ts of pest and disease management and control

- Section on encouraging biological controls. E.g: Snakes
- How to recognize and how to treat these issues.

Chapter 4: BMPs for operational issues

- Blanket spraying of herbicide – to be added under Ground Cover Management

Chapter 5: Fire

- Proposed to add simple technique for fire prevention and controlling
- Fire alert and response – FDRS system
- Fire response for ISH
 - Community fire response

Chapter 6: Implementing BMPs

The format of the RSPO Smallholder BMPs for existing cultivation on Peat was discussed. Time frame for the first draft and review is set for January 2020.

ISH Standard latest standard on peat criteria

The working group addressed ISH standard for criteria 4.4 and 4.5

- Criteria 4.4 - Manual on subsidence monitoring. Proposed to be included under CH1: Water management. Specify that it is not an expensive method.
- Criteria 4.5 - How to guide/train smallholder on monitoring subsidence
- Guide ISH on how to monitor flood monitoring
- For Milestone B, there will be a need to add some guidance for risk assessment for future flooding. A simple flood tracking tool/table should be included.
- Suggestion to add tidal assessment (Saline intrusion).
- Propose to add “Alternative land development strategies” under CH1.

<p>3.</p>	<p>Updates and discussion on RSPO Drainability Assessment (DA) & review of other submission.</p>	<p>Co-chair mentioned that the procedure was circulated on the 11th of June 2019 which will formally be enforced from 15th November 2019. Thus, after 15th November 2019 they will need to send their methodology for review first.</p> <p>There will be 3 transition periods which is as shown in Annex 5.</p> <p>i) For companies that have <u>conducted DA and started replanting activities before 11th June 2019</u>, their assessment is accepted on the understanding that RSPO P&C 2013 already has the requirement to conduct DA and it is the company's responsibility to assess its risk before carrying out replanting.</p> <p>ii) For <u>DA conducted between 11th June'19 – 15th Nov'19</u>, DA report to be sent for review.</p> <p>iii) For DA conducted between 15th Nov to 19th Nov onwards, DA methodology to be sent for review. DA Assessment can only be carried out after the methodology gets approved.</p> <p>One of the issues that was brought up during Malaysia's National Interpretation (MYNI) discussion was if fragmented peat area still needs drainability. Secretariat will check internally and get back to WG on this.</p> <p>A scenario was discussed as example, where the assessment was conducted in 2018. This will cover till 2025 considering 5 years before replanting and additional 2 year for data collection. The findings from this DA should mean that from 2025 onwards there are 40 years more to go for re-planting instead of from 2018 when the assessment was conducted.</p> <p>WG also added that they need to look into guidance for CB when it comes to auditing for DA Assessment with regards to what to check to verify this requirement.</p>	<ul style="list-style-type: none"> • Share draft translation of DA procedure and audit guidance with WG members that are familiar with the language for comment/s. • Secretariat to develop ToR for training on DA, to include: <ul style="list-style-type: none"> a. Training module b. Site visit • To update the DA report with transition, note detailing different requirement by 3 different date lines. • Secretariat to pre-screen DA submissions to check for complete and adequate documentation as pre-review. • Secretariat will check internally if MYNI has any figure stated on drainability for fragmented peat area. 	<p>Document have been shared with WG, engaging with external reviewer to cross check on the terminology as well.</p> <p>Announcement on this was posted on web on 16th December 2019.</p> <p>Done and uploaded to website on 3rd March.</p> <p>Noted and this is the practise now.</p> <p>No figures are stated on this in MYNI.</p>
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		<p>Secretariat shared updates from DA submission as of 22nd October 2019.</p> <ol style="list-style-type: none"> 1. Indonesia – GAR, SIPEF, KLK 2. Malaysia – United Plantation and JC Chang <p>All the submissions have been reviewed except for JC Chang. RSPO methodology was not used for any of the assessment. Only KLK’s DA was approved to date.</p> <p>DA review and monitoring summary was shown to PLWG.</p> <ol style="list-style-type: none"> 1. The PLWG agreed that a single approval from reviewer will suffice for DA review. Two reviewer carries out review, but only one approval is needed, unless one reviewer rejects the DA or no information is attached. The PLWG mentioned that screening should be done by secretariat before DA is sent to reviewer. A simple checklist should be used for this purpose before documents are passed over. 2. KLK’s DA review checklist was shown to PLWG upon the agreement of KLK representative within the PLWG. The DA is approved. 3. The PLWG proposed for the secretariat to look at options of getting more reviewers due to increasing number of DA reviews summited. This reviewer will have to be trained as well especially on RSPO’s DA Methodology especially in the future when mostly RSPO’s methodology will be used. 4. The PLWG requested for status of training. The secretariat has already budgeted, and TOR is out. Currently waiting for any proposals. 5. Translation of DA Procedure to Bahasa Indonesia has been completed. Issues are being ironing out for purpose of accuracy of translation. Technical terms need proper translation. 	<ul style="list-style-type: none"> • Secretariat to also write to stated company to ask for continued permission of stated person to continue with review of DA for 1 year. • Secretariat to come up with pre-review checklist. • Secretariat to make a call for interest for DA reviewers. 	<p>Will be discussed over the meeting along with transition arrangement</p> <p>Done</p> <p>Will be discussed over the meeting along with transition arrangement</p>
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		<p>6. The PLWG has proposed for the secretariat to engage with KLK to review the translated DA Procedure with the inclusion of training. The first training will be held at latest by the first quarter of 2020.</p> <p>7. PLWG has proposed for webinars to be organised to gauge interest on face to face training. A proposal to have 3 trainings across Indonesian regions for a single training session should be considered.</p>		
4.	RSPO RT17 (2019) update	<p>Co-chair informed that Prep Cluster 7 which on the 1st day will be on peat and RSPO DA. It is 10 minutes presentation and the key items that will be discussed are to introduce the BMPs, the process and cut of year relating to RSPO DA.</p> <p>The PLWG addressed what will be required for the Prep Cluster presentation.</p> <ul style="list-style-type: none"> • 200 copies (100 for each BMP Vol 1 & 2) will be allocated for RT for the purpose of showcasing it and distribution. • DA will be highlighted during the Prep Cluster. • Peat Inventory will be highlighted during the Prep Cluster. • One slide for feedback will be included. • The next version of DA Procedure is anticipated in mid-2020 following feedback from grower which is after one-year transition period. 		
5.	Updates on RSPO Peat Inventory	<p>The secretariat provided an update on number of reports received:</p> <ul style="list-style-type: none"> • 41% of total planted area on peat was recorded. • All the 8 reports are from 5 companies. • All figures are reported based on the peat inventory submission (excel sheet). • 2 out of the 5 company have shared their peat area map (pdf). • 4 out of 5 companies have not shared their peat shapefile. 1 company's shapefile submission is under review with GIS desk. <p>The secretariat stated that for companies that have not shared SHP files, it is considered a Non-Conformance (if SHP is not submitted within</p>	<ul style="list-style-type: none"> • Secretariat to send reminder to targeted growers with peat. • To develop standard statement on sharing of peat shapefiles/maps which can be indicative first and refined as more accurate figures are available. 	<p>Few reminders were sent out on this.</p> <p>Done through email reminders.</p>

		<p>dateline). The PLWG co-chair requested for companies to submit within the stipulated dateline.</p> <p>A proposal to send individual emails to list of companies that the secretariat has in its list of growers with peat plantation was suggested.</p> <p>Emails should be a warning email for the companies that have not submitted SHP files. Based on an estimate, more than 90% of members have not reported.</p> <p>It was raised that there are accuracy issues relating to KLHK maps. The area and figures reported did not tally with actual area. A proposal for growers to send indicative map for unplanted area is made. Once survey is carried out for said areas, grower would be required to update the secretariat.</p>		
6.	Discussion on GA Resolution	<p>The title is Resolution GA16-6e: Submission of Peat Inventory by all RSPO "Grower" and "Processor and Trader" Members which is developed by GEC in conjunction by some WG members and on-members.</p> <p>The spirit of this resolution is to have a record of total uncertified peat area under the management of RSPO members. This is to show an overall credibility among RSPO Grower and Processor and Traders members regarding peat management whether certified or uncertified.</p> <p>Full resolution can be downloaded at https://www.rt.rspo.org/c/ga16-resolutions/</p> <ul style="list-style-type: none"> • A proposal is made to set aside time for co-chair to explain the resolution before voting is carried out (Before GA – At a grower’s caucus). The explanation is required for the purpose 		

		<p>of assuring growers that the data won't be published and will be only used internally.</p> <p>WG agreed that this will be part of membership process when they joined as member.</p>		
7.	<p>Discussion on Indonesia's new regulation on disclosing 3rd party supplier information</p>	<p>WG received clarification from Sawit Watch and World Resource Institute regarding this issue.</p> <p>WG agreed that HGU information should be excluded from public information however this does not hold any legal standing, so nothing is stopping companies from sharing the shapefile. The actual right over this matter is from a different ministry.</p>		
8.	<p>AOB:</p> <p>i) PLWG Budget</p> <p>ii) Communication materials</p>	<p>The breakdown is shown in Appendix 8, WG proposed for field visit.</p> <p>Gama Plantation was proposed for their exceptional performance as non-RSPO certified plantation. Ideally, the visit should include a smallholder plantation (Part of GAMA Plantation). Suggestion for a visit to Smallholder in Seruyan for JA was also made. More suggestions are to be proposed in time to come.</p> <p>The PLWG requested for a good model for benchmark that will be used for DA training that has already been budgeted for. Proposal to use KLK's assessment as a model during the workshop.</p> <p>1. PLWG discussed listed items below under AOB:</p> <ul style="list-style-type: none"> • Summary of peat BMP Vol 1 & 2 • Peat audit guidance has been translated to Bahasa Indonesia • The section on DSF was removed from summary. The whole summary has been 	<ul style="list-style-type: none"> • To arrange visit in 3rd week of February. Options to consider: <ul style="list-style-type: none"> a. Pt GAMA plantation b. GAR c. KLK d. Sime Darby (Sarawak) e. SPKS 	<p>Postponed due to Covid-19</p>

		<p>2. Peat Factsheet</p> <ul style="list-style-type: none"> Propose to add version number and date in the factsheet. Proposal was made for the factsheet to be printed and distributed for RT17. The comments from group was to be sent in by 25th October (Friday). <p>3. Peat poster (Only prioritised for Smallholder)</p> <ul style="list-style-type: none"> The secretariat has prepared 6 posters with contents only based in the Volume 2 of the BMP which was a decision made in the last meeting. The idea was to get the content refined and to gather pictures from the WG. The target audience for this poster will be growers used over training and roadshows. Suggestion is to shift this content to video format which can then be used in the sustainability college. Poster will be taken up as a suggestion for the Independent Smallholder WG to consider as part of their training material. <p>4. PLWG proposed to create a DA Factsheet</p> <p>5. Updates on Sustainability College videos and script</p> <ul style="list-style-type: none"> The videos need to be updated and reviewed to fully depict BMP 1, since the Volume 1 was prepared based on 2013 version of the BMP. Script for Water and Pest related issues is with the secretariat, but videos have not been created. Propose to cancel contract if the current standard of the video production is not increased. Another suggestion is to come up with power point format with pictures or with animation. 	<ul style="list-style-type: none"> PLWG proposed for the factsheet to be translated into Thai, Bahasa Indonesia, French and Spanish. To develop DA factsheet Sustainability college - verify the planned format/style of materials to be produced on Peat BMPs (WG to have a version focused more on photos and graphics rather than animated handwriting). Prioritise revision of BMP V1 materials in line with earlier PLWG inputs and Revised BMP manual 2018. 	<p>On-going (sent out this month).</p> <p>Done.</p> <p>Waiting for internal decision on who will be managing this project.</p> <p>Put on-hold</p>
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		<p>6. Status on national interpretation</p> <p>a. MYNI</p> <ul style="list-style-type: none"> • Issues on minimum size for DA raised. <p>b. Indonesia</p> <ul style="list-style-type: none"> • NI public consultation is closing today. A few days will be given to consolidate all collected data and suggestions. • DLW has been consulted on. <p>c. India, Ghana and Papua New Guinea</p> <ul style="list-style-type: none"> • No changes for Peat. Remain as before. <p>d. Mexico</p> <ul style="list-style-type: none"> • Changes in Annex 3 – scale of maps is not adequate to define this kind of soil (peat). Site-based analysis will be required. <p>7. Member of PLWG states that the NDTF raised issue about road being opened on peat area for fire management and mitigation.</p> <p>8. Issue raised on fire in conservation area not being able to be put off because there is no access to said area.</p>		
10.	Next PLWG Meeting Topics	<ul style="list-style-type: none"> • SH • Training materials • Site visit together with meeting – Tentative 17th – 21st Feb 2020 		

Annex 1: Meeting agenda and attendance sheet

10th PLWG meeting

Date: 23rd October 2019 (Wednesday)

Time	Agenda
9.30 am – 10.00 am	1. Review of previous meeting's minutes and progress on actions (30 minutes)
10.00 am – 11.00 am	2. Updates from ISH subgroup meeting on development of ISH peat bmp (60 minutes)
11.00 am – 11.30 am	Break (30 minutes)
11.00 am – 12.00 am	3. Updates and discussion on RSPO Drainability Assessment (DA) (60 minutes) & Review of other submission
12.00 pm – 12.30 am	4. RSPO RT'2019 update (30 minutes)
12.30 am – 1.00 pm	5. Updates on RSPO Peat Inventory (30 minutes)
1.00 pm – 2.00 pm	Lunch
2.00 pm – 2.30 pm	6. Discussion on Indonesia's new regulation on disclosing 3 rd party supplier information (30 minutes)
2.30 am – 3.00 pm	7. Gaps in transition and applicability of DA (30 minutes)
3.00 pm – 3.30 pm	8. AOB & next meeting (30 min)
3.30 pm – 4.00 pm	Break and meeting adjourn (30 minutes)

10th PLWG Meeting, 23rd October 2019


Aloft, KL Sentral, Malaysia

No	Name	Organisation	Signature
1.	Faizal Parish (co-chair)	GEC	
2.	Mohd. Faiz	GEC	
3.	Joshua Mathews (co-chair)	IOI Group	
4.	William Siow	IOI Group	
5.	Sim Choon Cheak	Sime Darby	
6.	Jason Foong	Kuala Lumpur Kepong Bhd (KLK)	
7.	Sin Chuan Eng	Kuala Lumpur Kepong Bhd (KLK)	
8.	Arif Sugandi	AAR (KLK)	
9.	Lim Sian Choo	Bumitama Gunajaya Agro	
10.	Gotz Martin	GAR	
11.	Kai Xiang Chin	Bunge Lodgers Croklaan	
12.	Julia Lo	Musim Mas	
13.	Almo Pradana	World Resources Institute (WRI)	
14.	Jason Hon	WWF Malaysia	
15.	Wida Nindita	Sawit Watch	
16.	Amir Afham	RSPO Secretariat	
17.	Devaladevi Sivaceyon	RSPO Secretariat	
18.	Krishnabalan	RSPO Secretariat	
19.			

Annex 2: Progress update from previous meeting


Progress Updates for 10th PLWG-2

23rd October 2019
Alofi, KL Santral



1

Review of minutes of meeting




2

Updates from ISH subgroup meeting

Agenda during the 1st meeting:


- Introduction by members and briefing
- Review of TOR
- Review of Workplan
- Discussion on key area for 2nd Peer SRP Manual



3

Updates from ISH subgroup meeting

Activity	Month											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Content development of the Peer SRP												
Workplan												
Development of audit question (maybe also guidance for group managers)												
Development of training material												
Finalisation of BMP, audit guidance and development of communication material												



4

Updates from ISH subgroup meeting


- Subgroup will be supporting till September 2020 to deliver the following outcomes:
 - BMP guidance for ISI cultivation on peat
 - ISI peat audit guidance
 - Outreach and capacity development for ISI
 - To support development of ISI Academy module relating to peat
- Watch ISI Peat BMP Manual for PLWG's confirmation.
- The proposed changes relating to ISI peat criteria has been reflected as per PLWG's suggestion.



5

Latest ISH standard on peat criteria

1. ISH 1.2.1.2.1.2	1. ISH 1.2.1.2.1.3	1. ISH 1.2.1.2.1.4	1. ISH 1.2.1.2.1.5
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6

RT-2019


11.11.2019 - 21.11.2019
Workshop: Winchell-Burgess Climate Change Check - 11/2019

Monday, 18.00pm - 4th November 2019
Preparatory Cluster 7 - Our Shared Planet
Peat and RSPo Drainability Assessment
 (Dr Pezet, Peat Action: Global Environment Centre)



7


Break – 30 minutes



8

Gaps in transition and applicability of DA

Item	Current requirement	Open 2 nd round
DA contained before 11 June 2019
DA contained 11 June 2019
DA contained 23 June 2019




9

Updates on Drainability Assessment review


Submission update as of 22nd October 2019

Country	Company	Reviewed	Status of Approval	RSPo Matchmaking
Indonesia	1. GARA	Yes	No	No
	2. SARP	Yes	No	No
	3. PIRA	Partially	No	No
Malaysia	1. Kambal Perikanan	Yes	No	No
	2. JC CHENG	No	No	No



10

Lunch – 30 minutes




11

Updates on RSPo Peat Inventory

Country	Company	Total peat area (ha)	Total peat area (ha) with DRP	Pre-verification		Others peat area (ha)
				Total confirmed area (ha)	Total unconfirmed area (ha)	
Indonesia		41770.00	34874.07	11338.07	6	10395.86
Malaysia		56859.00	7521.11	0.00	6	56241.89
Sumat		58427.00	58427.00	0.00	0	0.00
	ERIC					

- All the 3 companies have 2 certifications.
- All 3 companies are approved based on the post-verification submission (based on the).
- 2 out of the 3 companies have shared their peat area map (2/3).
- 1 out of 2 companies have not shared their peat area map; 1 company's mapping submission is under review with CSB team.



12

Discussion on Indonesia's new regulation



13

PLWG2 Budget FY20

Item	Category	Actual (IDR)	Commit (IDR)	Remaining (IDR)
...




14

AOB and Next Meeting


Communication materials to be reviewed:

- Summary of peat BMP Volume 1
- Summary of peat BMP Volume 2
- Peat factbook
- Peat poster
- Status on national interpretation



15

Break and Adjourn – 30 minutes



16

Annex 3: Updates from ISH subgroup meeting

Updates from ISH subgroup meeting



Agenda during the 1st meeting:

- Introduction by members and briefing
- Review of TOR
- Review of Workplan
- Discussion on key area for ISH Peat BMP Manual

Output	Sept'19	Oct'19	Dec'19	Jan'20	Feb'20	Mar'20	Apr'20	May'20	June'20	July'20	Aug'20	Sept'20
Content development of ISH Peat BMP Manual												
Designing works												
Development of audit guidance (maybe also guidance for group manager)												
Development of training material												
Translation of BMP, audit guidance and development of communication materials												

- Subgroup will be supporting till [September 2020](#) to deliver the following outcomes:
 - BMP guidance for ISH cultivation on peat
 - ISH peat audit guidance
 - Outreach and capacity development for ISH
 - To support development of SH Academy module relating to peat
- [Draft ISH Peat BMP Manual for PLWG's confirmation.](#)
- The proposed changes relating to ISH peat criteria has been reflected as per PLWG's suggestion.

Annex 4: Draft chapters for RSPO ISH Peat BMP for existing cultivation on peat

<p style="text-align: center;">[Draft]</p> <p style="text-align: center;">RSPO Smallholder Best Management Practices (BMPs) for existing oil palm cultivation on peat</p> <p>Content</p> <ul style="list-style-type: none"> • Guidelines to use BMP <ul style="list-style-type: none"> • Who should use this BMP? • How can GMs benefit from this BMP? • Introduction to Peat (GEC) <ul style="list-style-type: none"> • What is peat? • What are the physical characteristics of peat? • How to measure peat depth? <ul style="list-style-type: none"> • SOPs to measure peat depth • Identification of peatland landscape <ul style="list-style-type: none"> • Canal mapping for understanding of nearest river • Module 1: Water management (Jason and Pak Agiff) <ul style="list-style-type: none"> • Implication of poor water management • Recommended water table level • SOPs to maintain and measure water table level • Flooding risk assessment (simple flood tracking tool/table) <ul style="list-style-type: none"> • Alternative land development strategies • Tidal assessment (Saline intrusion) • Simple canal blocking structure • Managing water level at individual plot level and adjacent area • Subsidence pole – frequency of installing, example of what can be used as pole • Chapter 2: Fertilizer and nutrients management (Dr Joshua/In Yong) <ul style="list-style-type: none"> • Optimum fertilizer application guidance 	<ul style="list-style-type: none"> • Nutrient deficiency symptoms • Alternative fertilizer (application method and pictorial guidance) <ul style="list-style-type: none"> • Bunch ash • EFB • POM by-product (Decanter cake) • Chicken/cow dung • Access to micro-nutrients <ul style="list-style-type: none"> • Chapter 3: Pest and disease management and control (Dr Sim) <ul style="list-style-type: none"> • Pest and disease identification and biological treatment <ul style="list-style-type: none"> • Termit • Tirathaba • Ganoderma • Leaf eating pest • Rats • (Another common P&D) • Mitigation measures • Chapter 4: BMPs for operational issues (Dr Sim) <ul style="list-style-type: none"> • Treatment for leaning/fallen palm • Replanting techniques <ul style="list-style-type: none"> • Mechanized felling and chipping • Planting options (short para/reference) • Maintenance of harvesting path <ul style="list-style-type: none"> • Weed and ground cover management • Chapter 5: Fire prevention (Faizal/GEC) <ul style="list-style-type: none"> • Patrolling and monitoring – techniques • Fire prevention and control • Fire alert and response – FDRS system • Community fire response 	<ul style="list-style-type: none"> • Chapter 6: Implementing BMP <ul style="list-style-type: none"> • Extension services by companies <ul style="list-style-type: none"> • Training • Legality issues on drainage and water management <ul style="list-style-type: none"> • Stakeholder engagement • Government level support/aid <p>Annex</p> <p>(To add a disclaimer, note that this are list of recommended templates for monitoring)</p> <ul style="list-style-type: none"> • Recommended table/SOP for fire prevention and control plan • Recommended table/SOP for water table level monitoring <p>Case studies</p> <ul style="list-style-type: none"> - Managing saline water intrusion - How Assisted drainage - Fire in the field (Serena - GEC)
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Annex 5: Gaps in transition and applicability of DA



Gaps in transition and applicability of DA

Item	Current requirement	Gaps (if any)
DA conducted before 11 June 2019	DA assessment accepted if: <ul style="list-style-type: none"> • DA done before 11 June 2019 • Replanting activities started before 11 June 2019 	DA conducted before 11 June 2019: <ol style="list-style-type: none"> Replanting activities not started DA report covers multiple years (e.g. replanting from 2018-2025)
DA conducted 11 June -15 Nov 2019	To send DA report (other method) to PLWG2 for review. Planting to start after passing the review; OR Conduct DA based on RSPO methodology & submit to RSPO (for DA procedure revision purposes only)	
DA conducted 15 Nov 19 onwards	To send DA methodology to PLWG2 for review. Once approved, DA can be conducted using the approved methodology; OR Conduct DA based on RSPO methodology & submit to RSPO (for DA procedure revision purposes only)	



Updates on Drainability Assessment review

Submission update as of 22nd October 2019



Country	Company	Reviewed	Status of Approval	RSPO Methodology
Indonesia	1.GAR	Yes	No	No
	2.SIPEF	Yes	No	No
	3.KLK	Partially		
Malaysia	1.United Plantation	Yes	No	No
	2.JC Chang	No		



Updates on RSPO Peat Inventory

Reports	Country	Total planted area	Pre-verification			
			Total planted area on peat	Total conserved area on peat	Total rehabilitated area on peat	Other on peat
6 reports	Indonesia	61170.66	34625.27	3335.37	0	1008.38
2 reports	Malaysia	28396.58	1732.1	12.01	0	83.61
	Total	89567.24	36357.37	3347.38	0	1091.99

41%

- All the 8 reports are from 5 companies.
- All figures are reported based on the peat inventory submission (excel sheet).
- 2 out of the 5 company have shared their peat area map (pdf).
- 4 out of 5 companies have not shared their peat shapefile. 1 company's shapefile submission is under review with GIS desk.



PLWG2 Budget FY20

Budget spent (FY ending 30 June 2020)

B. Code	Description	Budget (RM)	Spent (RM)	Breakdown
ER008	PLWG	306,000	PLWG + ISH Meeting - 9165.80	1) PLWG meeting – RM55,000.00 2) SH Peat BMP – RM 180,000.00 3) Peat training (DA) – RM 71,000.00
	Total	306,000		