

**Annex 14. Template for Annual Report**



**PROJECT ANNUAL REPORT**  
1<sup>st</sup> July 2021 to 31<sup>st</sup> December 2021

**<Project Profile>**

<b>Project Code</b>	AFoCO/023/2021
<b>Project Title</b>	<b>Innovative Solutions for Climate Change and Biodiversity Landscape Strategy to Support SDGs in Indonesia</b>
<b>Project Duration</b>	Start date: 1 July 2021 End date: 30 June 2024
<b>Implementing Agency</b>	Center for Standardization of Sustainable Forest Management Instruments, Agency for Standardization of Environment and Forestry Instruments <i>(Prior to internal organizational restructuring: Forest Research and Development Center (FRDC), Ministry of Environmental and Forestry)</i>
<b>Proponent Country</b>	Indonesia
<b>Project Site</b>	1. Tropical peatlands forest of Forest Area with Specific Purpose of Kepau Jaya and Forest Management Unit of Minas Tahura in Siak district, Riau Province; 2. Mangrove ecosystem in Bali (before) and relocated to West Nusa Tenggara Province; 3. Karst and lowland ecosystem of Forest Management Unit of Bulusaraung, in Maros district, South Sulawesi province
<b>Target Area<sup>1</sup></b>	Primary target area: Priority Area 2 – Supporting research and development in climate change approaches Secondary target area: Priority Area 1 – Initiating customized restoration and reforestation models
<b>Budget and Source of Finance</b>	Total: US\$ 800,000 - AFoCO: US\$ 700,000 - National: US\$ 100,000 - Others: US\$ 0
<b>Annual Budget and Source of Finance</b>	Total: US\$ - AFoCO: US\$ 124,099 - National budget: US\$ 21,600 - Others: US\$ 0

**<Implementing Agency Profile>**

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<sup>1</sup> Refer to the list of target areas which is in accordance with the objectives and prevailing strategic plan of AFoCO (provided by the Secretariat).

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<b>Project Staff</b>	Ms. Husnul Khotimah	Program officer
	Ms. Angelina Pasaribu	Finance Officer
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### **Notes to the Authors & Readers**

The project annual report intends to support the Implementing Agency (IA) exercise good management by providing regular, timely and relevant information on the project's progress and achievement. The report also aims to provide a tool for the senior management of the IA and the AFoCO, including the Assembly and the Secretariat, to review, assess and provide guidance in the progress of project implementation.

The project annual report should include the description of activities started or completed during the period covered, and the costs incurred. The report will also elaborate the technical and scientific data used, their analysis, and results/recommendations. The report is recommended to provide elaborations on the achievements following the given format, however the addition or revision of items is allowed in pursuit of more effective and transparent delivery of project results.

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## 1. Project Overview

The project aims to introduce innovative solutions on sustainable management practices and enhance the capacities of Forest Management Units (FMUs) and local communities on contributing to Indonesia's emissions reduction targets and improve biodiversity landscapes to support the achievement of the Sustainable Development Goals (SDGs), in particular SDGs 1, 8, 13 and 15.

### Objectives:

- a) To establish baseline information by mapping the existing biophysical (spatial temporal), socio-economic condition (before and after the project), and potency of natural resources in the three study sites in the beginning of the project;
- b) To facilitate the preparation of business plans of the Forest Management Units (FMUs) at three study sites;
- c) To develop demonstration plots of at least 10 ha in each study site for carbon stock enhancement in FMUs or Forest Area with Specific Purpose (KHDTK) areas;
- d) To transfer techniques and raise awareness of project model establishment to relevant stakeholders through synthesis of knowledge and experiences, recommendations on policy practices, and dissemination of project outputs.

### Expected Outputs:

- Map of existing biophysical condition and baseline data of biophysical condition of three study sites (Riau, West Nusa Tenggara, and South Sulawesi) produced through GIS mapping and analysis by first semester of Year 2
- Current status and baseline data of socio-economics condition of three study sites (Riau, West Nusa Tenggara, South Sulawesi) made available by first semester of Year 2
- Commodities that have good market opportunities identified in three study sites by semester1 Y2
- Strengthened capacity of FMUs and community in business plans development at three study sites
- Developed Business Plans of the FMUs in three study sites
- Three sites for demonstration plot establishment appropriately located and technically designed
- Demonstration plots in 3 types area established in three sites at least 10 ha each site
- Demonstration plot at each project site is well maintained and monitored at the interval of 6 months after planting
- Technique and awareness of project model transferred to project stakeholders through workshops, policy briefs and publications

## 2. Implementation Progress

### 2.1. Overall Progress & Review of Performance (2021)

Activity No.	Activity	Timeline	Performance Indicators		Percentage Executed (Financial performance)	Progress Description
			Baseline	Achieved		
<b>Objective 1</b> To establish baseline information by mapping the existing biophysical (spatial temporal), socio-economic condition (before and after the project), and potency of natural resources in the three study sites in the beginning of the project						
Output 1. Map of existing biophysical condition and baseline data of biophysical condition of three project sites (Riau, Bali, and South Sulawesi) produced through GIS mapping and analysis by first semester of Year 2						
1.1	Inception meeting	Q4 2021	Meeting between IA, PSC and relevant stakeholders	Meeting between IA, PSC and relevant stakeholders	100% (100%)	Activity completed as planned with total budget \$ 957.30 was 100% used. This activity in the form of PSC Meeting with budget \$ 873.02 for PSC Meeting 1 <sup>st</sup> , and the rest of budget was allocated to support the 2 <sup>nd</sup> PSC Meeting around \$ 84.28. The decision to allocate the rest of budget to the 2 <sup>nd</sup> PSC meeting has been discussed and agreed by AFoCO Secretariat as noted in the ROD of the 2 <sup>nd</sup> PSC meeting point number 12.
1.2	Kick off meeting	Q4 2021	Meeting between IA, PSC and relevant stakeholders	In combination with Stakeholder meeting (Activity 1.3, 27-29 September 2021)	100% (51.71%)	Activity 1.2 was conducted simultaneously with Activity 1.3 in 27-29 September 2021. Therefore the budget of these

						activity combined as noted in the stakeholder meeting financial report about \$ 2,643.71, it consists of \$ 875.51 (51.71%) from budget of activity 1.2 and \$1,768.20 (100%) from budget of activity 1.3. This decision has been reported in the Monthly Update of September 2021
1.3	Stakeholders meeting	Q4 2021	Meeting between IA and site coordinator	Meeting between IA and site coordinator on 27 September (Riau), 28 September (South Sulawesi) and 29 September (Bali)	100% (100%)	Activity completed and conducted simultaneously with Activity 1.2. in 27-29 September 2021. Therefore the budget of these activity combined as noted in the stakeholder meeting financial report about \$ 2,643.71, it consists of \$ 875.51 (51.71%) from budget of activity 1.2 and \$1,768.20 (100%) from budget of activity 1.3. This decision has been reported in the Monthly Update of September 2021
1.4	Collect and analyze data and information for scoping and spatial analysis	Q4 2021	<ul style="list-style-type: none"> <li>• Three meetings /consultations with the local government/FMUs.</li> <li>• Maps and Data sets for each project site obtained from the scoping and spatial analysis</li> </ul>	<ul style="list-style-type: none"> <li>• Two consultations with the local government (Riau and South Sulawesi)</li> <li>• Maps and Data sets in Riau and South Sulawesi obtained from the scoping and spatial analysis</li> </ul>	66.67%; (39.04%)	<p>The activities 1.4 in three locations were not completed as planned. The executed activities were</p> <ul style="list-style-type: none"> <li>• the data collection and field surveys in Riau (completed)</li> <li>• The first survey in South Sulawesi. In addition, the 2<sup>nd</sup> surveys will be carried out in January/February 2022.</li> </ul>

						<ul style="list-style-type: none"> <li>While the activity 1.4 in Bali, was postponed due to the finding of Activity 6.1 PRA tree-site matching showed that the mangrove area for project was unavailable. The activity 1.4 in Mangrove area will be carried out following the follow-up for the new location for mangrove Ecosystem in Q1 2022.</li> </ul>
1.5	Collect and analyze baseline data and information of carbon stock, emission, biodiversity; and identification of potential commodities in three sites (Riau, West Nusa Tenggara, South Sulawesi)	Q4 2021	<ul style="list-style-type: none"> <li>Baseline dataset of carbon stock and emission assessment before project obtained within 6 months Q4 of Y1</li> <li>Baseline dataset of biodiversity assessment before project in three sites (Riau, Bali, South Sulawesi) obtained within 6 months Q4 of Y1</li> <li>Potential commodities list based on site resources obtained within 6 months Q4 of Y1</li> </ul>	<ul style="list-style-type: none"> <li>Data collection of baseline carbon stock and emission assessment before project in two sites (Riau and South Sulawesi)</li> <li>Data collection of baseline biodiversity assessment before project in two sites (Riau, and South Sulawesi)</li> <li>Data collection of potential commodities list based on site resources in two sites (Riau, and South Sulawesi)</li> <li>Data analysis is on-going</li> </ul>	50% (22.26%)	<p>The activities 1.5 in three locations were not completed as planned. The executed activities were:</p> <ul style="list-style-type: none"> <li>the data collection and field surveys in Riau (completed)</li> <li>The first survey in South Sulawesi. In addition, the 2<sup>nd</sup> surveys will be carried out in January/February 2022.</li> <li>While the activity 1.5 in Bali, was postponed due to the finding of Activity 6.1 PRA tree-site matching showed that the mangrove area for project was unavailable. The activity 1.4 in Mangrove area will be carried out following the follow-up for the new location for mangrove Ecosystem in Q1 2022.</li> </ul>
Objective 3. To develop demonstration plots for carbon stock enhancement in FMUs or Forest Area with Specific Purpose (KHDTK) areas 10 ha each site in Q4						

of Y1						
Output 6. Three sites for demonstration plot establishment appropriately located and technically designed						
6.1	Participatory rural appraisal (PRA) on demonstration plant site matching	Q4 2021	<ul style="list-style-type: none"> <li>Participant of 25-30 farmers at each site</li> <li>One FGD at each project site to select plant species based on tree-site matching and other criteria.</li> </ul>	<p>① Tropical peatland site in Riau Province</p> <ul style="list-style-type: none"> <li>FGD at Minas Tahura FMU conducted from 8-9 Desember for 2 days to selected plant species based on tree-site matching and other criteria</li> <li>FGD at Kepau Jaya Forest Area with Specific Purpose conducted from 18-19 November 2021 for 2 days to select plant species based on tree-site matching and other criteria</li> </ul> <p>② Mangrove site in Bali*</p> <ul style="list-style-type: none"> <li>The first survey through verification and validation of site area status in Bali carried out in December found that the planned area in Tahura Ngurah Rai was not feasible legally because most of the area are associated with other projects/programs. While the other potential areas</li> </ul>	66.67%; (31.94%)	<p>The activities 6.1 in three locations were not completed as planned. The executed activities were the first surveys in Riau, South Sulawesi, and Bali.</p> <p>The 2<sup>nd</sup> surveys in Riau and South Sulawesi will be carried out in January/February 2022.</p> <p>The first survey of Activity 6.1 in Bali found that the mangrove area for project was unavailable because most of mangrove areas in Bali were already planned and associated for other activities (as noted in the ROD of the 2<sup>nd</sup> PSC Meeting). The activity 6.1 in Mangrove area will be carried out following the follow-up action for the new location for mangrove Ecosystem in Q1 2022 (potential project in West Nusa Tenggara).</p>

				<p>in Bali are planned for other activities.</p> <p>③ Karst lowland site in South Sulawesi</p> <ul style="list-style-type: none"> <li>• FGD at South Sulawesi conducted on 23 December 2021 (about 50 participants)</li> </ul>		
Output 7. Demonstration plots in 3 types area established in three sites at least 10 ha each site						
7.1	Establishing demonstration plots	Q4 2021	<p>-Planting stocks individuals by species at least 5000 seedlings per site</p> <p>-Temporary nurseries are established</p> <p>-Planting seedlings</p>	<p>① Tropical peatland site in Riau Province</p> <ul style="list-style-type: none"> <li>• Survey for demo-plot site establishment in Riau in FMU Minas Tahura and KHDT Kepau Jaya</li> <li>• Discussion with stakeholders for site selection</li> <li>• Expected demo-plot establishment in Q1 2022</li> </ul> <p>② Mangrove site in Bali (before)*</p> <ul style="list-style-type: none"> <li>• Demostration plot establishment in Mangrove ecosystem was postponed due to unavailable area for plantation in Bali Province as the survey result from Activities 6.1 PRA tree site matching activity.</li> </ul> <p>③ Karst lowland site in South</p>	33.33% (5.63%)	<p>1. The initial activity for Tropical peatland demonstration plot establishment in Riau was accomplished by first field survey to find the potential sites and discussion with stakeholder to communicate about the project and demonstration plot plan then decided the chosen areas for demonstration plot, namely 5 ha in FMU Minas Tahura and KHDTK Kepau Jaya. The next preparation such as demplot design, planting stocks, seedlings, establishment of temporary nursery will be carried out in Q1 of 2022.</p> <p>2. Mangrove site in Bali was canceled due to unavailable</p>

				<p>Sulawesi</p> <ul style="list-style-type: none"> <li>• Survey for demo-plot site establishment in Makasar, South Sulawesi</li> <li>• Discussion with stakeholders for site selection</li> <li>• Expected demo-plot establishment in Q1 2022</li> </ul>		<p>area for 10 ha plantation. Therefore the project management will looking for another option in Mangrove Areas in West Nusa Tenggara which has similar condition with Mangrove ecosystem in Bali.</p> <p>3. The initial activity for demonstration plot establishment in Karst ecosystem site in South Sulawesi was accomplished by first field survey to find the potential sites and discussion with stakeholder to communicate about the project and demonstration plot plan then decided the chosen areas for demonstration plot, namely 10 ha in FMU Bulusaraung, Makassar, South Sulawesi. The next preparation such as demplot design, planting stocks, seedlings, establishment of temporary nursery will be carried out in Q1 of 2022.</p>
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Objective 4: To transfer techniques and awareness of project model establishment to relevant stakeholders through Synthesis, policy practice recommendations, and disseminations						
Output 9. Technique and awareness of project model transferred to project stakeholders through workshops, policy briefs, and publications						
9.3	Review, monitoring, evaluation: mid-term, annual review, and reporting substance and financial	Q4 2021	<ul style="list-style-type: none"> <li>Review, monitoring, evaluation: mid-term, annual review, and reporting substance and financial</li> </ul>	2 <sup>nd</sup> PSC meeting in 22 December 2021	16.67% (5.50%)	The second PSC meeting was accomplished 2021. The full report noted in the ROD of the 2 <sup>nd</sup> PSC meeting. The total budget for this activity was \$1,183.50, it consists of \$1,099.22 (5.5%) from 9.3 and \$84.28 from activity 1.1. The decision to allocate the rest of budget to the 2 <sup>nd</sup> PSC meeting has been discussed and agreed by AFoCO Secretariat as noted in the ROD of the 2 <sup>nd</sup> PSC meeting point number 12.
9.4	Management for support operation	Q4 2021	Office supplies, computers, AIO printer with scanner, subscribe to Wifi/internet connection, LCD projector, drone, camera, consumables, and domestic duty travel	Office supplies, computers, AIO printer with scanner, camera, LCD projector, and consumables	16.67% (25.46%)	Other office supplies purchasement will be carried over to 2022 (drone, GPS, board, cabinet)
9.5	Staff resources	Q4 2021	<ul style="list-style-type: none"> <li>Monthly salary receipts</li> <li>Bills and receipts of all expenditure.</li> </ul>	<ul style="list-style-type: none"> <li>Monthly honorarium receipts</li> <li>Bills and receipts of all expenditure.</li> </ul>	16.67%; (15.45%)	Montly honorarium for Project Coordinator, Program offier, administration staff, and finance staf were already paid for 6 months (July-December 2021). This percentage is refer to total budget for 3 years project.

## 2.2. Key Decisions of PSC undertaken (1<sup>st</sup> and 2<sup>nd</sup> PSC)

Main Issues	Decisions	Follow-up Actions
The IA should revise the PIP matrix and WBP with the correct budget amounts indicated accurately for each year in all sheets in the PIP excel sheet.		The IA have revised the PIP matrix and WBP with the correct budget amounts indicated accurately for each year in all sheets in the PIP excel sheet.
Regarding the establishment of demonstration plots (Activity 7.1), the IA is requested to provide the information on tree species to be planted and the exact coordinates of the demonstration plot locations upon its availability.		Regarding the establishment of demonstration plots (Activity 7.1), the IA (with the assistance of National Experts and FMUs) have surveyed site locations for demo-plot establishment. In Riau, where interview and FGD with farmers group have already been done, some tree species have been identified. The exact coordinates of the demonstration plot location in one site of Kepau Jaya FWSP has been determined. Other sites (Bali and South Sulawesi) are being in progress.
The Secretariat suggested that the project budget include the in-kind contribution of the government of Indonesia of USD 100,000 as part of the total project budget.		The IA have reported the yearly breakdown in-kind contribution of the government of Indonesia of USD 100,000 as part of the total project budget (sent by email in 18 November 2021).
Upon clarification and responses made by the IA, the Meeting agreed to conditionally approve the Annual WBP for 2021.	The 1 <sup>st</sup> budget transferred amount of US\$ 124,099.	Budget 2021 has been transferred on 29 September 2021 to project bank account in Indonesia.
The development of Business Unit (BU) should be considered as a BU operated by the community, not by FMU.		Regarding the change in law and regulation in Indonesia, a new role of FMU is as facilitator; the project will work closer with community groups in three sites for developing business models and other activities (developing demo-plot and capacity building).
About the output 1 in the Annual WBP for 2021, that is related to the work of the Directorate of IMRV-GHG. The implementation will be carried out based on existing methods and the activities will be conducted in close consultation with the Directorate IMRV-GHG.		Regarding to output #1: To establish baseline information by mapping the existing biophysical (spatial temporal), socio-economic condition (before and after the project), and potency of natural resources in the three study sites in the beginning of the project, the IA is assisted by National Expert, the researchers of BSI-LHK, are using the existing methods of carbon accounting and emission prediction.

<p>Owing to reorganization of the Ministry of Environment and Forestry, AFoCO project is currently being organized by the Center for Standardization of Sustainable Forest Management Instrument, under the Agency for Standardization of Environment and Forestry Instruments.</p>	<p>The AFoCO Secretariat has acknowledged and clarified that the new National Focal Point (NFP) and Head of the PSC team is Mr. Ary Sudijanto and Dr. Wening Sri Wulandari is the new representative of Indonesia to AFoCO Secretariat.</p>	<p>The IA has sent an official letter signed by Acting Director (Dr. Wening Sri Wulandari) due to the reorganizational of the Ministry of Environment and Forestry. The organizational structure of PSC member in Rules of Procedure (ROP) file is being revised.</p>
<p>The IA needs approval for demo-plot establishment out of the planned location, particularly for mangrove in Bali site and South Sulawesi which under 10 ha. The IA suggested/replanned the location on Bali site of demo-plot to South Bali FMU and/or West Bali FMU. Dr. Hesti and team already had a survey there, and there is a potential area in West Bali FMU, but still need discussion with Unda Anyar Watershed Management Center Bali. Demo-plot in South Sulawesi will be built in Maros district first, if the area in Maros district is less than 10 ha, we planned to build the rest of the demo-plot area in Pangkep district.</p>	<p>AFoCO Secretariat and also PSC Members can accept this clarification.</p>	<p>The IA will then determine a fixed location for the demo-plot establishment, and will inform the AFoCO secretariat along with the coordinates of the location.</p>
<p>The IA needs approval for delaying drone procurement and plan to buy a better quality, which is higher cost than planned budget.</p>	<p>AFoCO Secretariat suggested procurement for drone to look the condition of COVID-19 in Indonesia next year (budget saving caused by further COVID-19 condition).</p>	<p>The IA will look forward about the condition of COVID-19 in Indonesia next year before purchase the drone.</p>
<p>AFoCO Secretariat (Ms. Jiyea Cha) needs clarification from the IA about (Activity 9.3.) Part of Review Monitoring in Midterm on 2022 budget is used for this 2nd PSC Meeting, because on the PIP Matrix/project document it is planned in 2022.</p>	<p>The IA answered with help from Mr. Orlando that the 2nd PSC is supposed to be in next year (January/February 2022), and use the budget in December 2021, because that was unforeseen based on IA previous report.</p>	<p>The IA used 5.50% of budget allocated for Activity 9.3 as 2<sup>nd</sup> PSC meeting in 22 December 2021.</p>
<p>Representative from Agency for Standardization Instrument Secretariat (Dr. Yayuk), talked about the reorganization of MoEF, Republic of Indonesia, and suggested to re-adjust the implementation agreement between AFoCO</p>	<p>The IA (Dr. Hesti) responded positive suggestion from Dr. Yayuk, and explained that the results of activity 1.4 and 1.5 will be as scientific evidences of those issues and can be used as materials for develop standard of FOLU net sink.</p>	<p>The IA are will try to coordinate with AFoCO Secretariat to re-adjust the implementation agreement for AFoCO/023/2021 Project</p>

<p>and implementing agency (change from FRDC to the Center for Standardization of Sustainable Forest Management Instrument). She also reminded about Indonesia Forest and Other Land Uses (FOLU) net sink and project will accommodate the suggestions. The result of the project can be scientific based for standardization of those issues.</p>		
<p>Representative from Riau Province Environment and Forestry Service (Mr. Danang) needs a clarification about possibility of the demonstration-plot establishment (rehabilitation) from former oil palm plantation land, and about activity that covers community livelihood improvement, since it is important.</p>		<p>The IA responded, the project has the activity to support livelihood in 2022 (activity 4.3. and 4.4). The site of Forest with Specific Purposes of Kepau Jaya, in Riau Province, has been cut and planted with oil palm illegally. The demo-plot that will be established there, will be as a show-window of forest rehabilitation with enrichment planting.</p>
<p>AFoCO Secretariat shortly present on Analysis of the Project Implementation Plan (PIP) Matrix 2021, this talked about the general status of the project in relation to the target of the project, budget and compare to budget plan until end of project.</p>	<p>It is a good performance of 2nd semester of 2021.</p>	-
<p>The IA propose to reschedule activity 9.1 (organizing workshop for mid-term project results) from Q4 Y2 to Q1 Y3.</p>	<p>AFoCO Secretariat approved the request from the IA to reschedule activity 9.1 (organizing workshop for mid-term project results) from Q4 Y2 to Q1 Y3.</p>	<p>The IA shall re-organize budget CY 2022.</p>
<p>The IA, suggested the PSC to adopt the results and accomplishment of 2021, approves WBP of 2022, and continue to support and allow some flexible activities such as virtual meeting and/or training budget.</p>	<p>The secretariat generally approved WBP 2022, but please remind the Coping COVID-19 guidelines. It put consideration COVID-19 condition in each Implementing Agency. AFoCO continue to support and allow some flexible activities to adapt with COVID-19 circumstances, such as virtual meeting and/or training. No more left-over budget. The Secretariat requested to schedule a meeting in February 2022 just to maintain the utilized budget that carried out from 2021, and would like to support</p>	<p>Further, the IA will organize a meeting in February 2022 to report the utilization of carry-over budget from 2021. The final WBP will be sent to Secretariat on 2nd week of January 2022.</p>

	amount and transfer in February 2022 for Q1 and Q2 CY 2022.	
Representative from Riau Province Environment and Forestry Service (Mr. Danang) needs an answer about the field activity of this project under COVID-19 situation.	AFoCO have a coping COVID-19 guidelines for undergoing project include AFoCO/023/2021 especially on virtual meeting and/or training.	
AFoCO Secretariat looking forward for promotions materials like video brief, news articles, brochure, showcase best practices, and also research article based on our project (two times, 1 article in semester 1 and 1 article in semester 2). The format of all those documents could be found at AFoCO website.		The IA has produced one publication, an Info Brief about AFoCO/023/2021. It will be submitted in 2 <sup>nd</sup> week of January 2022 along with Annual Report 2021.
According to WBP 2022 approved at the 1 <sup>st</sup> AFoCO assembly, secretary will develop the project management information system. Please inform the location (including coordinate) of project to be input in the general information.		Coordinates of Demo-plots: 1. Peatland site in Riau Province 1a. Kepau Jaya FWSP, Riau province: 0°1'30" N and 101°27'30" E. 1b. Minas Tahura FMU, Riau province (tentatively): 0°47'37" N and 101°38'10" E. 2. Mangrove Site Potential site in West Nusa Tenggara Province. 8°43'14.2° S 117°49'09.2° E 3. Karst Site in South Sulawesi Bulusaraung FMU (Maros District), South Sulawesi Province: 05.099504° S 119.748408° E. .
AFoCO Secretariat proposed next PSC Meeting to be held on December 2022 in Bali, Indonesia.		The IA will review the budget and arrange the next 3rd PSC Meeting in Bali, and hoping that COVID-19 has over.

### 3. Issues & Lessons Learned

Description of Issues	Actions Taken and Lessons Learned
<ul style="list-style-type: none"> <li>Site selection for demo-plot needs strong coordination with FMUs and community.</li> <li>The criteria for potential project area must be clear from conflict tenurial and was not associated or not tied to other projects (mangrove case in Tahura Ngurah Rai, Bali)</li> </ul>	<ul style="list-style-type: none"> <li>The IA needs to strengthen coordination with site counterparts, national experts, and FMUs. Local communities should be involved since the beginning of the project.</li> <li>The existing set of criteria has been improved/ revised to the potential area must be feasible administratively with indicative not associated or not tied to other projects.</li> </ul>
<ul style="list-style-type: none"> <li>The available potential area for peatland demonstration plot establishment in KHDTK Minas Tahura in Riau not up to 10 ha. Therefore the project management searched for another potential area in FMU Kepau Jaya. But the available potential areas in Kepau Jaya was scattered not in the one stretch and the forest cover more than 90% with low stand densities</li> </ul>	<ul style="list-style-type: none"> <li>The demo-plot of peatland will be established in twolocations, 5 ha in KHDTK Minas Tahura and 5 ha in Kepau Jaya with enrichment planting method</li> </ul>
<ul style="list-style-type: none"> <li>Community group in South Sulawesi site has not been established yet</li> </ul>	<ul style="list-style-type: none"> <li>The community group strengthening will be carried out by team from Activity 6.1 PRA tree-site matching. The community group will be involved as a partner project.</li> </ul>

### 4. Outcome and Impact of Project Activities

The outcome and impact of the project cannot be determined yet, since AFoCO/023/2021 project has just started in July 2021, and being technically implemented in October 2021.

### 5. Conclusion and Recommendation

#### a. Conclusions:

- Target activities in 2021 cannot be achieved as planned due to delay of administration procedure following national regulation, which affected fund disbursement from AFoCO Secretariat.
- Activities of 6.1 and 7.1. Demonstration plot establishment needs assessment and consultation with stakeholders to get consensus. The overall progress and follow-up actions planned in 2022 is as follows:

Project Site Location	Progress in 2021	Actions to be taken in 2022
① Tropical peatland site in Riau Province	<ul style="list-style-type: none"> <li>The data collection and field survey of scoping and spatial analysis (Act 1.4) and carbon stock assessment (Act 1.5) are completed</li> <li>The first survey of PRA tree site matching (Act 6.1) and demonstration plot establishment (Act 6.2).</li> </ul>	<ul style="list-style-type: none"> <li>The writing report of Act 1.4 and Act 1.5 (deadline in Februari 2022)</li> <li>The FGD to design the demonstration plot with the community in Act 6.1 (including design plot, species names, and number of seedlings)</li> </ul>

	<ul style="list-style-type: none"> <li>The project management and national experts decided to establish demo-plot in two location, FMU Minas Tahura and KHDTK Kepau Jaya</li> </ul>	<ul style="list-style-type: none"> <li>Preparation of demo-plot site such as demplot design, planting stocks, seedlings, establishment of temporary nursery will be carried out in Q1 of 2022</li> </ul>
② Mangrove site (before in Bali, then relocated to West Nusa Tenggara)	<ul style="list-style-type: none"> <li>The first survey of Act. 6.1 was carried out in December 2021 and found that the nominated area in Tahura Ngurah Rai is not feasible due to still tied to other programs/project with MOU (administratively the new project cannot enter the area). While the other potential areas in Bali were limited and already have planned to another restoration program.</li> <li>The activity 1.4, Activity 1.5 and Activity 6.2 which were scheduled before to be held in Q4 2021 were postponed, then wait for the follow-up action to find other new potential sites in West Nusa Tenggara, which have similar condition with mangrove ecosystem in Bali.</li> </ul>	<ul style="list-style-type: none"> <li>The follow up action to find new site for mangrove demplot in West Nusa Tenggara</li> <li>The Activity 1.4; Activity 1.5; Activity 6.1 and Activity 6.2 will be carried out in Q1 2022</li> </ul>
③ Karst lowland site in South Sulawesi Province	<ul style="list-style-type: none"> <li>The first surveys and data collection of Activity 1.4; Activity 1.5; Activity 6.1; and Activity 6.2 were implemented,</li> </ul>	<p>The second survey and data collection of Activity 1.4; Activity 1.5; Activity 6.1 will be carried out in Q1 of 2022</p> <p>The Preparation of demo-plot site (activity 6.2) such as demplot design, planting stocks, seedlings, establishment of temporary nursery will be carried out in Q1 of 2022</p>

- Unfinished activities in 2021 will be carried over and continued to 2022.
- The budget for 2021 is USD 124,099: utilized budget = USD 42,422.51; savings and carryover budget (unspent) = USD 81,674.23\*.  
*\*This will be carried over to 2022 for incomplete activities in 2021*

b. Recommendation:

- The IA needs approval to relocate demo-plot establishment for mangrove from Tahura Ngurah Rai, Bali to West Nusa Tenggara.
- Considering that the IA already has drone, it is likely that drone purchases will be diverted for field equipment to monitor permanent biomass measurement plot in Forest Management Unit such as GPS, clinometer, altimeter.

6. Photo Records



Activity 1.4 in Riau (Remote sensing and GIS data collection)



Activity 1.4 in South Sulawesi (Remote sensing and GIS data collection)



Activity 1.5 in Riau (Carbon stock, emission and biodiversity data collection)



Activity 1.5 in South Sulawesi (Carbon stock, emission and biodiversity data collection)



Activity 6.1 in Kepau Jaya FWSP, Riau Province (PRA on tree-site matching)



Activity 6.1 in Mandi Angin village, FMU Minas Tahura (PRA on tree-site matching)



Activity 6.1 FGD in Tala-tala Village, FMU Bulusaraung, South Sulawesi Province (PRA on tree-site matching)



Activity 6.1 Survey site location in Jungutbatu village, FMU Bali Selatan, Bali



Activity 7.1. Survey site location in FMU Minas Tahura (demo-plot establishment)



Activity 7.1. Survey site location in FMU Bulusaraung (demo-plot establishment)



Coordination with partners of FMU Minas Tahura, Riau Province



Coordination with partners of FMU Bulusaraung, South Sulawesi Province



Coordination with partners of FMU West Bali, Bali Province



Coordination with partners of FMU South Bali, Bali Province

## 7. Appendices

### **Appendix 1. Updates on Key Activities**

7.1. Updates on the project map

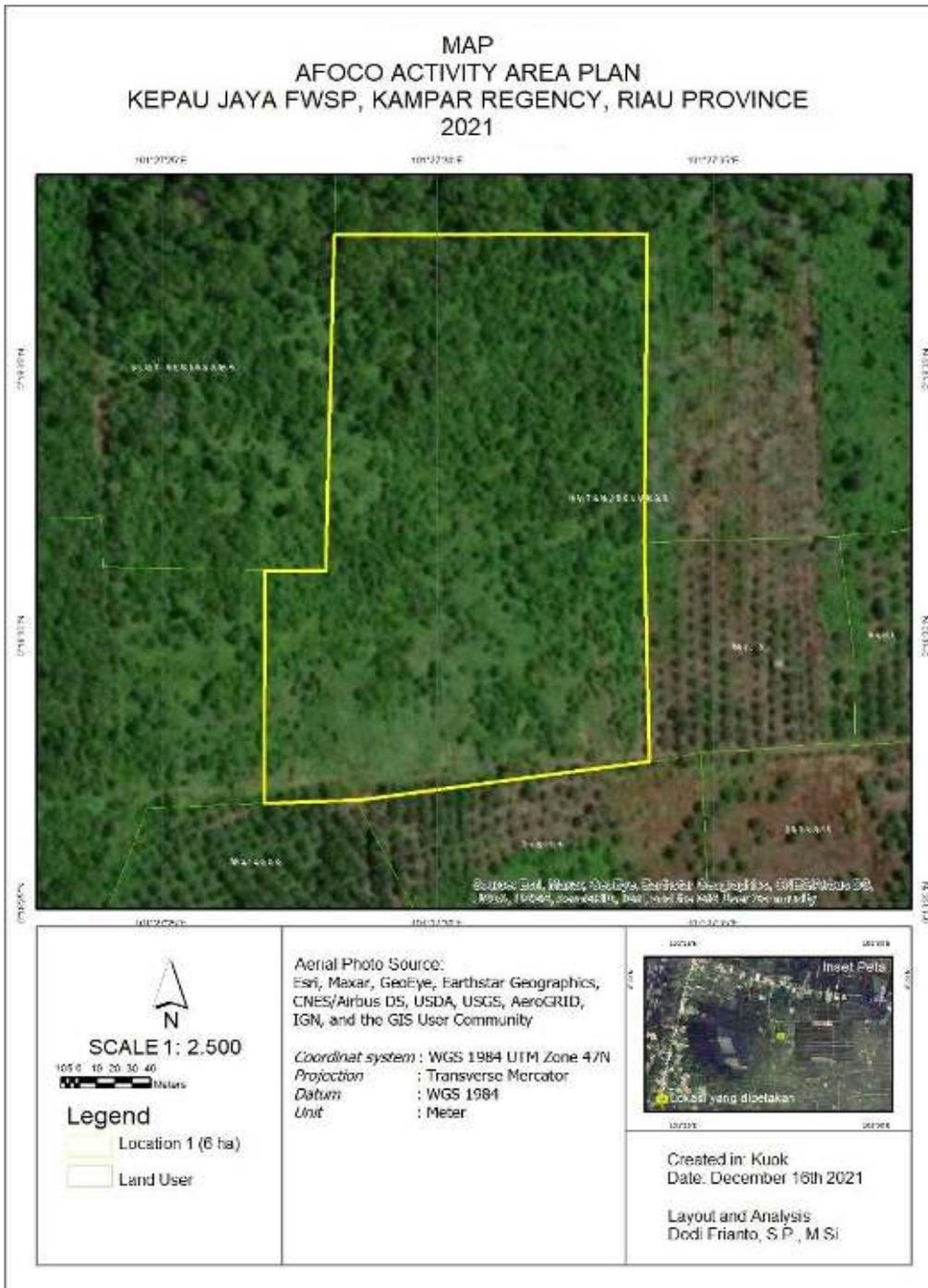


Figure 1. Demonstration Plot Map Kepau Jaya Forest Area with Specific Purpose

MAP  
AFOCO ACTIVITY AREA PLAN  
SIAK DISTRICT, RIAU PROVINCE  
2021

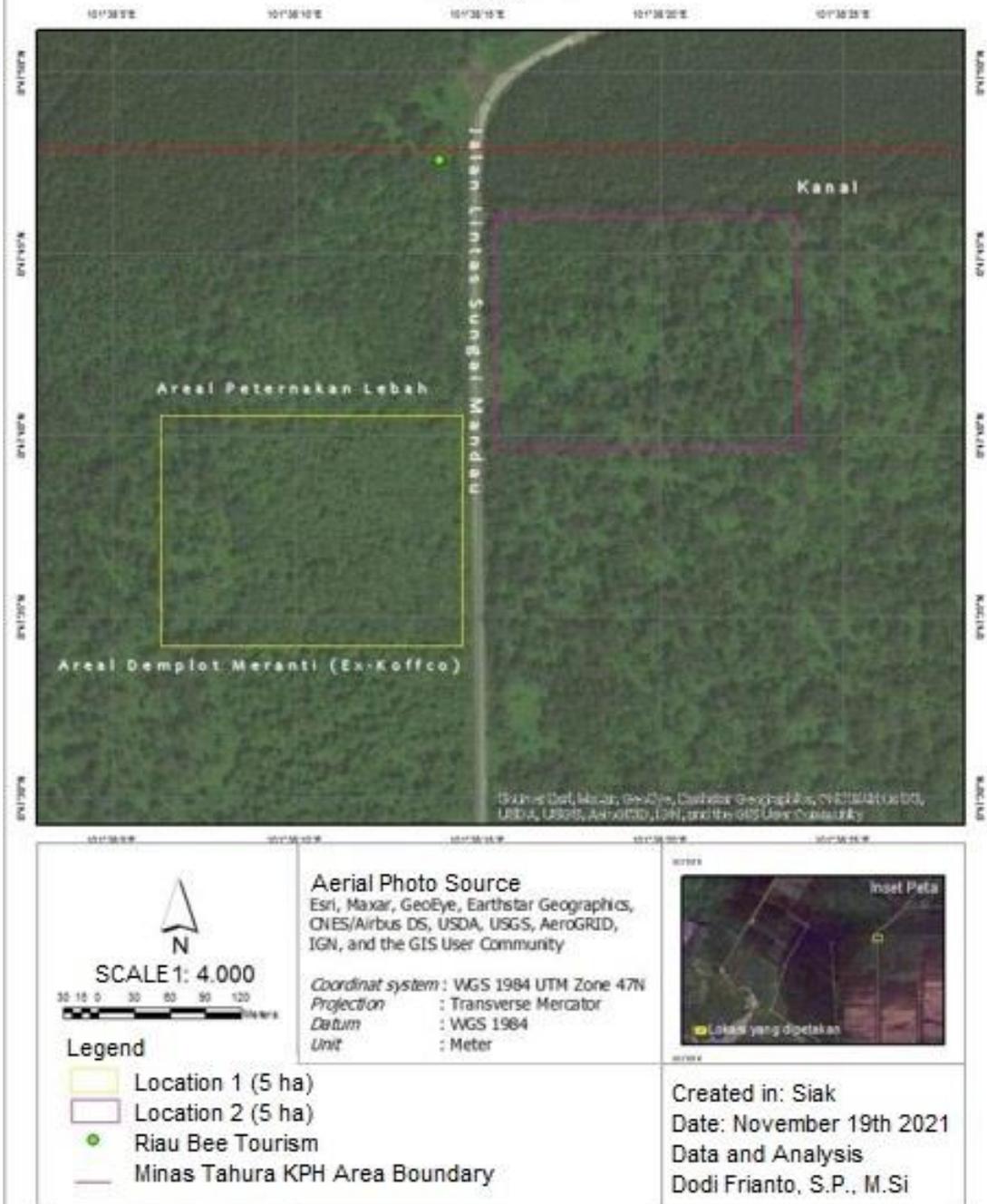


Figure 2. Demonstration Plot Map Minas Tahura FMU

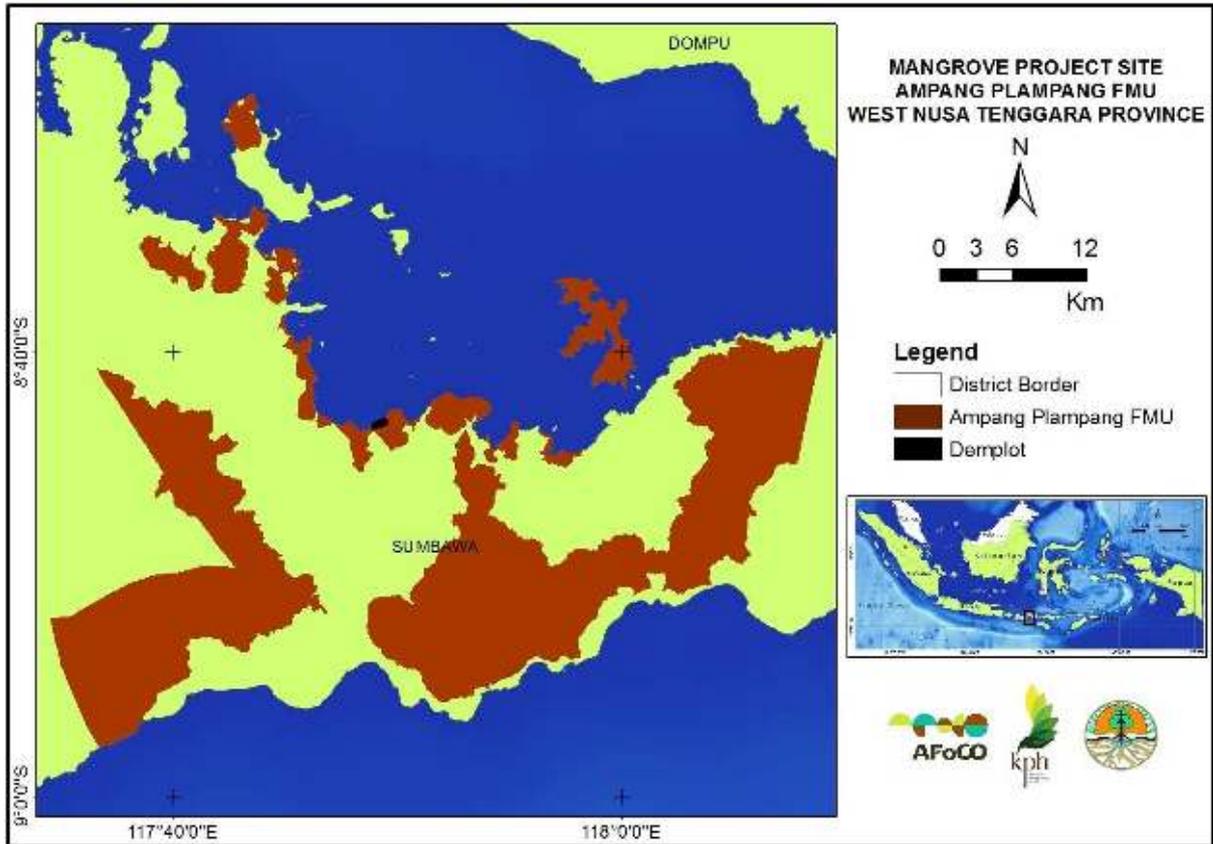


Figure 3. Mangrove Ecosystem Project Site in Ampang Plampang FMU, West Nusa Tenggara



Figure 4. Condition of Mangrove site in Ampang Plampang FMU, West Nusa Tenggara

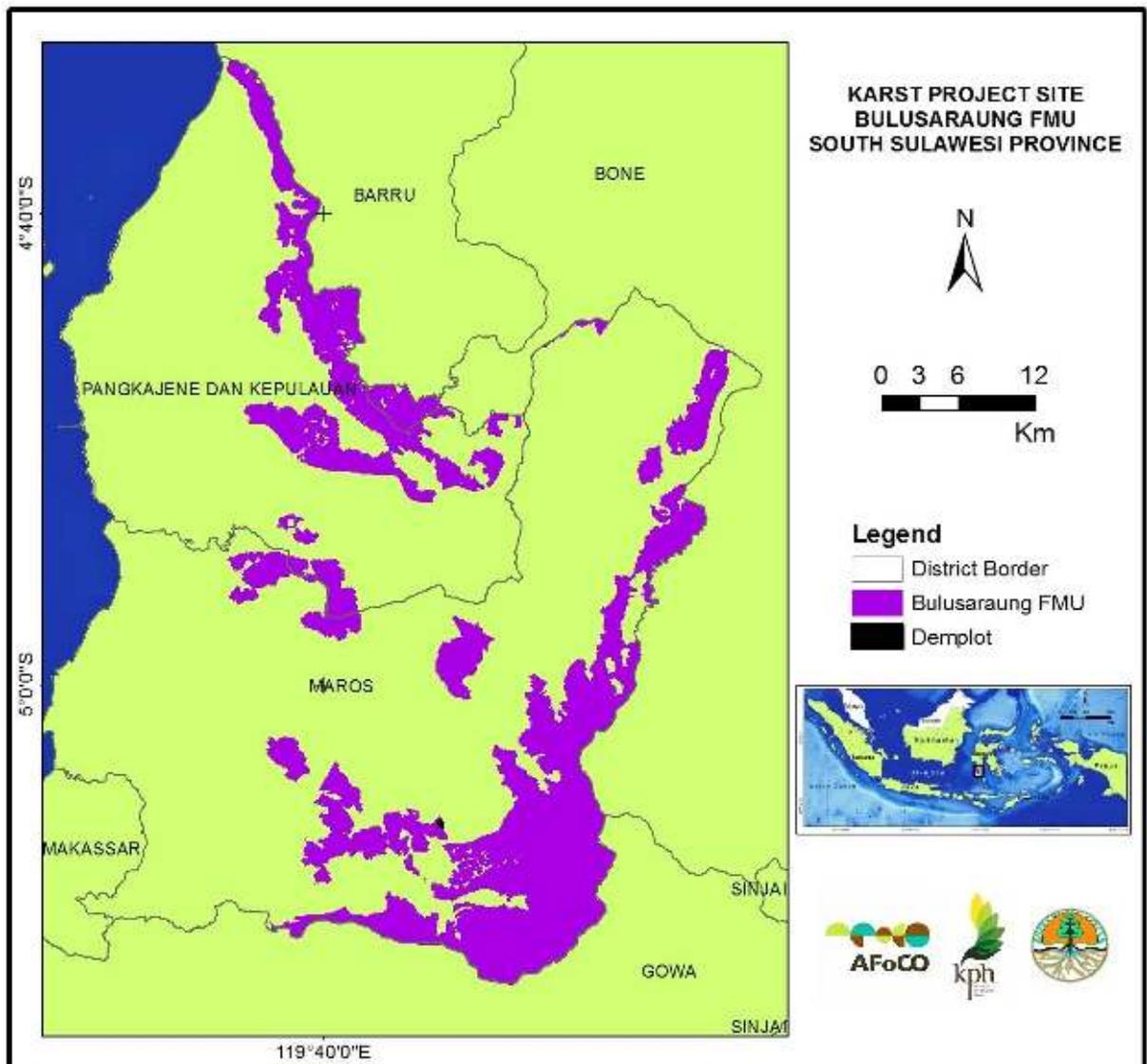


Figure 4. Karst Project Site Map at Bulusaraung FMU

7.2. Updates on the capacity development activities (training / meetings / workshops)

Outputs/ Activities	2021												Main target
	Total number	Achieved		Total number	Achieved		Total number	Achieved		Total number	Achieved		
		Male	Female										
1.1. Inception meeting	23	14	9										
1.3. Stakeholders Meeting of Riau	28	15	13										
1.3. Stakeholders Meeting of S. Sulawesi	22	12	10										
1.3. Stakeholders Meeting of Bali	28	19	9										
6.1. PRA on tree Site matching in Riau (2 sites)	45	36	9										
6.1. PRA on tree Site matching in South Sulawesi	25	22	3										
9.3. 2 <sup>nd</sup> PSC meeting	40	21	19										

7.3. Updates on the advocacy materials

No.	Inventory code	Type	Title	Number	Year	Language	Submission to the Secretariat
1	-	Audio-visual presentation	-	-	-	-	-
2	-	News articles	-	-	-	-	-
3	SA.01/A.1.3/AFOCO/023/7/2021	Brochure	Info Brief	1	2021	Indonesian	January 15, 2022
4	-	Manual	-	-	-	-	-
5		Research article	-	-	-	-	-
6	-	Proceedings	-	-	-	-	-

7.4. Updates on the procurement status

No.	Inventory code	List (model description)	Plan	Actual	Location	Remarks
1	HA.01/A.9.4/AFOCO/023/10/2021	Lenovo Desktop AIO IdeaCentre A340-24IWL Color: Black CPU: Intel i3-10110U 2.1 GHz	1 qty	1 qty	Bogor	

No.	Inventory code	List (model description)	Plan	Actual	Location	Remarks
		SSD: 512 Gb RAM: 4 Gb OS: Win 10 Home SL Display: 23.8" LED Panel Monitor Keyboard & Mouse: USB Wired				
2	HA.02/A.9.4/AFOCO/023/10/2021	Lenovo Notebook IdeaPad 5 14ITL05 Color: Graphite Grey CPU: Intel i5-1135G7 2.4 GHz SSD: 512 Gb RAM: 8 Gb GPU: GeForce MX450 Display: 14" FHD IPS Battery: 3 Cell OS: Windows 11 Home SL	1 qty	1 qty	Bogor	
3	HA.03/A.9.4/AFOCO/023/10/2021	HP Printer Ink Tank 315 All-in-One Color: Black Print: - Print Speed : ISO Black 8 ppm Color 5 ppm / Draft Black 19 ppm Color 16 ppm - Max. Resolution : 4800 x 1200 dpi - Max. Media Size : A4 Scan: - Type: Flatbed - Resolution: Up to 1200 x 1200 dpi - Scan speed (normal, A4): Up to 21 seconds - Max. Media Size: 216 x 297 mm Copy: - Speed Copy: Black & Color Up to 600 x 300 dpi	1 qty	1 qty	Bogor	
4	HA.04/A.9.4/AFOCO/023/10/2021	HP Printer DeskJet Ink Advantage 2336 All-in-One Color: White Print: - Print Speed (ISO) Black: 7.5 ppm; Color: 5.5 ppm - Warranty (on site one to one exchange): 3 years - Page yield: 480 (B) /	1 qty	1 qty	Bogor	

No.	Inventory code	List (model description)	Plan	Actual	Location	Remarks
		150 (C) - Up to 1000 pages - Media sizes supported: A4; B5; A6; DL envelope - Media types: Plain paper, Photo paper, Brochure paper Scan: - Scan Resolution, Hardware Up to 1200 x 1200 dpi - Scan Resolution, Optical Up to 1200 dpi - Scan file format: JPEG, TIFF, PDF, BMP, PNG - Color scanning: Yes - Scan size, maximum: 216 x 297 mm Copy: - Copies, maximum: Up to 9 copies - Copier settings: Auto-enlarge - Colour copy capability: Yes				
5	HA.05/A.9.4/AFOCO/023/10/2021	Epson EB-E500 XGA 3LCD Projector Color: White - Projection Technology: RGB liquid crystal shutter projection system (3LCD) - Brightness: White Light Output (Normal/Eco): 3,300 lm - Connectivity: USB Interface: USB Type B: 1 (For Firmware Update, Copy OSD Settings) - Screen Size (Projected Distance): Standard Size: Tele: 22" to 259" [0.87 to 10.34 m] Wide: 30" to 350" [0.87 to 10.34 m] - Dimension Excluding Feet (W x H x D): 302 x 77 x 234 mm - LCD: Native	1 qty	1 qty	Bogor	

No.	Inventory code	List (model description)	Plan	Actual	Location	Remarks
		Resolution: XGA (1024 x 768) Size: 0.55" (C2fine) - Maintenance Cycle: 6,000 / 12,000 hours*3				
6	HA.06/A.9.4/AFOCO/023/10/2021	Sony CyberShot DSC-H300 Camera Color: Black Product Highlights: - 20.1 MP 1/2.3" Super HAD CCD Sensor - 35x Optical Zoom 4.5-157.5mm Lens - 25-875mm (35mm Equivalent) - 3.0" 461k-Dot Clear Photo LCD Screen - 1280 x 720 HD Video Recording at 30 fps - Optical SteadyShot Image Stabilization - ISO Range of 80-3200 - Built-In Flash - Face Detection, Panorama, & Other Modes - Works with 4 AA Battery - Warranty 1 year from Sony Indonesia	1 qty	1 qty	Bogor	
7	HA.07/A.6.1/AFOCO/023/12/2021	Sony Voice Recorder ICD-PX740  Specification: Dimension: 38.3 x 114.1 x 19.3mm Built-in Memory: 4GB Built-in Stereo Microphone Recording Format: MP3 / L-PCM Playback Format: MP3 / WMA / AAC-LC / L-PCM Battery Type: Dry Battery 2 x AAA Battery Maximum files (total): 5000	1 qty	1 qty	Bogor	

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