



MUJONG - MELINAU FOREST MANAGEMENT UNIT (FMU)

T/3361

Monitoring Indicators

Attributes	Indicators	Output(s)
<p>Forest Regeneration</p>	<p>In year 2018, a total of 25 PSP has been established.</p>	<p>The PSP data set was analyzed using Methods of Yield Regulation with Limited Information (MYRLIN) (<i>Alder et al., 2002</i>).</p> <p>Regeneration assumption:</p> <p>a) Recruitment based on 20 trees per year for Dipterocarp species and 8 trees per year for non-Dipterocarp species</p> <p>b) Mortality rate of 1%</p>
<p>Condition of the forest</p>	<p>The analyzed data to date has been derived from the first assessment of 25 PSP (see Forest Regeneration for details).</p>	<p><u>Analysis from the first assessment of 25 PSP</u></p> <p>➤ The non-Dipterocarp species had higher stocking of 68% compared to 32% of Dipterocarp species for trees in the lower or upper diameter classes.</p> <p>Within 1-hectare plot, there are 302 of Dipterocarps and 577 non-Dipterocarps saplings on average.</p> <p>Continuous good practice of RIL is important to sustain timber resource into the future.</p> <p><i>The re-assessment of growth will be carried out in 2021.</i></p>

<p>Growth Rate</p>	<p>The analyzed data to date has been derived from the 1st assessment of 25 PSP.</p>	<p>Growth rate based on MYRLIN:</p> <ul style="list-style-type: none"> • Growth increment of 0.6 cm in diameter per year <p><i>The re-assessment of growth will be carried out in 2021.</i></p>
<p>Social impacts of Forest Operation</p>	<p>At the FMU level:</p> <ul style="list-style-type: none"> • HC VF Assessment Report • Social Impact Assessment (SIA) Report • Social visit report • HCV monitoring report 	<p><u>HCV Monitoring:</u></p> <p>HCV 5: Basic needs of local communities</p> <ul style="list-style-type: none"> ➤ The FMU have identified, mapped and demarcated 13 gravity feed water area, 3 salt lick areas and shifting agriculture area that belongs to locals. ➤ <i>Temuda</i> areas are excluded from the operation. <p>HCV 6: Cultural identity of local communities</p> <ul style="list-style-type: none"> ➤ The FMU have identified, mapped and demarcated 12 burial grounds. <p><u>Local communities</u></p> <ul style="list-style-type: none"> • There are 16 longhouses located within and adjacent with Mujong-Melinau FMU. 8 longhouses are within the FMU and 8 longhouses are located outside of the FMU boundary. <p><u>Community Representative Committee (CRC)</u></p> <ul style="list-style-type: none"> • Established in May 2019. CRC is liaising with FMU and government agencies for any socio-economic development. • 1st CRC meeting was conducted on 23rd May 2019 and no major issue has been recorded.

		<p><u>Forest Management Certification Liaison Committee (FMCLC)</u></p> <ul style="list-style-type: none"> Established in May 2019 to serve as a platform for sharing information and resolving conflicts arising from the implementation of forest management certification.
	<p>At the operational level:</p> <ul style="list-style-type: none"> Environmental Compliance Audit (ECA) report under NRE (Audit) Rules,2008; covering locals and forest workers on: <ul style="list-style-type: none"> ➤ Occupational Safety and Health (OSH) ➤ Road and River Traffic Safety ➤ Socio-economic consideration 	<p><u>Environment Compliance Audit (ECA)</u></p> <p>Mujong-Melinau FMU has participated & completed the 1st pilot ECA project organized by NREB, which includes the carrying out of 2 internal audits and 1 external audit. The 2nd year of 1st Internal Environment Compliance Audit (IECA) was carried out in 21-23 Aug 2019.</p> <p><u>Socio-economic</u></p> <ul style="list-style-type: none"> Most of the employees are locals. Relevant training is provided to the employees according to their job description and skill requirement. Medicals benefits are provided and SOCSO is contributed for all employees. Safety and Health Committee (SHC) has been established to ensure employees' health and safety and monitoring of work environment. Quarterly Safety Meeting and Workplace Inspection have been carried out. <p><u>FMU</u></p> <ul style="list-style-type: none"> Road warning signage has been installed at the main road, 50-100m from the longhouse. Provides assistance in transportation, upgrading of longhouse facilities and cash donation to the affected communities upon request from the head of the community.