



ID: Jambi Sustainable Landscape Management Project (J-SLMP) (P166672)

EAST ASIA AND PACIFIC | Indonesia | Environment, Natural Resources & the Blue Economy Global Practice |
 Recipient Executed Activities | Investment Project Financing | FY 2021 | Seq No: 6 | ARCHIVED on 22-Dec-2023 | ISR59126 |

Implementing Agencies: Ministry of Environment and Forestry, Republic of Indonesia

Key Dates**Key Project Dates**

Bank Approval Date: 16-Dec-2020

Effectiveness Date: 23-Dec-2020

Planned Mid Term Review Date: 22-Dec-2023

Actual Mid-Term Review Date:

Original Closing Date: 30-Jun-2026

Revised Closing Date: 30-Jun-2026

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project development objective is to improve sustainable landscape management that reduces land-based greenhouse gas emissions in selected sites in Jambi Province.

Has the Project Development Objective been changed since Board Approval of the Project Objective?

No

Components Table

Name

Strengthening Policy and Institutions:(Cost \$2.50 M)

Implementing Sustainable Land Management:(Cost \$8.50 M)

Project Management and Monitoring and Evaluation:(Cost \$2.50 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Satisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Satisfactory
Overall Risk Rating	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate

Implementation Status and Key Decisions

The project has been under implementation for three years. Results achieved up to date include: i) 268,630 hectares of land area are under sustainable land management and/or restoration practices; ii) Seven regulations on reforms in forest and land use policy supported; iii) MRV system established and maintained at provincial level of Jambi; iv) Safeguards system established and maintained; v) 92.10% of grievance registered related to delivery of project benefits has been addressed; vi) 79.51% burned areas reduced in target areas; vii) 2,623 hectares area reforested in forestry/agroforestry areas; and viii) 2,869 hectares area are under compliance with relevant sustainability guidelines by smallholders.

The Mid Term Review (MTR) Mission of the World Bank is scheduled for January 22-26, 2024. The MTR Mission will be completed with field visits to an FMU and a National Park that have shown significant contribution to the achievement of overall Project objectives (i.e., conflict cases resolved



utilizing harmonized maps, area reforested in forestry/agroforestry areas, farmers adopting productivity enhancing technologies, and area under compliance with relevant sustainability guidelines ISPO by smallholders).

Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	☐ Substantial	☐ Moderate	☐ Moderate
Macroeconomic	☐ Moderate	☐ Moderate	☐ Moderate
Sector Strategies and Policies	☐ Substantial	☐ Moderate	☐ Moderate
Technical Design of Project or Program	☐ Moderate	☐ Moderate	☐ Moderate
Institutional Capacity for Implementation and Sustainability	☐ Substantial	☐ Moderate	☐ Moderate
Fiduciary	☐ Moderate	☐ Moderate	☐ Moderate
Environment and Social	☐ Substantial	☐ Substantial	☐ Substantial
Stakeholders	☐ Substantial	☐ Moderate	☐ Moderate
Other	☐ Moderate	☐ Moderate	☐ Moderate
Overall	☐ Substantial	☐ Moderate	☐ Moderate

Results

PDO Indicators by Objectives / Outcomes

Improve sustainable landscape mgmt that reduces land-based GHG emissions in selected sites in Jambi				
▶ Land area under sustainable land management and/or restoration practices (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	220,000.00	241,833.00	268,630.00	350,000.00
Date	31-Dec-2019	12-Jun-2023	21-Dec-2023	31-Dec-2025
Comments:	An assessment of the progress on this indicator is being consolidated with data from National Parks and FMUs. The actual achievement shows the increase of land areas with sustainable land management (SLM) and/or restoration practices that consider a more general SLM practices in Jambi Province. The SLM refers to the combination of technologies and approaches to increase land quality and/or to restore degraded land focusing on the aspect of a) natural resource management: all technologies that ensure the sustainable use of natural areas; b) plantations and reforestation/afforestation: production of timber and non-timber forest products, and/or for erosion control; and c) regular agricultural practices that enhances SLM and agroforestry practices.			



► Net GHG emission reductions in Jambi (MtCO2e) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	16.10	16.10	15.00
Date	31-Dec-2019	12-Jun-2023	21-Dec-2023	31-Dec-2025
Comments:	<p>Net Emission Reductions during the Period of 2021/2022 (tCO2-e) has been reported for 16.1 MtCO2eq. This actual achievement reported refers to the achievement observed from previous year, since the land-use change spatial map for 2023 has not finalized yet by the Ministry of Environment and Forestry (MoEF). This remains as a preliminary estimate prior to finalization of uncertainty analysis on the activity data which will be available end of 2023. The carbon accounting in the Emission Reduction Program Document (ERPD) is under validation process by the Scientific Certification System (SCS) Global Services as the certified Validation/Verification Body. The MAR project team has managed to carry out adjustment and improving calculation based on the IPCC guideline, including for carbon pool, uncertainty, and buffer. The MAR project team has conducted several coordination meetings to discuss the calculation methodology and has been closely working with the MRV specialist to revise the Greenhouse Gas (GHG) accounting based on the validation team's recommendations. In parallel, the extended cooperation agreement with the Directorate of Forest Inventory and Mapping of MoEF is being prepared, featuring data sharing protocol to ensure accessibility for the Province of Jambi in attaining geospatial data.</p>			

Intermediate Results Indicators by Components

Strengthening Policy and Institutions				
► Reforms in forest and land use policy, legislation or other regulations and coordination mechanisms supported (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	5.00	7.00	4.00
Date	31-Dec-2019	12-Jun-2023	21-Dec-2023	31-Dec-2025
Comments:	<p>This indicator has exceeded the end target.</p> <p>To date, Bappeda has reported the following number of policies/regulations that have been issued: (1) Provincial Government Regulation (Perda) No. 3/2023 on Incentive and Ease-of-Doing Business; (2) Provincial Government Regulation (Perda) No. 4/2023 on Jambi Green Growth Plan (GGP); (3) Governor Regulation (Peraturan Gubernur/Pergub) Jambi No.36/2012 on Provincial Action Plan for GHG (Rencana Aksi Daerah- GRK) Province of Jambi; (4) Government Regulation No.28/2023 on Indonesia One-Data Policy for Jambi; (5) Governor Regulation No. 20/2023 on Peatland Protection and Management in Jambi Province; (6) Governor Decree No.150/Kep.Gub/Bappeda-4.1/2022 on Establishment of Provincial Technical Committee and Sub-National Project Management Unit Province of Jambi; and (7) Governor Decree No.632/KEP.GUB/SOSDUKCAPIL/ 2022 for CSR Forum.</p> <p>Additional progress reported includes: (a) Draft of Governor Regulation on Technical Guidance for Provincial Government Regulation No.4/2023 on Green Growth Plan; (b) Draft of Government Regulation for Implementation Guideline for CSR and environment for Private Sector; (c) Draft for revision for Government Regulation on the management of HCV/HCS, ISPO, Peatland and Forest Fire; and (d) two Bupati Regulations on Forest and Land Fire (District of Kerinci and District of Sungai Penuh).</p>			
► Conflict cases are resolved utilizing harmonized maps (Number, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2.00	13.00	16.00
Date	31-Dec-2019	12-Jun-2023	21-Dec-2023	31-Dec-2025
Comments:	<p>The achievements were reported by FMUs with conflicts on land tenure boundaries resolved. However, the reported progress on this particular indicator is under verification and validation by the NPMU and SNPMU and the evidence of the harmonized maps utilized for resolving conflict cases has not been submitted to the Bank yet.</p>			
<p>► MRV system established and maintained at provincial level of Jambi (Yes/No, Custom)</p>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	31-Dec-2019	12-Jun-2023	21-Dec-2023	31-Dec-2025
Comments:	<p>This indicator has reached the end target.</p> <p>A decree establishing the MAR team at the SNPMU has been approved, a kick-off meeting was carried out, a website and an application designed for MRV system has been developed and set of modules are in place. Website and dashboard for data documentation and information is under development to be fully operationalized in the first half of 2024.</p>			
<p>► Benefit Sharing Mechanism (BSM) is established and maintained (Yes/No, Custom)</p>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	31-Dec-2019	12-Jun-2023	21-Dec-2023	31-Dec-2025
Comments:	<p>Advanced draft BSM is under finalization between the MoEF, Jambi Provincial Government, and the Bank, while percentage of benefit ratio for all purposes has been finalized. The BSM is expected to be finalized by end of December 2023. Advanced BSM includes the following documents: i) identification of benefits, including carbon/non-carbon, monetary/non-monetary; ii) identification and analysis of potential beneficiaries; iii) determination of mechanism for distributing benefits to beneficiaries; iv) establishment of system to determine the proportion of benefit allocation among beneficiaries; and v) preparation of the BSM guideline, including M&E.</p> <p>In addition, the following developments were also reported: i) Draft benefit sharing plan; ii) BSP implementation procedures including calculation methods for benefit sharing allocations; iii) lessons learned from BSP-BioCF preparation; iv) BSM and Investment Jurisdiction Framework in Jambi; v) capacity needs measurement report; vi) Module for capacity building; vii) Guideline for safeguards; viii) guideline for the utilization of the funds; ix) guideline for the identification of beneficiaries; and x) FGRM for the BSM.</p>			
<p>► Safeguards system established and maintained (Yes/No, Custom)</p>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	31-Dec-2019	12-Jun-2023	21-Dec-2023	31-Dec-2025



Comments:	<p>This indicator has reached the end target.</p> <p>SESA and ESMF of J-SLMP has been completed and enhanced for the Jambi Emission Reduction Result Project (P175144), while reporting on the ESMF has been completed in October 2022. Safeguards reporting system (SIS-REDD+) is currently being redeveloped and will be maintained at the provincial or district level. SP4N Lapor has been agreed as a primary channel for FGRM and has been integrated into the BioCF portal. Additionally, WhatsApp is also made available as an alternative channel. The FGRM system can receive grievances, questions and/or general feedback. Several trainings on FGRM rollout have been carried out, the list of Liason Officers (<i>Pejabat Penghubung</i>) has been assigned, and socialization with the main users/beneficiaries will soon follow.</p> <p>To date, several trainings for safeguard implementation have been conducted including: i) Training for safeguard monitoring and evaluation; ii) Training for safeguard compliance document compilation from Implementing Agencies; iii) Training for safeguard documentation and reporting. In October 2023, safeguard retroactive measures and activities has been carried out along with the BioCF 2023 socialization and kick-off with participation from provincial and sub-districts stakeholders and officials. In addition, a workshop for GRM handling through SP4N Lapor has been carried out with provincial stakeholders (I.e., Diskominfo and Bappeda). Contact person for each IA (FMU, Provincial Agencies, National Parks, and BKSDA) has been assigned. Consistency in the implementation and reporting are required.</p>			
<p>► Grievances registered related to delivery of project benefits addressed (Percentage, Custom)</p>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	92.10	80.00
Date	31-Dec-2019	12-Jun-2023	21-Dec-2023	31-Dec-2025
Comments:	<p>This indicator has exceeded the end target.</p> <p>As of to date, of a total of 178 registered cases, 164 cases (92.1%) have been resolved, where 14 (7,9%) cases are in progress. Data of registered grievances and feedback from IAs is under consolidation. Most of the reported grievances received from written records registered through DLH via direct grievance filing, WhatsApp (WA) call center and telephone, the SP4N website (National Public Service for Grievance Management System/<i>Sistem Pengelolaan Pengaduan Pelayanan Publik Nasional</i>) – LAPOR (Aspiration Service and People's Online Complaints/<i>Layanan Aspirasi dan Pengaduan Online Rakyat</i> - https://lapor.go.id or https://jambiprov.lapor.go.id).</p>			

Implementing Sustainable Land Management				
<p>► Burned areas reduced in target areas (Percentage, Custom)</p>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	20.00	79.51	80.00
Date	31-Dec-2019	12-Jun-2023	21-Dec-2023	31-Dec-2025
Comments:	<p>Under BioCF ISFL program, IPSDH and PKHL will generate burned area maps, including for Jambi Province in an annual basis to calculate the trend and dynamic of burned areas. IPSDH maps will be released and be made accessible to public in February 2024.</p> <p>Several capacity building for IAs have been carried out. Implementing agencies particularly four FMUs, National Parks and BKSDA, Forest Agency, Estate Crops Agency, Agricultural Agency, Environmental Agency, were required to discuss on how to report their achievement to provide information for IPSDH and PKHL in generating burned area maps. Activities that has been effectively contributed to the reduction of burned areas were: regular community participative patrol and public awareness raising on forest and</p>			



forest protection. These activities have been reported by the FMUs and National Parks to be effective approach to manage hot spot occurred during the period of August – October 2023.				
► Area reforested in forestry/agroforestry areas (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	543.00	2,623.00	2,137.00
Date	31-Dec-2019	12-Jun-2023	21-Dec-2023	31-Dec-2025
Comments:	<p>This indicator has exceeded the end target, though the data is yet to be validated based on evidence as part of the M&E process during the upcoming MTR Mission.</p> <p>The actual number of areas refers to the establishment of forest through planting and/or deliberate seeding on land that, until then, was not classified as forest; or the re-establishment of forest through planting and/or deliberate seeding on land classified as forest. This can also include, but is not limited to assisted natural regeneration, natural regeneration, coppicing or other locally appropriate methods.</p>			
□ Area reforested in Conservation Areas (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	1,141.00	1,200.00
Date	31-Dec-2019	12-Jun-2023	21-Dec-2023	31-Dec-2025
► Farmers adopting productivity enhancing technologies (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,143.00	1,426.00	2,440.00
Date	31-Dec-2019	12-Jun-2023	21-Dec-2023	31-Dec-2025
Comments:	<p>By Dec 2023, farmers have been introduced to various aspect toward the sustainable landscape management (SLM), enhances productivity and support that help to implement, adapt, and apply technologies. 4 FMUs, 4 TIU DG KSDAE, Disbun, DTPHP reported to have meeting with farmer including training and facilitation including but are not limited to new seed variety, terracing, forestation, reduced tillage, micro irrigation, fertilizer placement, livestock feeding schedule, feeding ingredients (as the aspect of agronomic, vegetative, structural, and management measures).</p>			
□ Farmers who have adopted productivity enhancing SLM technologies (female) (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	28.46	28.74	30.00
► Total land area brought under sustainable management plans (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	440,000.00	466,909.36	515,536.00	750,000.00
Date	31-Dec-2019	12-Jun-2023	21-Dec-2023	31-Dec-2025



Comments:	<p>The actual achievement is currently cumulated from forestry area reported by four FMUs (KPH Bungo, KPH Merangin, KPH Sarolangun Hilir, and KPH Tanjung Jabung Barat). Data from National Parks is under consolidation and will be reported in the next ISR.</p> <p>Cumulative land area brought under sustainable management plans including where relevant: Forest plans, Biodiversity plans, Land use plans. In Jambi, the focus plans are Long-Term Forest Management Plans (<i>Rencana Pengelolaan Hutan Jangka Panjang/RPHJP</i>) of the KPHs in project areas and surrounding communities' social forestry areas.</p>			
► Community partnerships established with the private sector (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	2.00	23.00	23.00	21.00
Date	31-Dec-2019	12-Jun-2023	21-Dec-2023	31-Dec-2025
Comments:	<p>This indicator has exceeded the end target, though the data is yet to be validated based on evidence as part of the M&E process during the upcoming MTR Mission.</p> <p>Examples of partnerships include: Community cares about fire (Masyarakat Peduli Api/MPA), PROKLIM, Field schools, Green villages, Organic villages. DTPHP reported that there area 18 partnerships established with private sectors to support SLM practice.</p>			
► Area under compliance with relevant sustainability guidelines by smallholders (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1,514.00	2,688.00	2,869.00	2,314.00
Date	31-Dec-2019	12-Jun-2023	21-Dec-2023	31-Dec-2025
Comments:	<p>To date, there is an increase of 1,355 ha (from the baseline) of areas under compliance with relevant sustainability guidelines by smallholders (farmer groups). In addition, there are 1,554.54 ha areas under compliance with cooperatives sustainability criteria and 77,243.73 ha areas reported under compliance with ISPO certification requirements.</p>			
► Community groups/villages reached with benefits (assets and/or services) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	97.00	156.00	150.00
Date	31-Dec-2019	12-Jun-2023	21-Jun-2023	31-Dec-2025
Comments:	<p>This indicator has exceeded the end target, though the data is yet to be validated based on evidence as part of the M&E process during the upcoming MTR Mission.</p> <p>Further, a comprehensive survey will be conducted in the first semester of 2025 to calculate direct beneficiaries (people or community groups) that were reached with assets and/or services from an ISFL program (i.e. community members deriving monetary (assets) or non-monetary (services) benefits from the pre-investment of BioCF ISFL (J-SLMP), or people that have received training for improving land management). In addition, this indicator will count direct beneficiaries of community groups/villages reached by the grant financing only and does not include benefits from leveraged sources of financing or the RBP/ERPA.</p>			



Community groups/villages reached with benefits (assets and/or services) (female) (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	28.81	30.00

Performance-Based Conditions

Data on Financial Performance

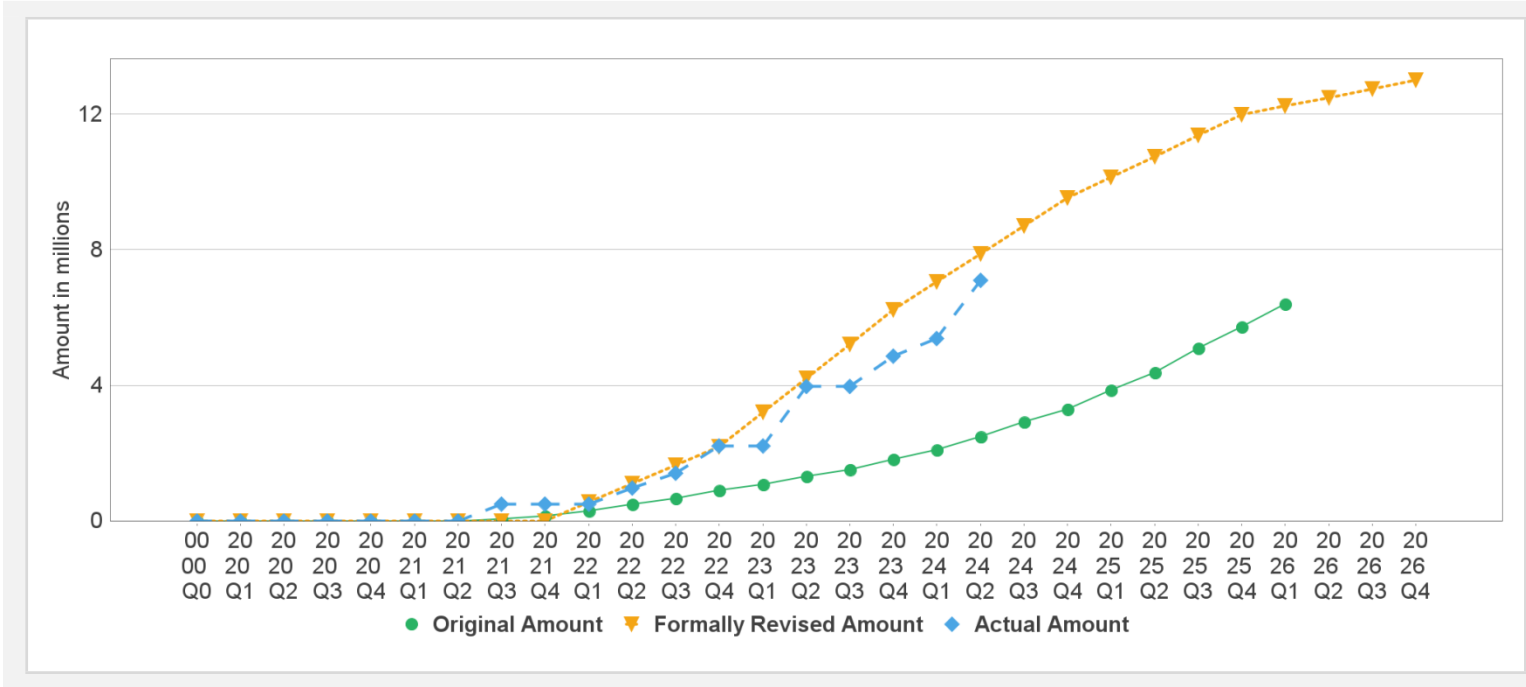
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P166672	TF-B3897	Effective	USD	3.65	3.65	0.00	1.92	1.73	53%
P166672	TF-B3998	Effective	USD	8.66	8.66	0.00	4.54	4.11	52%
P166672	TF-B3999	Effective	USD	1.20	1.20	0.00	0.64	0.56	53%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P166672	TF-B3897	Effective	16-Dec-2020	23-Dec-2020	23-Dec-2020	30-Jun-2026	30-Jun-2026
P166672	TF-B3998	Effective	16-Dec-2020	23-Dec-2020	23-Dec-2020	30-Jun-2026	30-Jun-2026
P166672	TF-B3999	Effective	16-Dec-2020	23-Dec-2020	23-Dec-2020	30-Jun-2026	30-Jun-2026

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.