

Annex 4.2.a. Summary of ER Activities and sub-activities

COMPONENT	SUB-KOMPONENT	ACTIVITIES	SUB-ACTIVITIES	2020	2021	2022	2023	2024
1. Forest and land governance	1.1 Strengthening the licensing regime	1.1.1 Revoking overlapping and non-clean and clear permits, and enforcing the licensing moratorium	Facilitating enforcement of revocation of Non-CnC (non-clear and non clean) mining permit	Governor decree on revoke mining permit issued				
		1.1.2 Improving policies on transparency and access to information related to licensing	Strengthening Information Management and Documentation Officers in transparency of licensing process	1 standard operational procedure on licensing transparency				
		1.1.3. Facilitating Social Forestry licenses	Facilitating acceleration of licensing issuance of social forestry for community	Standard Operational Procedure on issuance of Social Forestry for community licenses stages completed				
	1.2 Dispute Settlement	1.2.1 Settlement of existing land tenure disputes	Strengthening conflict resolution related regulatory framework	List of settlement of land conflicts in forest areas in 1 district and 1 province	List of settlement of land conflicts in forest areas in 1 district	List of settlement of land conflicts in forest areas in 2 districts	List of settlement of land conflicts in forest areas in 2 districts	List of settlement of land conflicts in forest areas in 1 district
			Verification on tenurial conflict (Land object of	Ministrial decree of social forestry licenses on tenurial conflict (Land object				

COMPONENT	SUB-KOMPONENT	ACTIVITIES	SUB-ACTIVITIES	2020	2021	2022	2023	2024
			agrarian reform/TORA)	of agrarian reform/TORA)				
		1.2.2 Development of a policy on cross-sectoral dispute settlement	Strengthening institutions for complaints and dispute settlements of the environment and forestry cases	Number of complaints on REDD+ governance recorded and responded to in 3 districts		Number of complaints on REDD+ governance recorded and responded to in 2 districts		Number of complaints on REDD+ governance recorded and responded to in 2 districts
			Facilitating development policy on cross sectoral dispute settlements	1 governor regulation on dispute settlements				
	1.3 Support for the recognition of adat land	1.3.1. participatory mappings in 200 villages for adat recognition	Facilitating on preparation of participatory mappings for adat recognition	25 villages received facilitation on preparation of village spatial and village development plan with ER Program	25 villages received facilitation on preparation of village spatial and village development plan with ER Program	50 villages received facilitation on preparation of village spatial and village development plan with ER Program	25 villages received facilitation on preparation of village spatial and village development plan with ER Program	25 villages received facilitation on preparation of village spatial and village development plan with ER Program
			Training on participatory mappings for adat recognition	25 villages received training on Green Village - Spatial and development planing	25 villages received training on Green Village - Spatial and development planing	50 villages received training on Green Village - Spatial and development planing	25 villages received training on Green Village - Spatial and development planing	25 villages received training on Green Village - Spatial and development planing
			Implementation of participatory mappings for adat recognition that is incorporated with ER Program	25 villages incorporated village spatial and village development plan with ER Program	25 villages incorporated village spatial and village development plan with ER Program	50 villages incorporated village spatial and village development plan with ER Program	25 villages incorporated village spatial and village development plan with ER Program	25 villages incorporated village spatial and village development plan with ER Program
		1.3.2. establishment	Facilitating on establishment of	25 villages received facilitation on preparation of	25 villages received facilitation on preparation of	50 villages received facilitation on preparation of	25 villages received facilitation on preparation of	25 villages received facilitation on preparation of

COMPONENT	SUB-KOMPONENT	ACTIVITIES	SUB-ACTIVITIES	2020	2021	2022	2023	2024
		of adat communities	adat communities	village spatial and village development plan with ER Program	village spatial and village development plan with ER Program	village spatial and village development plan with ER Program	village spatial and village development plan with ER Program	village spatial and village development plan with ER Program
	1.4. Strengthening village spatial planning	1.4.1. Technical support for Village Low Emission Development Planning	Facilitating on preparation of village spatial and village development plan which inline with ER Program	25 villages received facilitation on preparation of village spatial and village development plan with ER Program	25 villages received facilitation on preparation of village spatial and village development plan with ER Program	50 villages received facilitation on preparation of village spatial and village development plan with ER Program	25 villages received facilitation on preparation of village spatial and village development plan with ER Program	25 villages received facilitation on preparation of village spatial and village development plan with ER Program
			Training on Kampung iklim (green villages) - spatial and development planning	25 villages received training on Green Village - Spatial and development planing	25 villages received training on Green Village - Spatial and development planing	50 villages received training on Green Village - Spatial and development planing	25 villages received training on Green Village - Spatial and development planing	25 villages received training on Green Village - Spatial and development planing
			Implementation of village spatial and village development plan that is incorporated with ER Program	25 villages incorporated village spatial and village development plan with ER Program	25 villages incorporated village spatial and village development plan with ER Program	50 villages incorporated village spatial and village development plan with ER Program	25 villages incorporated village spatial and village development plan with ER Program	25 villages incorporated village spatial and village development plan with ER Program
			Training Village Information System integrated to Climate Change	25 Villages with operational Village Information System integrated to Climate Change	25 Villages with operational Village Information System integrated to Climate Change	50 Villages with operational Village Information System integrated to Climate Change	25 Villages with operational Village Information System integrated to Climate Change	25 Villages with operational Village Information System integrated to Climate Change
			Implementation of Village Information System	25 villages implementing Village information System	25 villages implementing Village information System	50 villages implementing Village information System	25 villages implementing Village information System	25 villages implementing Village information System
			Village forest patrolling	25 villages conducting village forest patrolling	25 villages conducting village forest patrolling	50 villages conducting village forest patrolling	25 villages conducting village forest patrolling	25 villages conducting village forest patrolling

COMPONENT	SUB-KOMPONENT	ACTIVITIES	SUB-ACTIVITIES	2020	2021	2022	2023	2024
			Training on Community Based Forest Fire management	25 villages received training on Community Based Forest Fire Management	25 villages received training on Community Based Forest Fire Management	50 villages received training on Community Based Forest Fire Management	25 villages received training on Community Based Forest Fire Management	25 villages received training on Community Based Forest Fire Management
			Facilitating implementation of fire management by community	25 villages implementing fire management	25 villages implementing fire management	50 villages implementing fire management	25 villages implementing fire management	25 villages implementing fire management
2. Improving forest supervision and administration	2.1. Strengthening administrative capacity	2.1.1. Support for FMU management planning and business development	Strengthening capacity FMU on Business and marketing (entrepreneurship)	5 FMUs staff trained on entrepreneurship and marketing skills	6 FMUs staff trained on entrepreneurship and marketing skills	3 FMUs staff trained on entrepreneurship and marketing skills	4 FMUs staff trained on entrepreneurship and marketing skills	2 FMUs staff trained on entrepreneurship and marketing skills
			Facilitating Business inside Specific Area by FMU	3 enterprises established	5 enterprises established	4 enterprises established	4 enterprises established	4 enterprises established
			Facilitating development of annual work plan FMU	5 operational <i>business plans developed, annual work plan, and staffed</i> FMUs are in place in the province	6 operational <i>business plans developed, annual work plan, and staffed</i> FMUs are in place in the province	4 operational <i>business plans developed, annual work plan, and staffed</i> FMUs are in place in the province	4 operational <i>business plans developed, annual work plan, and staffed</i> FMUs are in place in the province	2 operational <i>business plans developed, annual work plan, and staffed</i> FMUs are in place in the province
			Improving facilities of FMU Center for coordination activities with its members	The FMU Center in Samarinda is fully staffed and equipped for coordination of FMUs				
			Improvement standard operational	9 Standard operational procedure	9 Standard operational procedure	9 Standard operational procedure	9 Standard operational procedure	9 Standard operational procedure

COMPONENT	SUB-KOMPONENT	ACTIVITIES	SUB-ACTIVITIES	2020	2021	2022	2023	2024
			procedure for FMU	developed in 5 FMUs	developed in 6 FMUs	developed in 3 FMUs	developed in 4 FMUs	developed in 2 FMUs
		2.1.2. Capacity building for FMUs for supervision, social forestry, and forest fire control	Training development of annual work plan and business plan	5 FMUs staff trained on workplan and business plan development	6 FMUs staff trained on workplan and business plan development	3 FMUs staff trained on workplan and business plan development	4 FMUs staff trained on workplan and business plan development	2 FMUs staff trained on workplan and business plan development
			Training on Forest Fire Prevention for FMU and community	5 FMUs staff trained on Forest Fire Prevention in 21 FMUs and community	6 FMUs staff trained on Forest Fire Prevention in 21 FMUs and community	3 FMUs staff trained on Forest Fire Prevention in 21 FMUs and community	4 FMUs staff trained on Forest Fire Prevention in 21 FMUs and community	2 FMUs staff trained on Forest Fire Prevention in 21 FMUs and community
			Training on RIL and SFM for FMU	3 FMUs staff trained on RIL and SFM	4 FMUs staff trained on RIL and SFM	3 FMUs staff trained on RIL and SFM	3 FMUs staff trained on RIL and SFM	4 FMUs staff trained on RIL and SFM
			Training on HCV for FMU	3 FMUs staff trained on HCV	4 FMUs staff trained on HCV	3 FMUs staff trained on HCV	3 FMUs staff trained on HCV	2 FMUs staff trained on HCV
			Training on conflict early warning system for FMU	5 FMUs staff trained on conflict early warning system	6 FMUs staff trained on conflict early warning system	3 FMUs staff trained on conflict early warning system	4 FMUs staff trained on conflict early warning system	2 FMUs staff trained on conflict early warning system
			Facilitating and monitoring implementation of Social Forestry program on Community by FMU	5 FMUs monitoring/supervising Social Forestry licenses	6 FMUs monitoring/supervising Social Forestry licenses	3 FMUs monitoring/supervising Social Forestry licenses	4 FMUs monitoring/supervising Social Forestry licenses	2 FMUs monitoring/supervising Social Forestry licenses
			Facilitating and monitoring implementation RIL and SFM on	5 FMUs monitoring/supervising forest concessions for	6 FMUs monitoring/supervising forest concessions for	3 FMUs monitoring/supervising forest concessions for	4 FMUs monitoring/supervising forest concessions for	2 FMUs monitoring/supervising forest concessions for

COMPONENT	SUB-KOMPONENT	ACTIVITIES	SUB-ACTIVITIES	2020	2021	2022	2023	2024
			forest concessions by FMU	RIL/SFM implementation	RIL/SFM implementation	RIL/SFM implementation	RIL/SFM implementation	RIL/SFM implementation
			Facilitating and monitoring implementation HCV on timber plantation by FMU	3 FMUs monitoring/supervising Timber plantation concessions for HCV implementation	2 FMUs monitoring/supervising Timber plantation concessions for HCV implementation	5 FMUs monitoring/supervising Timber plantation concessions for HCV implementation	3 FMUs monitoring/supervising Timber plantation concessions for HCV implementation	2 FMUs monitoring/supervising Timber plantation concessions for HCV implementation
			Developing manual for standaried monitoring of RIL Policy protocol by FMU	20 FMUs developed the manual for standardized monitoring of RIL policy and printed and disseminated				
			Developing manual for standaried monitoring of HCV Policy protocol by FMU	15 FMUs developed the manual for standardized monitoring of HCV policy and printed and disseminated				
			Implementing Forest Fire prevention and Control by FMU and Community	5 communities equipped and trained with fire prevention and control	10 communities equipped and trained with fire prevention and control	15 communities equipped and trained with fire prevention and control	10 communities equipped and trained with fire prevention and control	10 communities equipped and trained with fire prevention and control
			Improving community based Forest Patrolling by FMU and community	5 communities provide patrolling with FMUs	10 communities provide patrolling with FMUs	15 communities provide patrolling with FMUs	10 communities provide patrolling with FMUs	10 communities provide patrolling with FMUs
		2.1.3 Demarcation of FMU and forest	facilitating implementation of defined boundary and	5 FMUs developed their boundary Maps	6 FMUs developed their boundary Maps	3 FMUs developed their boundary Maps	4 FMUs developed their boundary Maps	2 FMUs developed their boundary Maps

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		utilization boundaries	forest utilization block of FMU					
	2.2. Strengthening provincial and district government to supervise and monitor implementation of sustainable Estate Crops	2.2.1. Strengthening provincial and district government to supervise and monitor implementation of sustainable Estate Crops	Facilitating provincial and district government in monitoring implementation of HCV on estate crops	At least 2 supervisions to estate crops by the estate crop services staff in Kutai Kartanegara	At least 2 supervisions to estate crops by the estate crop services staff in Kutai Timur	At least 2 supervisions to estate crops by the estate crop services staff in Kutai Barat and Mahulu	At least 2 supervisions to estate crops by the estate crop services staff in PPU and Paser	At least 2 supervisions to estate crops by the estate crop services staff in Berau
			Training on HCV management for estate crops service	20 estate crops services staff trained on implementation of HCV	20 estate crops services staff trained on implementation of HCV	20 estate crops services staff trained on implementation of HCV	20 estate crops services staff trained on implementation of HCV	20 estate crops services staff trained on implementation of HCV
			Training ISPO for estate crop service	20 estate crops services staff trained on ISPO (Indonesian Sustainable Palm Oil)	20 estate crops services staff trained on ISPO (Indonesian Sustainable Palm Oil)	20 estate crops services staff trained on ISPO (Indonesian Sustainable Palm Oil)	20 estate crops services staff trained on ISPO (Indonesian Sustainable Palm Oil)	20 estate crops services staff trained on ISPO (Indonesian Sustainable Palm Oil)
			Commitment declaration of government and private sectors' at district level to implement sustainable estate crops	20 companies with signed Commitment declaration between government and private sectors' at district level to implement sustainable estate crops	20 companies with signed Commitment declaration between government and private sectors' at district level to implement sustainable estate crops	20 companies with signed Commitment declaration between government and private sectors' at district level to implement sustainable estate crops	20 companies with signed Commitment declaration between government and private sectors' at district level to implement sustainable estate crops	20 companies with signed Commitment declaration between government and private sectors' at district level to implement sustainable estate crops
			Facilitating consultation between and	at least 1 consultation between province	at least 1 consultation between province	at least 1 consultation between province	at least 1 consultation between province	at least 1 consultation between province

COMPONENT	SUB-KOMPONENT	ACTIVITIES	SUB-ACTIVITIES	2020	2021	2022	2023	2024
			within local government (province and district governments) and private sectors	and district government of estate crop services with private sectors in Kutai Kartanegara	and district government of estate crop services with private sectors in Kutai Timur	and district government of estate crop services with private sectors in Kutai Barat and Mahulu	and district government of estate crop services with private sectors in PPU and Paser	and district government of estate crop services with private sectors in Berau
			Technical assistance on sustainable estate crop implementation of the commitments done by private sectors	20 estate companies received technical assistance in implementing sustainable estate crops	20 estate companies received technical assistance in implementing sustainable estate crops	20 estate companies received technical assistance in implementing sustainable estate crops	20 estate companies received technical assistance in implementing sustainable estate crops	20 estate companies received technical assistance in implementing sustainable estate crops
			Technical assistance implementation of the commitments done by district governments	Implementation of commitment by Kutai Kartanegara district on sustainable estate crop conducted	Implementation of commitment by Kutai Timur district on sustainable estate crop conducted	Implementation of commitment by Kutai Barat and Mahulu district on sustainable estate crop conducted	Implementation of commitment by PPU and Paser district on sustainable estate crop conducted	Implementation of commitment by Berau district on sustainable estate crop conducted
			Technical assistant estate crop companies in complying ISPO principles	20 estate companies received technical assistance in complying ISPO principles	20 estate companies received technical assistance in complying ISPO principles	20 estate companies received technical assistance in complying ISPO principles	20 estate companies received technical assistance in complying ISPO principles	20 estate companies received technical assistance in complying ISPO principles
			Technical assistant estate crop companies to improve productivity	20 estate companies received technical assistance to improve productivity	20 estate companies received technical assistance to improve productivity	20 estate companies received technical assistance to improve productivity	20 estate companies received technical assistance to improve productivity	20 estate companies received technical assistance to improve productivity
			Technical assistant implementation of forest fire	20 estate companies implementing forest	20 estate companies implementing forest	20 estate companies implementing forest	20 estate companies implementing forest	20 estate companies implementing forest

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			prevention and control by private sector	fire prevention and control	fire prevention and control	fire prevention and control	fire prevention and control	fire prevention and control
3: Reducing deforestation and forest degradation within licensed areas	3.1 Implementati on of HCV policies for oil palm estates	3.1.1 Private sector commitments on sustainable estate crops	Consultation and discussion between estate crop companies with relevant stakeholders (including communities) in agreeing commitments for implementation of sustainable estate crops	10 estate crops host consultation with communities for the implementaiton of sustainable estate crops	10 estate crops host consultation with communities for the implementaiton of sustainable estate crops	10 estate crops host consultation with communities for the implementaiton of sustainable estate crops	10 estate crops host consultation with communities for the implementaiton of sustainable estate crops	10 estate crops host consultation with communities for the implementaiton of sustainable estate crops
		3.1.2 Implementati on of HCV management by estate crop companies	Training on HCV management for private sector (estate crops)	20 estate crops staff trined on HCV Management	20 estate crops staff trined on HCV Management	20 estate crops staff trined on HCV Management	20 estate crops staff trined on HCV Management	20 estate crops staff trined on HCV Management
			Implementing HCV management by estate crop companies	20 estate crops implementing HCV management	20 estate crops implementing HCV management	20 estate crops implementing HCV management	20 estate crops implementing HCV management	20 estate crops implementing HCV management
	3.2. Support for Small holders and Fire Prevention	3.2.1 Implementati on of Land Fire Prevention and Suppression by smallholders	Technical assistance for land fire prevention and control by smallholders	10 small holders received technical assistance for land fire prevention and control	10 small holders received technical assistance for land fire prevention and control	10 small holders received technical assistance for land fire prevention and control	10 small holders received technical assistance for land fire prevention and control	10 small holders received technical assistance for land fire prevention and control

COMPONENT	SUB-KOMPONENT	ACTIVITIES	SUB-ACTIVITIES	2020	2021	2022	2023	2024
			Training on community based land fire prevention and control for smallholders	10 smallholders trained on community based land fire prevention and control	10 smallholders trained on community based land fire prevention and control	10 smallholders trained on community based land fire prevention and control	10 smallholders trained on community based land fire prevention and control	10 smallholders trained on community based land fire prevention and control
			Providing equipment for smallholders on land fire prevention and control	10 small holders received equipment on land fire prevention and control	10 small holders received equipment on land fire prevention and control	10 small holders received equipment on land fire prevention and control	10 small holders received equipment on land fire prevention and control	10 small holders received equipment on land fire prevention and control
		3.2.2. Implementation of Land Fire Prevention and Suppression within oil palm estates	Developing Prototype Initiative Model "Partnership System in controlling forest and land fires" for large companies	10 large companies developed the Prototype Initiative Model "Partnership System in controlling forest and land fires"	10 large companies developed the Prototype Initiative Model "Partnership System in controlling forest and land fires"	10 large companies developed the Prototype Initiative Model "Partnership System in controlling forest and land fires"	10 large companies developed the Prototype Initiative Model "Partnership System in controlling forest and land fires"	10 large companies developed the Prototype Initiative Model "Partnership System in controlling forest and land fires"
			Training on community based land fire prevention and control for estate crops and community surround estate crops area	10 estate crops trained on community based land fire prevention and control	10 estate crops trained on community based land fire prevention and control	10 estate crops trained on community based land fire prevention and control	10 estate crops trained on community based land fire prevention and control	10 estate crops trained on community based land fire prevention and control
			Implementation land fire prevention and control by estate crop companies	20 estate companies implementing land fire prevention and control	20 estate companies implementing land fire prevention and control	20 estate companies implementing land fire prevention and control	20 estate companies implementing land fire prevention and control	20 estate companies implementing land fire prevention and control

COMPONENT	SUB-KOMPONENT	ACTIVITIES	SUB-ACTIVITIES	2020	2021	2022	2023	2024
		3.2.3 Supporting sustainable smallholder EC plantations	Technical assistance to smallholders in complying ISPO principles	5 small holder received technical assistance in complying ISPO principles	10 small holder received technical assistance in complying ISPO principles	15 small holder received technical assistance in complying ISPO principles	10 small holder received technical assistance in complying ISPO principles	10 small holder received technical assistance in complying ISPO principles
			Implementing ISPO in smallholders	5 smallholders implementing ISPO	10 smallholders implementing ISPO	15 smallholders implementing ISPO	10 smallholders implementing ISPO	10 smallholders implementing ISPO
	3.3. Implementation of HCV and RIL-C policies for Forestry Concessions	3.3.1. Dissemination of SFM and RIL policies to relevant stakeholders	Dissemination of RIL policy to the all forest concessions	1 Stakeholder Workshop on RIL policy (IUPHHK-HA) dissemination/training conducted for forest concession holders	1 Stakeholder Workshop on RIL policy (IUPHHK-HA) dissemination/training conducted for forest concession holders	1 Stakeholder Workshop on RIL policy (IUPHHK-HA) dissemination/training conducted for forest concession holders	1 Stakeholder Workshop on RIL policy (IUPHHK-HA) dissemination/training conducted for forest concession holders	1 Stakeholder Workshop on RIL policy (IUPHHK-HA) dissemination/training conducted for forest concession holders
			Dissemination of HCV policy to industrial timber plantation	1 Stakeholder Workshop on HCV policy (IUPHHK-HT) dissemination /training conducted for industrial timber plantation managers	1 Stakeholder Workshop on HCV policy (IUPHHK-HT) dissemination /training conducted for industrial timber plantation managers	1 Stakeholder Workshop on HCV policy (IUPHHK-HT) dissemination /training conducted for industrial timber plantation managers	1 Stakeholder Workshop on HCV policy (IUPHHK-HT) dissemination /training conducted for industrial timber plantation managers	1 Stakeholder Workshop on HCV policy (IUPHHK-HT) dissemination /training conducted for industrial timber plantation managers
		3.3.2. Ensuring RIL conducted by forest concession	Training on RIL and SFM for private sectors (IUPHHK-HA)	5 forest concession holders trained on implementation of RIL policy (IUPHHK-HA)	3 forest concession holders trained on implementation of RIL policy (IUPHHK-HA)	4 forest concession holders trained on implementation of RIL policy (IUPHHK-HA)	3 forest concession holders trained on implementation of RIL policy (IUPHHK-HA)	2 forest concession holders trained on implementation of RIL policy (IUPHHK-HA)
			Implementation of RIL	5 IUPHHK-HA facilitated	3 IUPHHK-HA facilitated	4 IUPHHK-HA facilitated	3 IUPHHK-HA facilitated	2 IUPHHK-HA facilitated
		3.3.3. Ensuring the adoption and implementation of HCV policies by	Training on HCV management for private sectors (IUPHHK-HT)	3 IUPHHK-HT HCV management staff trained on implementation of HCV policy (IUPHHK-HT)	2 IUPHHK-HT HCV management staff trained on implementation of HCV policy (IUPHHK-HT)	5 IUPHHK-HT HCV management staff trained on implementation of HCV policy (IUPHHK-HT)	3 IUPHHK-HT HCV management staff trained on implementation of HCV policy (IUPHHK-HT)	2 IUPHHK-HT HCV management staff trained on implementation of HCV policy (IUPHHK-HT)

COMPONENT	SUB-KOMPONENT	ACTIVITIES	SUB-ACTIVITIES	2020	2021	2022	2023	2024
		timber plantation companies						
			implementation of HCV	5 IUPHHK-HT facilitated	5 IUPHHK-HT facilitated	5 IUPHHK-HT facilitated	5 IUPHHK-HT facilitated	5 IUPHHK-HT facilitated
		3.3.4. Developing monetary/non-monetary incentive instrument for adoption of Implementation of RIL and HCV practices	Facilitating Development of monetary/non-monetary incentive instrument for adoption of Implementation of HCV practices	Feasibility assessment on incentives for adoption of HCV practices			Feasibility assessment on incentives for adoption of HCV practices	
			Facilitating Development of monetary/non-monetary incentive instrument for adoption of Implementation of RIL practices	Feasibility assessment on incentives for adoption of RIL practices			Feasibility assessment on incentives for adoption of RIL	
		3.3.5. Reducing deforestation and forest degradation within logging concessions by finalizing the RIL-C policy.	Enforcing implementation of RIL policy at field level	2 companies implementing RIL Policies	2 companies implementing RIL Policies	3 companies implementing RIL Policies	5 companies implementing RIL Policies	5 companies implementing RIL Policies

COMPONENT	SUB-KOMPONENT	ACTIVITIES	SUB-ACTIVITIES	2020	2021	2022	2023	2024
4: Sustainable Alternatives for Communities	4.1. Sustainable livelihoods	4.1.1 Developing new-model swidden-agriculture with community, sustainable peat land agriculture, and Utilizing riparian lands for development of paddy's field with community	Identification areas for facilitation of new-model swidden-agriculture	at least 1 identification of community Area under sustainable agriculture practices (e.g. swidden agr.peatland agr. etc.) (ha) conducted in 4 villages	at least 1 identification of community Area under sustainable agriculture practices (e.g. swidden agr.peatland agr. etc.) (ha) conducted in 4 villages	at least 1 identification of community Area under sustainable agriculture practices (e.g. swidden agr.peatland agr. etc.) (ha) conducted in 4 villages	at least 1 identification of community Area under sustainable agriculture practices (e.g. swidden agr.peatland agr. etc.) (ha) conducted in 4 villages	at least 1 identification of community Area under sustainable agriculture practices (e.g. swidden agr.peatland agr. etc.) (ha) conducted in 4 villages
			facilitating Implementation of swideen-agrculture	4 villages received facilitation implementation of swideen-agriculture	4 villages received facilitation implementation of swideen-agriculture	4 villages received facilitation implementation of swideen-agriculture	4 villages received facilitation implementation of swideen-agriculture	4 villages received facilitation implementation of swideen-agriculture
			Training on sustainable swidden agriculture	at least 2 villages receive trainings on sustainable swidden agricultures	at least 2 villages receive trainings on sustainable swidden agricultures	at least 2 villages receive trainings on sustainable swidden agricultures	at least 2 villages receive trainings on sustainable swidden agricultures	at least 2 villages receive trainings on sustainable swidden agricultures
			Implementation of sustainable swidden agriculture	at least 2 villages implementing sustainable swidden agricultures	at least 2 villages implementing sustainable swidden agricultures	at least 2 villages implementing sustainable swidden agricultures	at least 2 villages implementing sustainable swidden agricultures	at least 2 villages implementing sustainable swidden agricultures
			Training on peat land agriculture (paludiculture)	at least 2 villages receive trainings on peat land agriculture (paludiculture)	at least 2 villages receive trainings on peat land agriculture (paludiculture)	at least 2 villages receive trainings on peat land agriculture (paludiculture)	at least 2 villages receive trainings on peat land agriculture (paludiculture)	at least 2 villages receive trainings on peat land agriculture (paludiculture)
			Implementation on peat land	at least 2 villages implementing peat	at least 2 villages implementing peat	at least 2 villages implementing peat	at least 2 villages implementing peat	at least 2 villages implementing peat

COMPONENT	SUB-KOMPONENT	ACTIVITIES	SUB-ACTIVITIES	2020	2021	2022	2023	2024
			mangrove forests	mangrove conducted in 10 villages in Kutai Kartanegara	mangrove conducted in 5 villages in Paser	mangrove conducted in 5 villages in Berau	mangrove conducted in 5 villages in Kutai Kartanegara	mangrove conducted in 5 villages in Berau
			Facilitating implementation of Ecotourism in Mangrove	at least 1 facilitation on ecotourism in mangrove conducted in 10 villages in Kutai Kartanegara	at least 1 facilitation on ecotourism in mangrove conducted in 5 villages in Paser	at least 1 facilitation on ecotourism in mangrove conducted in 5 villages in Berau	at least 1 facilitation on ecotourism in mangrove conducted in 5 villages in Kutai Kartanegara	at least 1 facilitation on ecotourism in mangrove conducted in 5 villages in Berau
			Facilitating implementation of Nipah Sugar business and its marketing	at least 1 facilitation on Nipah Sugar business in 10 villages in Kutai Kartanegara	at least 1 facilitation on Nipah Sugar business in 5 villages in Paser	at least 1 facilitation on Nipah Sugar business in 5 villages in Berau	at least 1 facilitation on Nipah Sugar business in 5 villages in Kutai Kartanegara	at least 1 facilitation on Nipah Sugar business in 5 villages in Berau
			Lingking the small holders with the existing small grant programs as part of the access to finance training.					
			Training on microfinance to small holders	6) Number of small enterprises on sustainable agriculture practices are developed with the community		Number of small scale commercial producers and other parts of the value chain provided capital as a result of carbon and non carbon benefit sharing mechanisms	3) Number of community-focused investments (enterprises) developed for sustainable land use	
		4.1.3. Developing alternative fresh-water fishery	Facilitating community in preparing cultivation of fresh-water fish	at least 6 villages are facilitated in preparing cultivation of fresh water fish	at least 6 villages are facilitated in preparing cultivation of fresh water fish	at least 6 villages are facilitated in preparing cultivation of fresh water fish	at least 6 villages are facilitated in preparing cultivation of fresh water fish	at least 6 villages are facilitated in preparing cultivation of fresh water fish

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			implementation of cultivation of fresh water fish	at least 6 villages implementing cultivation of fresh water fish	at least 6 villages implementing cultivation of fresh water fish	at least 6 villages implementing cultivation of fresh water fish	at least 6 villages implementing cultivation of fresh water fish	at least 6 villages implementing cultivation of fresh water fish
			Training cultivation of fresh-water fish	at least 6 villages receive trainings on cultivation of fresh water fish	at least 6 villages receive trainings on cultivation of fresh water fish	at least 6 villages receive trainings on cultivation of fresh water fish	at least 6 villages receive trainings on cultivation of fresh water fish	at least 6 villages receive trainings on cultivation of fresh water fish
	4.2. Conservation Partnerships	4.2.1. Building community commitment and partnership in conservation forest area management	Conflict identification in conservation forest	At least 1 conflict identified in conservation area in CA Teluk Apar	At least 1 conflict identified in conservation area in CA Teluk Adang	At least 1 conflict identified in conservation area in Tahura Lati Petangis	At least 1 conflict identified in conservation area in TN Kutai	At least 1 conflict identified in conservation area in TN Kutai
			Facilitating conflict resolution in conservation forest	1 facilitation of conflict resolution in CA Teluk Apar	1 facilitation of conflict resolution in CA Teluk Adang	1 facilitation of conflict resolution in Tahura Lati Petangis	1 facilitation of conflict resolution in TN Kutai	1 facilitation of conflict resolution in TN Kutai
		4.2.2 Capacity Building for Community in conservation forest	Training on joint protection and fire prevention and control on conservation forest between conservation area agency and community	1 joint training for protection and fire prevention & control on conservation forest between conservation area agency and community in CA Teluk Apar	1 joint training for protection and fire prevention & control on conservation forest between conservation area agency and community in CA Teluk Adang	1 joint training for protection and fire prevention & control on conservation forest between conservation area agency and community in Tahura Lati Petangis	1 joint training for protection and fire prevention & control on conservation forest between conservation area agency and community in TN Kutai	1 joint training for protection and fire prevention & control on conservation forest between conservation area agency and community in TN Kutai
			Providing fire protection and control equipment to	15 social forestry groups being equipped for fire protection and control	10 social forestry groups being equipped for fire protection and control	5 social forestry groups being equipped for fire protection and control	15 social forestry groups being equipped for fire protection and control	5 social forestry groups being equipped for fire protection and control

COMPONENT	SUB-KOMPONENT	ACTIVITIES	SUB-ACTIVITIES	2020	2021	2022	2023	2024
			social forestry groups					
			Training on utilization of areas for community livelihood surround conservation forest	50 communities trained on utilization of areas for community livelihood surrounding conservation forest in CA Teluk Apar	50 communities trained on utilization of areas for community livelihood surrounding conservation forest in CA Teluk Adang	50 communities trained on utilization of areas for community livelihood surrounding conservation forest in Tahura Lati Petangis	50 communities trained on utilization of areas for community livelihood surrounding conservation forest in TN Kutai	50 communities trained on utilization of areas for community livelihood surrounding conservation forest in TN Kutai
			Training of Community on conflict early warning system	50 communities trained on conflict early warning system in surrounding conservation area in CA Teluk Apar	50 communities trained on conflict early warning system in surrounding conservation area in CA Teluk Adang	50 communities trained on conflict early warning system in surrounding conservation area in Tahura Lati Petangis	50 communities trained on conflict early warning system in surrounding conservation area in TN Kutai	50 communities trained on conflict early warning system in surrounding conservation area in TN Kutai
		4.2.3 Facilitating implementation of conservation forests by community	Joint protection and fire prevention and control on conservation forest between conservation area agency and community	1 joint protection and fire prevention between conservation area agency and community in CA Teluk Apar	1 joint protection and fire prevention between conservation area agency and community in CA Teluk Adang	1 joint protection and fire prevention between conservation area agency and community in Tahura Lati Petangis	1 joint protection and fire prevention between conservation area agency and community in TN Kutai	1 joint protection and fire prevention between conservation area agency and community in TN Kutai
	4.3. Social Forestry	4.3.1 Capacity Building of Social Forestry for Community	Training of Social Forestry Groups on development of working plan (RKU) (including coaching and mentoring)	15 Social forestry groups (RKU) trained on development of working plan (including coaching and mentoring)	10 Social forestry groups (RKU) trained on development of working plan (including coaching and mentoring)	5 Social forestry groups (RKU) trained on development of working plan (including coaching and mentoring)	15 Social forestry groups (RKU) trained on development of working plan (including coaching and mentoring)	5 Social forestry groups (RKU) trained on development of working plan (including coaching and mentoring)
			Training of Social Forestry	15 forestry groups (RKU) trained on	10 forestry groups (RKU) trained on	5 forestry groups (RKU) trained on	15 forestry groups (RKU) trained on	5 forestry groups (RKU) trained on

COMPONENT	SUB-KOMPONENT	ACTIVITIES	SUB-ACTIVITIES	2020	2021	2022	2023	2024
			groups on development of Business plan (BP) (including coaching and mentoring)	development of business plans (including coaching and mentoring)	development of business plans (including coaching and mentoring)	development of business plans (including coaching and mentoring)	development of business plans (including coaching and mentoring)	development of business plans (including coaching and mentoring)
			Training of Social Forestry groups on SF management (including coaching and mentoring)	15 social forestry groups trained on SF management, including coaching and mentoring (in 50 villages)	10 social forestry groups trained on SF management, including coaching and mentoring (in 50 villages)	5 social forestry groups trained on SF management, including coaching and mentoring (in 50 villages)	15 social forestry groups trained on SF management, including coaching and mentoring (in 50 villages)	5 social forestry groups trained on SF management, including coaching and mentoring (in 50 villages)
			Training of Social Forestry groups on community based conflict early warning system (including coaching and mentoring)	15 social forestry groups trained on community based conflict early warning system ,including coaching and mentoring	10 social forestry groups trained on community based conflict early warning system ,including coaching and mentoring	5 social forestry groups trained on community based conflict early warning system ,including coaching and mentoring	15 social forestry groups trained on community based conflict early warning system ,including coaching and mentoring	15 social forestry groups trained on community based conflict early warning system ,including coaching and mentoring
			Implementation of Village Forest Management	15 social forestry groups implementing its village forest management	10 social forestry groups implementing its village forest management	5 social forestry groups implementing its village forest management	15 social forestry groups implementing its village forest management	5 social forestry groups implementing its village forest management
6. Program Management and Monitoring and Evaluation	Program coordination and management	Management and coordination of ER program implementation across levels	Strengthening institution for ER project management and coordination across sectors	SOP on coordination across sectors for ER project management developed and consulted in Kutai Kartanegara	SOP on coordination across sectors for ER project management developed and consulted in Kutai Timur	SOP on coordination across sectors for ER project management developed and consulted in Kutai Barat and Mahulu	SOP on coordination across sectors for ER project management developed and consulted in PPU and Paser	SOP on coordination across sectors for ER project management developed and consulted in Berau

COMPONENT	SUB-KOMPONENT	ACTIVITIES	SUB-ACTIVITIES	2020	2021	2022	2023	2024
			Develop coordination mechanism (working group at sub-national, and focal points in each relevant sectoral agency)	Mechanism of coordination for each relevant sectors developed				
			Coordination meeting for management	At least one meeting on coordination is conducted for ER management in Kutai Kartanegara	At least one meeting on coordination is conducted for ER management in Kutai Timur	At least one meeting on coordination is conducted for ER management in Kutai Barat and Mahulu	At least one meeting on coordination is conducted for ER management in PPU and Paser	At least one meeting on coordination is conducted for ER management in Berau
		Provision of operating costs for ER program implementation	Develop financial management system for ER program	One meeting facilitation on development of financial management with stakeholders in the province				
			Training on Financial management	at least 1 training on financial management conducted in Kutai Kartanegara	at least 1 training on financial management conducted in Kutai Timur	at least 1 training on financial management conducted in Kutai Barat and Mahulu	at least 1 training on financial management conducted in PPU and Paser	at least 1 training on financial management conducted in Berau
			Coordination meeting financial management	One meeting on coordination for financial management in Kutai Kartanegara	One meeting on coordination for financial management in Kutai Timur	One meeting on coordination for financial management in Kutai Barat and Mahulu	One meeting on coordination for financial management in PPU and Paser	One meeting on coordination for financial management in Berau
			Ensuring benefit sharing plans implemented	One meeting on coordination for financial	One meeting on coordination for financial	One meeting on coordination for financial management in	One meeting on coordination for financial	One meeting on coordination for financial

COMPONENT	SUB-KOMPONENT	ACTIVITIES	SUB-ACTIVITIES	2020	2021	2022	2023	2024
			and fairly distributed	management in Kutai Kartanegara	management in Kutai Timur	Kutai Barat and Mahulu	management in PPU and Paser	management in Berau
	Monitoring and evaluation	Implementation of monitoring and evaluation for ER program implementation	Training on SESA and ESMF	one training on SESA and ESMF in Kutai Kartanegara	one training on SESA and ESMF in Kutai Timur	one training on SESA and ESMF in Kutai Barat and Mahulu	one training on SESA and ESMF in PPU and Paser	one training on SESA and ESMF in Berau
			Monitoring and evaluation of SESA and ESMF implementation	Monitoring evaluation on SESA and ESMF in Kutai Kartanegara	Monitoring evaluation on SESA and ESMF in Kutai Timur	Monitoring evaluation on SESA and ESMF in Kutai Barat and Mahulu	Monitoring evaluation on SESA and ESMF in PPU and Paser	Monitoring evaluation on SESA and ESMF in Berau
			Training on ER program Monitoring (incl. safeguards and KLHS)	at least one Training on ER program Monitoring (incl. safeguards and KLHS) in Kutai Kartanegara	at least one Training on ER program Monitoring (incl. safeguards and KLHS) in Kutai Timur	at least one Training on ER program Monitoring (incl. safeguards and KLHS) in Kutai Barat and Mahulu	at least one Training on ER program Monitoring (incl. safeguards and KLHS) in PPU and Paser	at least one Training on ER program Monitoring (incl. safeguards and KLHS) in Berau
			Monitoring and evaluation of ER Program implementation	A system for MRV developed and operational in Kutai Kartanegara	A system for MRV developed and operational in Kutai Timur	A system for MRV developed and operational in Kutai Barat and Mahulu	A system for MRV developed and operational in PPU and Paser	A system for MRV developed and operational in Berau
			Develop HCV monitoring system	A system for HCV monitoring developed and operational for 7 districts				
			Implementation of HCV monitoring system	An implementation report for HCV monitoring system in Kutai Kartanegara	An implementation report for HCV monitoring system in Kutai Timur	An implementation report for HCV monitoring system in Kutai Barat and Mahulu	An implementation report for HCV monitoring system in PPU and Paser	An implementation report for HCV monitoring system in Berau
		Measurement and Reporting	Improving activity data	at least 200 psp (petak sampling)	at least at least 200 psp (petak sampling)	at least at least 200 psp (petak sampling plot) is conducted in	at least at least 200 psp (petak sampling)	at least at least 200 psp (petak sampling)

COMPONENT	SUB-KOMPONENT	ACTIVITIES	SUB-ACTIVITIES	2020	2021	2022	2023	2024
			through ground thruthing	plot) is conducted in Kutai Kartanegara	plot) is conducted in Kutai Timur	Kutai Barat and Mahulu	plot) is conducted in PPU and Paser	plot) is conducted in Berau
			Improving emission factor data through Permanent Sampling Plot	10 percent of project areas with annual emission reduction data updated/ uploaded in the MRV system	20 percent of project areas with annual emission reduction data updated/ uploaded in the MRV system	10 percent of project areas with annual emission reduction data updated/ uploaded in the MRV system	30 percent of project areas with annual emission reduction data updated/ uploaded in the MRV system	30 percent of project areas with annual emission reduction data updated/ uploaded in the MRV system
			Development capacity on Measurement ER	2 staff each agency trained on MRV in Kutai Kartanegara	2 staff each agency trained on MRV in Kutai Timur	2 staff each agency trained on MRV in Kutai Barat and Mahulu	2 staff each agency trained on MRV in PPU and Paser	2 staff each agency trained on MRV in Berau
			Updating satellite imagery on ER Accounting Area	Satelite imagery on ER Accounting Area anayzed for Kutai Kartanegara	Satelite imagery on ER Accounting Area anayzed for Kutai Timur	Satelite imagery on ER Accounting Area anayzed for Kutai Barat and Mahulu	Satelite imagery on ER Accounting Area anayzed for PPU and Paser	Satelite imagery on ER Accounting Area anayzed for Paser
			Develop sub-national MMR System (including SIS)	Develop sub-national MMR System (including SIS) for Kutai Kartanegara	Develop sub-national MMR System (including SIS) for Kutai Timur	Develop sub-national MMR System (including SIS) for Kutai Barat and Mahulu	Develop sub-national MMR System (including SIS) for PPU and Paser	Develop sub-national MMR System (including SIS) for Berau
			Training on MMR	at least 1 training on MMR conducted in Kutai Kartaneagra	at least 1 training on MMR conducted in Kutai Timur	at least 1 training on MMR conducted in Kutai Barat and Mahulu	at least 1 training on MMR conducted in PPU and Paser	at least 1 training on MMR conducted in Berau
			Implementation sub-national MMR (including SIS)	sub-national MMR developed for Kutai Kartanegara	sub-national MMR developed for Kutai Timur	sub-national MMR developed for Kutai Kartanegara	sub-national MMR developed for Kutai Barat and Mahulu	sub-national MMR developed for Berau
	Program communication	Knowledge management	Knowledge Management database development and maintainance	1 web-based database for Kutai Kartanegara developed	1 web-based database for Kutai Timur developed	1 web-based database for Kutai Barat and Mahulu developed	1 web-based database for PPU and Paser developed	1 web-based database for Berau developed

COMPONENT	SUB-KOMPONENT	ACTIVITIES	SUB-ACTIVITIES	2020	2021	2022	2023	2024
			Developing information, education and communication materials of ER Program implementation for shared learning	1 publication on ER implementation in East Kalimantan	1 publication on ER implementation in East Kalimantan	1 publication on ER implementation in East Kalimantan		
		Information dissemination	Establish and maintain ER program website	Website on ER program is weekly updated	Website on ER program is weekly updated	Website on ER program is weekly updated	Website on ER program is weekly updated	Website on ER program is weekly updated
			Disemination of information, education and communication materials of ER Program implementation for shared learning	Annual report on ER program developed and published	Annual report on ER program developed and published	Annual report on ER program developed and published	Annual report on ER program developed and published	Annual report on ER program developed and published