

Annex C. Programme Intervention Design SGP-Indonesia

C.1. Gunung Leuser National Park (GLNP)

1. CONSERVATION PROGRAMME

1.1. Management process effectiveness improved

Key Activities

- 1.1.1 Co-management meetings (coordination and socialization to relevant stakeholders)
- 1.1.2 Participatory quarterly planning and reporting
- 1.1.3 Demarcation, monitoring and rules formulation of the zoning to strengthen boundary surveillance system and mechanism
- 1.1.4 To establish guard posts and boundary marker at designated locations in GLNP area III

1.2. Public awareness and understanding towards the importance of GLNP improved

Key Activities

- 1.2.1 To establish center of conservation for community development and environmental education
- 1.2.2 To conduct conservation education series and socialization on forestry regulations to relevant stakeholders
- 1.2.3 To develop community outreach strategy and targets
- 1.2.4 To carry out student outreach and socialization through conservation camp and school visits for the youth
- 1.2.5 To conduct volunteer programme for the school children in GLNP adjacent area
- 1.2.6 To develop conservation awareness through online and offline media promotion
- 1.2.7 To install signboard, nature interpretation and education facilities and materials in strategic positions
- 1.2.8 To conduct national forest music festival/concert (e.g. Jazz in the forest)

1.3. To improve and enhance biodiversity existing data availability in order to be used by relevant stakeholders; either for tourism or further research purposes.

Key Activities

- 1.3.1 To conduct training and coaching on biodiversity inventory, identification and monitoring by introducing relevant methods and tools to resort staff and selected community group
- 1.3.2 To carry out joint-effort and regular community-based and resort-based biodiversity inventory, identification, survey and monitoring of key species, species groups and habitats
- 1.3.3 To provide equipment for biodiversity inventory, identification, survey and monitoring of key species, species groups and habitats
- 1.3.4 To carry out identification, implementation and monitoring to wildlife conflict resolution and potential natural disasters (orangutan, elephants, tiger)
- 1.3.5 To establish observation towers dedicated for key species monitoring

- 1.3.6 To develop procedures (SOP) for safe handling and medical treatment of elephant in Tangkahan
- 1.3.7 To establish networking and collaboration with university and veterinarian for safe-handling and medical treatment of key species on location.

1.4. To establish and extend the existing demonstration plot for scientific ecological restoration

Key Activities

- 1.4.1 To carry out identification of encroachment locations
- 1.4.2 To conduct conservation partnership-based restoration
- 1.4.3 To undertake wildlife corridor restoration and connectivity
- 1.4.4 To establish centre of conservation partnership (kemitraan konservasi) in designated and agreed project site

1.5. To reduce threats and illegal activities by implementing law enforcement activities

Key Activities

- 1.5.1 To establish community patrol group (MMP) by determining division of law enforcement responsibilities and defining strategies and targets
- 1.5.2 To develop protocols for law enforcement and set up agreement with other local public officials
- 1.5.3 To provide equipment to support SMART Patrolling in the role model locations
- 1.5.4 To conduct SMART patrolling in the role model locations

2. LIVELIHOOD PROGRAMME

2.1 To improve local community benefits sharing in order to encourage local participation in preserving cultural and natural values of GLNP

Key Activities

- 2.1.1 To develop community-based organizations on livelihoods
- 2.1.2 To conduct training and coaching on institutional strengthening in order to define strategies, targets and activities
- 2.1.3 To carry out community forestry/agroforestry enhancement by undertaking community-based non-timber forest products development (e.g. fisheries, bird breeding, honey bee farming, herbs, medicinal plants, orchids nursery and other productive plants)
- 2.1.4 medicinal plants, orchids nursery and other productive plants)
- 2.1.5 To conduct community-based sustainable agriculture and livestock raising
- 2.1.6 To develop community-based tree planting and natural feeds plants for wildlife in designated agreed locations
- 2.1.7 To carry out training on local products making, to create more diversify processing and postproduction (e.g. pandanus craft products, bamboo products, local food, medicinal plants packaging)
- 2.1.8 To establish networking on local products makers to market

- 2.1.9 To establish linkage farmers to tourism industry and other relevant stakeholders (community agroforestry, agriculture and livestock products to restaurants/accommodation)

2.2 To implement supportive sustainable ecotourism development in the area

Key Activities

- 2.2.1 To develop specific master plan for each of priority tourism destinations in Area III
- 2.2.2 To strengthen existing community based organizations on ecotourism and synergize with official organizations
- 2.2.3 To conduct assessment to inventory, identify and set up priority of tourism attractions for tourism product diversifications
- 2.2.4 To establish visitor management mechanism and monitoring on priority tourism sites
- 2.2.5 To conduct training on introduction to ecotourism on priority tourism sites
- 2.2.6 To conduct training and coaching on tour operational and management (e.g. itinerary and tour quotation making)
- 2.2.7 To conduct training and coaching on basic guiding, interpretation technique, basic foreign language and service of excellence for local guides
- 2.2.8 To conduct training and coaching on media online development (e.g. website, media social and content writing)
- 2.2.9 To review, identify and implement the plan of re-branding Bukit Lawang and Tangkahan
- 2.2.10 To carry out the implementation of online and offline marketing and
- 2.2.11 promotion
- 2.2.12 To conduct shared learning sessions and comparative ecotourism study to other suitable national park(s) that provide applicable model for priority tourism sites in Area III
- 2.2.13 To establish private sector partnerships (e.g. business networking and business relation among local tour operators to travel agents that possess larger market connection, engage communication service provider and Banks for joint-efforts to develop small facilities and joint-promotion).

C.2. Way Kambas National Park (WKNP)

1. CONSERVATION PROGRAMME

1.1. Strengthening of WKNP Institutional at resort level

Key Activities:

- 1.1.1 RBM system planning at 12 Resorts.
- 1.1.2 Preparation of information management system at
- 1.1.3 3 Park Section Office (SPTN).
- 1.1.4 Enhancing the staff capacity;
- 1.1.5 Zoning changes according to governance objectives.
- 1.1.6 Study and development of traditional utilization zones.

1.2. Overall Area Protection and Biodiversity and Ecosystems in the WKNP Area

Key Activities:

- 1.2.1 Inventory, mapping, area vulnerability systems, including potential conflicts and forestry crime activities.
- 1.2.2 Preparation of mitigation and action plans and conflict management including preparation of law enforcement SOP.
- 1.2.3 Protection and security activities including fire handling, animal conflict and forestry crime activities at 12 sites
- 1.2.4 Construction of monitoring posts and joint supervision at the WKNP border
- 1.2.5 Capacity building and skills of (forest ranger polhut) and forest ranger partner community (MMP).
- 1.2.6 Establishment of an integrated team at the provincial and district level to handle illegal activities (Regional Leader Communication Forum/FORKOPIMDA)
- 1.2.7 Escorting forest crime cases

1.3. Preservation of flora and fauna through data and information updates and development

Key Activities:

- 1.3.1 Preparation of road map for future flora and fauna research
- 1.3.2 Research and monitor of key fauna species
- 1.3.3 Inventory of native vegetation and carbon storage study
- 1.3.4 Research and collection of key species DNA
- 1.3.5 Establishment of habitats and populations of key species, including SOP for food harvesting, habitat inventory, food source management of rhino and elephant
- 1.3.6 Strengthening of elephant training centre (PLG) and SRS Management
- 1.3.7 Monitoring and mitigating the impact of cow dung liquid waste on the rivers in the area

1.4. Habitat development

Key Activities:

- 1.4.1 Revitalization of the WKNP ecosystem recovery plan according to zoning changes
- 1.4.2 Ecosystem recovery of 2,000 ha

2. LIVELIHOOD PROGRAMME

2.1. Enhancing the community critical awareness of WKNP sustainability

Key Activities:

- 2.1.1 The construction of community environmental education centre facilities
- 2.1.2 Awareness and environment education to the community, students and children (school visits, Conservation Education, etc.)

2.2. The integration of village spatial plans through the development of assisted village models and the development of integrated ecotourism models

Key Activities of agricultural and forestry commodities:

- 2.2.1. Facilitation on community involvement in organic farming activities
- 2.2.2. Improvement of institutional capacity of community business groups (training series)
- 2.2.3. Legal access of cooperation (MoU) and empowerment of business units' group of nontimber forest product developers, such as Agarwood nursery, orchids and honey

2.3. The integration of village spatial plans through the development of assisted village models and the development of integrated ecotourism models

Key Activities of Village Models:

- 2.3.1. Facilitate the detailed of assisted villages spatial planning in the buffer zone.
- 2.3.2. Preparation of village area governance and institutional mechanisms at the assisted villages level
- 2.3.3. Mentoring and optimizing BUM Desa as a village economic institution that strengthens the business of community groups
- 2.3.4. Development of non-timber forest products (NTFPs), such as animal breeding, Agarwood nursery, orchids and honey
- 2.3.5. Facilitate and creation of nursery to provide restoration of ecosystems, feeding elephants and rhinos, commercial logging (community logging) on community lands (availability of several ha of nursery area).
- 2.3.6. Biogas installation as a demo plot of firewood substitution
- 2.3.7. Making a fishing pond as tourism site destination
- 2.3.8. Forest Fire Handling

2.4. The integration of village spatial plans through the development of assisted village models and the development of integrated ecotourism models

Key Activities of Ecotourism Models:

- 2.4.1. Development of an integrated ecotourism business model and site plan, and integrated ecotourism DED in 5 target villages
- 2.4.2. Development of community-based ecotourism programs and other potential environmental services
- 2.4.3. Ecotourism development capacity training
- 2.4.4. Facilitation and development of Promotion and Marketing
- 2.4.5. Study of the impact of integrated ecotourism management

2.5. Integration of WKNP area planning and development through Conservation Partnerships in the role scheme and sharing benefits from natural resources and protection & utilization of ecosystems

Key Activities:

- 2.5.1. Consultation meetings and forum coordination and multi-stakeholder dialogue
- 2.5.2. Institutional strengthening at the village level, including the Forum Rembug Desa of the WKNP area
- 2.5.3. Preparation of SOPs on the protection, conservation and utilization of natural resources and ecosystems including mechanisms of role sharing and benefits for stakeholders
- 2.5.4. Synchronization of program plans and budgeting with stakeholders to optimize the WKNP Area Collaboration Plan.
- 2.5.5. Development of business processes related to institutional governance, regional governance and business governance in conservation partnership schemes

3. DEVELOPMENT OF MONITORING AND EVALUATION

3.1. Monitoring and Evaluation

Key Activities:

- 3.1.1. Preparation of Monev baseline data
- 3.1.2. Quarterly monitoring and annual evaluation.