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## Cambodia REDD+ National Programme

UNDP PROJECT No. 00076292

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### Forest Carbon Partnership Facilities - REDD+ Readiness Activity Cover Page

#### Title of Activity:

Enhancing natural resources conservation and local communities' livelihood for REDD+ action

#### Related activities in FCPF Workplan:

##### **Output 2.1: Development of National REDD+ Strategy**

Activity 2.1.1 Implementation of priority measures

##### **Output 3: Improved capacity to manage REDD+ at subnational levels**

Activity 3.1 Development of sub-national capacity;

Activity 3.2 Developing and implementing demonstration activities, and

Activity 3.3 Institutionalize REDD+ guidelines

#### Objectives of Activity:

To design and implement policies and measures that will lead to improved management of natural resources, expand livelihood opportunities, and reduced emissions from deforestation and forest degradation.

#### Brief Description:

The collaboration with GDANCP/MoE will be in the following areas:






##### **1 National Protected Area Strategic Management Plan Development**

The GDANCP is currently preparing a National Protected Areas Strategic Management Plan (NPASMP) which builds upon four key strategic objectives: 1) Strengthening Conservation 2) Enhancing Sustainable Management 3) Expansion of Community Livelihood Opportunities, and 4) Strengthening Infrastructure and Institutional Capacity. The objectives and strategies of the NPASMP will be aligned with the Cambodia National REDD+ Strategy, to be completed by the end of 2015. An assessment of the early drafts of these two documents indicates significant overlap in broad goals and objectives related to identification of the drivers of deforestation and degradation, and in putting into place policies and measures to address these drivers. Addressing livelihood needs of communities and capacity building of government staff and stakeholders are also common objectives. Activities will include technical assistance, and national and sub national consultations.

##### **2 National REDD+ Strategy Development**

**Expected outputs:**

1. Improved understanding of drivers of deforestation and forest degradation generated
2. Prioritized policies and measures to address drivers supported and tested
3. Capacity of staff, local communities, and stakeholders strengthened
4. Lessons learned on effective policies and measures to address drivers assessed and documented

	Signature	Name and Function	Date
Developed and Implemented by:		Mr. Kim Nong Deputy General Director General Department of Administration, Nature Conservation and Protection (GDANCP)	30/04/2015
Technical Cleared by:		Sovanna Nhem, National Project Advisor	04/05/2015
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**A proposal from the General Department of Administration, Nature Conservation and Protection,  
Ministry of Environment (GDANCP/MoE) for REDD+ Demonstration Activities to be funded by the Forest  
Carbon Partnership Facility (FCPF)**

**Related Activities FCPF Workplan:**

2.1.1: Implementation of priority measures; 3.1 Development of sub-national capacity; 3.2 Developing and implementing demonstration activities and 3.3 Institutionalize REDD+ guidelines
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<b>Project Title</b>	Enhancing natural resources conservation and local communities' livelihood in Phnom Kulen National Parks for REDD+ action
<b>Project Site</b>	Phnom Kulen National Park, Siem Reap province
<b>Starting date</b>	March 2015
<b>Complete date</b>	March 2017
<b>Adviser</b>	REDD+ National Focal Point, the Ministry of Environment
<b>Team leader</b>	GDANCP REDD+ Focal Point, the Ministry of Environment
<b>Implementing team</b>	Directors of Phnom Kulen National Parks and their colleagues officials, GDANCP, the Ministry of Environment
<b>Funding agency</b>	Forest Carbon Partnership Facility (FCPF)
<b>Duration</b>	March 2015 – March 2017
<b>Budget</b>	USD 110,000

**A. Background**

In 1993, His Majesty King Norodom Sihanouk introduced a Royal Decree designating areas covering about 3.3 million ha (18.3 % of total land area), as Protected Areas (PAs). These PAs are under the management of the General Department of Administration for Nature Conservation and Protection (GDANCP), Ministry of Environment (MoE). PAs currently include 7 national parks, 10 wildlife sanctuaries, 3 protected landscapes, 2 multiple use areas, and 3 core areas.

The national parks are classified under the International Union for the Conservation of Nature (IUCN) Category II, 'National Park,' with the primary purpose to (1) protect natural areas and landscapes that are of national and international importance for the purposes of psychology, science, education, recreation, and tourism (2) maintain priority for physio-geographical samples of areas, living resources communities, genetic resources and species to offer stability and ecological variations (3) manage the use by tourists for psychological, educational, cultural, and recreational purposes to the extent that can ensure limited or no disturbances to the area (4) eliminate and prevent illegal use and occupation of any part of the areas (5) maintain respect for the ecological privileges, land shapes, sacredness or beauty, which are the causes for the establishment of such protected areas, and (6) meet the needs of indigenous groups, including the use of alternative resources, at a level that can meet other objectives of management.

The GDANCP is currently preparing a National Protected Areas Strategic Management Plan (NPASMP) which builds upon four key strategic objectives: 1) Strengthening Conservation 2) Enhancing Sustainable Management 3) Expansion of Community Livelihood Opportunities, and 4) Strengthening Infrastructure and Institutional Capacity. The objectives and strategies of the NPASMP will be aligned with the Cambodia National REDD+ Strategy, to be completed by the end of 2015. An assessment of the early drafts of these two documents indicates significant overlap in broad goals and objectives related to identification of the drivers of deforestation and degradation, and in putting into place policies and measures to address these drivers. Addressing livelihood needs of communities and capacity building of government staff and stakeholders are also common objectives.

## **B. Proposal for Phnom Kulen National Park**

Phnom Kulen National Park (PKLNP) is selected as a demonstration site given its high importance in terms of natural and biodiversity values as well as its socio economic services. The park is located in Svay leu District of 48km from the Siem Reap town and the famous temples of Angkor Wat. Its areas consists of 37,373 ha in North Western Cambodia. It is officially managed by the Ministry of Environment (MoE), with its 50 rangers who have primary duties to patrol and enforce laws to conserve its biodiversity and natural resources.

At present, certain areas of archaeological values are managed by the APSARA authorities. There is also one private tourist concession operating within the park. In addition, there are five villages with a total of 923 families who have legal rights to reside within this area, namely, 1-Anlong Thom, 2-Popel, 3-Tapenh, 4-Sangkelak, and 5-Klakmom (see Figure 1). These communities are highly dependent on its natural resources: water, forests, soil, land and fish for their livelihoods.

Given this context and various actors present in the national park, several critical challenges remain in conserving and sustainably managing biodiversity and natural resources within the park. One challenges pertains to illegal logging, hunting, trapping and fishing, land encroachment and the unsustainable use of NTFPs. A related challenge is lack of financial resources and technical capacity to ensure effective enforcement of laws and implementation of management activities. Finally, lack of adequate alternative livelihoods options for local communities seemingly constituted an additional challenge in enlisting their support to conserve protected areas.

## **C. Goal, Objectives, Outputs and Activities**

The overachieving goal of the project is to design and implement policies and measures that will lead to improve management of natural resources, expand livelihood opportunities, and reduce emissions from deforestation and forest degradation.

Specific objectives of the project are to:

- 1) Generate improved understanding of drivers of deforestation and forest degradation
- 2) Test a set of policies and measures to address the identified drivers
- 3) Strengthen capacity of staff, local communities, and stakeholders on REDD+
- 4) Generate lessons for the implementation of national REDD+ strategy and protected area management

The expected outputs and activities of the project are to:

**Output 1: Improved understanding of drivers of deforestation and forest degradation generated**

Activity 1.1: Undertake an in-depth analysis of main drivers of deforestation and forest degradation

Activity 1.2: Organize stakeholder consultations workshop to prioritize and agree on policies and measures

Activity 1.3: Finalize an assessment report in both languages of Khmer and English

**Output 2: Prioritized policies and measures to address drivers supported and tested**

As a follow-up on the output 1, the project will test the effectiveness of proposed policies and measures to address each type of driver. Thus the below set of activities is only indicative and needs to be revised based on the results of the output 1.

Activity 2.1 Initiate preparation of protected area management plan

Activity 2.2 Strengthen law enforcement mechanisms

Activity 2.3 Reforestation and restoring degraded areas

Activity 2.4 Identify and expand livelihood options for local communities

**Output 3: Capacity of staff, local communities, and stakeholders strengthened**

Activity 3.1 Training on REDD+ concepts (FPIC, safeguards, grievance, community based monitoring)

Activity 3.2 Arrange awareness raising on REDD+ concepts with stakeholders

**Output 4: Lessons learned on effective policies and measures to address drivers assessed and documented**

Activity 4.1 Conduct participatory consultations with stakeholders to identify lessons

Activity 4.2 Conduct a reflection workshop to disseminate findings among stakeholders.

Activity 4.3 Conduct regular field backstopping and monitoring

#### D. Project Strategic Result Framework

Interventions	Indicators	Means of Verification	Assumptions
<b>Objective:</b> BTSNP to become REDD+ areas contributing to climate change mitigation in line with National REDD+ Strategy and UNFCCC	- Biological diversity conserved	- MoE's assessment and survey	- Political, social and economic stability maintain in the country
<b>Outcomes:</b> 1. Natural resources including forest and wildlife conserved. 2. Local communities' livelihood living in the national park improved.	- Fauna and flora conserved - Local communities' livelihood improved.	- MoE's assessment and survey	- MoE provide strong support in the conservation of the national park. - MoE makes budgets available to fully support to the national park after project's end
<b>Output/activities</b>			

<p><b>1. Improved understanding of drivers of deforestation and forest degradation generated</b></p> <p>1.2 Undertake an in-depth analysis of main drivers of deforestation and forest degradation</p> <p>1.3 Conduct consultation workshop to prioritize and agree on appropriate policy and measures for addressing each driver</p> <p>1.4 Finalize the assessment reports in both languages Khmer and English</p> <p><b>2. Prioritized policies and measures to address drivers supported and tested</b></p> <p>2.1 Initiate preparation of protected area management plan</p> <p>2.2 Strengthen law enforcement mechanisms</p> <p>2.3 Reforestation and restoring degraded areas</p> <p>2.4 Identify and expand livelihood options for local communities</p>	<ul style="list-style-type: none"> <li>- Draft Research report prepared</li> <li>- Workshop organized, workshop report</li> <li>- Final report Khmer &amp; English</li> <li>- Minutes of meetings prepared</li> <li>- Boundary and zoning maps produced</li> <li>- At least 22 demarcation poles &amp; 2 sign boards installed</li> <li>- At least 50 rangers trained training on laws enforcement</li> <li>- At least .....km of forest land patrolled</li> <li>- At least.....ha of forest area rehabilitated / planted</li> <li>- Forest based livelihood options supported / enhanced</li> <li>- At least 100 households trained on IFS and their livelihood enhanced</li> <li>- 5,000 seedlings provided</li> <li>- 1,000 chicks provided</li> </ul>	<ul style="list-style-type: none"> <li>- Physical research report</li> <li>- Physical poles</li> <li>- Physical boundary</li> <li>- Training evaluation reports</li> <li>- Monthly patrolling report</li> <li>- Tree planting events / reports</li> <li>- Project's terminal report</li> </ul>	<ul style="list-style-type: none"> <li>- Would need short term consultant support</li> <li>-</li> <li>- Effectiveness of laws enforcement methods</li> <li>- Available budget</li> <li>-</li> <li>- Need skilled livelihoods agency/specialist follow up and support</li> </ul>
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<p><b>3 Capacity of staff, local communities, and stakeholders strengthened</b></p> <p>3.1 Training on REDD+ concepts (FPIC, safeguards, grievance, community based monitoring)</p> <p>3.2 Arrange awareness raising on REDD+ concepts with stakeholders</p>	<ul style="list-style-type: none"> <li>- At least 2 trainings on REDD+ for at least 50 rangers, communities and stakeholders provided</li> <li>- At least 2 REED+ public awareness raising campaign for at least 200 people organized</li> </ul>	<ul style="list-style-type: none"> <li>- Training evaluation reports</li> <li>- Meeting reports and number of awareness raising materials</li> </ul>	<ul style="list-style-type: none"> <li>- Skill of trainers and resource persons available</li> </ul>
<p><b>4 Lessons learned on effective policies and measures to address drivers assessed and documented</b></p> <p>4.1 Conduct participatory consultations with stakeholders to identify lessons</p> <p>4.2 Conduct a reflection workshop to disseminate findings among stakeholders.</p> <p>4.3 Conduct regular field backstopping and monitoring</p>	<ul style="list-style-type: none"> <li>- Effective policies and measures evaluated</li> <li>- Physical evaluation report prepared</li> <li>- Workshop report prepared</li> <li>- 7 field monitoring reports produced</li> </ul>	<ul style="list-style-type: none"> <li>- Physical evaluation report</li> </ul>	<ul style="list-style-type: none"> <li>- Would need short term consultant support</li> </ul>

## E. Activities and timeframe

Outputs/Activities	Q2 2015	Q3 2015	Q4 2015	Q1 2016	Q2 2016	Q3 2016	Q4 2016	Q1 2017
<b>Output1: Improved understanding of drivers of deforestation and forest degradation generated</b>								
1.1. Undertake an in-depth analysis of main drivers of deforestation and forest degradation	x							
1.2. Conduct consultation workshop to prioritize and agree on appropriate policy and measures for addressing each driver	x							
1.3 Finalize the assessment reports in both languages Khmer and English	x							
<b>Output 2: Prioritized policies and measures to address drivers supported and tested</b>								
<b>2.1: Initiate National Protected Area Management Plan</b>								
2.1.1 Conduct field work to review the boundary and zoning		x						
2.1.2 Organize consultative meetings to discuss boundary and zoning			x					
2.1.3 prepare and produce boundary and zoning maps			x					
2.1.4 procure and install boundary poles and signboards			x					
2.1.5 monitor and evaluate boundary poles and sign boards installations			x					
<b>2.2: Enhancing law enforcement mechanism</b>								
2.2.1 Training rangers on smart		x						
2.2.2 conduct regular patrolling		x	x	x	x	x	x	x
<b>2.3 Reforestation and restoring degraded areas</b>					x	x	x	
<b>2.4 Identify and expand livelihood options for local communities</b>								
2.4.1 Training on integrated farming system				x	x	x	x	
2.4.2 Support integrating farming				x	x	x	x	
<b>Outputs 3: Capacity of staff, local communities, and stakeholders strengthened</b>								
<b>3.1 Training on REDD+ concepts</b> (FPIC, safeguards, grievance, and community based monitoring, gender etc.)		x			x			
<b>3.2 Organize 2 public awareness events to local people at pilot sites on REDD+</b> ((FPIC, safeguards, grievance, community based monitoring, gender etc.)			x	x				
<b>Output 4: Lessons learned on effective policies and measures to address drivers assessed and documented</b>								
<b>4.1 Conduct participatory consultations with stakeholders to identify lessons</b>								x



4.2 Conduct a reflection workshop to disseminate findings among stakeholders.								X
4.3 Conduct regular field backstopping and monitoring	X	X	X	X	X	X	X	X

## F. Proposed Budget plan

The total budget for the project is USD 110,000

Outputs/Activities	Q2 2015	Q3 2015	Q4 2015	Q1 2016	Q2 2016	Q3 2016	Q4 2016	Q1 2017	Total
<b>Output1: Improved understanding of drivers of deforestation and forest degradation generated</b>									
1.1. Undertake an in-depth analysis of main drivers of deforestation and forest degradation	9,950								9,950
1.2. Conduct consultation workshop to prioritize and agree on appropriate policy and measures for addressing each driver	4,040								4,040
1.3 Finalize the assessment reports in both languages Khmer and English	300								300
<b>Total output 1</b>	<b>13,970</b>								<b>13,970</b>
<b>Output 2: Prioritized policies and measures to address drivers supported and tested</b>									
<b>2.1: Initiate National Protected Area Management Plan</b>									
2.1.1 Conduct field work to review the boundary and zoning		1,120							1,120
2.1.2 Organize consultative meetings to discuss boundary and zoning			1,120						1,120
2.1.3 prepare and produce boundary and zoning maps			2,750						2,750
2.1.4 procure and install boundary poles and signboards			3,400						3,400
2.1.5 monitor and evaluate boundary poles and sign boards installations			512						512
<b>2.2: Enhancing law enforcement mechanism</b>									
2.2.1 Training rangers on smart		2,560							2,560
2.2.2 conduct regular patrolling		3,720	3,720	3,720	3,720	3,720	3,720	3,720	26,040
<b>2.5 Reforestation and restoring degraded areas</b>					1,000	8,500	600		10,100
<b>2.6 Identify and expand livelihood options for local communities</b>									
2.3.1 Training on integrated farming system and follow up				6,000	1,000	1,000	1,000		9,000

2.3.2 Support integrating farming system				6,100					6,100
<b>Total output 2</b>	<b>-</b>	<b>7,400</b>	<b>11,502</b>	<b>15,820</b>	<b>5,720</b>	<b>13,220</b>	<b>5,320</b>	<b>2,720</b>	<b>62,702</b>
<b>Outputs 3: Capacity of staff, local communities, and stakeholders strengthened</b>									
<b>3.1 Training on REDD+ concepts</b> (FPIC, safeguards, grievance, and community based monitoring, gender etc.)		4,631			4,631				9,262
<b>3.2 Organize 2 public awareness events to local people at pilot sites on REDD+</b> ((FPIC, safeguards, grievance, community based monitoring, gender etc.)			3,000	3,000					6,000
<b>Total Output 3</b>	<b>-</b>	<b>4,631</b>	<b>3,000</b>	<b>3,000</b>	<b>4,631</b>	<b>-</b>	<b>-</b>		<b>15,262</b>
<b>Output 4: Lessons learned on effective policies and measures to address drivers assessed and documented</b>									
<b>4.1 Conduct participatory consultations with stakeholders to identify lessons</b>								9,060	9,060
<b>4.2 Conduct a reflection workshop to disseminate findings among stakeholders.</b>								5,000	5,000
<b>4.3 Conduct regular field backstopping and monitoring</b>	461	461	461	461	461	461	461	461	3,686
<b>Total output 4</b>	<b>461</b>	<b>461</b>	<b>461</b>	<b>461</b>	<b>461</b>	<b>461</b>	<b>461</b>	<b>14,521</b>	<b>17,746</b>
<b>Grand total</b>	<b>14,751</b>	<b>12,492</b>	<b>14,963</b>	<b>19,281</b>	<b>10,812</b>	<b>13,681</b>	<b>5,781</b>	<b>18,241</b>	<b>110,000</b>

## **D. Implementation Arrangements**

The FCPF Project Management Unit (FCPF PMU) will provide overall advice and coordination to the project. GDANCP's REDD+ Focal Point will be the Team Leader who will be responsible for oversight to project implementation, and monitoring and evaluation. Technical Departments, GDANCP will provide technical guidance and administrative guidance will be provided by the Provincial Department of Environment in Koh Kong province. Director and staff of the BTSNP will implement and coordinate the project and ensure communities, local authorities, NGOs and other stakeholders are actively involved in project implementation.

Significant Technical Assistance has been planned for the project that will include inputs to design the approach to assess drivers; orientation of staff; frameworks for preparation of protected area plans; participatory methodologies; lesson's learned; and monitoring and evaluation. The REDD+ Taskforce will have a role in monitoring and evaluation.

FCPF PMU will also conduct visits to project to assess first hand project progress. Other members of the Project Board may also join these visits. A FCPF PMU Field Visit Report will be prepared by the FCPF PMU and will be circulated no less than one month after the visit to the project team and Project Board members.

## **E. Sustainability**

This project will focus on developing capacities at the local level for rangers and local communities to create awareness of the relationship between livelihoods, natural resources, and REDD+ concepts. A permanent nursery will be established in the next phase to ensure sustainable reforestation and livelihood improvement.

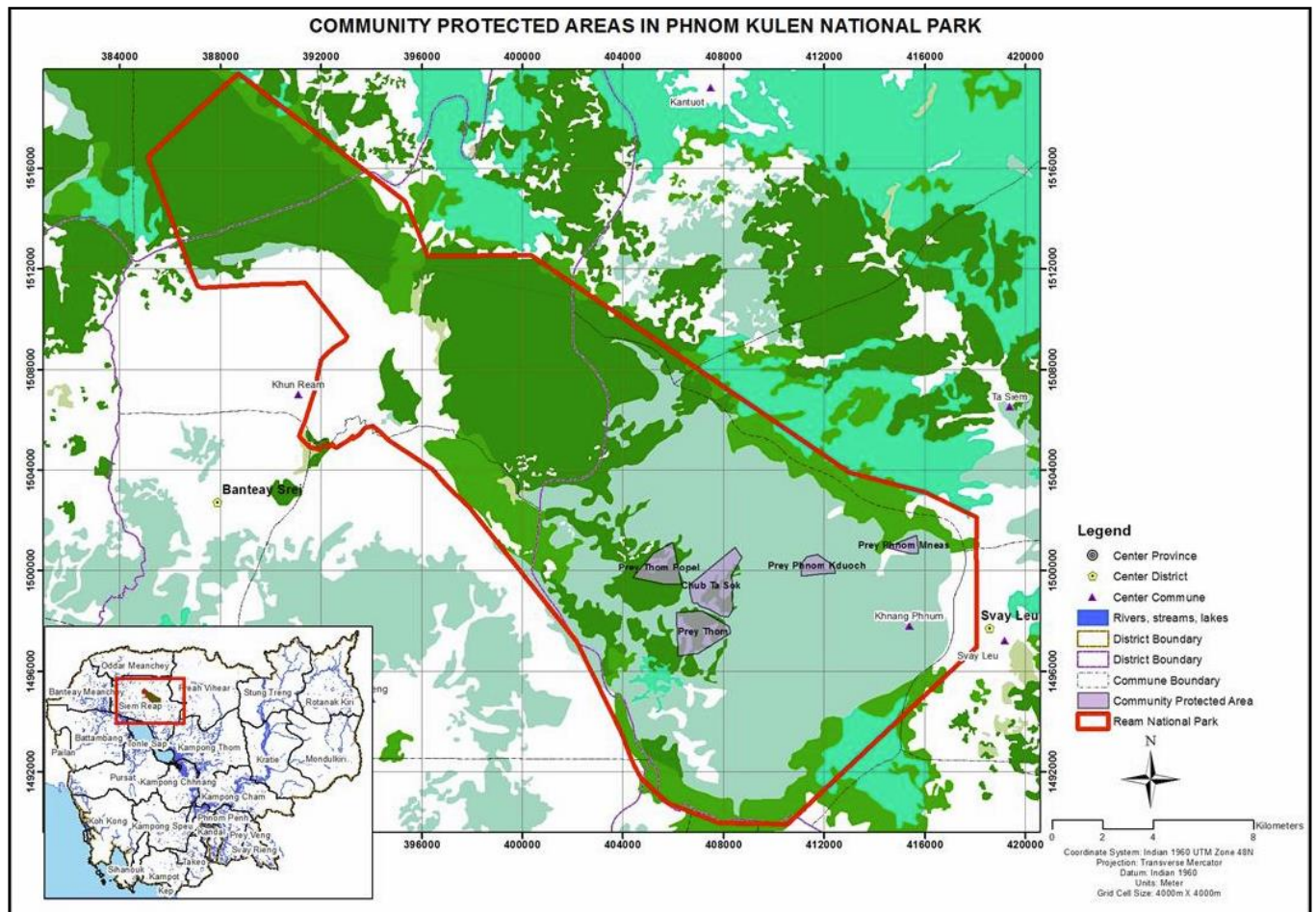
## **F. Risk Analysis**

The pilot site would be at risk in the absence of strong support from MoE in the conservation and management of the national park. An additional risk is the introduction of economic development plans inside the park boundary. Cooperation from local authorities and participation from local people will be critical for successful project implementation. Absence of sustainable financing to continue project activities remains a future risk.

## **G. Project Duration**

The project duration will be two years from March 2015 to February 2017.

## Annexure 1: Community Protected Areas within the Phnom Kulen National Park



## Annexure 2: Details explanation of the proposed key activities

### Output 1. Improved understanding of drivers of deforestation and forest degradation generated

#### Activity 1.1 Undertake an in-depth analysis of main drivers of deforestation and forest degradation

- Tenure situation (core, conservation, sustainable use, community development zones)
- Main stakeholders and their uses of the areas (e.g. ELCs, migrants, local communities)
  - ELCs
    - What are the statuses of the existing concessions (i.e. active, inactive, or revoked) If inactive or revoked, how are the areas used (restored, left, exploited, or used for other purposes)
    - To what extent these concessions adhere to their boundaries
    - How their operations have impacted the natural resources and biodiversity,
    - Whether there are any measures to mitigate/avoid any negative impacts (e.g. EIA law, Moratorium on concessions)
  - Communities
    - What are patterns of uses of natural resources within the park
    - Are there any community PAs

- Main drivers of deforestation and forest degradation (e.g. ELCs Illegal logging Encroachment by local communities)
- An analysis of barriers for addressing each identified driver, including but not limited to the following considerations:
  - ELCs (lack of strict regulations to mitigate adverse environmental impacts)
  - Law enforcement and PA (low capacity of rangers, limited human resources Limited financial support)
  - Community involvement (lack of alternative livelihoods)

Activity 1.2: Conduct consultation workshop to prioritize and agree on policies and measures

Activity 1.3: Finalize an assessment report in both languages of Khmer and English

**Output 2: Prioritized policies and measures to address drivers supported and tested:**

As a follow-up on the output 1, the project will test the effectiveness of proposed policies and measures to address each type of driver. Thus the below set of activities is only indicative and needs to be revised based on the results of the output 1.

Activity 2.1: Initiate preparation of protected area management plan

- Clarification of tenure, land uses in the areas
  - Zoning and boundary demarcation
  - Participatory land use planning within the park
- Moratorium or more stringent regulations (e.g. EIA?) for ELCs approvals

Activity 2.2: Strengthen law enforcement mechanism

- Testing the effectiveness of approaches for strengthening law enforcement (besides regular monitoring, are there any innovative approaches for monitoring? For example, use of mobile technologies, community based monitoring and surveillance)

Activity 2.3: Reforestation and restoring degraded areas

- Testing the effectiveness of approaches for reforestation and restoring degraded areas within the park (e.g. kinds of species that have high survival rates, community involvement in reforestation activities)

Activity 2.4: Involving communities in conservation of the national park

- Alternative livelihood activities and eco-tourism options
- Integrated Farming Activity

**Output 3: Capacity of staff, local communities and stakeholders strengthened**

Activity 3.1: Training on REDD+ concepts (FPIC, safeguards, grievance, community based monitoring) for all types of stakeholders present in the national park

Activity 3.2: Awareness raising events on REDD+ among stakeholders in the national park

**Output 4: Lessons learned on effective policies and measures to address drivers assessed and documented**

Activity 4.1: Conduct participatory consultations with stakeholders to identify lesson.

- includes 1) analysis of main drivers of deforestation and degradation of the national park, 2) assessment of the effectiveness of different policies and measures that have been tested to address these drivers, 3) capacity needs assessment of officers for monitoring of REDD+ activities and indicators and 4) recommendation of policies and measures that should be utilized under the national REDD+ strategy and NPASMP.

Activity 4.2: Conduct a reflection workshop to disseminate findings among stakeholders.

Activity 4.3: Conduct regular field backstopping and monitoring