

## Bhutan Trust Fund for Environmental Conservation Implementation Completion Report

### Section I: Project Information

Project Title:	<b>National Roll-out for SMART patrolling program</b>
Grant Number:	<b>MB178Y17</b>
Grantee:	<b>Nature Conservation Division, Department of Forests and Park Services</b>
Project period:	<b>Jan 2017 to June 2018</b>

### Section II: Project Accomplishment

<b>Project Goal: As in the Results Framework</b>		
<b>Output</b>	<b>Achievement against the outputs</b> <i>(Explain and indicate the tangible results against each output)</i>	<b>Achievement of outcomes</b> <i>(Explain how the collective achievements of output/s have contributed to the accomplishment of the outcome/s)</i>
<b>Project Outcome: National roll-out for SMART Patrolling program for revolutionising traditional data collection methods and management paradigm</b>		
Output 1:- <i>Capacity of trainers and national focal enhanced for SMART implementation</i>	<ol style="list-style-type: none"> <li>1. Conducted training of the trainers on SMART and CyberTracker application software</li> <li>2. Conducted training on SMART implementation and data module designing and data management at six regions (Paro, Wangdue, Bumthang, Phuentsholing, Samdrup Jongkhar and Tashigang,) throughout Bhutan.</li> </ol>	With the capacity of the focal officers enhanced in SMART patrolling and Cyber Tracker application, SMART training was conducted for field staffs of all the protected areas and field divisions. All the field offices now implement SMART patrolling and submit monthly patrol reports to the department. The efficiency of patrol groups has drastically improved with SMART.
Output 2. <i>Equipment purchased for implementation of SMART using CyberTracker (replacing the traditional GPS units and digital cameras for field data collection).</i>	- 95 units of handheld data collection devices (rugged phones- CT5 and CT7) were procured and issued to the field offices. The devices has Cyber Tracker applications installed which is being used for data collection during patrolling and other field works.	The implementation of SMART patrolling has helped field offices in effective and efficient use of limited resources for conservation and protection works. Besides generating data from patrolling, Cyber tracker application was also customized to Bhutan's

		<p>context and used for data collection including forestry services like timber marking, research, surveys, etc.</p> <p>The rugged phones procured through this project has revolutionized the traditional data collection system which required huge amount of time and resources. The data collection, storage and analysis now takes less time and resources.</p>
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### Section III: Project Beneficiaries

<b>List of beneficiaries as indicated in the project document</b>	<b>Explain how the project has benefitted</b>
Department of Forests and Park Services	<p>The project has benefited the Department of Forests and Park services through the enhancement of the staff capacity through customized trainings provided to the focal offices and field staff on SMART patrolling. The department is now capable of taking forward SMART patrolling by our own staff including development of data models in cyber tracker for data collection and recording.</p> <p>The supply of rugged phones has helped the staffs in collection, storage and analysis of data from patrolling and other field works.</p> <p>This project has helped in taking the SMART patrolling from concept to practice in Bhutan's protected areas and forest divisions. Prior to this project, only three sites (Royal Manas National Park, Phibsoo Wildlife Sanctuary and Sarpang Forest Division) were implementing SMART patrolling on pilot basis. Now, SMART is being implemented in all the protected areas and Forests Division.</p>

#### **Section IV: Sustainability**

*Explain how the sustainability of the project has been ensured*

This project was financed in a critical time when the Department of Forests and Park Services had limited resources to roll-out SMART patrolling after piloting in few sites. This project has successfully rolled-out SMART patrolling in all the field offices for the purpose of conservation, protection, resource allocation and research.

As SMART patrolling is an important tool in conservation and monitoring of the resources, the 12 FYP and Bhutan for Life project included it as one of the important activities. Therefore, the sustainability of this program will be ensured through finance from 12FYP and BFL and also other donor funding in future.

#### **Section V: Major factors affecting the project implementation**

<b>Factors</b>	<b>Description</b>
Deviation from proposed plan (Activity/budget)	NA
Delay in fund approval and disbursement process from BTFEC	NA
Delay in fund release from DPA	NA
Change in policy if any	NA
Any other	NA

#### **Section VI: Fund Utilization Status**

<b>Total approved budget</b>	<b>Total budget disbursed from BTFEC</b>	<b>Total budget utilized</b>	<b>Total budget balance</b>
4,000,000.00	4,000,000.00	4,000,000.00	0.00

#### **Section VII: Recommendation to BTFEC**

None

**Submitted by:**

a) Name:

**Sonam Wangdi,  
Chief Forestry Officer  
Nature Conservation Division**

b) Date: **06/08/2018**

c) Signature: