

## **Executive Summary**

BFL has been categorized as a Category B project, as the potential adverse environmental and social impacts on population within the Protected Areas or those living around who depend on the PA for their livelihoods or environmentally important areas are site-specific, reversible and can be readily mitigated.

Therefore, to ensure that all BFL funded projects and programs are environmentally and socially sustainable as well as in line with BFL's policies and guidelines, an Environmental and Social Management Plan (ESMP) involving stakeholder participation and timely public disclosure is required.

An Environmental and Social Management Plan (ESMP) for Royal Project Coordination Office (RPCO) describes mitigation measures/good practices at activity level which are required as per the screening protocol. All the screened activities which has potential risks to environment and social management have to prepare ESMP which include environment management and mitigation plans during pre-activity, activity implementation and closing phases. Hence, it contains description of the detailed actions including communities, roles, communication and reporting and monitoring processes required as part of the implementation. In order to ensure that the issues of all stakeholders are taken into account, it includes a stakeholder engagement plan. The plan includes identification of stakeholders, method of engagement, timing and logistics. It is a requirement for all parks and biological corridors to keep record, reporting, review, auditing and update ESMP yearly as per the planned activities.

The activities that required ESMP for the year 2025 under Royal Project Coordination Office (RCPO):

Construction of Basic park infrastructures at Changaphu Park under Chang Gewog, Royal Botanical Park:

1. Construction of disability friendly cycling and walking trail
2. Construction of cafeteria and Project Shop
3. Construction of disability friendly toilet
4. Construction of main entrance gate to Park
5. Construction of Gazebo
6. Construction of Eco-lodge

## བཀོད་ཁྱབ་བཅུད་དོན།

འབྲུག་རྒྱལ་ཡོངས་སྤྱི་ཁྲིའི་ཆོ་སྲོག་མ་དདུལ་འདི་མཐའ་འཁོར་གནས་སྤངས་དང་མི་ཕྱེད་འོས་འབབ་ཅན་གྱི་ལས་འགུལ་གྱི་དབྱེ་ཁག་ ཁ་བ་(Category B) རང་ལུ་ཚུད་དེ་ཡོད་པ་ཡིན། དེ་ཡང་ལས་འགུལ་འདི་ལས་བརྟེན་ཏེ་སྤང་སྦྱོབ་ས་ཁོངས་ནང་སྤྱོད་མིའི་མི་སེར་དང་ ཡང་ན་ སྤང་སྦྱོབ་ས་ཁོངས་ཀྱི་མཐའ་སྤྱོད་མིའི་མི་སེར་ ཡང་ན་ གཤམ་ཅན་གྱི་མཐའ་སྤྱོད་གནས་སྤངས་ཀྱི་ས་ཁོངས་ཚུ་ལུ་གཞོན་པ་འབྱུང་ནིའི་ཉེན་ ཁ་ཡོད་པ་ད་ གཤམ་སྤྱིད་གཞོན་པ་འབྱུང་པ་ཅིན་ གཞོན་ཉེན་ཚུ་དམིགས་གསལ་ས་གནས་ནང་རྒྱུ་ཅིག་འབྱུང་ནི་དང་ གཞོན་ཉེན་མར་ཕབ་རྒྱབ་ནི་དང་ ཚུ་མེད་ཡང་གཏང་ཚུགས་པ་ཡིན།

དེ་འབད་ལུ་ལས་ འབྲུག་རྒྱལ་ཡོངས་སྤྱི་ཁྲིའི་ཆོ་སྲོག་མ་དདུལ་ཐོག་ལུ་ རྒྱབ་སྦྲོར་འབད་ཡོད་པའི་ལས་འགུལ་དང་ལས་ལྷན་ཚུ་ མཐའ་འཁོར་གནས་ སྤངས་དང་ མི་ཕྱེ་གཉིས་ལུ་ཡུན་བརྟེན་གྱི་ཕན་པ་ཡོད་པ་བཟོ་བ་གི་མ་ཚད་ འབྲུག་རྒྱལ་ཡོངས་སྤྱི་ཁྲིའི་ཆོ་སྲོག་མ་དདུལ་གྱི་སྤྱིད་བྱུས་ལམ་སྦྲོན་དང་འབྲིལ་ ཐབས་ལུ་ མཐའ་འཁོར་གནས་སྤངས་དང་མི་ཕྱེ་འཛིན་སྐྱོང་འཆར་གཞི་འདི་དགོ་པ་ད་ མི་དམངས་ཤོས་བསྐྱུན་དང་ དུས་དང་དུས་སུ་མི་དམངས་ལུ་གསང་ བ་བཤད་ནི་འདི་དགོ་པ་ཡིན།

རང་བཞིན་གནས་སྤངས་དང་མི་ཕྱེ་འཛིན་སྐྱོང་འཆར་གཞི་འདི་ནང་ སྤྱི་ཁྲིའི་དང་སྲོག་ཆགས་རྒྱན་ལམ་ཚུ་ནང་ལས་སྤྱོད་འབད་བའི་སྐབས་ ཐབས་ལམ་ དང་བཟང་སྤྱོད་ཚུ་གསལ་སྦྲོན་འབད་པ་ཡིན་མ་དུ་ འདི་ཡང་ལས་སྤྱིའི་གདམ་སེལ་ལམ་ལུགས་དང་འབྲིལ་ཏེ་ཡིན། གདམ་སེལ་འབད་ཡོད་པའི་ལས་སྤྱོད་གི་ རང་ལས་ མཐའ་འཁོར་གནས་སྤངས་དང་མི་ཕྱེ་ལུ་གཞོན་ཉེན་ཡོད་པའི་ལས་སྤྱོད་གི་དོན་ལུ་ མཐའ་འཁོར་གནས་སྤངས་དང་མི་ཕྱེ་འཛིན་སྐྱོང་འཆར་ གཞི་བཟོ་དགོ། འཛིན་སྐྱོང་འཆར་གཞི་འདི་ནང་ ལས་སྤྱོད་འགོ་མ་བཅུགས་པའི་ཏེ་མ་གཞི་བཅུགས་འབད་བའི་སྐབས་དང་མཚུགས་སྐབས་དུ་ མཐའ་འཁོར་ གནས་སྤངས་འཛིན་སྐྱོང་དང་གཞོན་ཉེན་མར་ཕབ་ཀྱི་ཐབས་ལམ་ཚུ་བཅུགས་དགོ་པ་ཡིན།

དེ་འབད་ལུ་ལས་འཛིན་སྐྱོང་འཆར་གཞི་འདི་ནང་ ལས་སྤྱོད་མི་ཕྱེ་ ལུ་འགན། བརྟེན་དང་སྤྱོད་ལུ་ དེ་ལས་སྤྱོད་ལམ་ལུགས་ཚུ་གི་སྤྱོད་ལས་འགུལ་བཤད་ ཁ་གསལ་ཚུད་དགོ་པ་ཡིན། འཛིན་སྐྱོང་འཆར་གཞི་འདི་ནང་ལུ་ གཤམ་གཏོགས་འབད་དགོ་པའི་ཁེ་གུང་ཡོད་མི་ཚུ་གི་ཉོག་བཤད་ཚུ་ཚུད་དགོ་པའི་ཁར་ ཁེ་ གུང་ཡོད་པའི་མི་ཚུ་གི་དོན་ལུ་གཤམ་གཏོགས་འཆར་གཞི་དགོ། གཤམ་གཏོགས་འཆར་གཞི་འདི་ནང་ ཁེ་གུང་ཡོད་མི་ངོས་འཛིན་འབད་ནི་དང་གཤམ་གཏོགས་ འབད་ནིའི་ལམ་ལུགས་ དེ་ལས་གཤམ་གཏོགས་ཀྱི་དུས་ཚོད་དང་བཅའ་སྤྱིལ་ཚུ་ཚུད་དགོ་པ་ཡིན། སྤྱི་ཁྲིའི་དང་སྲོག་ཆགས་རྒྱན་ལམ་ཡིན་ཚད་ཚུ་གི་མཆར་ གཞི་ལས་སྤྱོད་དང་འབྲིལ་ཏེ་ དན་ཐོ་དང་སྤྱོད་ལུ་ བསྐྱར་ཞིབ། ཆིས་དབྱུད་འབད་ནི། དེ་ལས་ མཐའ་འཁོར་གནས་སྤངས་དང་མི་ཕྱེ་འཛིན་སྐྱོང་འཆར་གཞི་ འདི་ལོ་བསྐྱར་བཞིན་དུ་དུས་མཐུན་བཟོ་དགོ་པ་ཡིན།

**རྒྱལ་འཛིན་ ལས་འགུལ་འགོ་འདྲན་ཡིང་ཚད་གི་དོན་ལུ་སྤྱི་ལོ་ ༢༠༢༥** རང་མཐའ་འཁོར་གནས་སྤངས་དང་མི་ཕྱེ་འཛིན་སྐྱོང་འཆར་གཞི་འབད་དགོ་པ་ ཡོད་པའི་ལས་སྤྱོད་ཚུ་ཡང་།

༡༽ དབང་པོ་སྦྱོར་ཅན་དང་ སྤྱི་བཏང་མི་སེར་གཉིས་ཆ་ར་གིས་ ལག་ལེན་འཐབ་བཏབ་པའི་ རྒྱུ་འཁོར་དང་ རྒྱུ་འགུལ་འབད་སའི་ ལམ་བཟོ་བསྐྱུན་ འབད་ནི།

༢༽ ཟུང་ཁང་དང་ལས་འགུལ་ཚོང་ཁང་གསར་བསྐྱུན་འབད་ནི།

༣༽ སྤྱི་བཏང་དང་ དབང་པོ་སྦྱོར་ཅན་ལུ་མཐུན་འགྱུར་ཡོད་པའི་ གསང་སྤྱོད་བཟོ་བསྐྱུན་འབད་ནི།

༤༽ སྤྱི་ག་ནང་འཛུལ་སྤྱོད་གཙོ་བོ་བཟོ་བསྐྱུན་འབད་ནི་དང་།

༥༽ སྤྱི་ལུ་གནས་སྤངས་ལུ་འཆོམ་པའི་ གཞི་བོ་ Gazebo དང་སྤྱོད་ཁྱིམ་བཟོ་བསྐྱུན་འབད་ནི།

# **Bhutan for Life**

## **Environmental and Social Management Plan for Development of Recreational Park at Changkhaphu (2025)**

### **1. Introduction:**

#### **(A) Project Background;**

The proposed recreational park development at Changkhaphu is within the landscape of Changkhaphu Ornamental Conifer Tree Nursery Centre located at Changkhaphu under Chang Geog, Thimphu Dzongkha. It aims to transform an area of 10 acres of the centre to recreational park in total the Ornamental Conifer Tree Nursery Center has an area of 65.10 acres.

The primary beneficiaries of proposed recreational park are the local residents, including families, children, and senior citizens residing in the nearby neighbourhoods. Additionally, the park will attract both National and International visitors, contributing to community integration and social cohesion. The project also seeks to benefit the local community from sale of their local product to the visitors and also the environment by creating a sustainable and eco-friendly green space, fostering biodiversity and contributing to climate change mitigation.

The activities of the project will be implemented involving the local communities from the planning phase. The concerns of the general public shall be considered during the decision-making processes. While execution of the work, local communities will be involved for carrying out the planned activities on community contract or by hiring casual labour on daily basis based on an individual working skill as per the govt. approved rate to generate cash income beside their domestic activities.

Recreational facilities, cultural and artistic elements, environmental education facilities, signage's, aesthetic landscapes, garbage points, picnic spots, toilets, play fields, gazebos, bridges, parking spaces, water feature and eco trails are the main features that shall be developed in the recreational park.

The “hands on training” to educate the local communities and exposure visits to broaden the dimension of knowledge will also be the part of this project, so that they serve in better ways for sustainable management of ecosystem and community support for promoting eco-tourism. The technical staff working for the projects will also be trained in advanced landscaping techniques in the renowned institutions and obtain the certificates which will encourage the technical staff to perform better in future and execute the similar projects with confidence and enthusiasm.

#### **(B) Scope of ESMP;**

The preparation of this Environmental and Social Management Plan (ESMP) was required in order to manage the environmental and social impacts through and specific mitigation actions required to implement the project in accordance with the requirements of WWF’s SIPP, the project’s Environmental and Social Management Framework (ESMF), and applicable national legislation and regulations.

The ESMP provides an overview of the environmental and social baseline conditions on the routes of the proposed second segment of the project, summarizes the potential impacts

associated with the proposed activities and sets out the management measures required to mitigate any potential negative impacts.

This ESMP will be implemented by the Project Manager of Ornamental Conifer Tree Nursery Centre who is also the BFL focal person and by the local contractors.

### **(C) Purpose of ESMP ;**

This Site-Specific ESMP is a project-specific source document detailing the environmental and social protection requirements to mitigate and minimize the adverse impacts. The ESMP's primary purpose is to ensure that the environmental requirements and social commitments associated with the project are carried into implementation and operational phases of the project and are effectively managed. The specific objectives of this ESMP are as hereunder:

- Minimizing any adverse environmental, social and health impacts resulting from the project activities;
- Conducting all project activities in accordance with the relevant RGoB Laws and WWF's safeguard operational policies and guidelines;
- Preventing environmental degradation as a result of either individual subprojects or their cumulative effects;
- Enhancing the positive environmental and social outcomes of project activities;
- Ensuring that the proposed mitigation measures are feasible and cost-efficient;
- Providing an Action Plan to ensure that the project impact mitigation measures are properly implemented and monitored;
- Ensuring that all stakeholders are engaged in the project activities' preparation and implementation, and their concerns are fully addressed.

## **2. Environmental and Socio-Economic Conditions:**

The proposed recreational park is located at an elevation of 2900 meters above sea level to 3000 meters above sea level with mixed conifer forest in gentle slope. The recreational park will be a part of Ornamental Conifer Tree Nursery Center which has an area of 65.10 acres. It falls under Hongtsho Chewog, Chang Geog, Thimphu Dzongkhag which is about 20 to 30 minutes drive from core of Thimphu City. Approximately 10 households with around 100 individuals reside around the proposed recreational park.

The main income of the local communities residing around the proposed area are from agriculture farming, sell of livestock products and also from wages earned through casual work.

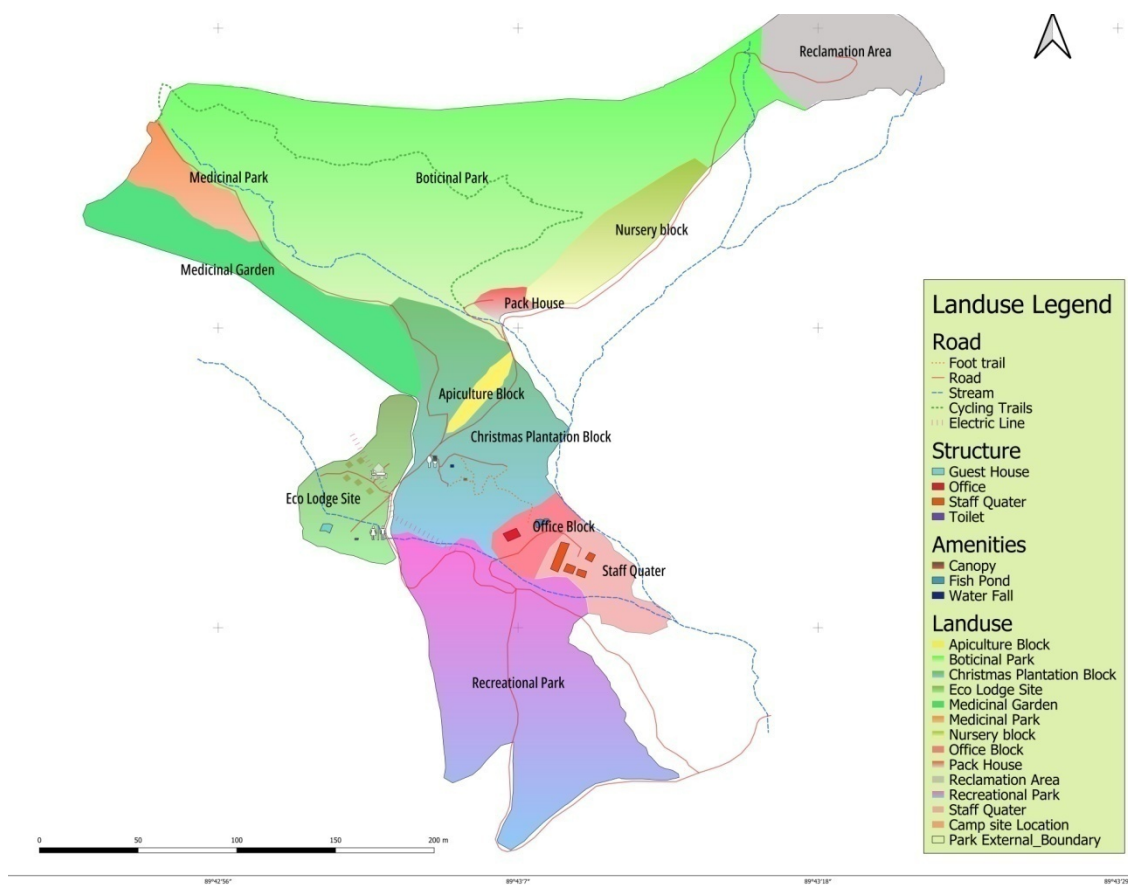
The proposed area is suitable for recreational park, since the area is already under use by the visitors for leisure purposes but the situation currently is against the norms of sustainable management of ecosystem and waste management. Therefore, scientific and technical strategies starting from assessment of area, master plan preparation, inclusion and mapping of amenities and services, planning and designing backed up by ideas of sustainable management of natural resources, community involvement plans and most importantly estimation and budgeting of the project and drafting of management plan for implementation of project plans

and proposals. The post management strategies, monitoring, evaluation and maintenance of park facilities and resources shall be included in the management plans.

The management of recreational park shall administered by the Ornamental Conifer Tree Nursery Centre for all times to come as the area falls under its landscape.

In future, the maintenance cost of the park will be borne from the visitor entry fees, open air event fees and camping fees to sustain the park when government or external funding sources phases out.

### Land Use Map of Changkhaphu Recreational Park



### 3. Planned activities in the Year July 2025 to June 2026:

**Activity 1:** Construction of Cycling / Walking trail (disability friendly).

- a. Budget: **Nu. 1.35 million**
- b. Timeline: July 2025 to December 2025.
- c. Location: Changkhaphu, Chang Geog, Thimphu Dzongkhag

**Activity 2:** Construction of Cafeteria and Project Shop.

- a. Budget: **Nu. 2 million**
- b. Timeline: October 2025 to March 2026.
- c. Location: Changkhaphu, Chang Geog, Thimphu Dzongkhag

**Activity 3:** Construction of Toilet's (disability friendly).

- a. Budget: **Nu. 1 million**
- b. Timeline: October 2025 to December 2025 & April 2026 to June 2026.
- c. Location: Changkhaphu, Chang Geog, Thimphu Dzongkhag

**Activity 4:** Construction of Main Gate.

- a. Budget: **Nu. 0.6 million**
- b. Timeline: October 2025 to December 2025.
- c. Location: Changkhaphu, Chang Geog, Thimphu Dzongkhag

**Activity 5:** Construction of Gazebo's.

- a. Budget: **Nu. 0.6 million**
- b. Timeline: July 2025 to December 2025.
- c. Location: Changkhaphu, Chang Geog, Thimphu Dzongkhag

**Activity 6:** Construction of ECO Lodge.

- a. Budget: **Nu. 1.01 million**
- b. Timeline: July 2025 to December 2025 & April 2026 to June 2026.
- c. Location: Changkhaphu, Chang Geog, Thimphu Dzongkhag

The proposed recreational park is approximately 20 to 30 minutes' drive from the capital city. Due to limited leisure space within the urban area caused by ever growing population and urbanization, the visitors currently visit the proposed area frequently, resulting in waste issues, disturbance of natural habitats and biodiversity. However, the management guidelines will address the challenges and issues if the recreational park is developed.

A cafeteria, Project shop, Gazebo, toilets facilities, cycling or walking trail and eco lodge will be constructed as a part of the recreational facilities at Changkhaphu Ornamental Conifer Tree Nursery Centre. The construction works will be awarded to the contractors as per the Govt. regulation and the works will start from July 2025 to June 2026 as per the government fiscal year. The workers will walk from home and approximately 20 workers will be engaged during the construction works. The BFL focal will make an agreement with the contractor to ensure that all the waste generated by the workers will be cleaned on a daily basis and properly dumped in designated bins.

The construction materials such as stones, timber, MS pipe, stone aggregates, sand, cement, etc. will be procured from the market by the contractor and the water from the reserve water tank of the nursery will be used for construction purposes.

#### 4. Mitigation Measures for Environmental and Social Impacts:

##### 4.1 Construction of Cycling / Walking trail (disability friendly).

Potential impact	Impact scale	Proposed mitigation measures	Responsible Party	Costs (million)
<b>Activity 1:</b> Construction of Cycling / Walking trail (disability friendly).				<b>Nu. 1.35 m</b>
Construction waste	Short term minor	<ul style="list-style-type: none"> <li>Waste segregation and disposal to designated location.</li> </ul>	RPCO / Changkhaphu RP	0.00
Tree cuttings along the alignment.	Short term minor	<ul style="list-style-type: none"> <li>Only required plants along the alignment will be removed/felled.</li> <li>Due process as per FNCR 2023 will be followed.</li> </ul>	RPCO / Changkhaphu RP	0.00
OHS	Short term minor	<ul style="list-style-type: none"> <li>OHS policies will be followed (see Annexure I for detailed information)</li> <li>Issuance of required PPE (Safety helmet and working gloves)</li> <li>Use of PPE by the workers.</li> </ul>	RPCO / Changkhaphu RP	<b>0.00</b>

##### 4.2 Construction of Cafeteria and Project Shop

Potential impact	Impact scale	Proposed mitigation measures	Responsible Party	Costs (million)
<b>Activity 2:</b> Construction of Cafeteria and Project Shop.				<b>Nu. 2 m</b>



Construction waste	Short term minor	<ul style="list-style-type: none"> <li>Waste segregation and disposal to designated location.</li> </ul>	RPCO / Changkhaphu RP	0.00
Tree cuttings within the proposed site.	Short term minor	<ul style="list-style-type: none"> <li>Only required plants along the alignment will be removed/felled.</li> <li>Due process as per FNCR 2023 will be followed.</li> </ul>	RPCO / Changkhaphu RP	0.00
OHS	Short term minor	<ul style="list-style-type: none"> <li>OHS policies will be followed (see Annexure I for detailed information)</li> <li>Issuance of required PPE ( Safety helmet and working gloves)</li> <li>Use of PPE by the workers.</li> </ul>	RPCO / Changkhaphu RP	0.00

#### 4.3 Construction of Toilet's (disability friendly).

Potential impact	Impact scale	Proposed mitigation measures	Responsible Party	Costs (million)
<b>Activity 3:</b> Construction of Toilet's (disability friendly).				<b>Nu. 1.00 m</b>
Construction waste	Short term minor	<ul style="list-style-type: none"> <li>Waste segregation and disposal to designated location.</li> </ul>	RPCO / Changkhaphu RP	0.00
Tree cuttings only within the proposed site.	Short term minor	<ul style="list-style-type: none"> <li>Only required plants along the alignment will be removed/felled.</li> <li>Due process as per FNCR 2023 will be followed.</li> </ul>	RPCO / Changkhaphu RP	0.00
OHS	Short term minor	<ul style="list-style-type: none"> <li>OHS policies will be followed (see Annexure I for detailed information)</li> </ul>	RPCO / Changkhaphu RP	0.00

		<ul style="list-style-type: none"> <li>• Issuance of required PPE (Safety helmet and working gloves)</li> <li>• Use of PPE by the workers.</li> </ul>		
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#### 4.4 Construction of Main Gate.

Potential impact	Impact scale	Proposed mitigation measures	Responsible Party	Costs (million)
<b>Activity 4:</b> Construction of Main Gate.				<b>Nu. 0.6 m</b>
Construction waste	Short term minor	<ul style="list-style-type: none"> <li>• Waste segregation and disposal to designated location.</li> </ul>	RPCO / Changkhaphu RP	0.00
Tree cuttings only within the proposed site.	Short term minor	<ul style="list-style-type: none"> <li>• Only required plants along the alignment will be removed/felled.</li> <li>• Due process as per FNCR 2023 will be followed.</li> </ul>	RPCO / Changkhaphu RP	0.00
OHS	Short term minor	<ul style="list-style-type: none"> <li>• OHS policies will be followed (see Annexure I for detailed information)</li> <li>• Issuance of required PPE (Safety helmet and working gloves)</li> <li>• Use of PPE by the workers.</li> </ul>	RPCO / Changkhaphu RP	0.00

#### 4.5 Construction of Gazebo's.

Potential impact	Impact scale	Proposed mitigation measures	Responsible Party	Costs (million)
<b>Activity 5:</b> Construction of Gazebo's.				<b>Nu. 0.6 m</b>

Construction waste	Short term minor	<ul style="list-style-type: none"> <li>Waste segregation and disposal to designated location.</li> </ul>	RPCO / Changkhaphu RP	0.00
Tree cuttings only within the proposed site.	Short term minor	<ul style="list-style-type: none"> <li>Only required plants along the alignment will be removed/felled.</li> <li>Due process as per FNCR 2023 will be followed.</li> </ul>	RPCO / Changkhaphu RP	0.00
OHS	Short term minor	<ul style="list-style-type: none"> <li>OHS policies will be followed (see Annexure I for detailed information)</li> <li>Issuance of required PPE (Safety helmet and working gloves)</li> <li>Use of PPE by the workers.</li> </ul>	RPCO / Changkhaphu RP	0.00

#### 4.6 Construction of ECO Lodge.

Potential impact	Impact scale	Proposed mitigation measures	Responsible Party	Costs (million)
<b>Activity 6:</b> Construction of ECO Lodge.				Nu. 1.01 m
Construction waste	Short term minor	<ul style="list-style-type: none"> <li>Waste segregation and disposal to designated location.</li> </ul>	RPCO / Changkhaphu RP	0.00
Tree cuttings only within the proposed site.	Short term minor	<ul style="list-style-type: none"> <li>Only required plants along the alignment will be removed/felled.</li> <li>Due process as per FNCR 2023 will be followed.</li> </ul>	RPCO / Changkhaphu RP	0.00

OHS	Short term minor	<ul style="list-style-type: none"> <li>• OHS policies will be followed (see Annexure I for detailed information)</li> <li>• Issuance of required PPE (Safety helmet and working gloves)</li> <li>• Use of PPE by the workers</li> </ul>	RPCO / Changkhaphu RP	0.00
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## **5. ESMP Implementation Arrangements :**

The implementation of project activities will be carried out by the BFL focal person of Changkhaphu Ornamental Conifer Tree Nursery Center. The focal person will be responsible for compliance with all procedures outlined in this ESMP, as well as compliance with any requirements to obtain clearances, permits, approvals, or consent documents from relevant authorities and stakeholders.

This ESMP should be part of the contract that Changkhaphu Ornamental Conifer Tree Nursery Centre will sign with the Contractor(s) for implementation of the planned activities. The Contractor is obligated to perform all proposed preventive or mitigation environmental and social measures in this plan and to keep the evidence of any documents related to applying these measures (e.g., picture of the workers waste collected, records on OHS issued to the workers before start of activities, etc.). An OHS information session shall be organized by the Contractor for all workers prior to start of the project activities and prior to any specific tasks with high health risks.

The recreational park development supervision engineer shall also monitor the implementation of proposed measures by the Contractor and Contractor's subcontractors with visual checking, reviewing the records of evidence that the measures have been applied and ask the Contractor to apply the measures as soon as possible. Non-compliances should be recorded and the report on any non-compliances should be reported to the ESS focal of PCU and the local government immediately. Each non-compliance should be closed with appropriate measure/s and the evidence should be kept.

Disbursement of project funds to the development of recreational park will be contingent upon their full compliance with the safeguards requirements.

## **6. ESMP Monitoring Arrangements:**

The BFL focal person will monitor the implementation of all planned activities and the required mitigation measures, and ensure that they fully comply with this ESMP and with the terms and conditions included in the environment clearances issued by RGoB's national authorities.

Ornamental Conifer Tree Nursery Centre is also fully responsible for the compliance of all external contractors and service providers working in the development of with the safeguards requirements outlined in the ESMP.

The monitoring of activities under this ESMP will be carried out in the following manner:

SI #	Activities	Monitoring team	Timeline		Location	Means of Verification
			Start	Complete		
1	Construction of Cycling / Walking trail.	Field Focal	July 2025	Sept. 2025	Changkhaphu, Chang Geog, Thimphu Dzongkhag.	- Segregated Waste disposed (pictures) - PPE distributed (Distribution list, pictures, Bills, etc) - No. of trees /bushes and types/species removed.
		ESS focal	Aug. 2025	Aug. 2025		
		BFLS	Aug. 2025	Aug. 2025		
2	Construction of Cafeteria cum Project Shop	Field Focal	Oct. 2025	March 2026		
		ESS focal	Nov. 2025	Feb. 2026		
		BFLS	Dec, 2025	Dec. 2025		
3	Construction of Toilet's	Field Focal	Oct. 2025	June 2026		
		ESS focal	Nov. 2025	May 2026		
		BFLS	April 2026	April 2026		
4	Construction of Main Gate	Field Focal	Oct. 2025	Dec. 2025		
		ESS focal	Nov. 2025	Nov. 2025		
		BFLS	Nov. 2025	Nov. 2025		
5	Construction of Gazebo's.	Field Focal	July 2025	Dec. 2025		
		ESS focal	Aug. 2025	Nov. 2025		
		BFLS	Sep. 2025	Sep. 2025		
6	Construction of ECO Lodge.	Field Focal	July 2025	June 2026		
		ESS focal	Sep. 2025	May 2026		
		BFLS	April 2026	April 2026		

## 7. Capacity Need and Budget:

Activities under this ESMP will be implemented by the BFL focal person of IA, supervising engineer/staff, and a contractor that will employ workers as mentioned in the contract agreement.

Sl#	Activity	Amount (Nu.)	Budget for ESS mitigation
1	Construction of Cycling / Walking trail	Nu.1.35 m	Nu. 0.00m
2	Construction of Cafeteria cum Project Shop	Nu. 2.00 m	Nu. 0.00m
3	Construction of Toilet's	Nu. 1.00 m	Nu. 0.00m
4	Construction of Main Gate	Nu. 0.60 m	Nu. 0.00m
5	Construction of Gazebo's.	Nu. 0.60 m	Nu. 0.00m
6	Construction of ECO Lodge.	Nu. 1.01 m	Nu. 0.00m
<b>Total</b>		<b>Nu. 6.56 m</b>	<b>Nu. 0.00m</b>

## 8. Consultation and Disclosure Mechanisms:

The activities of the project will be implemented involving the local communities from the planning phase. The concerns of the general public shall be considered during the decision-making processes. While execution of the work, the local communities will be involved for carrying out the planned activities and the hiring charges will be paid based on an individual work skill.

The detailed minutes of the consultation meetings/official correspondences will be kept as a requirement for this ESMP, along with a full list of participants (disaggregated by gender and age).

The full English version of this ESMP, as well as an executive summary in Bhutanese, shall be disclosed/uploaded on the website of MoAL, BFL and WWF AE. The hard copies of the ESMP will be made available at the office of Changkhaphu Ornamental conifer Tree Nursery centre and at the PCU Office.

## 9. Stakeholder Engagement Plan:

For the development of recreational park at Changkhaphu , Chang Geog administration, Hongtsho Primary School, Heads / Lams of Lhakhangs and supervising engineer besides the local communities are the main stakeholders that are settled around the proposed recreational park development site. Several meetings will be organized before the start of the project and during the inception of the project and all the stakeholders will be engaged during the stakeholder meetings. During the end of the 1st quarter and 2nd quarter of year 6, a stakeholder meeting was conducted to create awareness on ESS of the project.

Local communities will be engaged throughout the implementation of these activities as workers will be hired from the local community.

The ESS focal will submit the consultation reports to the PCU (M&E officer) one week after their receipt. The PCU (M&E officer) will report to the Secretariat on a semi-annual basis.

### 10 Grievance Mechanisms

This ESMP and its mitigation measures are required to be disclosed to communities for 30 days prior to the start of implementation of activities.

In addition, the BFL focal point is responsible for making local communities aware of the grievance mechanisms: the BFL-specific grievance mechanism, WWF's Grievance Redress Mechanism (GRM), and the GCF Independent Review Mechanism (see attached GRMs pamphlet in the ESMP Annexure section 1), Since project areas falls withing BC2 GRM will be used.

#### **BFL-specific Grievance Mechanism**

If the stakeholders have any grievances related to the BLF project they can report their grievances via letter, phone call or verbally to following offices:

- I. Respective nearby gewog office
- II. Lobesa Range Office (Ngawang Gyeltshen, Lobesa Range Officer, Contact no:17620368, email: ngawanggyeltshen@gmail.com)
- III. PA/BC (BC-02) Wangdue Divisional Forest Office Head Office (Grievance officer Name Tsheringla email ID: Tsheringla@moenr.gov.bt)
- IV. BFL, PCU at Department of Forest and Park Services (Ugyen Dechen, 17491881, bflprojectofficer@gmail.com)

#### **WWF Grievance Mechanism**

A grievance can be filed with the Project Complaints Officer (PCO), a WWF staff member fully independent from the Project Team, who is responsible for the WWF Grievance Mechanism and who can be reached at:

Email: SafeguardsComplaint@wwfus.org

Mailing address:

Project Complaints Officer  
Safeguards Complaints,  
World Wildlife Fund  
1250 24th Street NW  
Washington, DC 20037



Stakeholders may also submit a complaint online through an independent third-party platform at <https://secure.ethicspoint.com/domain/media/en/gui/59041/index.html>.

### **GCF Independent Review Mechanism**

The Independent Review Mechanism (IRM) provides recourse to those affected or who may be affected by GCF projects. Complainants can find information on filing a complaint and proceed to file a complaint on the GCF IRM website: <https://irm.greenclimate.fund/case-register/file-complaint>.

Since, activities is implemented within the Royal Botanical Park areas, by Royal Project Coordination Office (RPCO), GRM brochure of RBP will be used as per annexure 1:

## Annexure 1: BFL site specific GRM brochure

### LOGICAL STEPS FOR GRIEVANCE RESOLUTION PROCESS

Each grievance will be registered with the following information:

- Name of the complainant
- Date of the grievance
- Nature of the grievance and location
- Number of persons involved
- Tracking no.
- Potential solutions

**Modes of communication:**

### WHAT HAPPENS TO YOUR COMPLAINT?

The complaint will be investigated by responsible authorities following the logical steps for grievance resolution process within 12 working days. If further investigation is required, the complainant will be informed accordingly and a final response will be provided after an additional period of 8 working days.

If you did not prefer to remain anonymous, you will be notified regarding the complaint resolution once the investigation is completed.

**VISIT US:**

Bhutan For Life, Project Coordination Unit, Department of Forests and Park Services, Ministry of Energy and Natural Resources, Royal Government of Bhutan

### THE GRIEVANCE REDRESSAL MECHANISM FOR BHUTAN FOR LIFE

BC2  
DIVISIONAL FOREST OFFICE, WANGDUE PHODRANG

The goal of the BFL GRM is to channel grievances into an acceptable, institutionalized mechanism for timely resolving conflict that may arise from implementation of BFL project activities.

The GRM seeks to address any grievances related to the implementation of BFL activities such as:

- Loss of community resources
- Non-performance of project obligations including safeguards
- Violations of law and/or corruption
- Project governance and implementation
- Fair access and benefit sharing
- Stakeholder engagement
- Budget allocation
- Labour related issues and incidents
- Gender related issues

### HOW TO FILE YOUR COMPLAINT

To file your complaint, please contact any of the designated individuals provided below. You may maintain anonymity if you prefer.

**BFL FOCAL OFFICER**

Tsheringla  
17978388  
wangdue-forest-division@googlegroups.com  
Wangdue Divisional Forest Office, Lobesa, Punakha

**WANGDUE RANGE OFFICE**

Sangay Norbu  
17290497  
wangdue-range@googlegroups.com  
Wangdue Forest Range Office, Wangdue

**NOBDING RANGE OFFICE**

Tshewang Namgyal  
17560810  
nobding-range@googlegroups.com  
Nobding Forest Range Office, Nobding, Wangdue

**KHOTOKHA FMU OFFICE**

Nar Bahadur Pradhan  
17610535  
khotokha-fmu@googlegroups.com  
Khotokha FMU, Gangrichen, Bjenag Gewog, Wangdue Phodrang

**GASELLO BEAT OFFICE**

Wangda  
17623664/77623664  
kelwangs1984@gmail.com  
Gasello Forest Beat Office, Petakarp, Wangdue

**KAMICHU BEAT OFFICE**

Lham Tshering  
17284103  
namgang20@yahoo.com  
Kamichu Forest Beat Office, Kamichu, Wangdue

**GANGTEY-PHOBJI BEAT OFFICE**

Yeshey Namgyel  
17881256  
yeshinamgyel1989@gmail.com  
Gangtey-Phobji Forest Beat Office, Phobjikha, Wangdue

**IF THE NATIONAL PROCESS OF GRM IS UNABLE TO RESOLVE THE GRIEVANCE, COMPLAINTS MAY ALSO BE FILED WITH WORLD WILDLIFE FUND (WWF).**

Write to the WWF GCF Accredited entity at:  
SafeguardsComplaint@wwf.us.org  
Project Complaints Officer, Safeguards Complaints, World Wildlife Fund 1250 24th Street NW Washington, DC 20037

**COMPLAINTS MAY ALSO BE FILED WITH GCF INDEPENDENT REDRESS MECHANISM (IRM) OPTION. COMPLAINT CAN BE FILED BY:**

- Sending it by mail or email at [irm@gcfund.org](mailto:irm@gcfund.org)
- Sending a voice or video recording
- Filling out the online complaints form available at: <https://gcf.isight.com/external/case/new/group=Complaint>

A complaint for IRM should generally include:

- Name, address and contact information
- A description of the programme (caused adverse impacts to the complainant)
- A description of how the complainants have been/may be adversely impacted by the project/programme
- Whether confidentiality is being requested and the reasons for it.

**COMPLAINTS MAY ALSO BE FILED WITH THE WWF THIRD PARTY GRIEVANCE REPORTING MECHANISM BY USING ETHICS POINT WEBSITE AT:**

<https://secure.ethicspoint.com/domain/media/en/gui/59041/index.html>

This mechanism can receive reports online or by phone in multiple languages.

**IF YOU ARE UNSATISFIED WITH THE COMPLAINT RESOLUTION PROCESS, YOU CAN APPEAL TO:**

GRM Appeal Committee, Bhutan For Life Project, DoFPS, Thimphu, Bhutan.

**YOU MAY ALSO CONTACT THE BFL PROJECT COORDINATION UNIT (PCU) OR FUND SECRETARIAT (FS) AT:**

**BFL FUND SECRETARIAT (FS)**



Kuenzang Tobgay  
17750414  
[kuenzangtobgay@bfl.org.bt](mailto:kuenzangtobgay@bfl.org.bt)  
Bhutan For Life Fund Secretariat, Royal Textile Academy, Thimphu

**BFL PROJECT COORDINATION UNIT (PCU)**

Ugyen Dechen  
117491881  
[bflprojectofficer@gmail.com](mailto:bflprojectofficer@gmail.com)  
BFL Project Coordination Unit, Department of Forests and Park Services, Ministry of Energy and Natural Resources, Taba, Thimphu

Annexure:

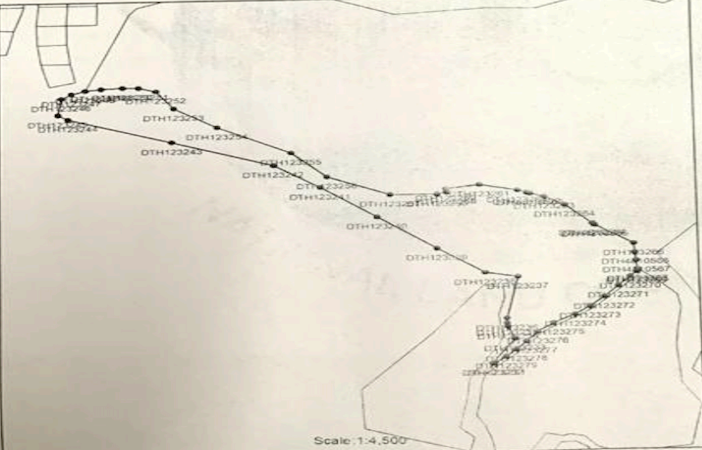
- Land use certificate or Lag Thram

 <p>ལྷན་ཁུངས་མ་ཆ་ལྷན་ཚགས། ས་ཆ་བཀོལ་སྤྱད་ལག་ཁྱེར།</p>		
སྤྱད་མིའི་མིང་གསལ།	ལྷན་ཁུངས་མ་ཆ་ལྷན་ཚགས།	ལྷང་ག་ཕྱག་ལྷན་ཁུངས་འཁུལ།
ཆོང་ལག		ཁེམ་ཕྱག།
ཆེད་འོག		ཅང་།
བཀོལ་སྤྱད་ལག་ཁྱེར་གྱི་མཛུགས་སྐབས་ཀྱི་ལོ་		7/4/00
སྤྱད་མིའི་ལག་ཁྱེར་དེའི་གཞི་		གཞུང་གཞུག་ལྷན་ཁུངས་ཀྱི་


ས་ཁི་ལྷང་།	ས་ཁི་དེའི་བུ།	ས་ཁི་མིང་།	ས་ཁྱེ་ལྷན་ཁུངས་།
CHG-2777	གཞུག་ལྷན་ཁུངས་ཆ	ལྷང་ག་ཕྱག།	ཅ.འ.ཆ.ཅ.
གནད་དོན།	ས་གནས་མཐོ་ཚད་གྱི་མན་དང་ལྷང་མ་ཆེས་ཀྱན་གོང་འཕེལ་དོན་ལུ།		



Scale: 1:4,500

Index Map



Coordinates:

Point ID	CHG-2777	North Easting	South Easting
DTM123235	222089.44	3045173.56	
DTM123236	222090.77	3045126.45	
DTM123239	222030.39	3045207.76	
DTM123238	222065.5	3045178.97	
DTM123233	222006.2	3045103.14	
DTM123235	222089.44	3045120.77	
DTM123234	222081.29	3045114.64	
DTM123245	221749.37	3045368.36	
DTM123244	221757.36	3045343.06	
DTM123247	221759.42	3045392.08	
DTM123246	221752.35	3045387.92	
DTM123241	221944.61	3045279.23	
DTM123240	221986.4	3045244.47	
DTM123243	221835.47	3045334.54	
DTM123242	221909.87	3045305.81	
DTM123277	222094.41	3045209.86	
DTM123276	222103.1	3045110.55	
DTM123275	222111.61	3045120	
DTM123278	222087.11	3045200.94	
DTM123268	222179.07	3045178.56	

30/04/2023  
སྤྱད་མིའི་མིང་གསལ།

(To verify this certificate, scan QR code)

ཕྱིར་སྤྱད་དབང་འཛིན།  
ལྷན་ཁུངས་མ་ཆ་ལྷན་ཚགས་ཀྱི་

- Clearances ( Forestry clearance )



དཔལ་ལྷན་འབྲུག་གཞུང་། ལུས་ཤྱགས་དང་རང་བཞིན་ཐོན་སྐྱེད་ལྷན་ཁག། ལྷགས་ཚལ་དང་གླིང་ཀ་ཞབས་དྲུག་ལས་ཁུངས།  
ལྷགས་ཚལ་ལྷན་ཁག་དང་བརྟེན་དོན་སྤྱི་ཚན།



**Royal Government of Bhutan**  
**Ministry of Energy & Natural Resources**  
**Department of Forests & Park Services**

Application ID: 169315

31 January 2023

**FORESTRY CLEARANCE FOR LAND ACQUISITION BY GOVERNMENT INSTITUTIONS**

This forestry clearance is issued for **Land acquisition by Government Institutions** measuring **Area: 48.647 acre** of the State Reserved Forest Land (SRFL) at **Changkhaphu** under **Chang Gewog, Thimphu Dzongkhag** for the following applicant:

Name	CID	Household Number	Thram Number	Village	Gewog	Dzongkhag
Ugyen Phuntsho						

The proposed area contains:

Trees	
Species	Volume
Pinus wallichiana	14.84
Pinus wallichiana	48.10
Pinus wallichiana	70.518
Pinus wallichiana	83.30
Pinus wallichiana	42.48
Picea spinulosa	7.56
Picea spinulosa	36.811
Picea spinulosa	22.227
Picea spinulosa	19.627
Picea spinulosa	22.656
Picea spinulosa	15.37
Picea spinulosa	13.881
Tsuga dumosa	1.1
Tsuga dumosa	6.265
Tsuga dumosa	3.031
Tsuga dumosa	1.224