



**Western Balkans Investment Framework  
Infrastructure Project Facility  
Technical Assistance 6 (IPF6)**

TA 2016032 R0 IPA

**WB16-ALB-TRA-01**

**Detailed Design for the Rehabilitation of the Railway Line  
Vorë - Hani i Hotit  
Albania**

**Environmental and Social Impact Assessment Study  
ENVIRONMENTAL AND SOCIAL ACTION PLAN**

**July 2021**

**Revised in July 2022**



IPF6 Consortium



## Western Balkans Investment Framework (WBIF) Infrastructure Project Facility Technical Assistance 6 (IPF6)

TA 2016032 RO IPA

### Name of Sub-project

Detailed Design for the Rehabilitation of the Railway Line Vorë – Hani i Hotit,  
Albania

WB16-ALB-TRA-01

Environmental and Social Impact Assessment Study

### ENVIRONMENTAL AND SOCIAL ACTION PLAN

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*The Infrastructure Project Facility (IPF) is a technical assistance instrument of the Western Balkans Investment Framework (WBIF) which is a joint initiative of the European Union, International Financial institutions, bilateral donors and the governments of the Western Balkans which supports socio-economic development and EU accession across the Western Balkans through the provision of finance and technical assistance for strategic infrastructure investments. This technical assistance operation is financed with EU funds*

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## SUB-PROJECT DATA SUMMARY

<b>ACTION</b>	Sub-project implementation
<b>PROJECT CODE</b>	WB16-ALB-TRA-01
<b>BENEFICIARY</b>	Ministry of Transport and Infrastructure, Albania Albanian Railways / Hekurudha Shqiptare
<b>SECTOR</b>	Transport
<b>COUNTRY</b>	Albania
<b>LEAD IFI</b>	EBRD
<b>GAF budget</b>	EUR 4,500,000
<b>IPF6 Budget</b>	EUR 4,500,000
<b>Assigned to IPF6</b>	6 <sup>th</sup> July 2018
<b>Non-Objection by CA</b>	12 <sup>th</sup> December 2018
<b>Commencement date</b>	20 <sup>th</sup> December 2018
<b>Duration (months)</b>	24 months + 7 months (extension)
<b>Due date for completion</b>	July 2021 Revised in July 2022
<b>IPF6 Key Expert responsible</b>	Aristides Karlaftis

## LIST OF ABBREVIATIONS

Abbreviation	Description
AGS	Albanian Geological Survey
AKMZ	National Agency of Protected Areas (NAPA)
Al	Albania
asl	above the sea level
BAP	Biodiversity Action Plan
BOS	Biodiversity Offset Strategy
CBA	Cost Benefit Analysis
CCC	Communication on Climate Change
CD	Conceptual Design
CFP	Chance Finds Procedure
CHMP	Cultural Heritage Management Plan
DCM/DCM	Decision of Council of Ministers
CESMP	Construction Environmental and Social Management Plan
CTC	Centralized traffic control
DD	Detailed Design
DG NEAR	EC DG Neighbourhood Policy and Enlargement Negotiations
EBRD	European Bank for Reconstruction and Development
EQR	Ecological Quality Ratio
EIB	European Investment Bank
EPC	Engineering, Procurement, and Construction
ERA	European Railway Agency
ESIA	Environmental and Social Impact Assessment
ESAP	Environmental and Social Action Plan
ESMS	Environmental and Social Management System
ESMP	Environmental and Social Management Plan
EU	European Union
EUD	European Union Delegation
FD	Functional Design Stage of the Preliminary Design
FS	Feasibility study and financial affordability analysis
GBVH	Gender-Based Violence and Harassment
G/C	Gap/Conclusion
GDP	General Development Plan
Gg	10 <sup>9</sup> g (unit for measuring the CO <sub>2</sub> eq)
GHG	Green House Gas (Emissions)
GIP	Good International Practice
GLDP	General Local Development Plan
HC	Health Centre
HPP	Hydropower plant

Abbreviation	Description
HSE	Health Safety and Environment
IBA	Important Birds Area
IFI	International Financial Institution
IHM	Institute of Hydrometeorology
INF TSI	Infrastructure TSI
IPA	Important Plant Area
IPCC	Intergovernmental Panel on Climate Change
IPF	Infrastructure Project Facility
IPRO	Immovable Property Registration Office
IUCN	International Union for Nature Conservation
OHS	Occupational Health and Safety
OSMS	Operational Safety Management System
LUCF	Land Use Change and Forestry
MFA	Ministry of Foreign Affairs of Albania
MIE	Ministry of Infrastructure and Energy
MKS-64	Mercalli Scale – scale used for seismic intensity
MNR	Managed Nature Reserve
Mne	Montenegro
MoTE	Ministry of Tourism and Environment
NAPA	National Agency of Protected Areas (AKMZ)
NCCC	National Communication on Climate Change
NEA	National Environmental Agency
NIPAC	National IPA Coordinator
NMVOC	Non-methane volatile organic compound
NATD	National Agency of Territory Development
NTC	National Territorial Council
LARF	Land Acquisition and Livelihood Restoration Framework
PA	Protected Area
PD	Preliminary Design
PESIA	Preliminary Environmental and Social Impact Assessment
PFS	Pre-feasibility study
R/E	Roma and Egyptian Community
REA	Regional Environmental Agency
RP	Resettlement Plan
SEE	South East Europe
SEETO	South East Europe Transport Observatory
SEP	Stakeholder’s Engagement Plan
SoER	State of Environment Report
TA	Technical Assistance
ToR	Terms of Reference



<b>Abbreviation</b>	<b>Description</b>
UIC	International Union of Railways
UNECE	United Nations Economic Commission for Europe
UNEP	United Nations Environmental Programme
WB	World Bank
WBIF	Western Balkans Investment Framework
WFD	Water Framework Directive

# 1. Introduction

The “Detailed Design (DD) and the Environmental Impact Assessment study for the Rehabilitation of the railway line Vorë - Hani i Hotit, Albania” (called hereinafter “the Project”), is prepared by the consortium SUEZ - IPF6 (called hereinafter “the Consultant”).

The Project is part of the indicative extension of the TEN-T Core Network in the Western Balkans. This is Albania’s international rail link to the regional and European railway networks through the pan European Corridor X.

The promoter is the Ministry of Infrastructure and Energy (MIE), the implementation agency is the Albanian Railways (HSH), and the lead IFI is the European Bank for Reconstruction and Development (EBRD).

According to national, EU and EBRD requirements, the Project should be submitted to a comprehensive ESIA process.

The Environmental and Social Action Plan – ESAP (**this document**) is part of the ESIA study package.

## 1.1 Background

The railway line Vorë - Hani i Hotit, which is approximately 120 km long, was built in two stages: from Vorë to Laç in the early 1960s, while from Laç to the state border Al/Mne in 1985.

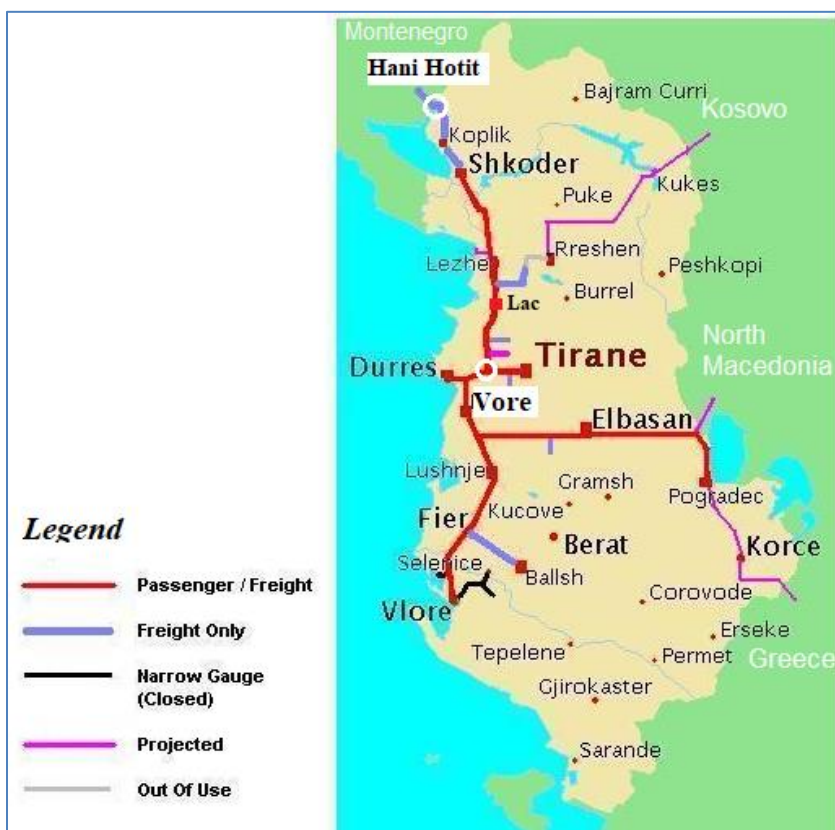


Figure 1.1\_Scheme of the Albanian railway line network

The track infrastructure is in poor condition due to the lack of maintenance. The maximum operating trains speed is 40 km/h. In some railway sections, it is lower than 20 km/h. In addition to the track conditions, the trains’ speed restrictions stem also from the frequent unauthorized level crossings. The signalling system, damaged during the unrest periods in 1991 and 1997, is almost inexistent. Freight services are poor with long journey times and low demand.

The communication between stations is effectuated via radio. There is no controlled safety system for the trains’ movement along the line which increases the risk of accidents. While the alignment geometry is rather good.

Lastly, the Earthquake of November 26.2019 has interrupted the functioning of this railway line because of the heavy damages caused to the Ishmi River Bridge, at km 35 +100 of the line.

## 1.2 The ESIA study and the present document

The proposed project will be submitted to an ESIA process (category A of EBRD; full EIA according to Albanian regulations). This ESIA describes the project’s components and activities, the environmental and social receptors that could be affected, as well as the potential impacts on those receptors. The ESIA proposes a series of actions to avoid/mitigate the potential negative effects and, wherever possible, to enhance the existing environment. The Environmental and Social Action Plan summarizes those actions.

The ESIA process involves the following steps<sup>1</sup> and key tasks.

*Table 1.1\_ESIA process stages and their related key tasks*

No	ESIA process stage and key tasks	
1	Screening (as appropriate)	The Competent Authority (NEA) decides whether an EIA is required and if it does, then which level of assessment is required
2	Scoping (as appropriate)	<ul style="list-style-type: none"> <li>Identifies the key issues and impacts, the content and extent of the assessment, and specifies the information to be included in the EIA Report,</li> <li>Preparation of ToR for EIA</li> </ul>
3	EIA report preparation	EIA report includes <sup>2</sup> : <ul style="list-style-type: none"> <li>Information on the project,</li> <li>Baseline information;</li> <li>Likely significant effects;</li> <li>Proposed Alternatives;</li> <li>Mitigation measures; and a</li> <li>Non-Technical Summary</li> </ul>
4	Information and consultation	<ul style="list-style-type: none"> <li>EIA Report is consulted with the public and stakeholders;</li> <li>EIA improved where necessary subject to consultations information</li> </ul>
5	Decision Making and Development Consent	Based on the EIA report and the consultation results, the Competent Authority decides whether the project causes significant environmental effects. This must be incorporated into the final Development Consent decision.
6	Information on Development Consent	The public is informed of the Development Consent decision.

<sup>1</sup> [http://ec.europa.eu/environment/eia/pdf/EIA\\_guidance\\_EIA\\_report\\_final.pdf](http://ec.europa.eu/environment/eia/pdf/EIA_guidance_EIA_report_final.pdf)

<sup>2</sup> Annex IV of the EIA Directive 2011/92/EU as amended

No	ESIA process stage and key tasks	
7	Monitoring (as appropriate)	During construction and operation, the developer must monitor the identified significant adverse effects as well as the proposed mitigation measures

The Environmental and Social Action Plan is included in item three of the table above. It should comply with the environmental and social policy of the lender (EBRD), the Albanian regulations, and the Good International Practice (GIP).

### 1.3 The Required ESIA Study Package on the Project

The Consultant is preparing the following documents as part of the ESIA study disclosure package to satisfy the ToR provisions, the PRs of the EBRD Environmental and Social Policy (2019) and the EU, and national EIA regulations:

- ESIA Scoping report;
- ESIA report;
- Non-Technical Summary (NTS);
- **Environmental and Social Action Plan (ESAP) – this document;**
- Stakeholder Engagement Plan (SEP);
- Land Acquisition and Livelihood Restoration Framework (LARF);
- Environmental and Social Management Plan (ESMP); and a
- Project Compliance Summary Table (against EBRD PRs).

### 1.4 Purpose of this document

The purpose of the Environmental and Social Action Plan is to give in detail all the proposed actions presented in the outputs of the impact assessment process that aim to avoid/mitigate the potential environmental and social impacts. The implementation of the ESAP by third parties requires the ESAP to provide sufficient details on these actions.

The Environmental and Social Action Plan (ESAP) should comply with the EBRD PRs, the Albanian regulations, and the best practice.

In any event, the Albanian regulations and the EBRD’s environmental and social requirements mentioned in the ESAP should be respected.

## 2. Environmental and Social Action Plan

The table below constitutes the Environmental and Social Action Plan for the proposed project.

Table 2.1\_Environmental and Social Action Plan and the EBRD PRs and national regulations

PR	Proposed Action	Responsibility	Source of requirement	Timeframe / Project Phase	Target and Evaluation Criteria for Successful Implementation
0	Submit to the EBRD the report on environmental, social, health and safety performance, including the status of each ESAP element and other agreed activities.	- HSH/PIU	- EBRD ESP	- To be determined during construction; - To be determined during operation.	Submission of reports to EBRD on schedule and in a mutually agreed format, with agreed supporting documentation Quarterly and annual reporting on ESAP implementation.
<b>1</b>	<b>Assessment and Management of Environmental and Social Risks and Impacts</b>				
1.1	HSH to work with the relevant Government Departments to implement Albanian EIA and ESPOO procedures as required by Albanian legislation and authorities and in line with EBRD ESP and PRs. Undertaking public consultation and stakeholder engagement in line with national legislation and the Project Stakeholder Engagement Plan.	- HSH/PIU - MoTE/ Ministry of Foreign Affairs (MFA) - Affected Party (Montenegro Authorities) - ESIA consultant	- Albanian legislation (DCM 686/598); - Espoo Convention - EBRD PR 1, 10 -	- Prior to consent/building permit	- EIA approved - Transboundary impacts assessed and mitigation measures addressed in line with ESPOO (if required) - Approval of the Environmental Declaration by the Albanian authorities;
1.2	Develop and implement an Environmental and Social Management System (ESMS), equivalent to those under ISO 9000 and ISO 14001. HSH to ensure adequate E&S staff and resources are provided for the ESMS implementation through all phases of the project. (Note: certification is not required, only equivalence);	- HSH - PIU/ consultants -	- EBRD ESP; - EBRD PR 1, 3 - GIP	- Develop prior to construction; - Implement during construction and operation.	- Status reported in each report to EBRD. - ESMS is approved and adequate resources provided by HSH Management and implemented by HSH; - HSH has an organisational structure, that defines roles, responsibilities, and authority to implement the ESMS for ensuring ongoing compliance with relevant national laws and regulatory requirements, and the EBRD's PRs.

PR	Proposed Action	Responsibility	Source of requirement	Timeframe / Project Phase	Target and Evaluation Criteria for Successful Implementation
1.3	Request in the tendering documents that the contractors' Environmental and Social Management Systems (ESMS) be aligned to ISO 14001.	- HSH/PIU	- EBRD PR 1, 3 - ISO 14001	- Prior to signing the contract	- Appointed contractors to have in place and implement an ESMS aligned to ISO 14001 - Contractors' organizational capacity and resources demonstrate ESMS requirements and ESMP are being fully implemented. Environmental and social monitoring in compliance with ESP and EBRD PRs.
1.4	Establish and implement corporate policy and procedures for oversight of contractor environmental, social, stakeholder engagement, health and safety (EHS) performance during construction, including the following specific sub-plans and topics: <ul style="list-style-type: none"> <li>Stakeholders Engagement Plan;</li> <li>Land Acquisition and Livelihood Restoration Plan;</li> <li>Erosion and Sedimentation Control Plan;</li> <li>Topsoil Management Plan;</li> <li>Water Management Plan;</li> <li>Watercourse Crossing Plan;</li> <li>Biodiversity Action Plan;</li> <li>Biodiversity Offset Strategy</li> <li>Infrastructure and Utilities Management Plan;</li> <li>Design change management plan</li> <li>Traffic Management Plan;</li> <li>Landscape Management Plan;</li> </ul>	- ESIA consultant - Contractors - HSH/PIU - Supervising Engineer -	- EBRD PRs 1, 2, 3, 4, 5, 6, 810; - GIP - Albanian legislation	- Prior to engaging contractors/subcontractors Prior to contraction	- CESMP, Sub-plans, and ESIA commitments included in the Contractor's contractual terms (with clear tasks and obligations); to be required in the document of the bidding process under the form of "Engineering, Procurement and Construction" (EPC); - Approved Construction Environmental and Social Management Plan (CESMP) and E&S sub plans are aligned to ESIA commitments, ESMP, national and Lender requirements, and strictly implemented SE to opine on adequacy. - Quarterly EHS Report to EBRD - 6-monthly monitoring by EBRD.

PR	Proposed Action	Responsibility	Source of requirement	Timeframe / Project Phase	Target and Evaluation Criteria for Successful Implementation
	<ul style="list-style-type: none"> <li>• Cultural Heritage Management Plan;</li> <li>• Construction Material Management Plan;</li> <li>• Waste Management Plan;</li> <li>• Pollution Prevention and Response Plan;</li> <li>• Community Health and Safety Management Plan;</li> <li>• Occupational Health and Safety Management Plan;</li> <li>• Labour &amp; Working Conditions Management Plan;</li> <li>• Supply Chain Management Plan,</li> <li>• Emergency Response Plan</li> <li>• Security Management Plan.</li> <li>• Organisational structure, roles and responsibilities for environmental, social and stakeholder management</li> <li>• ESIA commitments and how these will be delivered.</li> <li>• Scope and training objectives with a specific focus on code of conduct and care for the wildlife and cultural heritage, HSE requirements and procedures.</li> </ul> <p>The CESMP and above sub-plans must be developed in detail by the Contractor, as part of the bidding process under the form of “Engineering, Procurement and Construction” (EPC).</p> <p>Supervising Engineer and PIU to review and confirm compliance and HSH to approve CESMP and sub-plans.</p>				
1.5	Acquire and comply with all required permits and authorizations.	<ul style="list-style-type: none"> <li>- HSH</li> <li>- Contractor</li> </ul>	<ul style="list-style-type: none"> <li>- Albanian law;</li> <li>- EBRD ESP;</li> <li>- GIP</li> </ul>	Prior to any activities that require permits or authorizations	<ul style="list-style-type: none"> <li>- Permits &amp; authorizations received;</li> <li>- Reports submitted to Albanian authorities (NLC) as required;</li> </ul>

PR	Proposed Action	Responsibility	Source of requirement	Timeframe / Project Phase	Target and Evaluation Criteria for Successful Implementation
		- Supervising Engineer - MIE			- Compliance status reported to EBRD.
1.6	<p>Appoint an independent E&amp;S consultant to undertake periodic external monitoring of key EHS issues as outlined in this ESAP.</p> <p>Ensure adequate staffing for PIU/Client</p> <p>(Note: could include assistance in reporting under item 0)</p> <p>HSH to monitor the environmental and social performance of the Project following the national regulations and EBRD standards.</p> <p>The tendering documents require the contractors' organisational capacity and commitment to demonstrate sufficient E&amp;S Resources at all times, organize and conduct environmental and social monitoring during the Project's implementation.</p> <p>HSH monitors the environmental and social performance of the Project following the national regulations and EBRD standards.</p>	- HSH/PIU	- EBRD ESP; - EBRD PRs - GIP	<p>Appoint: prior to first disbursement;</p> <p>Monitor: as required by the technical regulations</p>	<p>Monitoring reports submitted to HSH with EHS reports</p> <p>HSH providing regular reports to EBRD on the environmental and social performance of the project, including compliance with PRs and implementation of the ESMS, ESMP, ESAP and stakeholder engagement plan where appropriate.</p>
<b>2</b>	<b>Labour and working conditions</b>				
2.1	<p>Support local labour force and economy by:</p> <ul style="list-style-type: none"> <li>Contracting local companies for construction activities;</li> <li>Recruiting local workforce during construction;</li> <li>Purchase construction materials and goods from local companies</li> </ul>	- Contractor - HSH	- Albanian law; - EBRD PR 2; - GIP	- Prior and during construction	<ul style="list-style-type: none"> <li>Percentage of the amount spent on construction material and goods;</li> <li>Percentage of the amount spend on contractors and sub-contractors</li> <li>Percentage of the total workforce.</li> </ul>



PR	Proposed Action	Responsibility	Source of requirement	Timeframe / Project Phase	Target and Evaluation Criteria for Successful Implementation
2.2	Include in the tendering documents specific requirements on Child and Forced Labour to comply with the EBRD Performance Requirements and national regulations.	- HSH/ PIU	- EBRD PR 2; - National Regulations	- During construction selection process	- HSH to monthly monitor procedures and compliance with EBRD PR2.
2.3	Develop and implement a formal grievance mechanism for employees and contractors. (Note: this is separate from the stakeholder grievance mechanism required under EBRD PR 10)	- HSH - Contractors	- Albanian law; - EBRD PR 2; - GIP	- During construction selection process - Develop and implement prior to construction and during construction and operation	Reports to EBRD on the operation of grievance mechanism (grievances and resolutions) Meeting the requirements of PR2 with respect to GBVH, non-discrimination and equal opportunities. Implementation of confidential grievance collection mechanism. Anonymised record (e.g. register) kept of grievances received and actions taken. Inclusion of summary statistics and explanation on grievances received and managed in HSH Report to the Bank.
2.4	Develop/update Human Resource Policy and Procedures (HRPP) Manual to fully comply with national law and EBRD requirements.	- HSH	- Albanian law; - EBRD PR 2; - GIP	- Prior to project effectiveness	- Submission of HRPP to the EBRD; - Include in report to EBRD data on workers, including dismissals and new hires, status of medical checks, etc.; - Include in reports to EBRD the numbers of workers in various categories
2.5	Develop a Discrimination and Harassment Policy and a Gender Equality and GBVH Action Plan	- Contractor	- EBRD PR4	For Contractor - Prior to construction	- Contractor and HSH to adopt GBVH Plan

PR	Proposed Action	Responsibility	Source of requirement	Timeframe / Project Phase	Target and Evaluation Criteria for Successful Implementation
	Ensure tender documents require the Contractor to align with HSH policy and procedures on HR, Discrimination and Harassment Policy, Gender Equality and GBVH Plans.	<ul style="list-style-type: none"> <li>- Supervising Engineer</li> <li>- HSH/PIU</li> </ul>	<ul style="list-style-type: none"> <li>- National Legislation</li> </ul>	<ul style="list-style-type: none"> <li>- Implement and monitor during construction.</li> </ul> <p>For HSH</p> <ul style="list-style-type: none"> <li>- Develop prior to operation;</li> <li>- Implement during operation.</li> </ul>	<ul style="list-style-type: none"> <li>- Workers Grievance Mechanism to include GBVH</li> <li>- Number of trainings on GBVH and discrimination</li> <li>- Report on grievances received and resolutions</li> <li>- Report on trainings held and number of employees receiving training;</li> </ul>
2.6	<p>Supply Chain Labour Risks</p> <p>Develop and enforce a supply chain management plan for checking the presence/absence of child labour, forced labour and high risks of significant safety issues, throughout the entire supply chain, e.g. in the production of core materials and purchase of relevant equipment.</p>	<ul style="list-style-type: none"> <li>- Contractor</li> <li>- Supervising Engineer Consultant (during construction)</li> </ul>	<ul style="list-style-type: none"> <li>- EBRD PR 2</li> <li>- GIP</li> </ul>	<ul style="list-style-type: none"> <li>- Prior to procurement</li> </ul>	<p>Specific tender clauses on the exclusion, and definition, of ‘forced’ and ‘child’ labour together with requirements to undertake Supply Chain Risk Assessment monitoring and verification. Minimize the risk of child labour and forced labour being used in a core supply chain.</p>
<b>3</b>	<b>Resource Efficiency and Pollution Prevention and Control</b>				
3.1	<ul style="list-style-type: none"> <li>- Produce and implement policies, objectives and targets for resource efficiency during operations phase, and integrate these policies into the ESMS. Include measures to reduce water consumption by the Company. Produce and implement policies, objectives and targets for resource efficiency during operations phase, and integrate these policies into the ESMS. Include measures to reduce water consumption by the Company.</li> </ul>	<ul style="list-style-type: none"> <li>- HSH/PIU</li> </ul>	<ul style="list-style-type: none"> <li>- EBRD PR3</li> <li>- Best practice</li> </ul>	<ul style="list-style-type: none"> <li>- Prior to Operations phase</li> <li>- Operations</li> </ul>	<ul style="list-style-type: none"> <li>- Policies developed and included in ESMS.</li> <li>- Continual improvement in reducing the impact of HSH operations on the environment</li> <li>- Continual improvement in reducing the impact of HSH operations on the environment;</li> <li>- Targets and reporting on these to be included in Annual EHS Report to Bank.</li> </ul>

PR	Proposed Action	Responsibility	Source of requirement	Timeframe / Project Phase	Target and Evaluation Criteria for Successful Implementation
3.2	<p>Develop and Implement a Pollution Prevention and Response Plan to effectively control the potential sources of pollution on the Project, including (at a minimum):</p> <ul style="list-style-type: none"> <li>• Hazardous materials: fuels, oils, greases: General measures that concern good material handling practices during the construction phase; Product Substitution: Whether possible, using environmental friendly construction materials; and Prohibited Materials: Do not use prohibited construction materials or chemicals that have hazardous or toxic nature; Responsibilities: Define the responsibility of all employees and contractors to take appropriate measures to prevent spills in their work and to immediately report any detected spills to their supervisor;</li> <li>• Spill Prevention Measures: Describes the requirements for secure storage of hazardous liquids, including physical measures, procedures, auditing, inspections and risk assessment;</li> <li>• Reporting: Records, reporting and notification procedures to be maintained by the HSE team on site;</li> <li>• Actions and measures to prevent leakages and spills and to enable effective response to unplanned releases of liquids, such as fuels, oils, greases and chemicals.</li> <li>• Prepare a section for the management of ambient air quality detailing the concept for managing emission control from construction and transport machinery, including the GHG emissions.</li> </ul>	<ul style="list-style-type: none"> <li>- Contractor</li> <li>- Supervising Engineer</li> <li>- HSH/PIU</li> </ul>	<ul style="list-style-type: none"> <li>- Albanian law;</li> <li>- EBRD PR 3;</li> <li>- GIP</li> </ul>	<p>For Contractor</p> <ul style="list-style-type: none"> <li>- Develop prior to construction;</li> <li>- Implement during construction.</li> </ul> <p>For HSH</p> <ul style="list-style-type: none"> <li>- Develop prior to operation;</li> <li>- Implement during operation.</li> </ul>	<ul style="list-style-type: none"> <li>- Plan must be included in the Contractor’s tasks, as part of the bidding process and developed prior to construction;</li> <li>- SE to approve plan;</li> <li>- Report to EBRD and REA’s on monitoring results and highlights of pollution prevention and response activities.</li> </ul>

PR	Proposed Action	Responsibility	Source of requirement	Timeframe / Project Phase	Target and Evaluation Criteria for Successful Implementation
	<ul style="list-style-type: none"> <li>Prepare a section for the management of management of noise emissions and vibrations detailing the concept for managing noise and vibrations generated from construction and transport machinery.</li> <li>Include provisions for the workers' training and procedures for communication with stakeholders.</li> </ul>				
3.3	<p>Develop and Implement a Watercourses Crossing Plan, and good construction practice to prevent water pollution. The Watercourse Crossing Plan to include:</p> <ul style="list-style-type: none"> <li>Objectives and Approach: Identification of the key environmental and ecological receptors affected by the watercourse's crossings; Overview of the crossing approach and techniques; and Analyse the potential impact on these key receptors, and description of the proposed mitigation and reinstatement measures.</li> <li>The crossing approach and techniques and the impacts and mitigation should be based on site-specific data and information for each crossing. The monitoring approach will be based on the site-specific features, too.</li> </ul>	<ul style="list-style-type: none"> <li>Contractor</li> <li>Supervising Engineer</li> <li>HSH/PIU</li> </ul>	<ul style="list-style-type: none"> <li>Albanian law;</li> <li>EBRD PR 3;</li> <li>GIP</li> </ul>	<ul style="list-style-type: none"> <li>Develop prior to construction;</li> <li>Implement during construction.</li> </ul>	<ul style="list-style-type: none"> <li>Plan must be included in the Contractor's tasks, as part of the bidding process;</li> <li>SE approval of final plan</li> <li>No unauthorized discharges to waters;</li> <li>Report to EBRD and REA's any accidental discharge;</li> <li>Report to EBRD and REA's on monitoring results and highlights of water crossing methods and water management activities.</li> </ul>
3.4	<p>Contractors to develop and implement procedures for water usage (monitoring and controlling the quantity and the quality) during the construction and operations phase, and integrate these procedures into the CESMS.</p>	<ul style="list-style-type: none"> <li>Contractor</li> <li>Supervising Engineer</li> <li>HSH/PIU</li> </ul>	<ul style="list-style-type: none"> <li>Albanian law;</li> <li>EBRD PR 3;</li> <li>GIP</li> </ul>	<ul style="list-style-type: none"> <li>Develop prior to construction;</li> <li>Implement during construction.</li> <li>Develop prior to operation and</li> </ul>	<ul style="list-style-type: none"> <li>Procedures for water usage (monitoring and controlling the quantity and the quality) are in place and implemented during the construction (CESMP) and operations phase, and integrated into the ESMS.</li> </ul>

PR	Proposed Action	Responsibility	Source of requirement	Timeframe / Project Phase	Target and Evaluation Criteria for Successful Implementation
				implement during operation	
3.5	HSH to develop and implement procedures for water usage (monitoring and controlling the quantity and the quality) during the operations phase, and integrate these procedures into the ESMS.	- HSH/PIU	- Albanian law; - EBRD PR 3; - GIP	- Develop prior to operation and implement during operation	- Procedures in ESMS
3.5	Develop and implement a Topsoil Management Plan (for minimizing the loss of productive soil, damages to the soil structure, or pollution of the productive soil. The Plan to include (but is not limited to): <ul style="list-style-type: none"> <li>maps showing topsoil and subsoil types and areas to be stripped;</li> <li>maps of areas of soil that need to be protected from construction activities;</li> <li>access roads;</li> <li>methods for stripping, stockpiling and improving the soils;</li> <li>location and content and volume of each soil stockpile;</li> <li>Consultation with the local governments and other related institutions on the reuse of the soil stockpiles;</li> <li>The responsible persons/institutions for supervising soil management.</li> </ul>	- Contractor - Supervising Engineer - HSH/PIU	- Albanian law; - EBRD PR 3; - GIP	- Develop prior construction - Implement during and after construction	- -Plan must be included in the Contractor’s tasks, as part of the bidding process; - All topsoil within the areas that will be occupied by the new service roads and by the new stations’ buildings; - Report to EBRD and local governments on any accidental discharge; - Report to EBRD and REA’s on monitoring results.
3.6	Develop and implement an Erosion and Sedimentation Control Plan and site-specific erosion control measures for all areas where the ground will be disturbed during	- Contractor - Supervising Engineer	- Albanian law; - EBRD PR 3; - GIP	- Develop prior to construction;	- Plan must be included in the Contractor’s tasks, as part of the bidding process; - Minimize erosion and soil disturbance;

PR	Proposed Action	Responsibility	Source of requirement	Timeframe / Project Phase	Target and Evaluation Criteria for Successful Implementation
	<p>construction in accordance with good international practices.</p> <p>Good construction practice to prevent erosion and sedimentation (at a minimum) and supplemented with commitments to site-specific mitigation through future project development, including:</p> <ul style="list-style-type: none"> <li>• Minimize the extent and duration of soil disturbance;</li> <li>• Protect exposed soil by diverting runoff to stabilized areas;</li> <li>• Properly address the sediments management;</li> <li>• Install temporary and permanent erosion control measures;</li> <li>• Establish an effective inspection and maintenance program.</li> <li>• Define suitable disposal areas and obtain relevant permits to deposit construction excess material. Areas for disposal purpose to be screened during the selection process and disposal areas to be properly constructed and reinstated; and</li> <li>•</li> </ul>	<p>- HSH/PIU</p>		<p>- Implement during construction.</p>	<p>- Report to EBRD, NEA and REA on highlights of erosion control measures.</p>
3.7	<ul style="list-style-type: none"> <li>- Develop a waste management plan to guide management of all waste types to be generated during construction and operation;</li> <li>- Ensure all off-site management is by licensed companies and in licensed places;</li> <li>-Waste Management Plan includes (but is not limited to) : <ul style="list-style-type: none"> <li>• Minimize the amount of generated waste;</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>- Contractor</li> <li>- Supervising Engineer</li> <li>- HSH/PIU Contractor</li> <li>- MoTE</li> <li>- NEA</li> </ul>	<ul style="list-style-type: none"> <li>- Albanian law;</li> <li>- EBRD PR 3;</li> <li>- EU objectives on waste reuse and recycling;</li> <li>- GIP</li> </ul>	<p>For Contractor</p> <ul style="list-style-type: none"> <li>- Develop prior to construction;</li> <li>- Implement during construction.</li> </ul> <p>For HSH</p>	<ul style="list-style-type: none"> <li>- Plan must be included in the Contractor’s tasks, as part of the bidding process;</li> <li>- Plan reviewed and/or approved by the SE and HSH/PIU, local governments (Vorë, Mamurras, Laç, Milot, Lezhë, Shkodër and Koplík);</li> </ul>

PR	Proposed Action	Responsibility	Source of requirement	Timeframe / Project Phase	Target and Evaluation Criteria for Successful Implementation
	<ul style="list-style-type: none"> <li>• Waste selection options; Recycling/reuse options; Waste transport; Disposal options; and Separation of hazardous waste.</li> <li>• Maximize the amount of waste that is recovered for recycling-including segregation of recyclable wastes at source;</li> <li>• Waste disposal in accordance with the waste management hierarchy;</li> <li>• Storage and transfer of the hazardous waste to appropriate facilities, in coordination with the responsible local/national institutions, and in compliance with the EU, national, EBRD, and best practice regulations;</li> <li>• Waste management within the NMR of Shkoder Lake under the supervision and suggestions of the RAPA Shkoder.</li> <li>• Existing rail tracks, including wooden slippers to be collected and stored in authorized designated areas and managed based on GIP;</li> <li>• Contaminated land identified along the existing railway track to be managed and disposed according to the national law requirements and GIP. Remedial action plan to be proposed and developed accordingly by the concerned parties.</li> </ul>			<ul style="list-style-type: none"> <li>- Develop prior to operation;</li> <li>- Implement during operation.</li> <li>-</li> </ul>	<ul style="list-style-type: none"> <li>- Report to EBRD and REA on status of plan development and approval;</li> <li>- Reports to MIE by all contractors on amounts, types, and management of all solid wastes;</li> <li>- Consolidated reports to EBRD, NEA and REA on amounts, types and management of all type of waste;</li> <li>- Percentage of waste reused/recycled;</li> <li>- Report to RAPA Shkoder on the waste management within the traditional use zone of the NMR of Shkoder Lake;</li> <li>- 100% of the metallic waste to be recycled;</li> <li>- EU objectives on solid non-hazardous waste (70% of the solid waste to be reused and/or recycled)</li> </ul>
3.8	Annually, quantify GHG emissions in accordance with EBRD Methodology for Assessment of Greenhouse Gas Emissions;	HSH/PIU Consultant	EBRD PR3 Best practice National legal requirement	During construction and operation	If emissions are greater than 25,000t per year, annual report on CO2 emissions to be produced

PR	Proposed Action	Responsibility	Source of requirement	Timeframe / Project Phase	Target and Evaluation Criteria for Successful Implementation
	To quantify GHG emissions created by the activities of the company and enable a programme of reductions to be implemented if required				
3.9	Undertake contamination sampling of workshop/depot areas to assess historic contamination and enable remediation measures to be implemented if required; Agree on a remediation plan.	HSH/PIU Consultant	EBRD PR3 Best practice National legal requirement	Prior to operation	Results of contamination testing and proposals for remediation. Se to approve remediation measures
<b>4</b>	<b>Health, safety, and security</b>				
4.1	Appoint and maintain a supervisory person to be responsible for overseeing OHS for the entire project, to report directly to the project manager, and subsequently to MIE management.	HSH	- EBRD PR 2; - National regulations. - GIP	- Appointed prior to construction and prior to operation, maintained at all times during construction and operation.	- Appointment of qualified OHS manager; - Qualifications submitted with first report under item 0; - Responsible persons are maintained at all times.
4.2	Develop and implement an Occupational Health and Safety Plan (OHS) Plan to guide all activities on project sites during site preparation, construction and operation. The OHS Plan must be developed in detail by the Contractor, as part of the bidding process under the form of "Engineering, Procurement and Construction" (EPC). Plan requirements to include (but not be limited to):	- Contractor - Supervising Engineer - HSH / PIU (during operation)	- Compliance with relevant Albanian legislation and ILO standards; - EBRD PR 4; - GIP	- Develop respective plans prior to construction and prior to operation; - Implement the respective plans during construction and operation.	- OHS Plan and HR policies must be included in the Contractor's tasks, as part of the bidding process; - Submission and approval of OHS plan by independent OHS professional and/or EBRD prior to construction; - Submission of contractor OHS plan(s) and approval by Supervising Engineer and HSH; - Risk registers are maintained and updated as appropriate.



PR	Proposed Action	Responsibility	Source of requirement	Timeframe / Project Phase	Target and Evaluation Criteria for Successful Implementation
	<ul style="list-style-type: none"> <li>• Identify the potential hazards and assess the risks associated to the project’s activities;</li> <li>• Describe the response’s strategies and the management’s organization;</li> <li>• Define the communication strategies to manage the impacts of any eventual incidents;</li> <li>• Define the roles and responsibilities of the involved key staff;</li> <li>• Provisions for the workforce and staff training;</li> <li>• Define the internal and external notification procedures, community resources, response organization charts, resources and personnel;</li> <li>• Procedures of communication with stakeholders and affected communities</li> <li>• to include measures on Gender-Based and Violence Harassment.</li> </ul>				
4.3	<p>Develop and implement procedures to protect public and workers' health and safety, including (but not limited to):</p> <ul style="list-style-type: none"> <li>• Fencing the working area;</li> <li>• Install appropriate signage to alert of trespass risks;</li> <li>• Install temporary noise barriers in the densely inhabited areas;</li> <li>• Primary health care and first aid at construction campsites;</li> <li>• Agreements with local health centres/hospitals to provide emergency health care;</li> </ul>	<ul style="list-style-type: none"> <li>- Contractor</li> <li>- Supervising Engineer</li> <li>- HSH</li> </ul>	<ul style="list-style-type: none"> <li>- EBRD PR 4;</li> <li>- GIP</li> </ul>	<ul style="list-style-type: none"> <li>- Develop prior to construction;</li> <li>- Implement during the construction.</li> </ul>	<ul style="list-style-type: none"> <li>- Emergency Response Plan must be included in the Contractor’s tasks, as part of the bidding process;</li> <li>- Safety conditions to be fulfilled;</li> <li>- No of serious health incidents;</li> <li>- Complaints addressed;</li> <li>- Report to EBRD on all incidents.</li> </ul>

PR	Proposed Action	Responsibility	Source of requirement	Timeframe / Project Phase	Target and Evaluation Criteria for Successful Implementation
	<ul style="list-style-type: none"> <li>• Manage air quality and noise as part of the Pollution Prevention and Response Plan;</li> <li>• Training on communicable diseases;</li> <li>• Commitments to non-discrimination;</li> <li>• PPE: regular training and monitoring;</li> <li>• H &amp; S monitoring and audits;</li> <li>• Manage working hours;</li> <li>• Hierarchy of safety measures;</li> <li>• Emergency Response Plan including local authorities and hospitals</li> </ul>				
4.4	Establish and enforce Code of Conduct with rules for worker behaviour when dealing with local residents and visitors in order to prevent disturbances and adverse impacts Including GBVH risks from workers influx.	- Contractor Supervising Engineer	- EBRD PR 2 and 4; - National legislation/ Code of conduct - GIP	- During the construction	- No serious incidents between workers and local population; - Report to EBRD on all incidents. - Code of Conduct implementation
4.5	Develop and implement Traffic Management Plan, that is based on the following issues (at a minimum): <ul style="list-style-type: none"> <li>• Transport management planning;</li> <li>• Defining and maintaining access roads;</li> <li>• Vehicle management and maintenance; and</li> <li>• Community liaison and safety.</li> <li>• Training on defensive driving;</li> <li>• Use of seat belts, speed limit restrictions, etc.;</li> <li>• Zero tolerance on alcohol and drugs;</li> </ul>	- Contractor - Supervising Engineer	- EBRD PR 4; - GIP	- Develop prior to construction; - Implement during the construction.	- Traffic Management Plan must be included in the Contractor’s tasks, as part of the bidding process; - TMP approved by Supervising Engineer and relevant authorities; - Traffic management plan agreed with local communities and governments, and traffic authorities; - Submission of plans to EBRD with first report; - Plan implemented.

PR	Proposed Action	Responsibility	Source of requirement	Timeframe / Project Phase	Target and Evaluation Criteria for Successful Implementation
	<ul style="list-style-type: none"> <li>• Provision of adequate temporary road traffic safety signs on level crossings;</li> <li>• Restrictions on timing and location of project activities; and</li> <li>• additional measures on vulnerable groups.</li> </ul>				
4.6	<p>Good construction practice to prevent off-site nuisance from construction noise, including:</p> <ul style="list-style-type: none"> <li>• Fencing stations to reduce noise generated from stations' construction;</li> <li>• Restrictions on periods of operation and locations of specific construction activities will be agreed by the contractor with the relevant local authority;</li> <li>• Night-time construction operations only when necessary and after consultation with local residents;</li> <li>• Concerned residents will be notified and informed prior to construction phase when construction works are planned</li> </ul>	<ul style="list-style-type: none"> <li>- Contractor</li> <li>- Supervision consultant</li> <li>- Municipalities</li> </ul>	<ul style="list-style-type: none"> <li>- Albanian law;</li> <li>- EBRD PR 4;</li> <li>- GIP</li> </ul>	<ul style="list-style-type: none"> <li>- Implement during construction.</li> </ul>	<ul style="list-style-type: none"> <li>- Complaints addressed;</li> <li>- Noise level reduced and adverse effects avoided/mitigated.</li> </ul>
4.7	<p>Contractor to adopt design changes (if necessary) and implement measures to mitigate rolling noise and vibrations during the operational phase. These measures consist mainly as follows:</p> <ul style="list-style-type: none"> <li>• Mitigation measures identified in the ESIA</li> <li>• Noise reduced at source by installing appropriate rails, slippers, etc., and by proper maintenance of the railway superstructure elements;</li> </ul>	<ul style="list-style-type: none"> <li>- Contractor</li> <li>- Supervising Engineer</li> <li>- HSH/PIU</li> <li>- NEA/REA/MoTE</li> </ul>	<ul style="list-style-type: none"> <li>- Albanian noise limits;</li> <li>- EBRD PR 4;</li> <li>- GIP</li> </ul>	<ul style="list-style-type: none"> <li>- Develop mitigation at source during design and construction.</li> <li>- Measurements during operation, if requested</li> </ul>	<ul style="list-style-type: none"> <li>- The mitigation works for reducing noise and vibrations will be included in the bidding procedure;</li> <li>- Contractor to report to HSH/MoTE/NEA/REA, local authorities and EBRD on the type of the noise barriers as required in the ESIA report;</li> </ul>

PR	Proposed Action	Responsibility	Source of requirement	Timeframe / Project Phase	Target and Evaluation Criteria for Successful Implementation
	<ul style="list-style-type: none"> <li>Noise reduced at source by designing and built appropriate substructure elements (sub-ballast, sub-grade, etc.).</li> </ul>				<ul style="list-style-type: none"> <li>Noise and vibration level are frequently monitored and kept below the national limits</li> <li>Complaints addressed;</li> <li>Noise level reduced and adverse effects avoided/mitigated;</li> <li>Noise levels compared to the period before construction</li> </ul>
4.8	<ul style="list-style-type: none"> <li>Review and revise emergency preparedness and response plan to account for additional risks posed by the increase in speed and train movements as a result of the project.</li> <li>Keep emergency contact information up to date at all times and provide regular training and updates on site.</li> </ul>	<ul style="list-style-type: none"> <li>HSH, PIU Support</li> <li>Consultant.</li> </ul>	<ul style="list-style-type: none"> <li>EBRD PR4</li> <li>EU legislation Best Practice</li> </ul>	<ul style="list-style-type: none"> <li>Updated Plan developed and rolled out (through training and drills) prior to operation</li> </ul>	<ul style="list-style-type: none"> <li>Revised Emergency Preparedness and Response Plan with updated risks and environmental, hazardous materials accidents incorporated</li> <li>Evidence of training</li> <li>Evidence of emergency drills</li> <li>EHS report to Bank</li> </ul>
4.9	<ul style="list-style-type: none"> <li>Implement a civil society and public awareness programme to educate the public regarding use of railway transport and health and safety around railways.</li> <li>Prepare procedure to engage directly with local communities regarding rail safety</li> <li>Undertake an assessment of health and safety risks to the community associated with the operation of the project (including impact of fencing the line) and identify and implement relevant mitigation to address the risks. Review and update the assessment throughout operation as necessary.</li> <li>Monitor community safety at former illegal crossing points.</li> </ul>	<ul style="list-style-type: none"> <li>HSH, PIU Support</li> <li>Consultant.</li> </ul>	<ul style="list-style-type: none"> <li>EBRD PR4</li> <li>Best Practice</li> </ul>	<ul style="list-style-type: none"> <li>Prior to operation</li> <li>Implementation ongoing dependent on risk</li> </ul>	<ul style="list-style-type: none"> <li>Programme implemented, with evidence of continual engagement with local communities</li> <li>HSH to provide evidence of monitoring of former illegal crossing points, with records of any actions taken.</li> <li>Risk assessment undertaken, mitigation identified and implemented.</li> <li>Actions taken and progress to be included in Semi-annual EHS Report to Bank (operations phase).</li> </ul>

PR	Proposed Action	Responsibility	Source of requirement	Timeframe / Project Phase	Target and Evaluation Criteria for Successful Implementation
	- Monitor effectiveness of fencing and other identified mitigation at former illegal crossing points;				
4.10	- Develop and implement a formal Operational Safety Management System (OSMS) that aligns with the EU Railway Safety Directive 2004/49/EC ANNEX III The Safety Management System will be documented in all relevant parts and describe: distribution of responsibilities.”	- HSH, PIU Support - Consultant.	EBRD PR4 - Best practice	- Operational Prior to operation - Implement during the operation	Operational SMS and appropriately trained staff in place prior to operation. Implementation throughout operation H&S Risk Assessments in place and updated as necessary. - HSMS Audit Reports and Management Reviews
<b>5</b>	<b>Land Acquisition, Restrictions on Land Use and Involuntary Resettlement</b>				
5.1	In consultation with affected persons, develop and then implement a detailed Resettlement Plan (RP), in line with EBRD requirements and Albanian law. Wherever possible, avoid expropriation.	- HSH/PIU Consultant - MIE - National Expropriation Agency	- National regulations; - EBRD PR 5; - ESP 2019 - GIP	- Finalize RP: before any land acquisition or compensation takes place; - Agree RP with EBRD and implement before starting any construction work. - Report status of RP implementation: during land acquisition and compensation process and when the Plan is fully implemented. - Prior to any disbursement	- RP to be prepared based on the LARF and EBRD standards. - RP to be agreed by EBRD before its implementation. - RP to be implemented prior to any construction work. - All land acquisition or compensation process should be carried out in accordance with RP and EBRD standards; - Grievance records, Evidence of completed compensation prior to the impact (bank record), for Project Affected People - The status of RP implementation, including all economic losses due to the project and any compensation or replacement paid should be reported to EBRD.

PR	Proposed Action	Responsibility	Source of requirement	Timeframe / Project Phase	Target and Evaluation Criteria for Successful Implementation
5.2	Designate person(s) / department to take responsibility for land acquisitions and to manage the process in accordance with Albanian law and EBRD’s social policy requirements.	<ul style="list-style-type: none"> <li>- HSH</li> <li>- PIU</li> </ul>	<ul style="list-style-type: none"> <li>- Albanian law;</li> <li>- EBRD PR 5;</li> <li>- GIP</li> </ul>	- During the development/implementa-tion of the RP	<ul style="list-style-type: none"> <li>- Designation of person(s) / department designated;</li> <li>- Identify person/department in report to EBRD.</li> </ul>
5.3	Designate person(s) to act as the point of contact for the community members affected by land acquisition.	<ul style="list-style-type: none"> <li>- HSH</li> <li>- PIU</li> </ul>	<ul style="list-style-type: none"> <li>- Albanian law;</li> <li>- EBRD PR 5;</li> <li>- GIP</li> </ul>	- During the development/implementa-tion of the RP	<ul style="list-style-type: none"> <li>- Designation of contact person by HSH;</li> <li>- Provision of contact details to affected people;</li> <li>- Identify person and activities in report to EBRD.</li> </ul>
<b>6</b>	<b>Biodiversity conservation and sustainable management of living natural resources</b>				
6.1	<p>Develop and implement a Biodiversity Offset Strategy (BOS) and Biodiversity Action Plan (BAP). Provisions for preparing BAP are included in the ESMP. With respect to the proposed project, BAP should be focused in the section from km 132+600 to km 137+750, where the railway line crosses a mix of deciduous oak species and Mediterranean Macchia with rather limited biodiversity values.</p> <p>Biodiversity experts appointed by the Contractor and approved by Supervising Engineer and confirmed by HSH and PIU, must develop the BOS and BAP in detail in collaboration with RAPA Shkoder. BOS and BAP will be included in the bidding process under the form of “Engineering, Procurement and Construction” (EPC).</p> <p>BOS and BAP should be coordinated with the Watercourses Crossing Plan, Erosion and Sedimentation Control Plan,</p>	<ul style="list-style-type: none"> <li>- Contractor</li> <li>- Contractor’s Consultant</li> <li>- Supervising Engineer</li> <li>- HSH</li> <li>- PIU</li> <li>- Consultant</li> </ul>	<ul style="list-style-type: none"> <li>- Albanian law;</li> <li>- EBRD PR 6;</li> <li>- GIP</li> </ul>	<ul style="list-style-type: none"> <li>- Prior to development consent is given</li> <li>- Implement during construction and post construction</li> </ul>	<ul style="list-style-type: none"> <li>- BOS and BAP specifications will be included in the document of the bidding process under the form of “Engineering, Procurement and Construction” (EPC) and in the contract of the winning EPC contractor;</li> <li>- BOS and BAP to be prepared by biodiversity experts and to be agreed with EBRD;</li> <li>- BOS and BAP experts to be appointed by the contractor and approved by the Supervising Engineer;</li> <li>- BAP preparation to include the provisions of EBRD PR6 and the NAPA suggestions;</li> <li>- BAP regarding the crossing of the NMR of Shkoder Lake to be prepared under the</li> </ul>

PR	Proposed Action	Responsibility	Source of requirement	Timeframe / Project Phase	Target and Evaluation Criteria for Successful Implementation
	Topsoil Management Plan, Construction Material Management Plan, Waste Water Management Plan and Spill Prevention Management Plan.				<p>suggestions and supervision of RAPA Shkoder;</p> <ul style="list-style-type: none"> <li>- Nature resources protected;</li> <li>- Report every 6 six months to Albanian authorities (REA's, RAPAs, NAPA and MoTE) and EBRD on bio-surveys' findings.</li> </ul>
6.2	<p>Consult with relevant authorities to develop compensation plans for loss of forests and pastures.</p> <p>From km 132+ 620 to km 137+750, the railway line crosses degraded forest and shrubs that can be damaged by the working strip. The BOS and BAP must include mitigation and compensation measures to ensure No Net Loss (NNL) and, wherever possible, Net Positive Impact (NPI).</p>	<ul style="list-style-type: none"> <li>- Contractor</li> <li>- Contractor's Consultant</li> <li>- Supervising Engineer</li> <li>- HSH</li> <li>- PIU</li> <li>- Consultant</li> </ul>	<ul style="list-style-type: none"> <li>- Albanian law;</li> <li>- EBRD PR 6;</li> <li>- GIP</li> </ul>	<ul style="list-style-type: none"> <li>- Prior to the construction</li> </ul>	<ul style="list-style-type: none"> <li>- Compensation plans approved by REA's and RAPAs;</li> <li>- Include in reports information on compensation measures.</li> </ul>
6.3	<p>Undertake pre-construction biodiversity surveys for flora and fauna, in locations identified as being of the higher potential for biodiversity impacts; This preconstruction biodiversity survey to provide additional field data on ecosystem services occurring within or in the vicinity of the railway;</p> <p>Contractor to update BAP if necessary to include any additional mitigation measures.</p>	<ul style="list-style-type: none"> <li>- Contractor</li> <li>- Contractor's Consultant</li> <li>- Supervising Engineer</li> <li>- HSH</li> </ul>	<p>EBRD PR6</p> <p>Best Practice</p> <ul style="list-style-type: none"> <li>- National legal requirement</li> </ul>	<ul style="list-style-type: none"> <li>- Prior to the construction</li> </ul>	<ul style="list-style-type: none"> <li>- Expert and mitigation measures to be agreed with EBRD.</li> <li>- Pre-construction survey reports reviewed and approved by PIU.</li> <li>- Additional field data on biodiversity and ecosystem services enable site-specific and effective mitigation measures;</li> </ul>
6.4	<p>Develop and implement a monitoring programme to assess the eventual damages to fauna and the related mitigation measures. Monitoring to be most intense during migration and breeding/ fledging seasons.</p>	<ul style="list-style-type: none"> <li>- Contractor</li> <li>- Contractor's Consultant</li> <li>- Supervising Engineer</li> </ul>	<ul style="list-style-type: none"> <li>- National regulations;</li> <li>- EBRD PR 6;</li> <li>- GIP</li> </ul>	<ul style="list-style-type: none"> <li>- Develop: prior to construction;</li> <li>- Implement: throughout construction, and post-construction until</li> </ul>	<ul style="list-style-type: none"> <li>- Development of programme;</li> <li>- Implementation of programme;</li> <li>- Review of results by environmental authorities;</li> </ul>

PR	Proposed Action	Responsibility	Source of requirement	Timeframe / Project Phase	Target and Evaluation Criteria for Successful Implementation
	Provide results to authorities and in case of excess mortality develop and implement fauna protection plan. Monitoring should be extended in time as long as necessary during all the vegetation rehabilitation period.	- HSH/PIU		authorities will allow cessation. -	- Further fauna protection measures as needed; - Report to EBRD and environmental authorities (RAPA, REA) on results of each step.
<b>7</b>	<b>Indigenous people</b>				
	There are no Indigenous People within or near the Project. Therefore, PR 7 (Indigenous People) cannot be applied.				
<b>8</b>	<b>Cultural heritage</b>				
8.1	Undertake pre-construction archaeological surveys for both TCH and ICH along route and access roads and report findings, impacts and mitigations; Undertake an ICH review of existing baseline data with any new pre-construction survey information and develop mitigation actions plans in the CHMP.  Prepare a report to HSH and EBRD on results of the new surveys.  Develop a CHMP which will drive the CF procedure Develop and implement a chance find procedure and ensure all contractors and other relevant parties are trained in its use; ICH will require community engagement.	- Contractor - Contractor’s Consultant - Supervising Engineer - HSH/PIU	- Law 17/2018 <sup>3</sup> ; - EBRD PR 8; - GIP	- Develop prior to construction (at least 3 months in advance); - External review prior to implementation - Implement during the construction.	- if important or significant finds/ICH are identified, provide a supplement document to ESIA (considering the findings of the Archaeological survey performed prior to construction works); - Update CHMP with new pre-construction survey results against baseline with impact assessments and mitigations; - Chance find reports with actions plans for mitigations or resolutions; - Report to authorities (MoC and Municipality) in case of finds; - Report to EBRD on results of the new surveys.

<sup>3</sup> Law 17/2028 “On Cultural Heritage and Museums”



PR	Proposed Action	Responsibility	Source of requirement	Timeframe / Project Phase	Target and Evaluation Criteria for Successful Implementation
	CF procedure to include section on ICH chance finds procedures.				
<b>10</b>	<b>Information disclosure and stakeholder engagement</b>				
10.1	Implement Stakeholder Engagement Plan (SEP), including stakeholder grievance mechanism. SEP to be approved and disclosed.	<ul style="list-style-type: none"> <li>- Contractor</li> <li>- Supervising Engineer</li> <li>- HSH</li> <li>- PIU</li> </ul>	<ul style="list-style-type: none"> <li>- National regulations;</li> <li>- EBRD PR10;</li> <li>- GIP</li> </ul>	<ul style="list-style-type: none"> <li>- Be approved prior to construction</li> <li>- During construction and implementation.</li> </ul>	<ul style="list-style-type: none"> <li>- Report to EBRD on stakeholder engagement;</li> <li>- Report to HSH and MIE;</li> <li>- Report to EBRD on all grievances and resolutions.</li> </ul>
10.2	Notify and consult with local authorities prior to construction activities within the affected municipalities. Inform local population and visitors of the planned activities.	<ul style="list-style-type: none"> <li>- HSH</li> <li>- PIU</li> <li>- Contractor</li> <li>- Local authorities</li> </ul>	<ul style="list-style-type: none"> <li>- National regulations;</li> <li>- EBRD PR 10;</li> <li>- GIP</li> </ul>	<ul style="list-style-type: none"> <li>- During PFS and Preliminary Design, and Detailed Design and ESIA.</li> </ul>	<ul style="list-style-type: none"> <li>- Consultations with local authorities;</li> <li>- Report to HSH and MIE;</li> <li>- Report to EBRD and to the beneficiary on consultations results.</li> </ul>
10.3	To follow the notification procedure for a potential cross-border environmental impact assessment process in line with DCM 598, date 1.7.2015. Through MoTE Engage with Montenegro Authorities (affected party) to assess the impacts and prepare mitigation measures or/and facilitate cross-border consultations; Preliminary and full ESIA report are sent to authorities for review and obtain opinions.	<ul style="list-style-type: none"> <li>- HSH</li> <li>- PIU</li> <li>- Consultant</li> <li>- MoTE</li> <li>- NEA</li> <li>- Affected Party</li> </ul>	<ul style="list-style-type: none"> <li>- National Legislation</li> <li>- Espoo Convention;</li> <li>- EBRD PR 10</li> </ul>	<ul style="list-style-type: none"> <li>- Prior to ESIA consent</li> </ul>	<ul style="list-style-type: none"> <li>- Consultation with relevant Montenegro Authorities; Comments and issues addressed in the final ESIA report;</li> <li>- If interested and relevant, discuss and Integrate assessment and mitigation into ESIA</li> </ul>

PR	Proposed Action	Responsibility	Source of requirement	Timeframe / Project Phase	Target and Evaluation Criteria for Successful Implementation
10.4	Organize Public Hearings for the ESIA in line with the Albanian legislation; Organize the public hearings in collaboration with NEA and REAs once the application is submitted.	<ul style="list-style-type: none"> <li>- HSH</li> <li>- PIU</li> <li>- Consultant</li> </ul>	<ul style="list-style-type: none"> <li>- Albanian Legislation</li> </ul>	<ul style="list-style-type: none"> <li>- Prior final submission of ESIA Application in E-Albania</li> </ul>	<ul style="list-style-type: none"> <li>- Public hearings organized in coordination with NEA and REA in line with national requirements, with involvement of the affected party is necessary/</li> <li>- an in-depth EIA should be organized from the outset of the consultation process;</li> <li>- Comments and issues addressed in the final ESIA report;</li> </ul>