



REPUBLIC OF ALBANIA • ALBANIAN ROAD AUTHORITY

**PLANNING AND PREPARATION OF THE RESULTS-BASED ROAD
MAINTENANCE AND SAFETY PROJECT (RRMSP)**

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DRAFT ENVIRONMENTAL MANAGEMENT PLAN (EMP)

Paper - Paulesh Segment

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Acronyms

ALL	Albanian Lek
ARA	Albanian Road Authority
ARAP	Abbreviated Resettlement Action Plan
BAT	Best Available Techniques
EBRD	European Bank for Reconstruction and Development
EIA	Environmental Impact Assessment
EMF	Environmental Management Framework
ESFD	Environmental and Social Framework Document
ESMD	Environmental and Social Management Document
ESMF	Environmental and Social Management Framework
ESSD	Environmental and social Safeguard Document
ESIA	Environmental and Social Impact Assessment
EU	European Union
GOA	Government of Albania
IEE	Initial Environmental Examination
MOE	Ministry of Environment
MTI	Ministry of Transport and Infrastructure
NCL	National Center of Licensing
NEA	National Environmental Agency
NOs	Nitrogen Oxides
OP	Operational Procedure
OPRC	Output and Performance based Road Contracts
PAP	Project Affected People
PM	Particulate Matter
PR	Performance requirements
RAP	Resettlement Action Plan
RDR	Regional Directorate of Roads
RRMSp	Results based Road Maintenance and Safety Project
REA	Regional Environmental Agency
RRA	Regional Road Authority
WB	World Bank
WOCs	Volatile Organic Compounds

1 INTRODUCTION

The RRMS Project has been classified under WB policies as Category B, and, since the exact locations of the project activities are unknown at the time of Project Appraisal, requires an Environmental Management Framework (EMF). Within the EMF sample Environmental Management Plans (EMPs) are prepared to showcase how the procedure within the EMF will be met for project locations. The EMPs are to be developed for at least two types of activities that are anticipated under road maintenance/upgrading at this stage, respectively on the segment of Vidhas and Paulesh.

A set of proposed activities anticipated under road maintenance in this phase of the project have been identified and here by presented. The objective is to set out a simple and realistic document which can serve to ARA as a template for screening and scoping, and management plan, in cases that the Albanian legislation doesn't requires a Preliminary or Profound EIA. This EMP, prepared in compliance with WB guidelines, will play an active role on environmental protection in cases of maintenance or rehabilitation works, during all operational phases.

The assumed activities refer to the road section identified an agreed with ARA, namely the section Paper Paulesh on National Road Sh7. This section, and the activities foreseen to be carried out in it, are deemed meaningful as they reflect features of the main maintenance activities that will be performed by ARA in the national road network, in order to ensure significant improvement in terms of service levels and user's safety.

The road was surveyed by the Consultant during the site visits carried out in September 2014.

The section under consideration represents damages caused by deterioration of road pavement, missing guardrails, insufficient lighting, etc. Other characteristics of this road are lack of proper accessibility for pedestrians or bikers. Such conditions have increased the risk of accidents, that sometimes have fatal results. This may be considered a typical situation where a proper planning and design of maintenance and upgrading could improve the situation in terms of both road service level and safety.

The simple EMP report provides the screening by environmental checklist/matrix and a management plan, where is included the mitigation measures and monitoring program.

2 PROJECT DESCRIPTION

The segment under the study is part of the national road Sh7, in Elbasan Region. It is 4.5 km long and runs from Paper to Paulesh. The road has 2 lanes, 3.75m wide each, in some parts 1.50m unpaved shoulder width, and is characterized by missing of lighting, absence of sidewalks, etc. In most of its length the roads runs parallel to the Shkumbini river, while in the northern part planted pines are encountered along the 20% of road's length, planted in the 70s to control soil erosion in the close by hills. Within the road segment there are two gas stations on both sides of the road. The draining channels of the road are already blocked by native water resistant plants, and the pavement in some parts is damaged.

Description of works envisaged to be done for road maintenance:

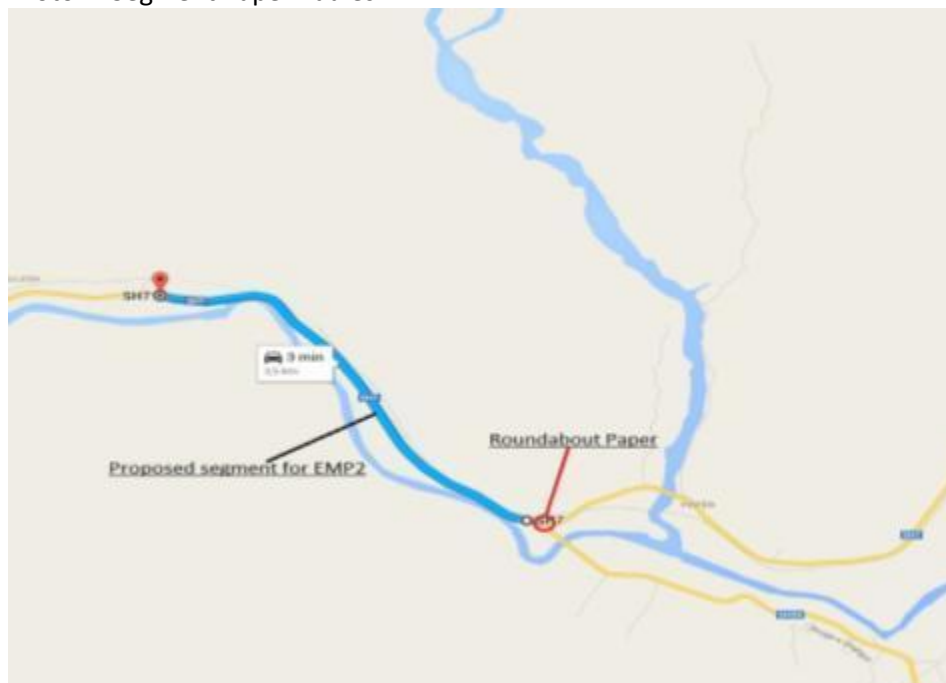
Routine maintenance works: cleaning of road, draining channels and cutting of the vegetation, cleaning of tombines, paving of damaged pavement, etc.

Winter maintenance and emergency works: changes on damaged barriers, and restoring the slopes after landslides or erosion, cleaning of the snow during winter season (even though this happens very rarely in this area), etc.

Rehabilitation works: consists of works needed to restore the road's conditions to defined standard levels.

Works related to road safety; guardrails, lighting, sidewalks, etc.

Photo 1. Segment Paper Paulesh



3 IDENTIFICATION OF ENVIRONMENTAL ISSUES

The identification of environmental issues, is based on the procedures included in the EMF document, namely the screening checklist (first part of the table), followed by a general environmental evaluation matrix (second part of the following table).

The second part of the checklist is built in as a very simple matrix, based on 3 evaluation levels that represent the magnitude of negative impacts:

- 1 = Low level of impact
- 2 = Medium level of Impact
- 3 = High level of impact.

Prior to start of works and after completion of the necessary documents, the ARA team will communicate with NEA or Elbasan RED to ensure no environmental due diligence is needed to comply with the Albanian legislation.

Table 3.1 Screening criteria template related to Maintenance Activities performed on an Existing Road – Checklist matrix (to be used by ARA)

CRITERIA	YES	NO	Comments
<p>Does the existing road have a valid operating permit, licenses, approvals etc.? If not, please explain.</p> <p>Permits to screen for include:</p> <ul style="list-style-type: none"> - Construction Permit - Operational /Use Permit - Urbanistic Permit - Environmental Permit - Water Management Permit <p><i>If not, will the investment be used to correct this condition?</i></p>	Yes		
Does the existing road have or is awaiting (or is required by law to have) an environmental permit?		No	The law doesn't specify if a road maintenance requires an environmental permit
<p>Is operation of the existing road mandated through special provisions of Albanian Environmental Regulations regarding protected areas or cultural heritage?</p> <p>If not, please explain.</p>		No	<p>Not any specific site (natural or heritage protected area) is affected by road operation or its maintenance.</p> <p>There is an obelisk from Second World War alongside the road, that shall not be in any way or form impacted by the works.</p>
<p>Are there any significant outstanding environmental fees, fines or penalties or any other environmental liabilities (e.g. pending legal proceedings involving environmental issues etc.)</p> <p>If so, please explain.</p> <p><i>If so, will the investment be used to correct this condition?</i></p>		No	

Will the sub-project require procurement of substantial amounts of materials to be used – stone, aggregate, sand, asphalt or others that needs environmental permit?	Yes		Any kind of raw material to be used should be joined by the Environmental permit for its exploitation (ex. Permit for exploitation of open quarries, permits for exploitation of ground water etc.)
Will the subproject generate large quantities of construction waste that will need permission from the Commune to be disposed off?	Yes		The implementer (construction company) should agree with local government on waste management ways and time/table, waste disposal, etc.
Will the sub-project be located within or close to officially protected areas or areas under consideration by the Government for official protection status?		No	About 7 km far from the closest specific site.
Will the sub-project potentially impact areas of known significance to local, regional or national cultural heritage? (During the public consultation, the local population should be asked to provide information about any sites or structures which are not on any official list, but which they consider to be of significance and which they think should be protected)		No	
Does the project negatively affect community assets or activities?		No	
Proposed Sub-project	Level of existing or expected impact (1=low, 2=medium, 3=high) ¹⁾		Comment
Will the sub-project cause changes in the drainage patterns of the road and the immediate surrounding areas?	1		Unimportant changes caused by opening and cleaning of the road's drainage channels
Will the project cause air, land and/or water pollution by dusts, noises and/or vibrations.	1		During construction and operation phases
Will the subproject include activities that will require sanding, paints, or other potentially hazardous materials that will need to be properly stored and	1		Only filling material for the cracks and potholes, and painting for road marking (signage), which do not represent any environmental threat

contained?		
Does the project create conditions for accidental pollution by leakages?	2	Accidental pollution by damaged cars or equipments, paint storage, etc. can happen, and should be managed to protect Shkumbini river waters
Will the project affect any species or population with specific status?	1	No species with specific status are observed in the road segment and close surroundings (excluding the amphibians living in the draining channels).
Does the project create problems on accessibility	2	During maintenance works traffic delays may be encountered
Has the local population or any NGOs expressed concern about the sub-project environmental aspects or expressed opposition? Are expected public claims?	1	No concerns are expected for these type of activities, either by local population, or by NGOs
Is there any other aspect of the sub-project that would – through normal operations or under special conditions – cause a risk or have an impact on the environment, the population or could be considered as a nuisance?	1	No impacts that cannot be managed, or considered as a nuisance source, are found in the site area
Total of existing or expected impact value	11	
Level of EIA study	Abbreviated EMP should be prepared	

¹⁾ Level of expected impact: 1 expresses the lowest negative impact, 2 the medium level, and 3 the highest one. In case that no impact is expected, please leave the cell empty.

Sums resulting from 8 – 12: All activities cause or are expected to cause minimal or medium negative impacts (levels 1 to 2). An EMP, as per WB guidelines is required. In case that one activity's impact is evaluated as level 3, a preliminary EIA is expected to be required by the National Environmental Agency. The ARA team will ensure all communication with the National Environmental Agency and/or the Regional Environmental Agency in Elbasan is carried out prior to start of works and that all of their requirements have also been met.

Sums resulting from 13 – 19: a preliminary EIA with EMP included should be prepared, in cases where the activities cause, or are expected to cause negative impacts that can be considered of medium level.

Sums resulting from 20 – 24: Profound EIA is required, or in case of uncertainties, it can be defined after the preparation of the preliminary EIA.

The total number of the expected impacts for maintenance and/or rehabilitation works in Paper - Paulesh segment is equal to 11, therefore a simple EMP needs to be prepared.

4 ENVIRONMENTAL MANAGEMENT PLAN

The Environmental Management Plan considers the findings and characterization of impacts, and the preparation of the Environmental Mitigation Measures and Monitoring Program, as integral part of the detailed design document and implementation program.

4.1 Mitigation measures

The Environmental Mitigation Plan for maintenance and upgrading activities in Paper-Vidhas road section is an integral part of the EMP. The mitigation measures are separated into two parts, one for the management plan for maintenance and upgrading phase, and the second for the impacts that are encountered during the operational phase.

Notification, Worker and Citizens Safety, are considered as very important issues to be considered in realizing the public awareness, community support, and traffic facilitation. Mitigation measures for construction and rehabilitation activities are considered as very important. Water and land quality, waste management and traffic/road safety are taken into account for some general orientation on mitigation measures. All mitigation measures are in respect with Albanian construction and environmental legislation, and specifically with the Law No. 10431, dated 09.06.2011, "On Environmental Protection".

Table 4.1 Mitigation measures

Issues upon phases and Mitigation measures

			Associated Costs		Institutional Responsibility		Comments (e.g. secondary impacts)
Phase	Issue	Mitigating Measure	For installation	For operation	Install	Operate	
Maintenance/upgrading	The overall worker safety, and risks of unauthorized access to construction site of inhabitants	<ul style="list-style-type: none"> The inhabitants leaving close to road under upgrading or rehabilitation will be notified of the works, objectives and temporary expected negative impacts through appropriate communication; public meetings, etc. All legally required permits will be acquired for construction and/or rehabilitation. Contractor formally agrees that all work will be carried out in a safe and disciplined manner designed to minimize impacts on neighboring residents and environment. Including organization of transport to minimize impacts on neighborhood, and washing of vehicle tires to minimize spreading of debris on the roads. Workers will comply with international good practice (always hardhats, as needed masks and safety glasses, harnesses etc). Workers also will be contracted respecting Albanian legislation, and the developer should respect all hygienic and safety rules conditioned by Albanian legislation. Life insurance of workers etc will be provided by the employer. Technical security measures will be provided by the employer. Emergency safety kit should be placed close to the working place for intervention in case of accidents. Emergency contacts and numbers should be clearly posted on site. Appropriate warning signposting of the working sites, visual barriers etc., will be used to prevent accidents. 	Provision of safety equipment, safety kits and signs is included in contractor operating costs		Contractor	Supervised by Supervision company or engineer	
Maintenance/upgrading	Use of raw materials may pose an additional stress on the natural environment	<ul style="list-style-type: none"> Use raw materials (sand, gravel, stone) only from suppliers that have valid licenses issued by the National Environmental Agency and/or Regional Environmental Agency of Elbasani. 	No additional costs incurred		Contractor	Supervised by Supervision company or engineer	Exploitation of Natural resources

Issues upon phases and Mitigation measures

Issues upon phases and Mitigation measures			Associated Costs		Institutional Responsibility		Comments (e.g. secondary impacts)
Phase	Issue	Mitigating Measure	For installation	For operation	Install	Operate	
Maintenance/upgrading	Noise generated during works may pose a threat or disturbance to the workers on site, animals and neighboring properties	<ul style="list-style-type: none"> Construction noise will be limited to restricted times agreed to in the permit in respect with Albanian Environmental Legislation During operations the engine covers of generators, air compressors and other powered mechanical equipment shall be closed, and equipment placed inside the construction site. 	Covers for electric generators 200 EURO/unit		Contractor	Supervised by Supervision company or engineer	
Maintenance/upgrading	Works done for cleaning of draining channels might lead to partial removal of vegetation	<ul style="list-style-type: none"> In case of unavoidable damage, re-plant same species on road peripheries. Ensure visually the same appearance as before works started. 	Depends on plant species. Proper planning can ensure plants are replaced rather than new ones bought		Contractor	Supervised by Supervision company or engineer	Temporary decrease of green cover efficiency
Maintenance/upgrading	Traffic disturbances and slow down	<ul style="list-style-type: none"> Ensure local community is aware of any major transport requirements and disruptions to the regular traffic pattern. Adequately manage traffic and use postings to warn others of possible congestion. In any cases one road line will be kept free to permit toad operation 	No additional costs incurred		Contractor	Supervised by Supervision company or engineer	

Issues upon phases and Mitigation measures

Issues upon phases and Mitigation measures			Associated Costs		Institutional Responsibility		Comments (e.g. secondary impacts)
Phase	Issue	Mitigating Measure	For installation	For operation	Install	Operate	
Maintenance/upgrading	Dust emissions from the site may impact air quality and pose a health threat to workers and neighbors	<ul style="list-style-type: none"> In case of disposal of dredged or excavated materials the debris shall be kept in controlled area and sprayed with water mist to reduce debris dust During pneumatic drilling/compaction dust shall be suppressed by ongoing water spraying and/or installing dust screen enclosures at site The surrounding environment (at last one road line) shall be kept free of debris to minimize dust There will be no open burning of construction / waste material at the site There will be no excessive idling of construction vehicles at sites All materials will be supplied/transported in a manner which minimizes dust – including covered truck loads or closed off truck loads, with dust suppressing measures through water spraying 	Cost of 1 m3 of clean water on site: 40 Euro DCM on Tax of Drinking water, No. 203, dated on 08.05.1997		Contractor	Supervised by Supervision company or engineer	<i>All such measures will be in respect with DCM No. 435, dated 12.09.2002, "Concerning the Approval of the Norms for discharges in the air and the implementation of these Norms</i> <i>And the law 9774, date 12.07.2007, on evaluation and management of noises on environment</i>

Issues upon phases and Mitigation measures

			Associated Costs		Institutional Responsibility		Comments (e.g. secondary impacts)
Phase	Issue	Mitigating Measure	For installation	For operation	Install	Operate	
Maintenance/upgrading	Improper waste management may cause pollution of soil, surface and groundwater, and pose a health risk	<ul style="list-style-type: none"> Designated waste disposal areas will be allocated on site, including waste collection bins for smaller waste, and designated areas for bulkier waste All waste, including construction debris and excavated materials will be regularly and timely transported off site and managed through an authorized agency or disposed of at a site that was officially designated by the local authorities – Elbasani Municipality or Paper Commune Waste collection and disposal pathways and sites will be identified for all major waste types expected from demolition and construction activities. Mineral construction and demolition wastes will be separated from general refuse, organic, liquid and chemical wastes by on-site sorting and stored in appropriate containers. The records of waste disposal will be maintained as proof for proper management as designed. Whenever feasible the contractor will reuse and recycle appropriate and viable materials Removed vegetation on roundabouts may best be composted on site, at a designated and managed area. All oily wastes will be separately collected, in bins which are leak-proof, and will be handled over to the authorized management and disposal company, receipts for which shall be kept. Ensure agreements with community and services (cafeterias etc) to use their toilets for worker needs 	Cost of waste management – per 1 truck to the designated site in compilation with other site disposals 70 Euro/Year Local Tax One container (bin) for solid municipal waste 130 EURO One container for hospital wastes 20 euro		Contractor	Supervised by Supervision company or engineer ARA staff	All measures will be in respect with existing legislation regarding waste management

Issues upon phases and Mitigation measures

Issues upon phases and Mitigation measures			Associated Costs		Institutional Responsibility		Comments (e.g. secondary impacts)
Phase	Issue	Mitigating Measure	For installation	For operation	Install	Operate	
Maintenance/upgrading	Construction works on site may impact the quality of surface waters of Shkumbini River, subsequently ground water	<ul style="list-style-type: none"> The site will establish appropriate water and sediment control measures such as e.g. silt fences to prevent water sediment from moving off site and causing excessive turbidity in the channel. Collectors will be temporary adapted to avoid surface water dispersion in case of watering of sand or gravel to control the dusts The approach to handling sanitary wastes and wastewater from working sites (installation or reconstruction) must be approved by the local authorities Construction vehicles and machinery will be washed only in designated areas where runoff will not pollute natural surface water bodies, and will be adequately collected and managed 	Costs for collecting sanitary waters on site 1000 EURO Cost of plastic covers 50 EUR) Cost of barriers in collectors 50 EURO		Contractor	Supervised by Supervision company or engineer	DCM no. 177, date 31.03.2005 for environmental norms on liquid discharges and zoning of receiving environments
Maintenance/upgrading	Improper material storage and use may cause pollution of air, soil or water	<ul style="list-style-type: none"> Store all materials in original containers in adequate locations, which allow for leak-proof storage Do not dispose of paint and other waste containers except through adequate handling procedures Ensure workers are familiar with safety regulations and storage requirements for each product. 	No additional costs incurred		Contractor	Supervised by Supervision company or engineer	

Issues upon phases and Mitigation measures

Issues upon phases and Mitigation measures			Associated Costs		Institutional Responsibility		Comments (e.g. secondary impacts)
Phase	Issue	Mitigating Measure	For installation	For operation	Install	Operate	
Maintenance/upgrading	Flooding of lands in surroundings of the road by maximum rainfalls in atmospheric events	<ul style="list-style-type: none"> Maintenance or restoration of draining system and related objects 	Dredging and cleaning to be decided by the consultant/contractor (Approx cost 2 000 EURO)		Contractor	Supervised by Supervision company or engineer	
Maintenance/upgrading	Accidents during construction works may cause unintentional damage to the local infrastructure or power supply net	<ul style="list-style-type: none"> Ensure all adequate permits from local utilities have been obtained Ensure familiarity with networks in the proximity of the site In case of accidental disruption, immediately stop all works, notify proper authorities in Paper/Elbasani and emergency remediation of damaged network in line with the requirements of Law on civil emergencies No.8756, dated 26.3.2001 	No additional costs incurred, potential delay in works		Contractor	Supervised by Supervision company or engineer	Temporary delay the Project implementation
Maintenance/upgrading	Chance findings of any cultural and historical artifacts	<ul style="list-style-type: none"> All works will be stopped, and responsible authorities contacted. Works will start again only once adequate clearances have been obtained. 	Not defined		Contractor	Supervised by Supervision company or engineer	
Maintenance/upgrading	Not appropriate health and hygienic condition for working staff	<ul style="list-style-type: none"> Ensure agreements with community and services (cafeterias etc) to use their toilets for worker needs 	Not defined		Contractor	Supervised by Supervision company or engineer	

Issues upon phases and Mitigation measures

Issues upon phases and Mitigation measures			Associated Costs		Institutional Responsibility		Comments (e.g. secondary impacts)
Phase	Issue	Mitigating Measure	For installation	For operation	Install	Operate	
Maintenance/upgrading	Works in the road may pose a health risk to the workers due to uncontrolled releases of sewage and accidental leaks	<ul style="list-style-type: none"> Ensure workers are equipped with protective equipment Avoid direct contact with contaminated sites if they will be defined during the works 	No additional costs incurred, contractor should have proper protection equipment		Contractor	Supervised by Supervision company or engineer	
The following mitigation measures are related to the operational phase of the road and serve as a guideline for the ARA to improve their performance with the respect to environmental protection.							
Operation	Outdated of signals and lighting	<ul style="list-style-type: none"> Refresh the signal system periodically 	To be defined by ARA			ARA	
Operation	Road damage or consuming of pavement	<ul style="list-style-type: none"> Rehabilitate the road periodically 	To be defined by ARA			ARA	
Operation	Road damage and traffic delay by debris of soils and soil slides	<ul style="list-style-type: none"> Clean culverts if necessary, replace with appropriate size ones 	To be defined		Consultant	ARA	
Operation	Habitat fragmentation and problems on accessibility of pupils with school, of the community with health service etc.	<ul style="list-style-type: none"> Place in the right sites passages with appropriate size to ensure access of persons and also for transport of animals. 	To be defined		Contractor and local government	ARA and local government	
Operation	High level of air pollution	<ul style="list-style-type: none"> Green barriers in road sites (using two belts, the first with evergreen, dens crown autochthon shrubs and the second with evergreen, dens crown and autochthon trees 	To be defined			ARA	

Issues upon phases and Mitigation measures

Issues upon phases and Mitigation measures			Associated Costs		Institutional Responsibility		Comments (e.g. secondary impacts)
Phase	Issue	Mitigating Measure	For installation	For operation	Install	Operate	
Operation	Improper solid waste collection and management may pose a threat to soil and water quality	<ul style="list-style-type: none"> Set up proper waste management procedures, including separation of waste into oily and hazardous waste, regular municipal and green waste which can be composted in collaboration with Elbasan or Paper government authorities Ensure sufficient waste collection bins are available on site and that regular collection of wastes is ensured 	Costs of authorized waste collection per year 70 EURO			local waste collection utility	
Operation	Leaks and spills in road can pollute the surface water	<ul style="list-style-type: none"> Have in place leak control action plan Provide leak proof collectors of oily wastes or equipment which can drip oil Ensure waste is adequately managed 	No additional costs			ARA RDR	

4.2 Monitoring Program

The environmental monitoring program will be focused on following elements:

- Respecting of the Management Plan orientation
- Respecting of technical specifications
- Respecting of Albanian legislation for worker safety (health, insurance, etc)
- Safeguard of workers and inhabitants, and
- Materials discharge provisions.

The monitoring process will be focused on the working space and surrounding territories, as well as in the roads that will be used for transport of materials from the sources to the working space, or from the working space to the disposal sites. Technical actions, environmental and safety specifications, as well as other procedures defined running the implementation can be checked or justified by the following table (4.2).

The monitoring table considers the parameter to be monitored, where will be monitored, how, when, and why will be monitored, the cost and monitoring responsibility.

The costs are given with approximate amounts considering present free market prices. It is the interested party that selects the monitoring consultant, and involves it on the monitoring process only after approval by NEA/RED.

Additional monitoring actions will be prepared after a detailed design regarding maintenance and upgrading activities is finalized for the Paper-Paulesh segment.

Tab4.2 Environmental Monitoring Program

Phase	What (Is the parameter to be monitored?)	Where (Is the parameter to be monitored?)	How (Is the parameter to be monitored?)	When (Define the frequency / or continuous?)	Why (Is the parameter being monitored?)	Cost (if not included in project budget)	Who (Is responsible for monitoring?)
Before Maintenance/ upgrading	The places to be used for disposal of working materials, garbage bins, hospital waste bins, office and emergency box etc	In sides of the Paper Vidhas road	Verification on maps or plans of detailed design	Only once-before implementation	To ensure that waste management and life safety instruments are already planned to be placed	Not additional cost	Detailed design consultant
Before Maintenance/ upgrading	Awareness and information of the community and decision makers	In Paper Commune and expected affected villages	Meetings with interested parties	Once-before the implementation	To ensure that the community is well informed and decision makers involved	Not additional cost	ARA
During Maintenance/ upgrading	Notification, Worker and community safety and health	On working sites	Maintain a log of neighbor notification, all permits obtained, supervisor will provide regular reports on EMP compliance, worker safety, and on possible complaints Appropriate signs will be inspected visually	Continuously during maintenance/upgrading works	To ensure works are conducted as per the utmost safety and environmental protection standards	Should be included in costs for supervisor, no additional measurement costs envisaged	Contractor to implement, Supervisor to review and report on
During Maintenance/ upgrading	Air and Soil quality	On working sites and surrounding areas	Visually inspect dust generation and control. Inspect presence and if any smell is emitted from the septic tank on site. Visually inspect presence of clandestine waste on site and in	Continuously during construction works	To ensure works are conducted as per the utmost safety and environmental protection standards	Should be included in costs for supervisor, no additional measurement costs envisaged	Contractor to implement, Supervisor to review and report on

Phase	What (Is the parameter to be monitored?)	Where (Is the parameter to be monitored?)	How (Is the parameter to be monitored?)	When (Define the frequency / or continuous?)	Why (Is the parameter being monitored?)	Cost (if not included in project budget)	Who (Is responsible for monitoring?)
			<p>surroundings.</p> <p>Visually inspect for leaks of oily materials.</p> <p>Keeps proof of waste being collected by authorized entity.</p> <p>Visually inspect signs of open burning of wastes.</p>				
During Maintenance/ upgrading	Noise levels	On working site and surrounding areas	Ensure compliance with permit as per Albanian law. Measurements on complaints from neighbors.	Continuously during construction works	To ensure noise levels do not exceed permissible	Should be included in costs for supervisor, no additional measurement costs envisaged – in case of complaints, set of noise measurement is approximately 500 Euro per sampling point.	Contractor to implement, Supervisor to review and report on
During Maintenance/ upgrading	Water Quality	On construction site and surrounding areas	Visually and upon complaints of increased turbidity, waste materials in canals, spills or leaks.	Continuously during construction works	To ensure there is no pollution caused to the waters	Should be included in costs for supervisor, no additional measurement costs envisaged. In case of public compliance measurements should be done with a cost of 500 Euro	Contractor to implement, Supervisor to review and report on

Phase	What (Is the parameter to be monitored?)	Where (Is the parameter to be monitored?)	How (Is the parameter to be monitored?)	When (Define the frequency / or continuous?)	Why (Is the parameter being monitored?)	Cost (if not included in project budget)	Who (Is responsible for monitoring?)
						per sampling point	
During Maintenance/ upgrading	Waste management	On working site and surrounding areas	Visually for separation of wastes, review receipts from the collection company, or notification from the commune on the proper site of the disposal	Continuously during construction works	To ensure there is no risk of environmental pollution caused by construction works	Should be included in costs for supervisor, no additional measurement costs envisaged	Contractor to implement, Supervisor to review and report on
During Maintenance/ upgrading	Damage to vegetation in road sides	On road sides	Site log and visual inspection	Continuously during construction works	To ensure no damage to vegetation	Should be included in costs for supervisor, no additional measurement costs envisaged	Contractor to implement, Supervisor to review and report on
During Maintenance/ upgrading	Storage of paint, oil or other hazardous materials	On road	Visually ensure proper storage, and no leaks or spills	Continuously during construction works	To minimize risks of pollution of hazardous materials	Should be included in costs for supervisor, no additional measurement costs envisaged	Contractor to implement, Supervisor to review and report on
During Maintenance/ upgrading	Chance findings	On road	Through site log	Regularly through construction works	To ensure adequate management of chance findings	Should be included in costs for supervisor, no additional measurement costs envisaged	Contractor to implement, Supervisor to review and report on
During operation	Road and artefacts conditions	On road	Visually	Continuously	To ensure proper working	Not additional cost	ARA, Paper

Phase	What (Is the parameter to be monitored?)	Where (Is the parameter to be monitored?)	How (Is the parameter to be monitored?)	When (Define the frequency / or continuous?)	Why (Is the parameter being monitored?)	Cost (if not included in project budget)	Who (Is responsible for monitoring?)
					of the road		Commune
During operation	Road signals and lighting	On Road	Visually	Continuously	To ensure proper safety measures	Not additional cost	ARA Paper Commune
During operation	Pollution by discharges or leaks	On road	Visually, if needed monitoring	continuously	To ensure proper environmental quality	Not additional cost	REA of Elbasan, Paper Commune

5 Public Consultations

The public consultation activity is prepared from the consultant and ARA's environmental and RAP experts from the beginning of EMP preparation. The team joins their forces with RAP consultant, who starts working in the ESSD in a second phase. The consultant has several meetings and consultations with the representatives and experts of ARA and WB advisors. After getting the basic information, the consultant undertakes meetings with the representatives of Paper Municipality and all stakeholders that might be affected from the project. The consultant explains the project objectives and expected outputs, and the importance of the local community's participation. After having collected information regarding environmental and social issues, community's expectations, the consultant explains to the local people the steps to be followed for public consultation and the importance of their participation on public consultation/hearing process.

Subsequently to the revision of the draft EMPs, and fulfillment of the comments from ARA and WB advisor/supervisors, the consultant prepared a summarized material in Albanian, including the two EMPs, and RAP (template), which was distributed to the stakeholders of the area affected by the project.

80 copies of this material were distributed to the community, 20 of which were delivered to Paper's Commune representatives, in the Land Administration Office. At the beginning of October, in close collaboration with the Head of the Commune and the chief of Land Administration office, Mr. Ndrim Cela was identified as the local contact person of the Commune. The involved parties (Consultant, ARA, Paper Officials) agreed to organize the public consultation meeting on the 22nd of October in the commune's premises to discuss environmental and social safeguard documents. Announcements were placed in main spots in all villages since the 10th of October, providing information about the project, together with time and place of the public hearing. The announcement was also published in national newspapers ("Panorama"), including the link to ARA's website for complete and detailed information on the project.

The public hearing had a very good affluence, and the participants were active and shared their comments, opinions, and suggestions on the project. The full list of participants and their positions are present in Annex 1.

5.1 Public Hearing

In the meeting participated the Consultants team, ARA representatives, and stakeholders from the local community of Paper (including local officials, farmers, teachers, and residents coming from all villages of the commune).

The public hearing meeting was opened by the head of the Commune, Mr. Bullari, who introduced ARA representatives and the Consultant's expert. Then Ms. Rajmonda Limja (ARA) introduced the project, its importance and objectives to the participants, and invited the Consultant's Environmental and Social experts to continue with the presentation of the Environmental and Social Impact Assessment (including the EMPs and RAP (template)). The Consultant explained the EMPs and RAP, and invited the participants to express their opinions and thoughts on the findings of the ESIA. Their main concerns are summarized in the below paragraphs.

One of the comments was to provide underpasses for the animals, which in many cases are causes of accidents when crossing the road. The Consultant informed that this will be taken into consideration from ARA and the works Contractor during the design phase, to see if it will be feasible and cost-effective to provide underpasses for people and animals.

Other comments were regarding the need of appropriate culverts, as in many locations these do not present sufficient capacity, leading to road flooding and creating great inconvenience for the locals. The Consultant replied that appropriate measure shall be taken during the design phase, in order to include correct sizes and locations of culverts during maintenance and rehabilitation activities.

Many comments were raised about road safety issues. Residents stated that safety measures are very poor in this section. Children walk for several kilometers along the national road (SH7) from all villages in order to reach the school at Commune's centre. No pedestrian sidewalks or underpasses and overpasses are provided. This road presents a high speed design, and road crossing is very dangerous (a great number of accidents have been registered in this road). The Consultant explained that a hypothetical proposal in this sense has already been prepared and presented in the Paper-Vidhas EMP, consisting in rethinking the cross section of this road, reducing the width of car's lane, and providing sidewalks for pedestrians in urban areas of the road), but this shall be discussed between ARA and the works Contractor in order to decide what will be the measures in this regard during the design phase of the project.

Residents also complained on the need for zebra crossings and road signs, which are poor or misplaced. The Consultant replied that during project implementation, the Contractor shall respect all standards and technical requirements related to road safety when performing rehabilitation and routine maintenance works.

Other comments were that the Contractor should employ local workers during works execution, as within the area there is plenty of unemployed workforce that may be suitable for the works. The Consultant explained that this item has already been included in the EMP.

Residents also asked how the expropriation process is going to be carried out, and how the compensation will be calculated. The social expert of consultant explained that this project does not foresee any land take activities, as the expected actions are rehabilitation and maintenance works related to existing roads. However, in cases that land take would result necessary, the compensation will be done in respect to Albanian law provisions and World Bank guidelines on the matter. Appropriate RAP templates to be used by ARA in such cases have been prepared. It is important to note that project works shall not commence until the compensation of the rightful owners has been completed.

Some of the residents gave also comments regarding the inner village roads, which are often subject to closure due to weather conditions and cause great difficulties to the local communities. They asked for their reconstruction and connection with main or national roads. The Consultant replied that these roads are not part of the national road network, thus are out of the scope of the RRMSPP project. The construction/reconstruction of these small and local roads may be part of other projects financed by the government or other international entities.

Participants also commented benefits related to the Project. In particular, that roads rehabilitation and maintenance is expected to improve access to health and education facilities and would provide better access to markets.

Annexes

6 ANNEX 1 – Public consultation record

List of participants in the Public Consultation process in Paper, 22nd of October

Papër, datë 22.10.2014

LISTA E PJESËMARRËSVE NË KONSULTIMIN ME PUBLIKUN

EMRI I PROJEKTIT: PLANIFIKIMI DHE PËRGATITJA E MIRËMBAJTJES ME PERFORMANCE DHE SIGURINË RRUGORE (PPMPSPR).

PLANET E MENAXHIMIT MJEDISOR LIDHUR ME PUNIMET MIRËMBAJTËSE DHE ATO PËRMIRËSUESE NË SEGMENTET RRUGORE VIDHAS-PAPËR DHE PAPËR-PAULESH

Nr.	Emri	Mbiemri	Profesioni/Institucioni	Kontaktet Cel/e-mail	Firma
1	Spartak	Sinoj	Specialist Mjedis	0697368532	
2	Besmir	Dedja	Planator Lokal SPEA/EGNATIA	0694411949	
3	Shofet	Bullari	K. Komuna	0683024866	
4	Astrit	Xhyre		0683421673	
5	IBRAHIM	KARAT	Biznesment	0687323720	
6	Daut	Harshu	K. Plak	0682689248	
7	Rigeseke	Alushi	P.T. Tabela	0682745153	
8	Bekdash	Leke	K. Plak	0682757779	
9	Skender	Bullari	Specialist Mjedis	0682443309	
10	Ndriçim	Gjeli	O.T.A. Mjedis	0685576388	
11	Zellumir	Baba	K. Plak	0699492727	
12	Gazmir	Kulla	K. Plak	0682145052	
13	Zedri	Leke	J. Komuna	0683235221	
14	Gjoni	Myrtaj	Pensia		
15	KLAUDIANA	HASALLA	INFERNIERE (MUNIM)	0685477108	
16	Ingrit	Baba	inspektor i M. Mjedis	0693104313	
17	Shaban	Gjeli	Komuna	0692314516	
18	Gjoni	Leke	K. Komuna	0682224218	
19	Caush	Zeneh	Ferma	0682561564	

20	Agrom	Urapu Farmer	AAE
21	Corim Shura	Farmer	0686323386
22	Fradu Vrapu	Inspector	0682313180
23	Lovan Haxhiu	Banor	0685336911
24	Vlitor Myzelefi	Bishop	0693067216
25	Aslan Vrapu	Inspector	06861225
26	Pi Dylor	Topir Sellok	0684671142
27	Ghygri Ghyri	Popor-Sellok	068350452
28	Besljet Gjole	Inspector	068271286
29	Artemis Urusi	Valas/Inspector	
30	Elona Hasankelli	Paper / PHAF	
31	Valentina Gjeveri	Besljet	0682819540
32	Onela Tosuni	Elbansom	0682526350
33	Enenata Myzelefi	Paper	0692504840
34	Enxhi Subashi	Paper, Nxezhe	0666655085
35	Klajdi Zahiri	Paper, Nxezhe	0683350927
36	Valbona Bashaliu	Komuna Paper	0686552068
37	Arjona Skenderi	Komuna Paper	0684058644
38	Jolanda Haka	Komuna Paper	0685415866
39	Derisje Diliu	Konsulenti Suci	0682076383
40	Diana Gumeni	Sek. myqisid ARSH	
41	Eniola Buturoshi	Sek. Shprehjesim ARSH	0696006949
42	Rajmonole Limje	ARSH	r/limje@yahoo.com
43	Orshani Kiki	Inspector Shkoll	0697310335

Announcement of the Public Consultation in newspaper:

REPUBLIKA E SHQIPËRISË
AUTORITETI RRUGOR SHQIPTAR
DREJTORIA E SHËRBIMEVE TË BRENDSHME

Njoftim për takimin mbi Planin e Përmblendhur të Menaxhimit Mjedisor për segmentet rrugore Vidhas-Papër dhe Papër-Paullesh.

Në kuadër të investimeve të Qeverisë Shqiptare për përmirësimin e funksionimit të rrjetit rrugor në Shqipëri, Autoriteti Rrugor Shqiptar, ka ndërmarrë projektin e Planifikimit dhe Përgatitjes së Mirëmbajtjes me Performancë dhe Sigurimë Rrugore (PPMPSR), ku ndër të tjera janë kryer studimet e Komizës së Menaxhimit Mjedisor e Social, duke përfshirë edhe dy Plane të Menaxhimit Mjedisor lidhur me punimet mirëmbajtëse dhe auto përmirësuese, në segmentet rrugore Vidhas-Papër dhe Papër-Paullesh.

Projekti financohet nga Banka Botërore dhe Planet e Menaxhimit janë hartuar nga konsulentit SPEA/AUTOSTRADE & EGNATIA ODOS s.a.

Brenda këtij kuadri, ditën e Mërkurë, datë **22 Tetor 2014, ora 11:00, në ambientet e Komunës Papër** do të zhvillohet një takim, ku marrin pjesë ekspertë të mjedisit, përfqësues të Autoritetit Rrugor Shqiptar, përfaqësues të pushtetit lokal, banorët e zonave ku do zhvillohet projekti, përfaqësues të shoqërisë civile, etj. Qëllimi i këtij takimi është njohja e publikut me projektet e mësipërme, me masat mjedisore që janë propozuar për mënjanimin e ndikimeve të mundshme negative, programet e monitorimit etj.

Përmblendja e Planeve të Menaxhimit mund të tërhiqet pranë Komunës Papër ose në adresën: www.artsb.gov.al/njoftime-te-ndryshme.

Personi i kontaktit pranë komunës: Ndrim Çela Cel: 0683576089

Janë të ftuar të gjithë personat e interesuar të marrin pjesë në këtë takim.

AMBASADA AMERIKANE, SHITJE ME ZARF TË MBULLUR

NJOFTIM

PËRBANESAT TUAJA: Mobilje dhe pajisje shtrëpake,
AUTOMJETE: 2002 "Toyota", Land Cruiser, Naftë
2004 "Ford", Explorer, ZI-72, Benzinë
2004 "Ford", Explorer, ZI-72, Benzinë
2007 "Mitsubishi", Pajeto, 1.5V, Naftë
2004 "Mitsubishi", Pajeto, V76W, Naftë
1996 "Jeep", Grand Cherokee, G258, Benzinë
2002 "Furgon", "Volkswagen", Transporter, Naftë
1990 Kamion, "Benz Mercedes", 108D, Naftë
2007 "Toyota", Land Cruiser, BK2, Naftë
2011 "Chevrolet", Equinox, Benzinë
2000 "Toyota", Land Cruiser, Naftë

GJITHASHTU: Gjeneratore me kapacitet 23KW dhe 16KW, stabilizator tensioni me kapacitet 40KVA, pajisje kompjuterike, etj.

Ekspozimi i Artikujve do të bëhet: 25 Tetor 2014, 9:00-12:00
Artikujt do të ekspozohen pranë pjesës së poshtme të Kompleksit të Villave Amerikane. Nuk do lejohet asnjë pjesëmarrës pas orës 11:50.

Kritimi i Depozitave: 27 Tetor 2014, 9:00 - 10:00
Personat që nuk do të jenë fitues të ankandit do të mund të tërhiqin depozitën e parapaguar pasi paraqesin fakturën e detyrë.

Pagaesha dhe Tërheqja e Mallit: 27 Tetor 2014, 10:00-12:00 dhe 13:00-15:00
Fituesit duhet të bëjnë pagesën e shkruar në ofertën e tyre dhe janë përgjegjës për tërheqjen e mallit Shuma e depozituar (4,000 Lekë) do të zbritet nga shuma totale që duhet paguar.

Negociatë një fitues zgjedh të mos paguaj ofertën e tyre siq, atëherë kjo depozitë do të mbarohet.

Datëje më të hollësishme mund të gjeni pranë Ambasadës Amerikane, Rr. "Elbasani" 103.

Rregullat e shites:

- Personat që do të marrin pjesë do të bëjnë një parapagim prej 4,000 Lekë. Ata do të paguajnë me faurë.
- Pjesëmarrësit do të mund të japin oferta për të gjitha grupet ose automjetet që ata dëshirojnë (qdo pjesëmarrës do të pajiset me një formular për la mbushur dhe një zarf për të futur ofertën).
- Të gjitha grupet dhe automjetet do të kenë nga një numër përkatës.
- Të gjithë artikujt, përveç automjeteve, do të shihen vetëm në grup. Blerja e artikujve të veçantë nuk është e lejuar.
- Automjetet do të shihen si artikuj të veçantë.
- Blerësit duhet të paguajnë për të paguar çdo detyrim doganor ndaj Qeverisë Shqiptare.

Për informacion të mëtejshëm telefononi në nr. 0682023743

Photos from the meeting:



Announcement in public areas of Paper's Commune:

