

Autopista Mar 1, Colombia
Environmental and Social Action Plan (ESAP)

Item No.	Reference ¹	Action Item ²	Product / Deliverable ³	Anticipated Completion Date ⁴
PS 1: Assessment and Management of Environmental and Social Risks and Impacts				
1.1	Road kill management and mitigation plan	Prepare a Project specific roadkill management and mitigation plan by 31 December 2018 and provide a copy of the plan to the Lenders. Provide evidence (e.g., reporting) of the implementation of mitigation and monitoring measures, including the number of roadkill incidents recorded to the Lenders annually during construction and operations, and to relevant national entities as required.	Roadkill management and mitigation plan	December 2018
1.2	Permitting	Demonstrate progress on the process to obtain pending permits and provide copies of the permits to the Lender prior to the start of construction works in the affected areas. DEVIMAR must continue updating the permit matrix quarterly to the Lender as part of monitoring requirements and include deadlines for obtaining permits based on the Project schedule.	Permit matrix	During Construction
1.3	Stakeholder engagement	Continue maintaining regular communication with stakeholders including the Cañada de Oro community members, to address any issues and concerns that arise regarding project-induced migration, toll changes, severance impacts and recruitment	Description of meetings held and how key During construction, rehabilitation and improvement activities, as well as during O&M. Issues that arise are addressed	During construction, rehabilitation and improvement activities, as well as during O&M.
1.4	Gender	Continue to implement DEVIMAR's commitments to gender equality and non-discrimination. This includes the explicit commitments to gender equality in contractual plans between DEVIMAR and ANI. Review the contractual plans in place between DEVIMAR and ANI including the social management plan during the annual update in to include explicit commitments to gender equality.	Detailed commitments/actions in place to promote gender equality	During construction, rehabilitation and improvement activities, as well as during O&M.
1.5	Grievance mechanism	Continue to engage with road user stakeholders, document community grievances in the grievance log and resolve grievances within the established time limits as per the Corrective Action Plan. Start maintaining a separate grievance log for grievances concerning land acquisition and resettlement matters.	Grievance log (for land acquisition/resettlement issues) and a separate grievance log for road users.	During construction, rehabilitation and improvement activities, as well as during O&M.
1.6	Stakeholder updates	Start updating the stakeholder database with details on different categories of stakeholders and their contact information including local governments, other levels of governments, and non-governmental actors such as the private sector and non-governmental organizations.	Updated stakeholder database	During construction, rehabilitation and improvement activities, as well as during O&M.

¹ This reference should correlate to the IFC Performance Standards and/or the WBG/IFC EHS Guidelines.

² Include a brief, concrete, and clear description of the action(s) that need to be undertaken to fill the gap and reach conformance with the requirement.

³ Include specific deliverable(s) that are auditable and measurable and that will be supported with evidence.

⁴ Indicate the specific date(s) associated with the action item. These dates should be associated with a project milestone (e.g., 60 days prior to construction completion, prior to First Disbursement). Remove "anticipated" for loan agreement document and only use for the ESAP used in the public disclosure document and board reports.

Item No.	Reference ¹	Action Item ²	Product / Deliverable ³	Anticipated Completion Date ⁴
1.4	Monitoring and Evaluation	Contract or appoint an Independent Environmental and Social Consultant (CASI) to monitor the project.	Copy of the contract or communication regarding the appointment of the CASI	Prior to submitting the operation to the consideration of IDB Invest's Board
PS 2: Labor and Working Conditions				
2.1	Grievance Mechanism	Continue to implement the worker grievance mechanism, including recording grievances in the log and resolving them according to the timeframes established in the mechanism.	Excerpt from grievance log	During construction, rehabilitation and improvement activities, as well as during O&M.
2.2	Labor issues	Continue to carry out regular workplace inspections and provide induction materials on labor rights to new employees.	Example of inspection results and log of induction training	During construction, rehabilitation and improvement activities, as well as during O&M.
2.3	Occupational health and safety management systems	Continue to conduct reviews of worker management and occupational health and management systems and capabilities of all contractors contracted for the Project.	Example of Reviews/Findings of OH&S systems and capabilities of contractors	During construction, rehabilitation and improvement activities, as well as during O&M.
2.4	Subcontractors	Continue to work with subcontractors going forward to include the requirement in contract clauses to comply with IFC Performance Standards (PS).	Evidence of training for new subcontractors on the PS. (i.e. logs, photos).	During construction, rehabilitation and improvement activities, as well as during O&M.
PS 3: Resource Efficiency and Pollution Prevention				
3.1	Noise	Develop an operational noise mitigation and monitoring plan. Provide evidence of operational noise monitoring and implementation of corrective action when or where needed.	Report the results of the noise monitoring and evidence of mitigation measures in place.	Starting June 30, 2018
3.2	Climate change and Greenhouse gas (GHG) emissions	Implement the GHG emissions Reductions Plan developed for the Project.	Description of measures taken to implement the Plan.	During construction, rehabilitation and improvement activities, as well as during O&M.
3.3	Water management	Continue to implement the Water Management Plans and relevant action conducted during construction and operation.	Description of water consumption during construction and operation.	During construction, rehabilitation and improvement activities, as well as during O&M.
PS 4: Community Health, Safety, and Security				

Item No.	Reference ¹	Action Item ²	Product / Deliverable ³	Anticipated Completion Date ⁴
4.1	Road safety	Continue to monitor the effectiveness of measures taken to reduce road incidents and accidents on a regular basis, and develop and implement further mitigation measures as necessary.	Annual traffic accident report and measures taken to reduce accidents.	During construction, rehabilitation and improvement activities, as well as during O&M.
4.2	Community safety	Ensure that there is a pedestrian crossing in place with appropriate signage and traffic control during arrival and dismissal times from the Almendras School and that a cross guard is in place at this crossing until the overpass/footbridge is built along UF 2.1.	Photographic evidence.	Immediately
PS 5: Land Acquisition and Involuntary Resettlement				
5.1	Resettlement	Update the Resettlement Action Plan (2.1) for UF2.1 to make it ready for implementation once all of the required surveys and consultations have been completed for that section.	Updated RAP of 2.1	July 2018
5.2	Resettlement	Upgrade the socio-economic compensations plans to RAPs for all the other UFs, such that they are in compliance with PS5. The schedule for the preparation of the RAPs should be delivered by July 2018.	Updated Socio-economic compensation plan/RAPs for UF1 and UF3	Immediately, and after completion of all of the required surveys and consultation activities at each UF as per the schedule prepared.
5.3	Resettlement	Contract a third-party for an independent resettlement audit following completion of all resettlement activities.	Copy of Resettlement audit	One month after finalization of all resettlement activities
5.4	Grievance mechanism	Implement the resettlement grievance mechanism including resolving grievances within the required timeframe and start documenting all grievances received concerning land acquisition and resettlement in a separate grievance log.	Description of main grievances identifies and how they were resolved	During construction, rehabilitation and improvement activities, as well as during O&M
PS 6: Biodiversity Conservation and Sustainable Management of Living Natural Resources				
6.1	Habitat Assessment	Finalize the Critical Habitat Assessment and ensure implementation of recommendations regarding conservation are implemented.	Copy of CHA report	July 2018
6.2	Wildlife management	Using the roadkill surveys and monitoring data adjust the necessary fauna conservation protocol and design bypasses as needed to ensure habitat connectivity for fauna that are particularly vulnerable in sensitive spots, particularly any endangered species that could be affected.	Design Plans for fauna conservation and potential fauna crossing structures.	December 2018
6.3	Invasive species	Provide evidence of the implementation of the invasive species management plan	Evidence that invasive species were identified and removed.	During construction, rehabilitation and improvement activities, as well as during O&M.
PS 7: Indigenous Peoples NA				
PS 8: Cultural Heritage				
8.1	Protection of archeological and cultural heritage	In the case that any moveable archeological or cultural heritage artefacts are detected, submit proof of approval from the ICANH pertaining to any the final destination of any of these that have been removed or salvaged by the Project.	Evidence of approvals from the ICANH from the Ministry of Culture	During construction, rehabilitation and improvement activities,

