

			ENVIRONMENTAL IMPACT ASSESSMENT FOR THE RUMICHACA – PASTO DIVIDED HIGHWAY PROJECT, SAN JUAN – PEDREGAL SEGMENT, CONCESSION CONTRACT UNDER APP SCHEME NO. 15 OF 2015	
GEO-002-17-114-EAM			Version 0.	May 2017
CSH-1-AM-AM-EIA-0001-0				

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1 OBJECTIVES

1.1 OVERALL OBJECTIVE OF THE PROJECT

To build a new divided highway that will be a main artery for the Rumichaca – Pasto corridor, San Juan - Pedregal Segment, with the purpose of improving communication and connectivity between the southwest of Colombia and the rest of the country and the neighboring country of Ecuador.

1.2 SPECIFIC OBJECTIVES OF THE PROJECT

- To produce integration through better road connections in the southwest of Colombia, thereby strengthening the development of the region.
- To strengthen the international highway joining Colombia and Ecuador, by building road infrastructure in the Rumichaca – Pasto corridor, San Juan - Pedregal Segment, contributing to the country's economy, improving the provision of public services, stimulating domestic tourism, and creating opportunities for work and investment.
- To optimize circulation and interconnections between roads, thus reducing the accident rate, travel times, and vehicle operating costs.

1.3 OVERALL OBJECTIVE OF THE STUDY

To conduct the Environmental Impact Assessment required to develop construction activities for the Rumichaca Pasto corridor, San Juan - Pedregal Segment in functional units 1.2, 2 and 3 located in the municipalities of Ipiales, Contadero, Iles, and Imués, through the description, characterization, analysis, and evaluation of the physical, biotic, and socioeconomic environments of the territory, and the development of plans and programs for correct attention to the impacts generated by the different components on the environment, in accordance with what is established in the applicable laws and in order to obtain an environmental license.

1.4 SPECIFIC OBJECTIVES OF THE STUDY

- To define the area of influence on which it is foreseen that the main impacts will occur caused by the execution of the project.
- To characterize the surroundings of the highway project, based on primary and secondary information, considering the abiotic, biotic, and socioeconomic environments of the project's area of influence, which constitute the baseline, based on which management measures will be defined for the area of influence during the development of the project.

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- To quantify the demand, use, and usufruct of renewable natural resources required by the highway project for the development of its stages of construction and operation.
- To obtain the environmental permits, concessions, or authorizations required for the construction and operation of the project.
- To predict, describe, and score the impacts currently generated with the development of the communities' activities (scenario without the project) and those that could potentially be caused during execution of the works of the project (scenario with the project).
- To develop the environmental economic evaluation by assigning a market value to the environmental impacts, in such a way as to materialize in economic terms the environmental costs or benefits of the project.
- To establish the main physical, biotic, and socioeconomic restrictions, limitations, or potentialities related to the construction and operation of the project, and to identify areas for special handling that must be excluded or be managed with restrictions through environmental zoning.
- To develop an Environmental Management Plan, in order to establish prevention, mitigation, and compensation measures that should be implemented during the construction phase.
- To present a proposal for the plan for investment of the 1% corresponding to the use of water resources, through investment lines coordinated with the regional corporation (CORPONARIÑO).
- To present the Compensation Plan for Biodiversity Loss.
- To formulate the risk management plan as a tool for strategic and operations planning, in order to properly and effectively respond to and control any emergency or contingency in the construction stage, and thereby define guidelines for the same for the operation stage.
- To design the plan for abandonment and final restoration, in order to recover the initial environmental conditions affected by the activities of the project.
- To guarantee the participation of ethnic and non-ethnic communities in the development of the study through their active cooperation during presentations and prior consultations related to the project, and the integration and coordination of their contributions to the study.