

TC ABSTRACT

I. Basic Project Data

▪ Country/Region:	COLOMBIA/CAN - Andean Group
▪ TC Name:	Climate change and transport in Colombia: intermodality and new technologies
▪ TC Number:	CO-T1671
▪ Team Leader/Members:	CRUZ MORENO, PAULA (INE/TSP) Team Leader; CALATAYUD, MARIA AGUSTINA (INE/TSP) Alternate Team Leader; SANDOVAL, JOSE MANUEL (CSD/CCS) Alternate Team Leader; MONTES CALERO, LAUREEN ELIETH (INE/TSP); BERTOSI, FANNY (INE/TSP); NAVACERRADA BUSQUETS, PABLO (INE/ENE); RODRIGUEZ GONZALEZ, ROBERTO EDUARDO (INE/TSP); ACEVEDO CALLE, DANIELA (LEG/SGO)
▪ Taxonomy:	Client Support
▪ Number and name of operation supported by the TC:	N/A
▪ Date of TC Abstract:	22 Apr 2022
▪ Beneficiary:	Departamento Nacional de Planeación y Ministerio de Transporte
▪ Executing Agency:	INTER-AMERICAN DEVELOPMENT BANK
▪ IDB funding requested:	US\$1,300,000.00
▪ Local counterpart funding:	US\$0.00
▪ Disbursement period:	36 months
▪ Types of consultants:	Individuals; Firms
▪ Prepared by Unit:	INE/TSP - Transport
▪ Unit of Disbursement Responsibility:	CAN/CCO - Country Office Colombia
▪ TC included in Country Strategy (y/n):	Si
▪ TC included in CPD (y/n):	No
▪ Alignment to the Update to the Institutional Strategy 2020-2023:	Social inclusion and equality ; Economic integration; Environmental sustainability; Gender equality

II. Objective and Justification

- 2.1 The objective of this Technical Cooperation (TC) is to support the efforts to mitigate climate change in the transport sector in Colombia through the deployment of sustainable low-carbon and resilient transport infrastructure by supporting the Colombian government to promote and implement: (i) electric mobility, (ii) intermodal infrastructure, particularly rail and river modes, and (iii) sustainable urban mobility.
- 2.2 In the past decades, Colombia has made significant advances in the promotion and deployment of sustainable transport infrastructure to overcome the main challenges of the sector : (i) ensure the connection and continuous mobility of people and merchandise on the national territory and internationally through the development of national road infrastructure and regional and rural roads, the strengthening of ports and airports infrastructure ; (ii) improve urban mobility by implementing integrated and mass-transit systems in 7 main cities and 8 intermediate cities of the country (SITM, SITP, SETP); (iii) reduce the negative environmental impact of the transport sector by promoting clean technologies and intermodal transport infrastructure. Despite these efforts, Colombia still has many challenges to ensure the sustainability and resilience of the sector, aiming to its decarbonization in the long run. Indeed, the transport sector is responsible for 12% of GHG emissions and it has a huge potential to achieve reductions thanks to mitigation measures. Additionally, the sector is

vulnerable to effects of climate change, such as flood, hurricanes, rise of sea level, which requires the implementation of adaptation measures. The destruction of road infrastructure during the 2020 Eta and Iota hurricanes, and the regular road closures due to flood and landslides, are some examples. During the COP26, the Colombian government announced three priority axes for the transport sector: (i) intermodal infrastructure, as we estimate that moving cargo through river and rail modes could reduce emissions by 62% and 33% per ton transported respectively; (ii) electrification of the sector; and (iii) sustainable mobility measures that promote Non-motorized transportation (NMT) and mass-transit with clean technologies to reduce the negative impact of private vehicles.

In order to support the Government of Colombia in its efforts to adapt and mitigate the impact of the transport and infrastructure sector on climate change, the IDB and the UK Sustainable Infrastructure Program (UK SIP) will implement a Technical Cooperation to finance studies and projects that contribute to (i) the electrification of the transport sector and (ii) the deployment of sustainable intermodal infrastructure and (iii) the promotion of sustainable urban mobility.

III. Description of Activities and Outputs

- 3.1 **Component I: Support the deployment of electric mobility in Colombia.** This component will finance consultancies to promote the implementation of electric buses especially in medium cities, strengthen capacities of local stakeholders on electric mobility technology and support the government for the consolidation of the national framework following the adoption of the Law 1964 of 2019.
- 3.2 **Component II: Support the implementation of intermodal transport infrastructure in Colombia.** This component will finance consultancies to support the implementation of the Master Plan for Intermodal Transport, oriented towards the strengthening of technical capacities and regulations in railway and fluvial sectors.
- 3.3 **Component III: Support the implementation of sustainable urban mobility projects.** The component will finance consultancies to support measures to improve the sustainability of urban mobility, especially by supporting the sustainability of public transportation, promoting non-motorized transport and managing the demand for private transport.

IV. Budget

Indicative Budget

Activity/Component	IDB/Fund Funding	Counterpart Funding	Total Funding
Support the deployment of electric mobility in Colombia	US\$500,000.00	US\$0.00	US\$500,000.00
Support the implementation of intermodal transport infrastructure in Colombia	US\$400,000.00	US\$0.00	US\$400,000.00
Support the implementation of sustainable urban mobility projects	US\$400,000.00	US\$0.00	US\$400,000.00
Total	US\$1,300,000.00	US\$0.00	US\$1,300,000.00

V. Executing Agency and Execution Structure

- 5.1 The Inter-American Development Bank will execute the TC through the transport and climate change teams in Colombia. The team will ensure ongoing coordination with the National Planning Department and the Ministry of Transportation, as well as other

agencies that could be involved in the projects, such as municipalities and the National Infrastructure Agency.

- 5.2 The TC will be executed by the Bank through the Transportation Division (TSP/CCO) in coordination with the Climate Change Division (CCS/CCO). This execution is justified, on the one hand, by the Bank's experience in developing the operational and technical instruments proposed for this type of operation; and on the other, by the structure of the cooperation that will finance projects led by different entities in the sector (National Planning Department, the Ministry of Transport and the National Infrastructure Agency). Additionally, it was specifically requested by the beneficiaries of the TC.

VI. Project Risks and Issues

- 6.1 No risks are identified related to the execution of this TC, which will be executed by the Bank in close collaboration with the National Planning Department, the Ministry of Transport and the National Infrastructure Agency. No risks related to the impact of COVID-19 on the studies to be carried out are identified. The Bank will ensure that the chosen consultants and beneficiaries have all the resources to guarantee the safety and continuity of the work to be carried out in person or virtually.

VII. Environmental and Social Classification

- 7.1 The ESG classification for this operation is "undefined".