

Project Name: Design, Financing, Building, Operation and Maintenance of the "BAHÍA-COJIMÍES" road

BAHÍA - COJIMÍES

Overview

The Bahía-Cojimies road corridor, which extends for 143.34 kilometers, is a key infrastructure for national development, forming part of the E15 and E386 axes of the State Road Network. This road is of vital importance due to the high volume of users from all of Ecuador's provinces that travel along it, mainly for tourism purposes. Specifically, the E15 axis facilitates the connection between the provinces of Esmeraldas, Manabí and Santa Elena, experiencing a constant and growing flow of traffic, including a significant number of heavy transport vehicles.

The general objective of this project is to optimize the corridor's service conditions by selecting privately managed alternatives that meet efficiency and quality standards, thus benefiting the public. Specific objectives include the design of a road structure capable of supporting the current volume of traffic, the improvement of the existing road layout and signaling, and the reduction of operating costs for users. These improvements are designed to facilitate safe and efficient transit, boosting tourism and regional economic development.

Project Type

Brownfield

Fundamental Criteria

Priority project of the Delegating Entity and duly aligned with the objective, policy and goal of the National Development Plan and strategic planning at the sector level.

Compensation Model

Payment by Users

Potential Demand- Based on 2021 Studies

AADT:

* Year 2021: 3.900

* Year 2051: 9.466

Components

Alternative 1.

- Rehabilitation of the existing road (2 lanes, 1 in each direction).

Alternative 2.

- Widening of the road to 4 lanes (2 in each direction).

*Bay-San Vicente: Abscissae Stretch: Start: 0+000, End: 1 + 980

* San Vicente-Jama: Abscissae Section: Start: 0+000, End: 58 + 306

* Jama-Pedernales: Abscissae Section: Start: 58+306, End: 107 + 113

*Pedernales-Cojimies: Abscissa Stretch: Start: 0+000, End: 34 + 250".

Delegación Model

Public-Private Partnership (PPP)

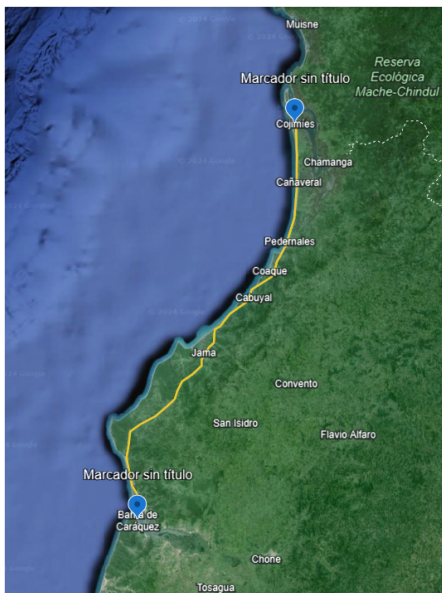
Location

Province:

Manabí

Cantons:

Sucre, San Vicente, Jama y Pedernales



Socioeconomic Information

Positive Impacts of the Project

- * Improved road safety.
- * Reduced vehicle maintenance costs.
- * Improved transportation efficiency.
- * Encourage economic development.
- * Access to essential services.
- * Development of local infrastructure.
- * Increased property values.
- * Improved access to emergency services.
- * Reduction of congestion

Beneficiaries

Located in the area of affluence:

*Direct Beneficiaries: 174,834 inhabitants.

*Indirect Beneficiaries: 1'592.840 inhabitants.

* Induced beneficiaries: 21,937 inhabitants.

Environmental Benefits of the Project

Emission reduction.

* Reduced vehicle wear and tear.

* Reduced use of non-renewable resources.

* Minimization of Impacts on Sensitive Ecosystems.

Comparative Analysis of Alternatives

Alternativa 1

Advantages: Quick to implement, less environmental impact and lower operating costs.

Disadvantages: Congestion problems in the future and limited road capacity.

Preliminary decision rationale: This alternative is the one that would contemplate, if necessary, a lower share of resources from the state

Alternativa 2

Advantages: Supports higher traffic volume, reduces travel times and improves road safety.

Disadvantages: Higher investment cost, greater volume of earthworks, construction time and greater environmental impact.

Preliminary Decision Justification: Alternative 2 is proposed in the event that as a result of the prefeasibility studies it is determined that the traffic meets the requirements to widen the roadway as required by the 2003 Highway Geometric Design Standard.

This alternative, based on the AADT greater than 8,000 vehicles, would guarantee road safety and travel times for users.

In this alternative, the state's share of contributions is likely to be higher than that foreseen in Alternative 1

Implementation time in reference years

Alternativa 1
CAPEX: 6 years
OPEX: 24 years

Alternativa 2
CAPEX: 4 years
OPEX: 26 years

Current status of the project

Planning and Eligibility

Registered in the National Registry of Public-Private Partnerships

Potential Jobs Generated

7.545 approx.

Type of Infrastructure

Road Infrastructure

Financial Information

CAPEX (Referential)

\$ 140,70 millions

OPEX (Referential)

\$ 236,55 millions

Total Project Value

\$ 377,25 millions



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