

# Transport Infrastructure

*Foreign and Private investment*

*Lenín*



September 2020

# ORGANIGRAM

Transport Policy

MTOP

Vice-ministries

Transport Services

Infrastructure

Undersecretaries

Road & Rail Transport

Airports

Ports

Delegations

Transport Infrastructure

10 160 km

National Route And Frequencies

19 Airports

4 Port Authorities

1 714 km of highways

8 446 km of highways

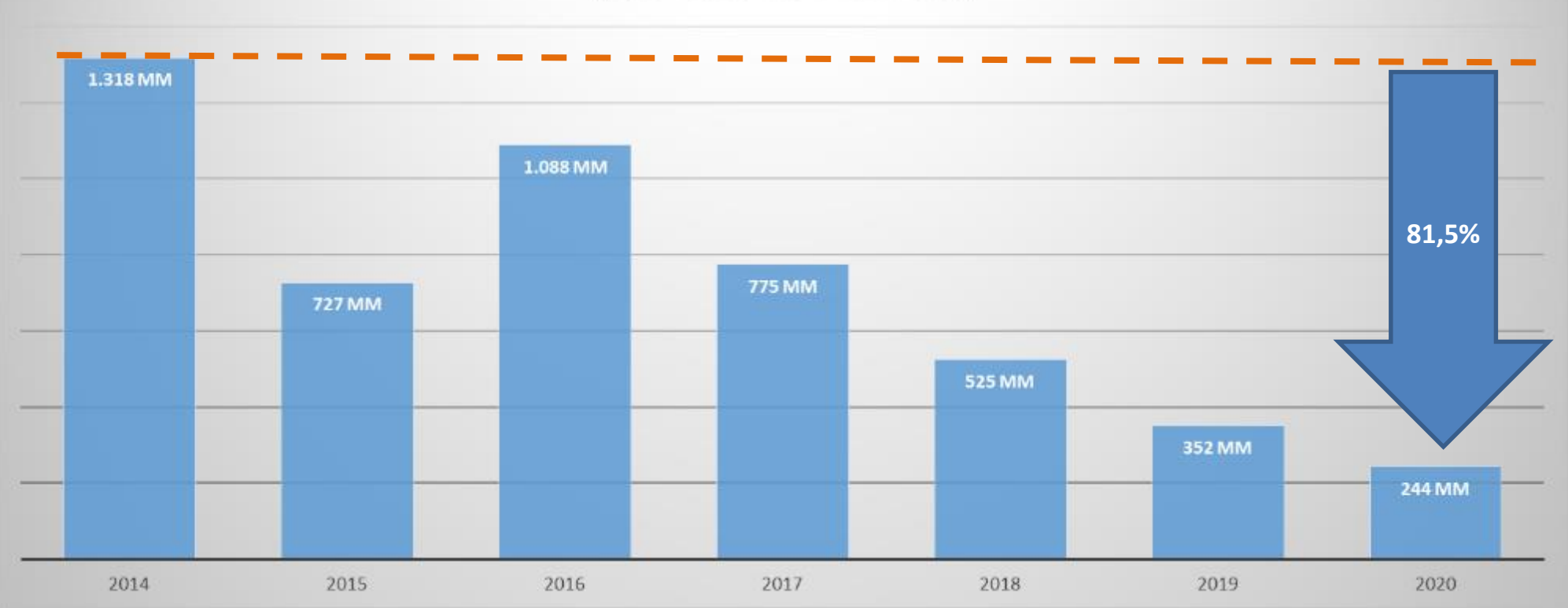
Intensive Private Investment

Lenín



# BUDGET

### HISTORICAL BUDGET MTOP (MILLIONS OF DOLLARS)



Foster private & foreign investment



# DELEGATED PROJECTS

Highways since 2017

Road - Section	Length [km]	Period [years]	CAPEX [MM]	OPEX [MM]	TOTAL [MM]
Río Siete - Huaquillas	105	40	441	862	<b>1.303</b>
Guayaquil - Salinas	162	20	71	234	<b>305</b>
Santo Domingo – Buena Fe	113	30	295	264	<b>559</b>
Naranjal – Tenguel*	45	30	110	150	<b>260</b>
			<b>\$ 917 MM</b>	<b>\$1.510 MM</b>	<b>\$2.427 MM</b>

\* Awarded in September 2020



# DETAILS OF PLANNED PROJECTS

September 2020



*Lenín*



# PROJECT VIADUCTO SUR DE GUAYAQUIL

## PROJECT DATA



### MANAGEMENT MODEL

Concession

### PROJECT PROFILE

Connection to the main import and export port terminals of Ecuador. Two million TEU are mobilized in the port of Guayaquil.

### SCOPE

The scope of the project includes: Design, Building, Operation and Transfer, during 45 years. The main infrastructure to construct is a 2.8 km bridge, over Guayas river. The construction phase is estimated to last 4 years.

### TOTAL INVESTMENT USD

**\$ 694 MM** (CAPEX \$ 457 MM - OPEX \$ 237 MM)

LENGHT	AADT
32,52 KM	6.837
CONCESSION PERIOD	STATUS
45 YEARS	<b>Private Initiative analysis</b>

Province

Guayas

## PROJECT DATA



Access to the bidding documents



### MANAGEMENT MODEL

Concession

### PROJECT PROFILE

The Project will reduce the traffic jams at Cuenca's access. The project includes several interchangers in order to maximize the free flow. The road pass thought 3 provinces.

### SCOPE

Design, financing, construction and operation of the corridor Biblián - Azogues - Cuenca (Acceso Sur), Cumbe

### TOTAL INVESTMENT USD

**\$ 508 MM** (CAPEX \$242 -OPEX \$266)

### LENGHT

60 KM

### AADT

TOLL STATION1: 44.000  
TOLL STATION2: 12.000

### CONCESSION PERIOD

30 YEARS

### STATUS

Bidding process

### TENDERING DATE

August 20, 2020

# BUENA FE – BABAHOYO - JUJAN

## PROJECT DATA



### MANAGEMENT MODEL

Foreign State company management  
[Art 100 of the Investment Code]

### PROJECT PROFILE

Increase the capacity of the highway which connects the most productive zones of Ecuador. More than 2 million tons of banana pass through this road each year

### SCOPE

Maintenance and construction of a highway with an optimum level of service

### TOTAL INVESTMENT USD

**\$550 MM** (CAPEX \$314 MM; OPEX \$236 MM)

### LENGTH

131 KM

### AADT

18.000

### CONCESSION PERIOD

30 YEARS

### ACTUAL STATE

Evaluation of the Proposal presented by the State Company





# ESMERALDAS MULTIPURPOSE TERMINAL

## PROJECT DATA



## PORT INFRASTRUCTURE

- 350 m long main pier with a depth of 11,5 m
- 105 m long service dock with a depth of 6,5 m.
- Storage for containers, vehicles, general cargo, bulk (solid and liquid)  
4 covered warehouses
- 6 Operating scales
- 72 Reefer

## STATUS

Decree for allowing the concession

## MANAGEMENT MODEL

Concession

## PROJECT PROFILE

Management of the international terminal of Esmeraldas, in order to increase the efficiency of foreign commerce with more containers, RO-RO, bulk and general cargo

## SCOPE

Design,, Building, Operation, and Maintenance, of the Multipurpose Terminal of the Port of Esmeraldas, during 50 years.

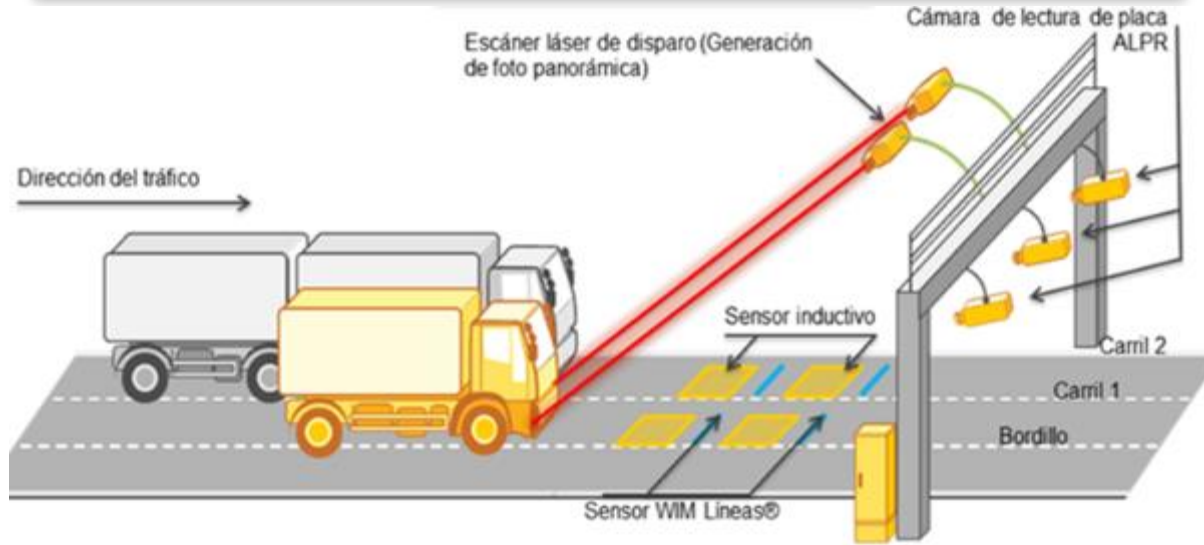
## ESTIMATED INVESTMENT

**\$930 MM** (CAPEX: \$85 MM - OPEX: \$845 MM)



# WEIGHT AND DIMENSIONS CONTROL SYSTEM FOR HEAVY CARGO VEHICLES - WIM

## PROJECT DATA



## NATIONWIDE IMPLEMENTATION OF WIM

- Quartz WIM sensors
- 16 Checkpoints
- 39 Automatic Weighing Lines
- 9 Vehicle Count Points, 8 Mobile Scales
- 35 Variable Message Signs

## STATUS

Launch of the bidding process: October 20 th

## MANAGEMENT MODEL

Concession

## PROJECT PROFILE

Develop a Weigh-in-Motion system, capable of measuring vehicles traveling at a reduced or normal traffic speed and do not require the vehicle to come to a stop, unlike static scales

## SCOPE

Financing, Provision, Implementation, Operation, and Maintenance, for the development of the WIM System at the State Road Network.

## ESTIMATED INVESTMENT

**\$38 MM** (CAPEX: \$11 MM - OPEX: \$27 MM)



## PROJECT DATA



## AIRPORT STATS

- PAX/Year: ≈200.000
- Flight/year: ≈3.000
- Airlines companies: LATAM, AVIANCA.
- International airport
- Runaway: 2.852 m

## STATUS

Evaluation of the proposal

## MANAGEMENT MODEL

Foreign State Company management  
[Art 100 of the Investment Code]

## PROJECT PROFILE

Investment in airport equipment, international promotion and technology, in order foster the arrivals of national and international airlines  
Increase of Terminal capacity

## SCOPE

Provide a high quality airport services, by the design, building, operation of the infrastructure, during the next 30 years.

## ESTIMATED INVESTMENT

**\$253 MM** (CAPEX: \$670 MM - OPEX: \$184 MM)



## PROJECT DATA



## Public transport system

- Capacity: 5000 pax/h/direction
- Cabins: 35 pax; 178
- Velocity: 30 km/h
- Environmentally friendly
- Phase 1: 11 km with 7 stations

## STATUS

Coordination with local Government

## MANAGEMENT MODEL

PPP

## PROJECT PROFILE

Connect, by public transportation, the main economic center of Quito with the International Airport. Increasing the reliability and comfort

## SCOPE

Provide a high quality transport services, by the design, building, operation of the infrastructure, during 35 years.

## ESTIMATED INVESTMENT

**\$1570 MM** (CAPEX: \$670 MM - OPEX: \$900 MM)



# Thank you

*For further information e-mail to:*  
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*[jmloor@mtop.gob.ec](mailto:jmloor@mtop.gob.ec)*



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# PLANNED PROJECTS

*Highways*

Project	Length [km]	Period [years]	CAPEX [MM]	OPEX [MM]	TOTAL [MM]
<i>Viaducto Sur de Guayaquil</i>	33	45	457	237	<b>694</b>
<i>Cuenca Azogues Biblian</i>	60	30	242	266	<b>508</b>
<i>Buena Fe - Jujan</i>	131	30	314	236	<b>550</b>
<b>224 km</b>			<b>\$1.013 MM</b>	<b>\$739 MM</b>	<b>\$1.752 MM</b>



# PLANNED PROJECTS

*Transport*

Project	Sector	Period [years]	CAPEX [MM]	OPEX [MM]	TOTAL [MM]
<i>Esmeraldas Port</i>	<i>Ports &amp; Logistics</i>	50	85	845	<b>930</b>
<i>Weigh In Motion</i>	<i>Road Cargo Transport</i>	10	11	27	<b>38</b>
<i>Manta's Airport</i>	<i>Airports</i>	30	69	184	<b>253</b>
<i>Metroférico</i>	<i>Public Transportation</i>	35	670	900	<b>1.570</b>
			<b>\$835 MM</b>	<b>\$1.951 MM</b>	<b>\$2.786MM</b>

