



Agencia Nacional de  
Infraestructura

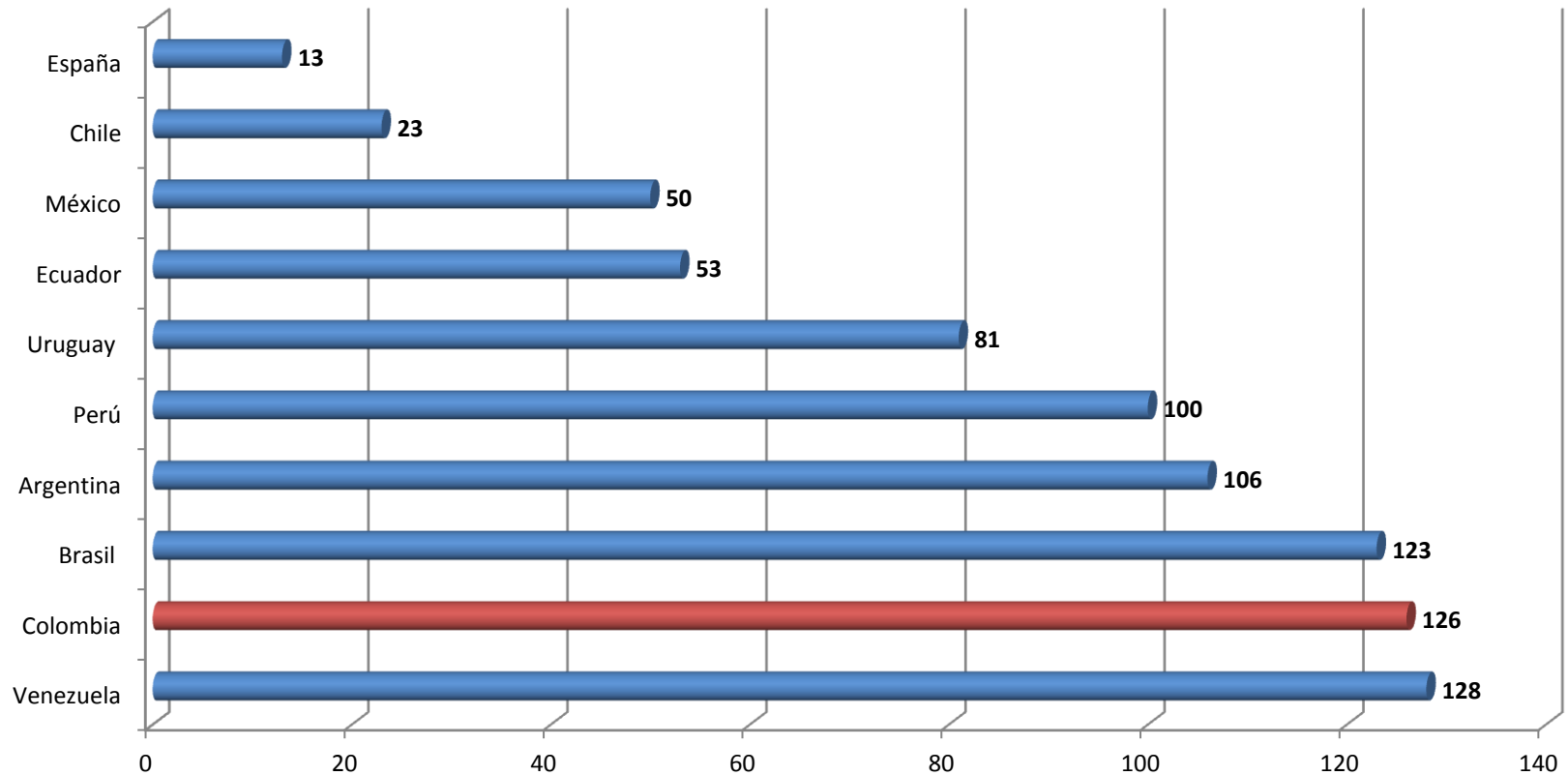


# Fourth Generation of Road PPP Program 2012-2014

Colombia Roundtable  
London

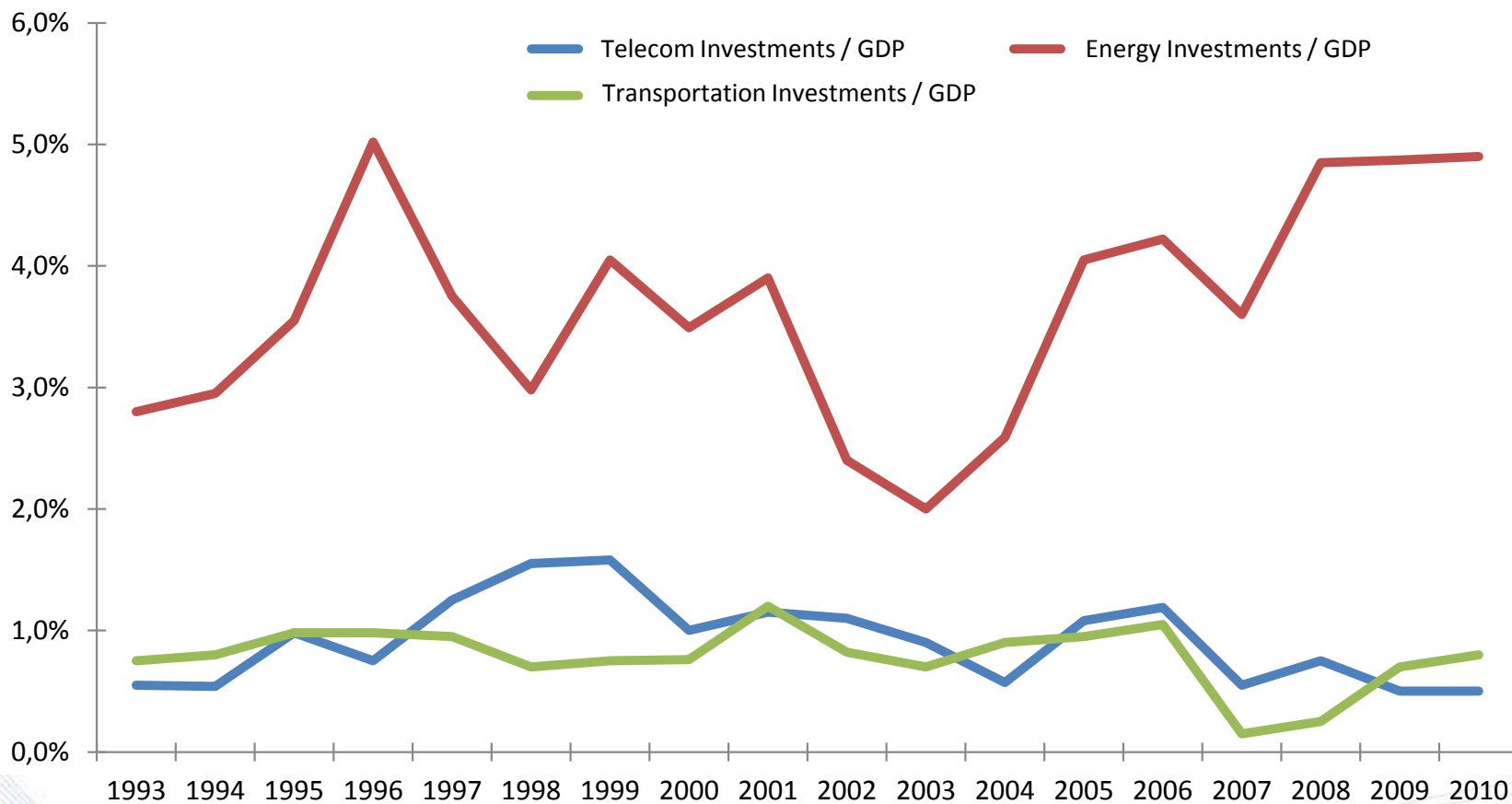
**Luis Fernando Andrade Moreno**  
President

## Quality of Roadway Infrastructure



Source: World Economic Forum. The Global Competitiveness Report 2012-2013.

# Low Infrastructure Investment



# Upcoming Challenges

## SIGNED FREE TRADE AGREEMENTS

- Canada
- United States
- European Union
- EFTA (Switzerland, Liechtenstein, Iceland and Norway)

## PEACE PROCESS

- Increase in agricultural exports
- Increase in oil and coal exports
- Proximity to expanding Panama Canal

## The Lag

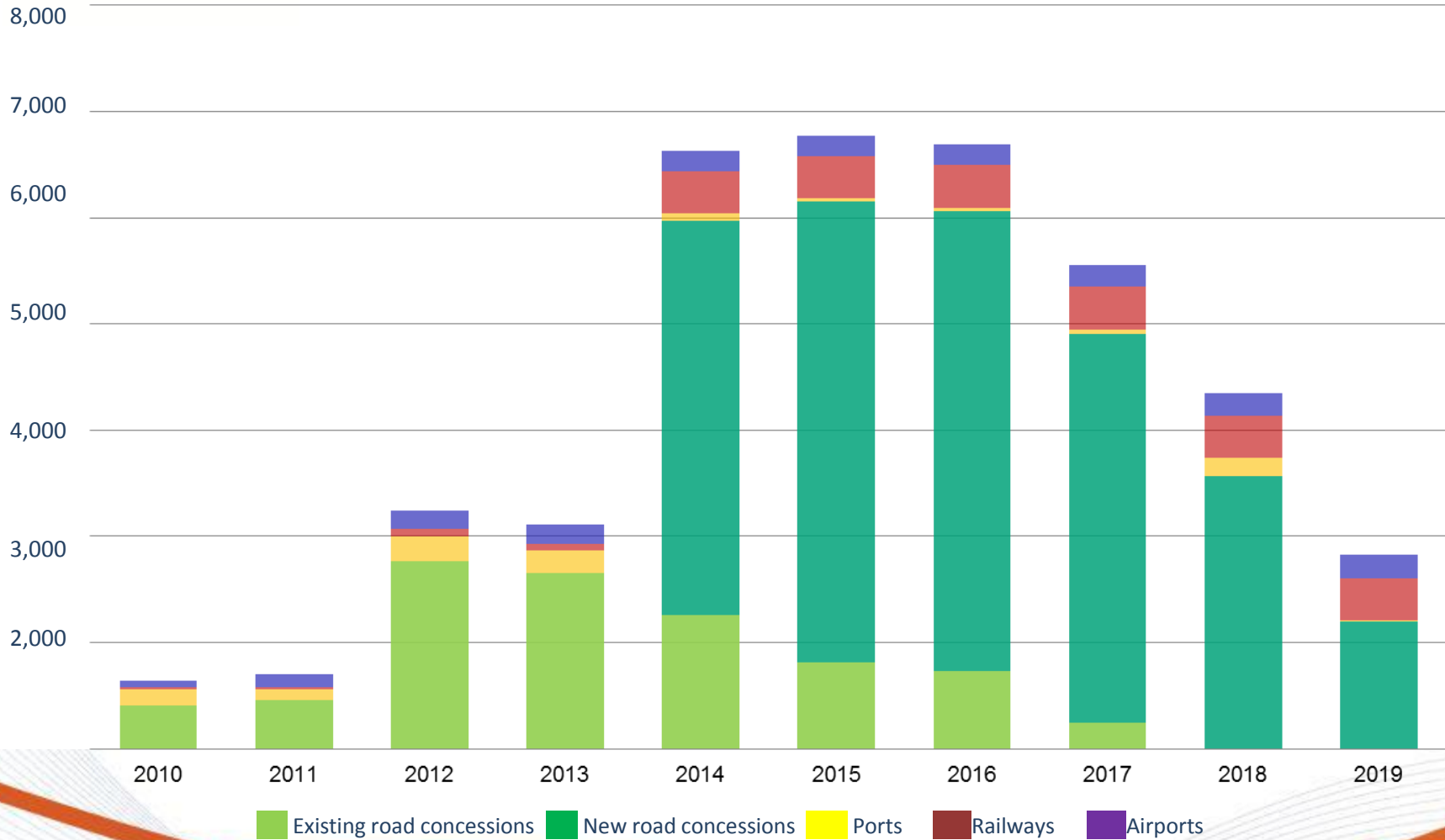
- Low competitiveness due to poor transportation infrastructure
- Only US\$3.3 billion invested in transportation infrastructure in 2011 (1% of GDP)
- 50/50 split between public works and PPPs

## The Strategy

- Objective : Increase investment to 3% of GDP in 2014 (US\$10 billion)
  - US\$3.3 billion through *public works* (1% of GDP)
  - US\$6.7 billion through *PPPs* (2% of GDP)
- First step in 2012: US\$4.4 billion (33% increase)

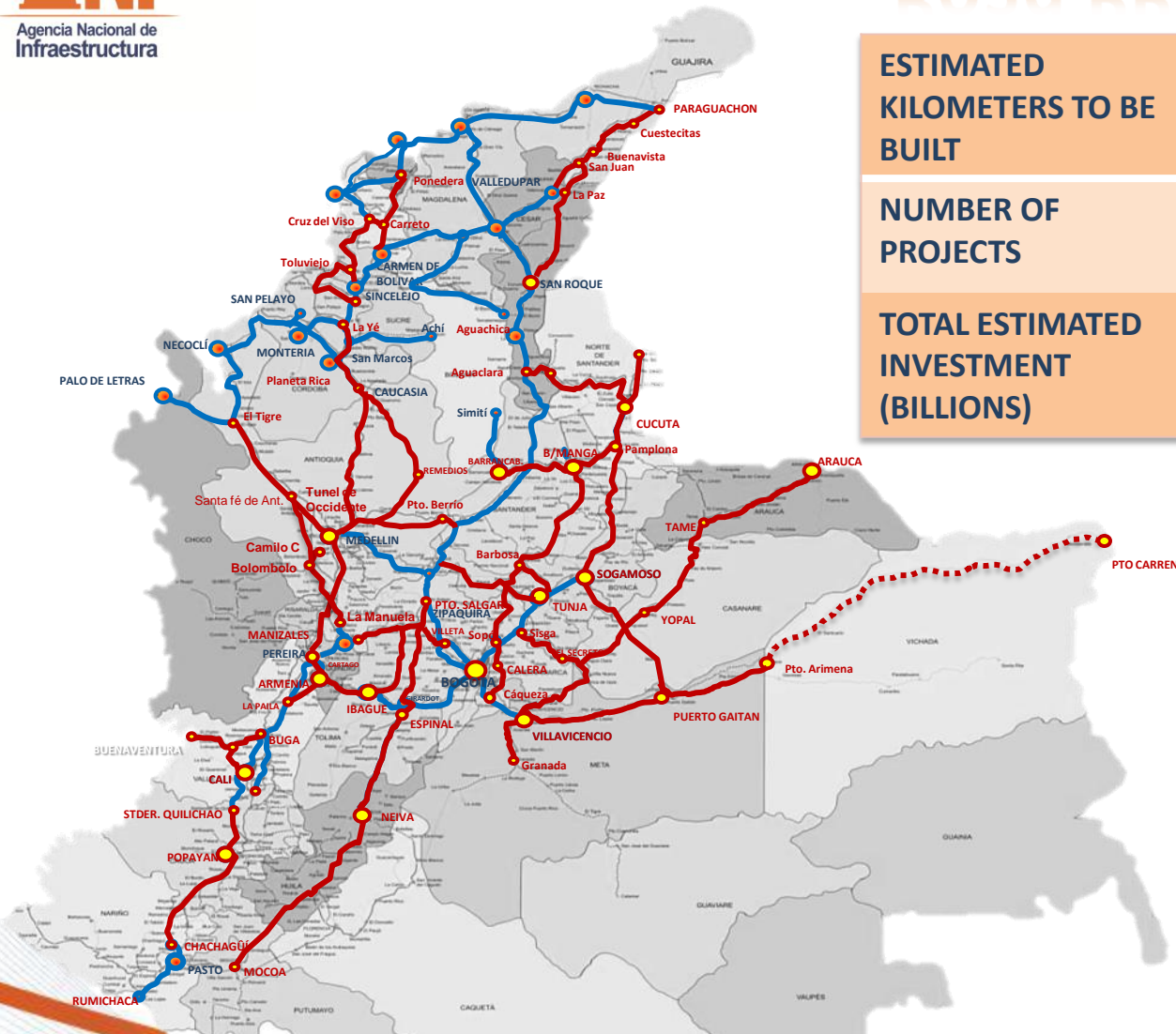
# Estimated Investment

(USD\$ Millions)

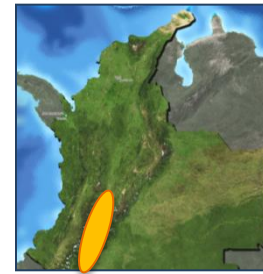


# Fourth Generation of Road PPP

ESTIMATED KILOMETERS TO BE BUILT	8,170
NUMBER OF PROJECTS	30
TOTAL ESTIMATED INVESTMENT (BILLIONS)	US\$26



— Existing PPPs  
 — New PPPs



Agencia Nacional de



## FACTS

Kilometers: 779 km  
 TOTAL INVESTMENT (US\$ BN): \$1.58

### CORRIDORS:

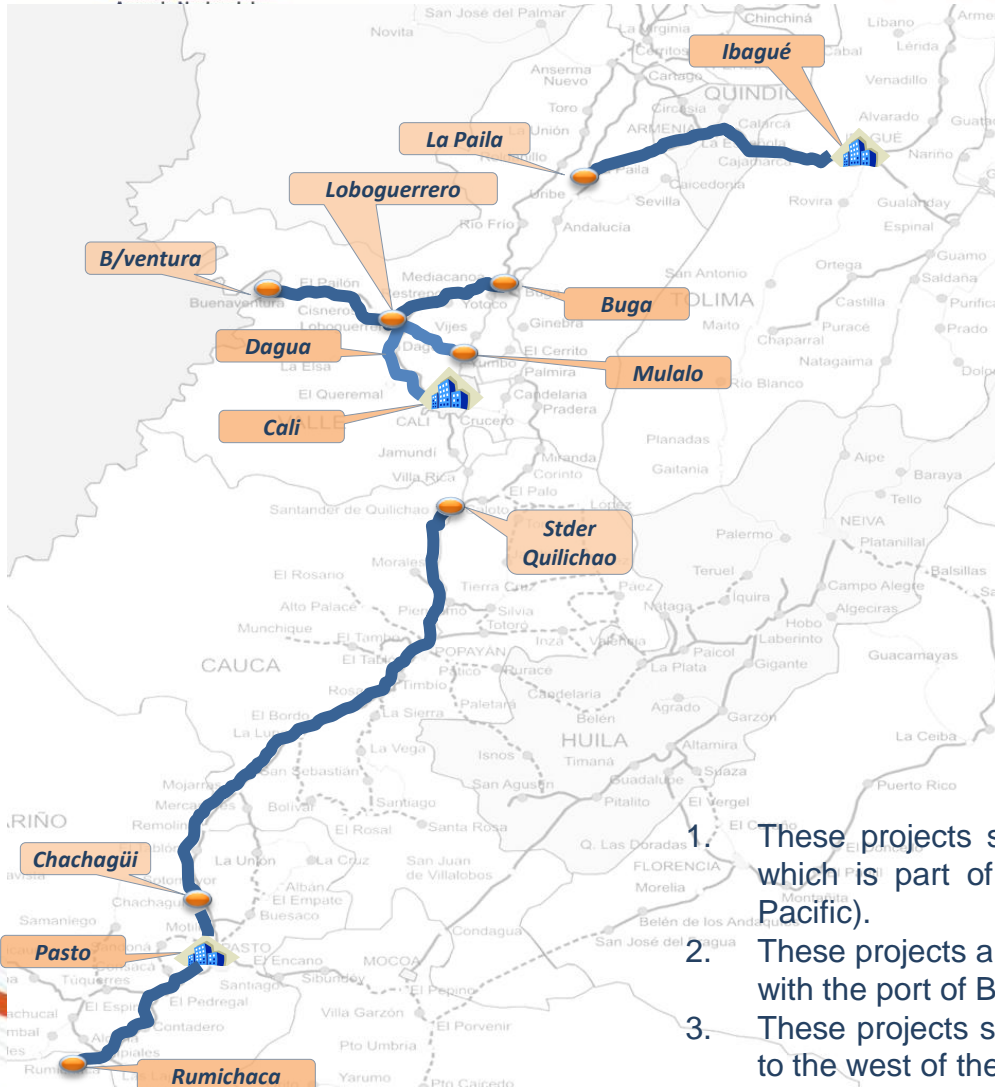
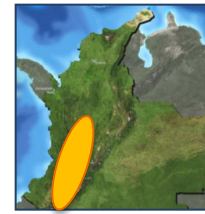
★ Ibagué – Puerto Salgar – Girardot ( 312 km)

Girardot - Neiva (167 km)

Neiva – Mocoa- Santana (400 km)

These projects seek to improve the layout and capacity of the main road on the Magdalena valley from Putumayo to Tolima. The section from Girardot to Puerto Salgar allows continuity to the north of the country.





## FACTS

Kilometers: 783 km  
 TOTAL INVESTMENT (US\$ BN): \$2.76

### CORRIDORS:

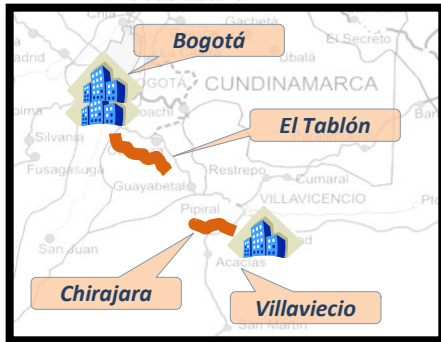
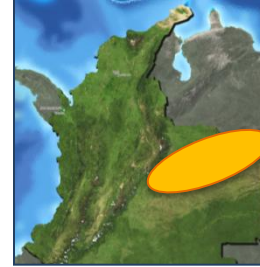
- Ibagué – La Paila (135 km) <sup>1</sup>
- Buga – Buenaventura ( 118 km) <sup>1</sup>
- ★ Mulaló – Loboguerrero (90 km) <sup>2</sup>
- Santander de Quilichao –Chachagüi/Pasto Rumichaca (440 km) <sup>3</sup>

1. These projects seek to improve the layout and capacity of this region, which is part of the Bogotá–Buenaventura corridor (connection to the Pacific).
2. These projects also improve the connectivity of Cali and its industrial area with the port of Buenaventura.
3. These projects seek to improve the layout and capacity of the main road to the west of the country.

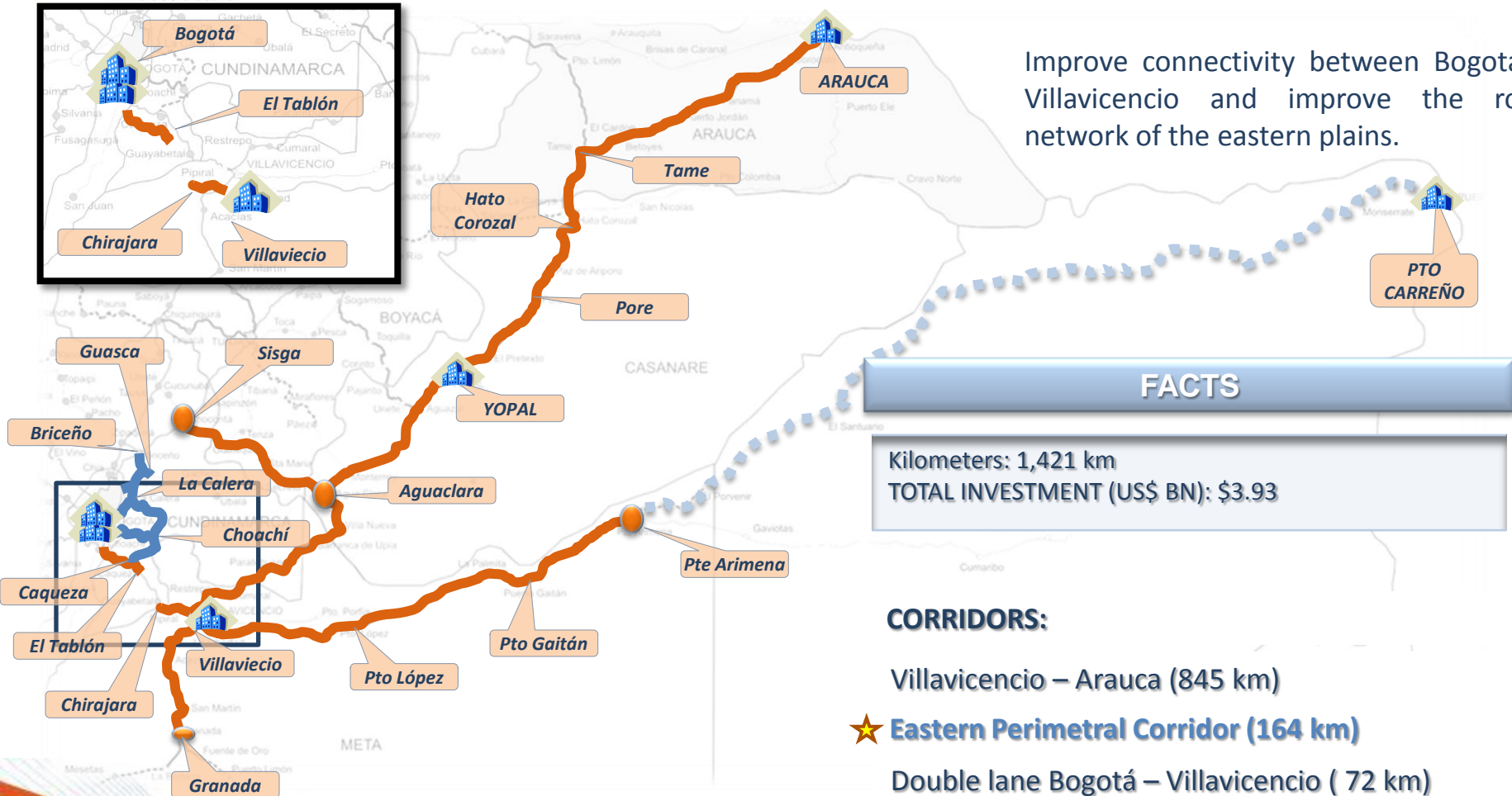
★ First projects to come out in 2013.

\* All figures subject to change.

# Center East Group 3



Improve connectivity between Bogotá – Villavicencio and improve the road network of the eastern plains.

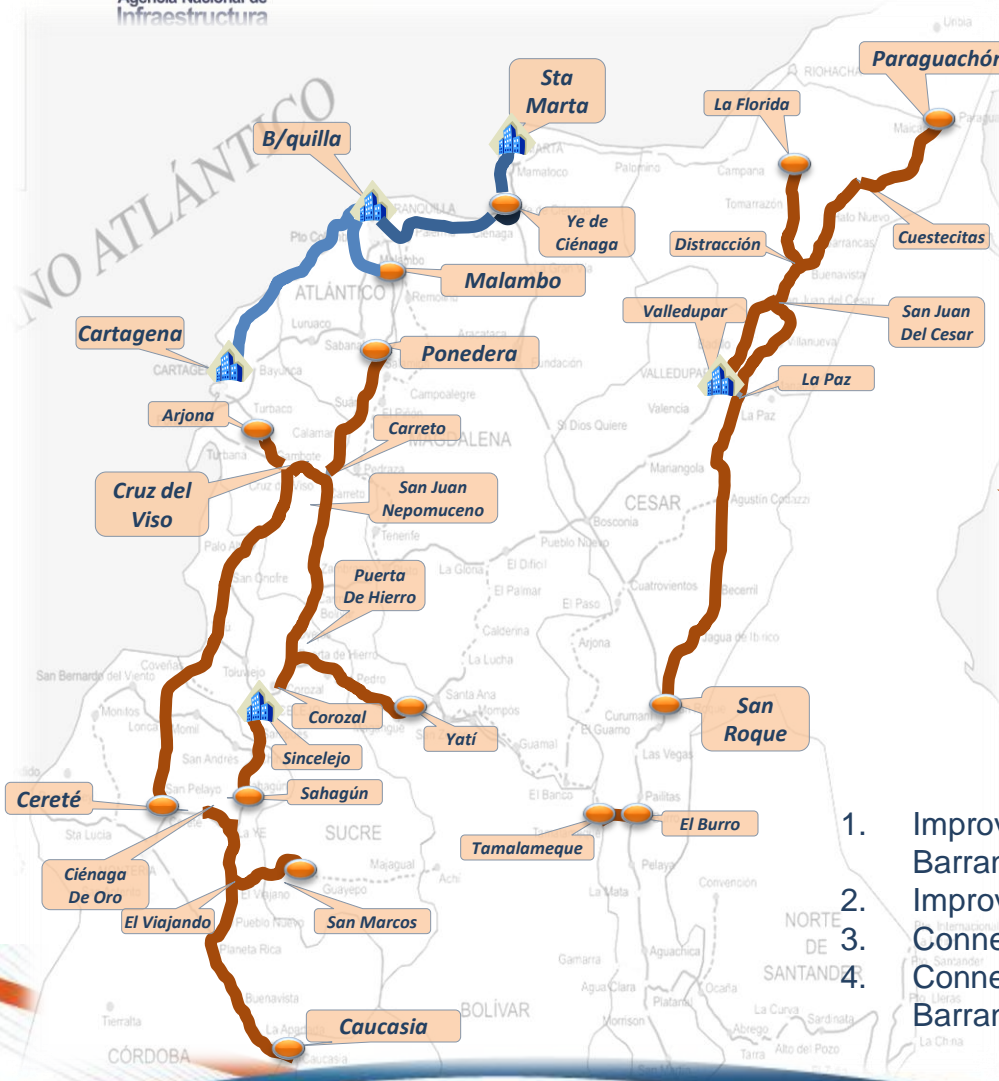
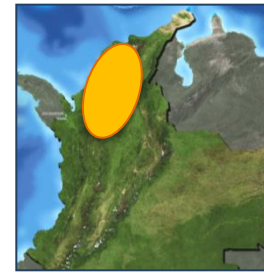


## FACTS

Kilometers: 1,421 km  
 TOTAL INVESTMENT (US\$ BN): \$3.93

### CORRIDORS:

- Villavicencio – Arauca (845 km)
- ★ Eastern Perimetral Corridor (164 km)
- Double lane Bogotá – Villavicencio ( 72 km)
- Malla Vial del Meta (Meta’s road network) (340 km)



## FACTS

Kilometers: 1,487 km  
 TOTAL INVESTMENT (US\$ BN): \$2.91

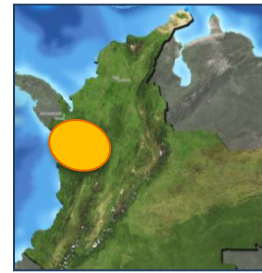
### CORRIDORS:

- ★ **Cartagena – Barranquilla - Malambo ( 152 km )<sup>1</sup>**
- Barranquilla – Santa Marta (93 km)<sup>1</sup>**
- San Roque - Paraguachón (474 km)<sup>2</sup>**
- Caucasia – Cruz del Viso (434 km)<sup>3</sup>**
- Cereté - Ponedera (334 km)<sup>4</sup>**

1. Improve road capacity between Caribbean ports: Cartagena - Barranquilla - Santa Marta.
2. Improve infrastructure for loading coal in Cesar and Guajira.
3. Connection of Antioquia (mountain region) to the Caribbean.
4. Connection of the main western road with the port of Barranquilla.



# Prosperity Highways



**PROSPERIDAD  
PARA TODOS**

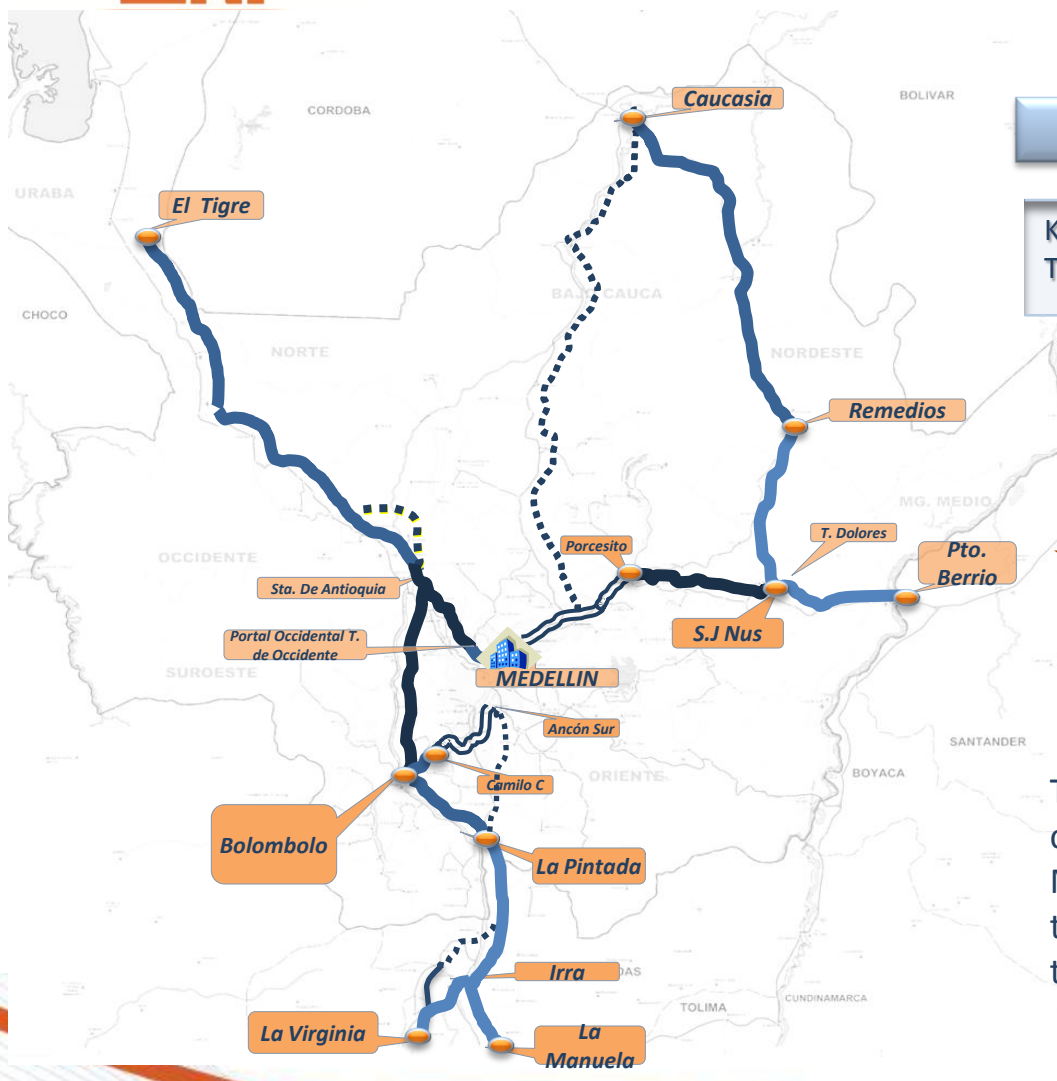
## FACTS

Kilometers: 838 km  
TOTAL INVESTMENT (US\$ BN): \$7.25

## CORRIDORS:

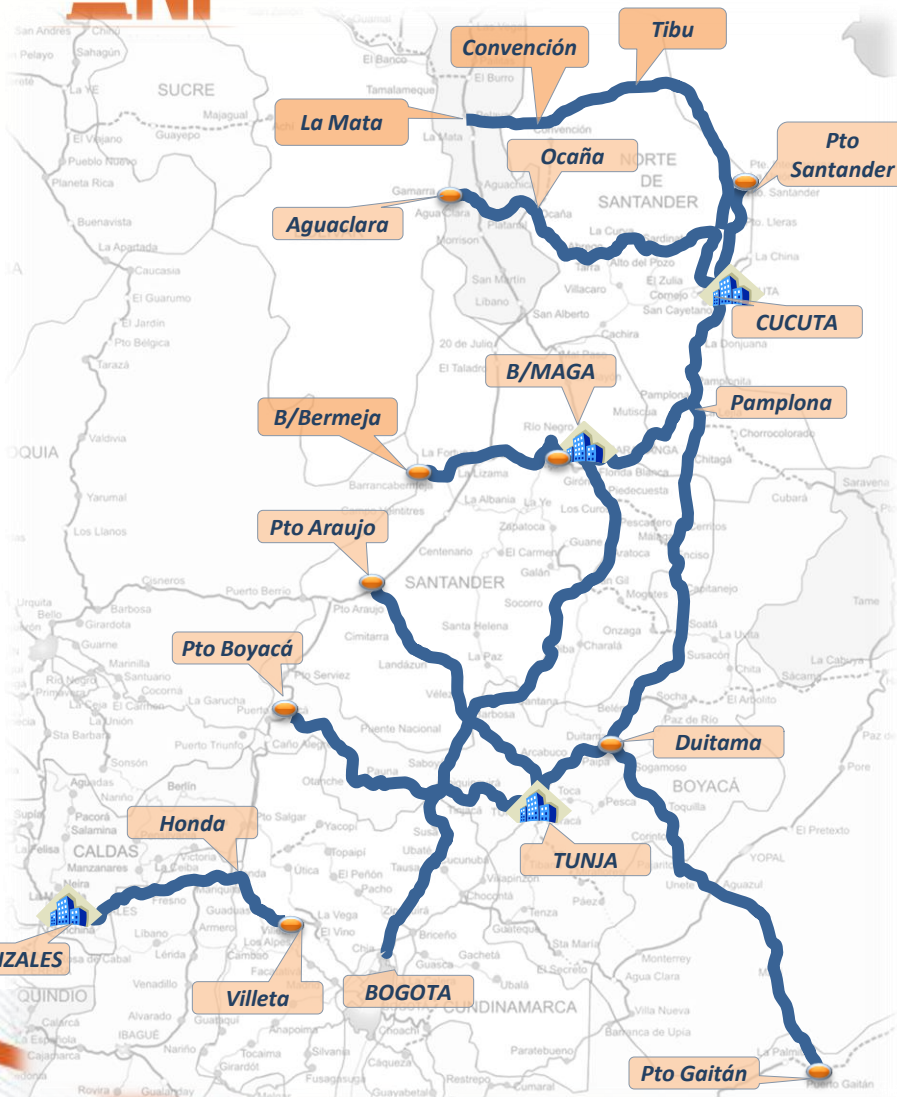
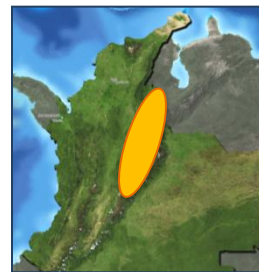
- ★ Group 1
- Group 2
- Group 3

These projects seek to improve the layout and the connectivity of the Ruta del Sol road network with Medellin. They also seek to connect the ports of the Caribbean with the coffee-growing region in the center of the country.



★ First projects to come out in 2013.

\* All figures subject to change.



## FACTS

Kilometers: 2,551 km  
TOTAL INVESTMENT (US\$ BN): \$6.30

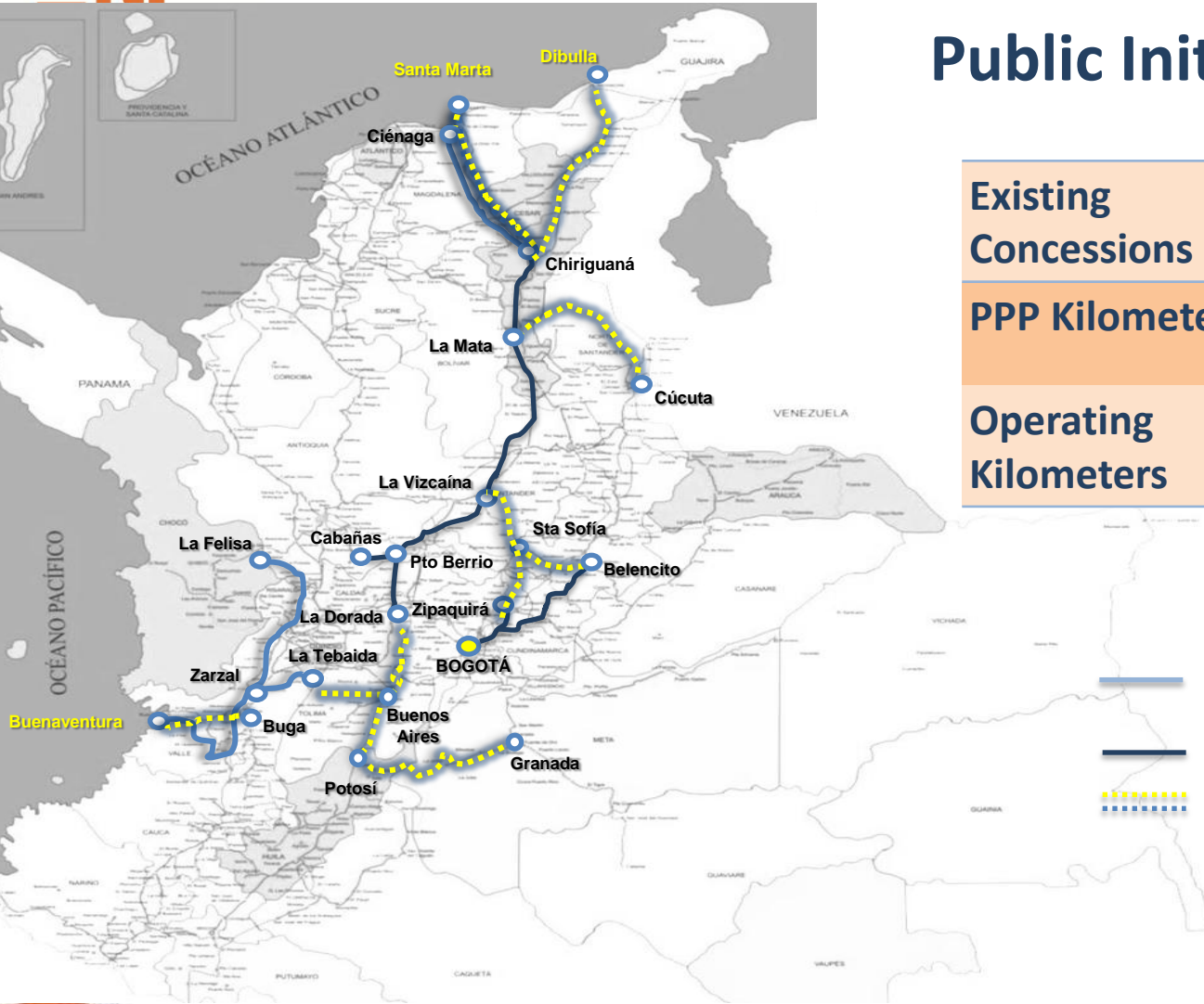
## CORRIDORS:

- Manizales – Honda –Villeta (220 km)<sup>1</sup>
- Bogotá –Bucaramanga – Pamplona (543 km)<sup>2</sup>
- Tunja –Chiquinquirá – Puerto Boyacá (315 km)<sup>3</sup>
- Puerto Gaitán – Puerto Araujo (571 km)<sup>3</sup>
- Duitama – Pamplona –Cúcuta (309 km)<sup>2</sup>
- Cúcuta –Aguaclara- Puerto Capulco (257 km)<sup>4</sup>
- Cúcuta – Puerto Santander (51km)<sup>4</sup>

1. Corridor Bogotá – Manizales.
2. Improve capacity of corridor Bogotá - Caracas.
3. Improve layout and capacity of the corridor that connects the western plains with the Ruta del Sol road network.
4. Connection between Cúcuta (Venezuela border) and Ruta del Sol road network.

## Public Initiatives

Existing Concessions	2
PPP Kilometers	743 km
Operating Kilometers	245 km



- Existing PPP
- Maintenance of existing lines
- Construction of new lines

# PPP Railroads



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## Private Initiatives

### Current Concessions

- ▶ Pacific concession
- ▶ Atlantic concession



Minería responsable

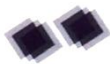
### Private Initiatives Under Study



Mariverdo Ltd.



GRUPO DE BULLET S.A.S  
Inversiones Minerales



SLOANE  
LOGISTICS SAS



Sociedad Portuaria de Santa Marta



Sociedad Férrea Centro Andino



PazdelRío

Votorantim

### Expected Private Initiative

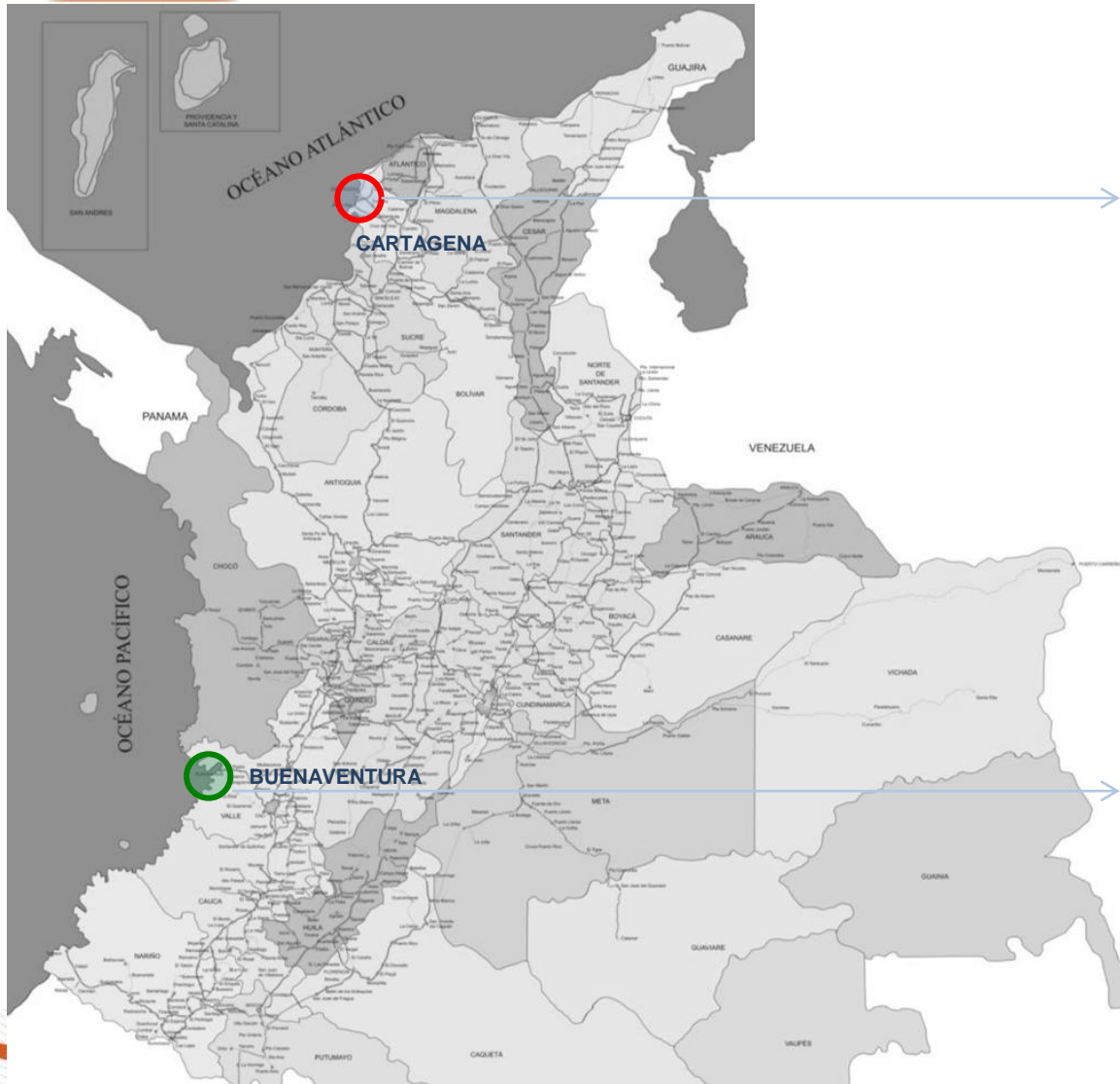


CCX

GRUPO EBX

PROSPERIDAD PARA TODOS

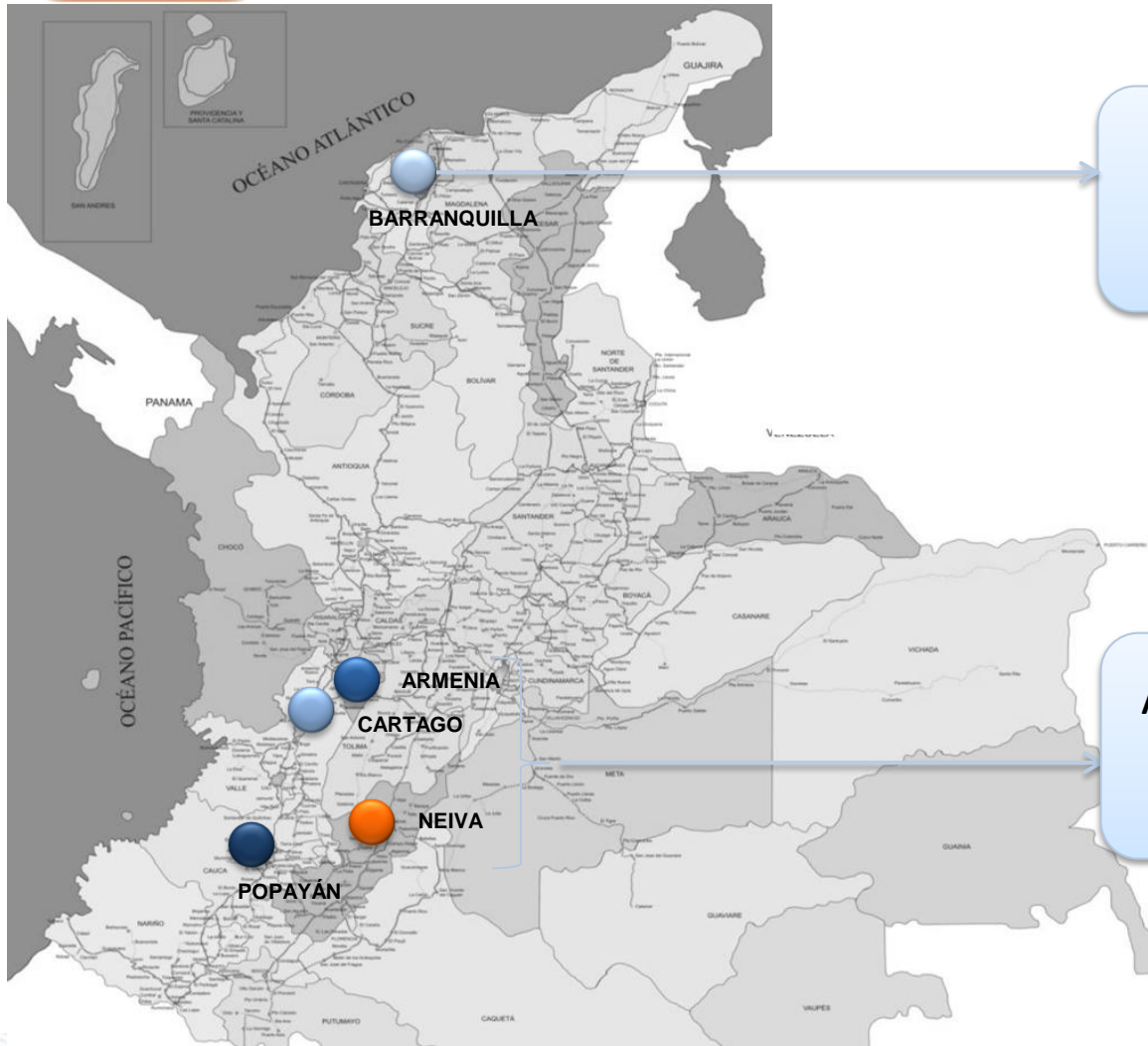




**Second channel dredging to 19 mts**  
Cartagena Bay  
2012-4Q

**Dredging to 16 mts**  
Buenaventura Bay  
2013-1Q

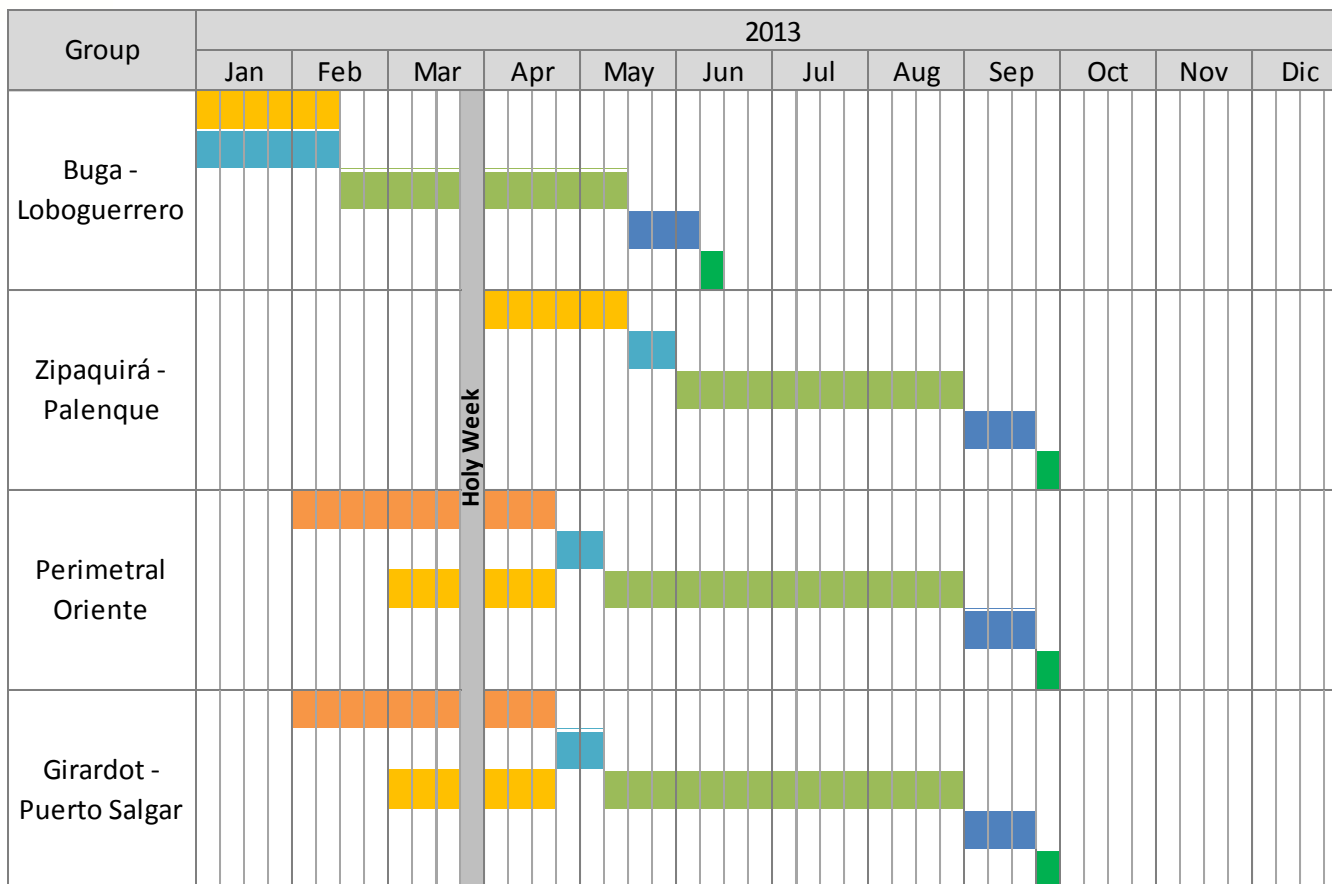




**BARRANQUILLA AIRPORT**  
2013-2Q

**ARMENIA, CARTAGO, NEIVA AND  
POPAYÁN AIRPORTS**  
2013-2Q

# Procurement schedule 2013



# Procurement schedule 2013

