



INFRASTRUCTURE

PROJECTS



Bogota Metro

First Line

Sponsor



Owner of the project



Advisory: Technical, financial
and legal Structuring

ESTIMATED AWARD
DATE

3Q/2019

ESTIMATED
INVESTMENT

USD\$ 4,374
Million

PAYMENT METHODS
THAT OPTIMIZE THE
COST

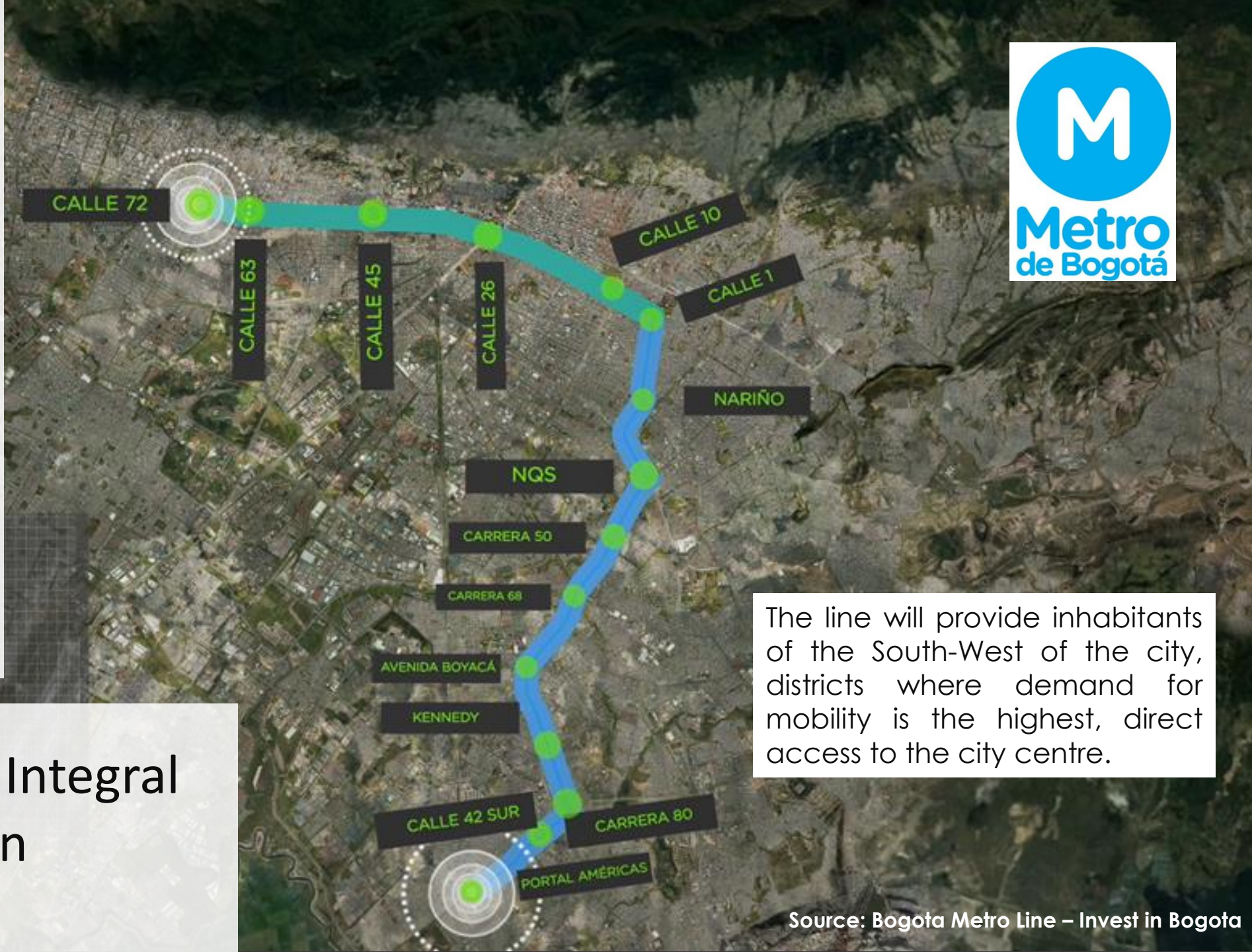
Elevated Metro System

75% for construction of Metro
25% for feeder system
(Transmilenio)

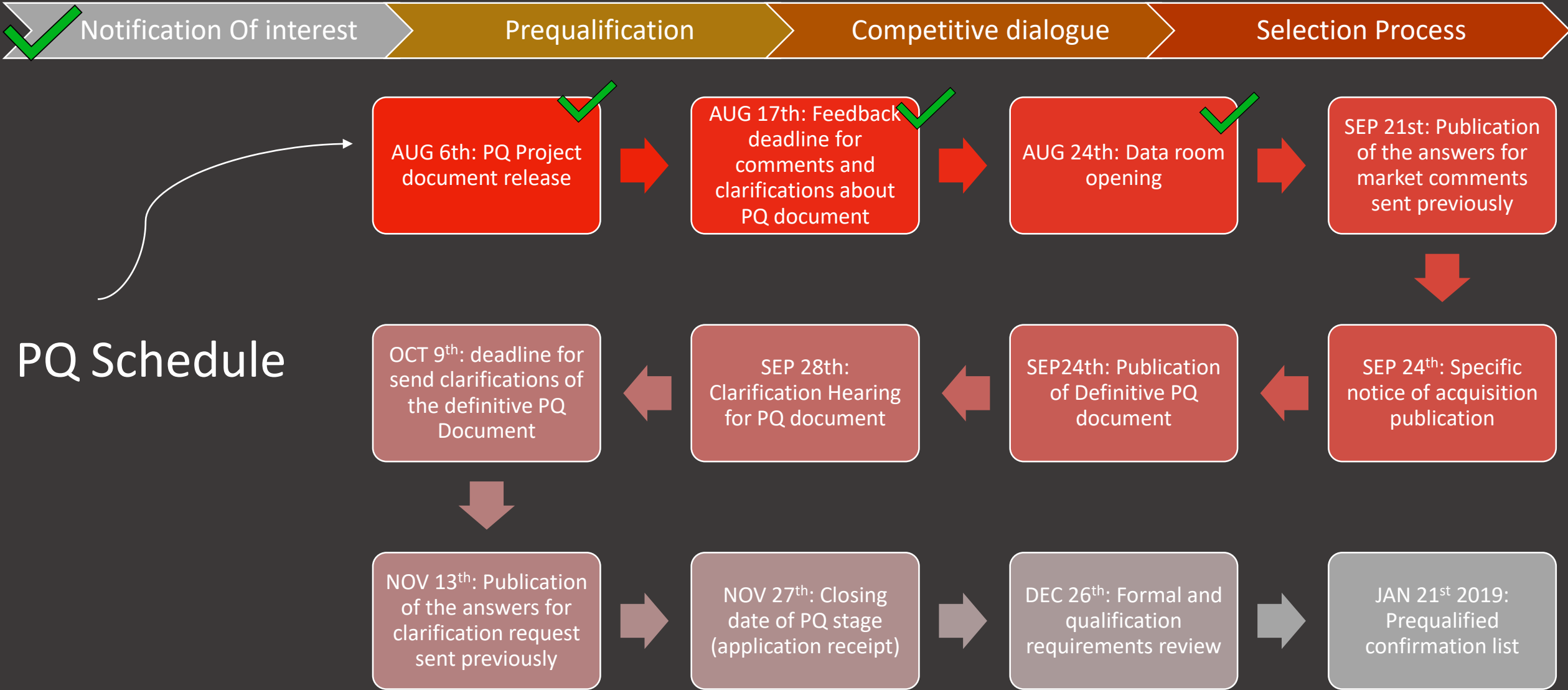
- Civil works with public credit (Multilateral banking and others)
- Rolling stock and system with dealer resources
- Operation with resources from Tariff

- ✓ **Mass Rapid Transit System:** U-shaped viaduct
- ✓ **Line length:** 26 km
- ✓ **N° of Stations:** 15 (10 connecting stations with BRT System)
- ✓ **Commercial speed:** 40 km/h
- ✓ **N° of train sets:** 23 start operation
- ✓ **100% Electric**

**Business Model: Integral
Concession**
(15 years)



Bogota Metro Line – Selection process





Regio Tram

Bogotá - Cundinamarca



ESTIMATED BIDDING
PROCESS

4Q/2019

- **Rolling Stock:** Tram-train-Citylink
- **Line length:** 3.9 km Urban area – 40.8 Km Metropolitan area
- **N° of Stations:** 18
- **Ridership: 2022:** 125.7 thousand /day

Empresa Férrea Regional



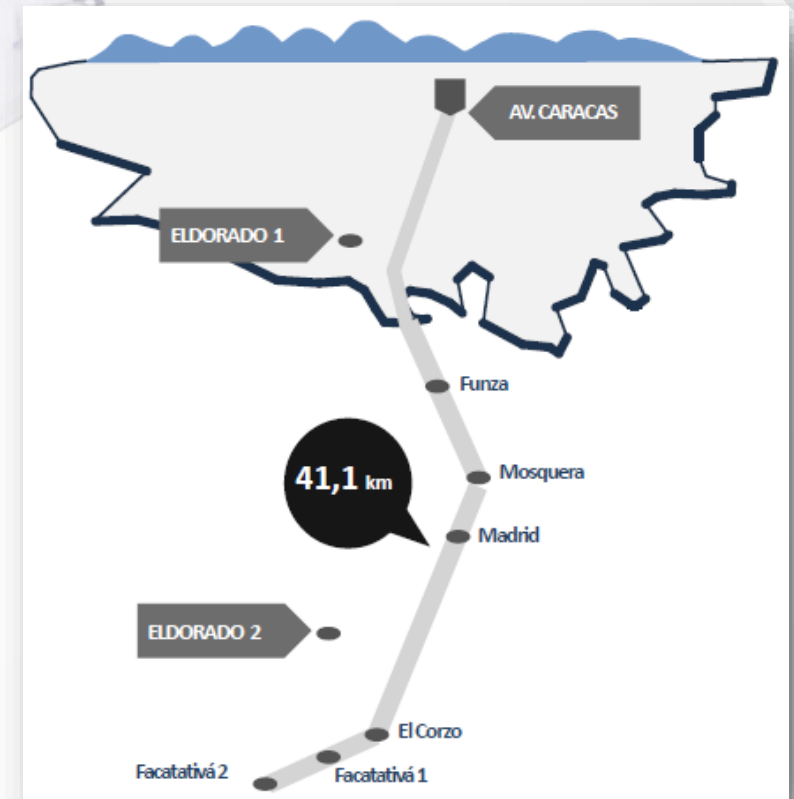
ESTIMATED
INVESTMENT

USD\$ 700
Million

- **US\$500 M:** Infrastructure
- **US\$200 M:** Rolling Stock

BUSINESS MODEL

- **Public Works:** Civil Works
- **PPP:** Rolling stock – O&M
Under structuring





“La Sabana” Airport

New terminal for Bogotá city



ESTIMATED BIDDING PROCESS

2Q/2019

ESTIMATED INVESTMENT

USD\$ 1.2
Billion

BUSINESS MODEL

PPP

- **1st cargo terminal** in Latin America. **3rd passenger airport** after São Paulo and Mexico City.

- Bogota is a **connection hub** for the 3 main Latin American airlines: Avianca, Latam and Copa Airlines.

- They expect to receive around 7.6 million passengers and **171,900 planes per year**.

- **First Phase:** includes control tower, cargo area, passenger terminal, runway and service areas.



APM Rionegro

Rionegro - Antioquia

- **Rolling Stock:** APM

- **Line length:** 17.56km

- **N° of Stations:** 14

- **Ridership:** 29,000 /day

**ESTIMATED BIDDING
PROCESS**

4Q/2019



**ESTIMATED
INVESTMENT**

**USD\$ 480
Million**

BUSINESS MODEL

PPP Scheme



WTP 'Canoas'

Water treatment plant for Bogotá



ESTIMATED BIDDING
PROCESS

2Q/2019

Payment methods that optimize
the cost:

- Maximum capacity: 38.5 m³/s

ESTIMATED
INVESTMENT

**USD\$ 1.5
Billion**

- Altitude of the pumping: 46 m

- National, regional and local involvement

- Location: Soacha (city next to Bogota)

BUSINESS MODEL

Concession

20 years

**It will benefit 70% of the population
Bogotá and Soacha**



PPP Magdalena River

Recover the navigability of Magdalena River

ESTIMATED BIDDING
PROCESS

To be define
2019

ESTIMATED
INVESTMENT

USD\$ 657
Million

BUSINESS MODEL

PPP

- Objective: Recoverability of the navigability of 908 km of the Magdalena River through a PPP.

- The project involves channeling, dredging and maintenance works of the river.

- The project has important benefits for the country, especially in regards to cost reduction of transportation and benefits for generating international trade.