



## Sao Paulo Metro Line 4 (PHASE 2) (P106390)

LATIN AMERICA AND CARIBBEAN | Brazil | Transport & Digital Development Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2010 | Seq No: 17 | ARCHIVED on 28-Feb-2018 | ISR31659 |

Implementing Agencies: SAO PAULO METRO, Sao Paulo Secretariat of Metropolitan Transport

## Key Dates

## Key Project Dates

Bank Approval Date:04-May-2010

Effectiveness Date:15-Dec-2010

Planned Mid Term Review Date:20-Mar-2013

Actual Mid-Term Review Date:22-Mar-2013

Original Closing Date:30-Jun-2014

Revised Closing Date:28-Feb-2018

## Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The objective is to improve the quality of service provided to the urban transport users in the area of influence of the new Line 4 stations and facilitate the integration between metro and bus at those stations.

Has the Project Development Objective been changed since Board Approval of the Project Objective?

Yes

Board Approved Revised Project Development Objective (If project is formally restructured)

The objective is to improve the quality of service provided to the urban transport users in the area of influence of the new Line 4 stations and facilitate the integration between metro and bus at those stations.

## Components

Name

Part A: Infrastructure and Equipment Investment:(Cost \$542.00 M)

Part B: Technical Assistance:(Cost \$34.40 M)

Technical Assistance:(Cost \$34.40 M)

## Overall Ratings

| Name                                 | Previous Rating           | Current Rating            |
|--------------------------------------|---------------------------|---------------------------|
| Progress towards achievement of PDO  | ● Moderately Satisfactory | ● Moderately Satisfactory |
| Overall Implementation Progress (IP) | ● Moderately Satisfactory | ● Moderately Satisfactory |
| Overall Risk Rating                  | ● Substantial             | ● Substantial             |



## Implementation Status and Key Decisions

The project was restructured in April 2016 to extend the Loan Closing Date from April 2016 to February 28, 2018. The main civil works contracts were terminated in September 2015 and SP Metro launched and completed a new international competitive bidding process. The works re-started in August 2016 at full force but have been slowing down at the tunnel and Vila Sonia station. At closing, the project completed 2 stations (Fradique Coutinho and Higienopolis-Mackenzie). Two stations are on track to be finished within the next 6 months. The PDO remains achievable and the project remains one of the top priorities of the Borrower. The remaining works in Line 4 will now be financed by the Line 5 Metro Project (P116170), which was restructured to include the remaining scope of the SP Metro Line 4 Project, which would not be fully covered by P106390 (Loan 7869-BR).



## Risks

### Systematic Operations Risk-rating Tool

| Risk Category                  | Rating at Approval | Previous Rating | Current Rating |
|--------------------------------|--------------------|-----------------|----------------|
| Political and Governance       | --                 | ● Moderate      | ● Moderate     |
| Macroeconomic                  | --                 | ● Moderate      | ● Moderate     |
| Sector Strategies and Policies | --                 | ● Moderate      | ● Moderate     |



|  |    |               |               |
|--|----|---------------|---------------|
| Technical Design of Project or Program                       | -- | ● Substantial | ● Substantial |
| Institutional Capacity for Implementation and Sustainability | -- | ● Moderate    | ● Moderate    |
| Fiduciary  | -- | ● Moderate    | ● Moderate    |
| Environment and Social                                       | -- | ● Moderate    | ● Moderate    |
| Stakeholders   | -- | ● Substantial | ● Substantial |
| Other  | -- | --            | --            |
| Overall  | -- | ● Substantial | ● Substantial |

## Results

### Project Development Objective Indicators

► Quality of service objective: Travel time plus average waiting time between pairs of stations (in minutes, at peak hour) (Minutes, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 55.00       | 49.00             | 40.00            | 40.00       |
| Date  | 30-Dec-2009 | 31-Jul-2017       | 31-Dec-2017      | 28-Feb-2018 |

▲ a. Vila Sonia - Luz (Minutes, Custom Breakdown)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 55.00       | 49.00             | 49.00            | 49.00       |
| Date  | 30-Dec-2009 | 31-Jul-2017       | 31-Dec-2017      | 28-Feb-2018 |

▷ b. Fradique Coutinho - Luz (Minutes, Custom Breakdown)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 26.00       | 9.00              | 11.00            | 11.00       |
| Date  | 30-Dec-2009 | 31-Jul-2017       | 31-Dec-2017      | 28-Feb-2018 |



▷ c. Higienopolis/Mackenzie - Luz (Minutes, Custom Breakdown)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 13.00       | 35.00             | 6.00             | 6.00        |
| Date  | 30-Dec-2009 | 31-Jul-2017       | 31-Jan-2018      | 28-Feb-2018 |

▶ Integration objective: Percentage of 5 new stations integrated with bus lines (Percentage, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 64.00             | 91.00            | 91.00       |
| Date  | 21-Dec-2009 | 31-Jul-2017       | 31-Jan-2018      | 28-Feb-2018 |

▶ Accessibility objective: Total annual passenger boardings in new stations (both directions, in millions) (Number, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 0.00              | 0.00             | 0.00        |
| Date  | 21-Dec-2009 | 31-Jul-2017       | 31-Jul-2017      | 28-Feb-2018 |

▲ b. Morumbi (Number, Custom Breakdown)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 0.00              | 0.00             | 8.50        |
| Date  | 30-Dec-2009 | 31-Jul-2017       | 31-Dec-2017      | 28-Feb-2018 |

▲ c. Fradique Coutinho (Number, Custom Breakdown)

|       | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|----------|-------------------|------------------|------------|
| Value | 0.00     | 5.30              | 5.20             | 3.90       |



|      |             |             |             |             |
|------|-------------|-------------|-------------|-------------|
| Date | 30-Dec-2009 | 31-Jul-2017 | 31-Dec-2017 | 28-Feb-2018 |
|------|-------------|-------------|-------------|-------------|

#### ▲ d. Oscar Freire (Number, Custom Breakdown)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 0.00              | 0.00             | 7.20        |
| Date  | 30-Dec-2009 | 31-Jul-2017       | 31-Jul-2017      | 28-Feb-2018 |

#### ▲ e. Higienopolis/Mackenzie (Number, Custom Breakdown)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 0.00              | 6.41             | 9.90        |
| Date  | 30-Dec-2009 | 31-Jul-2017       | 23-Feb-2018      | 28-Feb-2018 |

#### ▲ a. Vila Sonia (Number, Custom Breakdown)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 0.00              | 0.00             | 47.00       |
| Date  | 30-Dec-2009 | 31-Jul-2017       | 31-Dec-2017      | 28-Feb-2018 |

#### Overall Comments

Numbers for Higienopolis-Mackenzie only average working days since opening until February 20th (ca.1 month). The station is actually showing an average daily boarding of 21,000 passengers/day, an annualized value of 6.41 million passengers. This trend suggests it will reach its annual target, very encouraging after only one month in operation during summer holidays/carnival.

#### Intermediate Results Indicators



► Cumulative % of completion of Vila Sônia Tunnel (Number, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 19.00             | 31.00            | 77.00       |
| Date  | 21-Dec-2009 | 01-Aug-2017       | 09-Feb-2018      | 28-Feb-2018 |

► cumulative % of completion of Vila Sônia Station (Number, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 18.30             | 24.00            | 76.00       |
| Date  | 21-Dec-2009 | 01-Aug-2017       | 09-Feb-2018      | 28-Feb-2018 |

► cumulative % of completion of Vila Sônia yard (Number, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 66.90             | 76.00            | 100.00      |
| Date  | 21-Dec-2009 | 01-Aug-2017       | 09-Feb-2018      | 28-Feb-2018 |

► cumulative % of completion of existing stations (finalization) (Number, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 38.50             | 78.00            | 100.00      |
| Date  | 21-Dec-2009 | 30-Apr-2017       | 09-Feb-2018      | 28-Feb-2018 |




► cumulative % of completion of systems (Number, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 46.00             | 52.00            | 73.00       |
| Date  | 21-Dec-2009 | 31-Jul-2017       | 09-Feb-2018      | 28-Feb-2018 |

Overall Comments

### Data on Financial Performance

#### Disbursements (by loan)

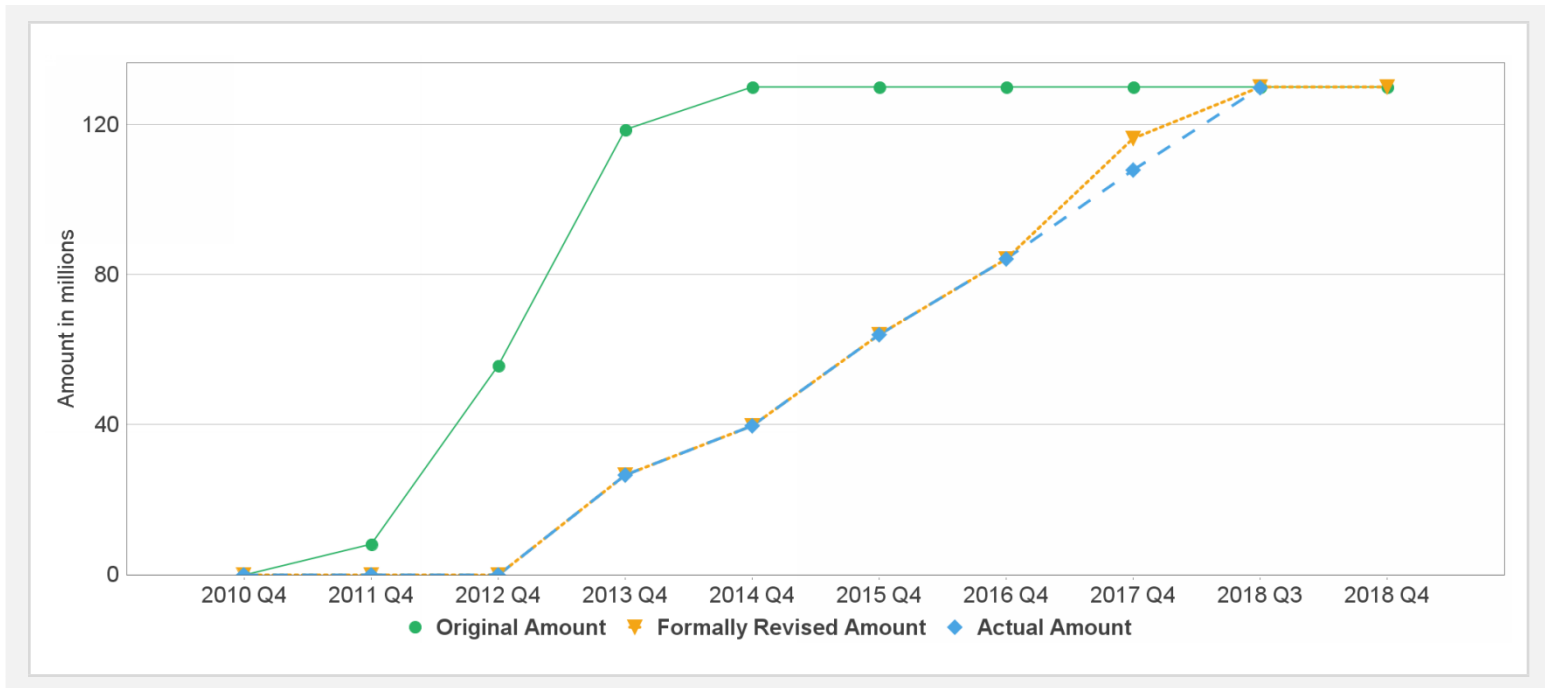
| Project | Loan/Credit/TF | Status | Currency | Original | Revised | Cancelled | Disbursed | Undisbursed | Disbursed  |
|---------|----------------|--------|----------|----------|---------|-----------|-----------|-------------|--|
| P106390 | IBRD-78690     | --     | USD      | 130.00   | 130.00  | 0.00      | 130.00    | 0.00        |  100% |

#### Key Dates (by loan)

| Project | Loan/Credit/TF | Status | Approval Date | Signing Date | Effectiveness Date | Orig. Closing Date | Rev. Closing Date |
|---------|----------------|--------|---------------|--------------|--------------------|--------------------|-------------------|
| P106390 | IBRD-78690     | --     | 04-May-2010   | 27-Sep-2010  | 15-Dec-2010        | 30-Jun-2014        | 28-Feb-2018       |

#### Cumulative Disbursements





## Restructuring History

Level 2 Approved on 28-May-2014 ,Level 2 Approved on 29-Apr-2016

## Related Project(s)

There are no related projects.