The tunnel is a Metro Line extension under city of Sao Paulo. The project set high requirements of safety and quality. Therefore VMT provides the technology for navigation and information system.

Sao Paulo, Brazil
Metro Line 5 Lote 7

| Project Start | 2013 |
| Contractor    | Odebrecht |

**Navigation System**
- TUnIS Navigation TBM Laser
- Herrenknecht / EPB Shield
- Diameter 10,54 m
- Tunnel Length 4,800 m

**Manage Information**
- TUnIS Navigation Office
- IRIS.tunnelviewer

**Service Precision**
- Ring Sequence Calculation
- Alignment Calculation
- TBM Survey in Factory