



# GLOBAL METRO PROJECTS REPORT 2018

The continued growth of the metrorail sector across the world has reinforced its role in urban transportation and boosted the order book of many construction contractors and equipment suppliers. The sector has benefited from favourable government policies, public investment and recognition as the mode of choice for transport authorities interested in providing sustainable urban mobility solutions for Smart Cities.

The industry has many opportunities because the existing lines and rolling stock need renewal and upgrade; there is a strong pipeline of projects which are in approval or planning phase and new business segments such as asset management, support for complex construction and operations planning have opened up in the services sector.

Transport authorities are keen to improve service reliability, operations efficiency and environmental sustainability of the existing metrorail systems as well as lower costs and implementation timelines of upcoming systems. New technology has enabled greater engagement with the customers through integrated electronic ticketing and Wi-Fi, demand-based and flexible service for crowd management, real-time passenger alerts, low downtime due to predictive maintenance and increased lifespan of assets. The transport authorities adopting best practices in these areas receive the benefits of enhanced image and high ridership.

The **Global Metro Projects Report 2018** assesses the current metrorail sector and identifies upcoming opportunities. It provides updated information on 100 metro projects from 52 countries representing over 80 per cent of the world's gross domestic product. The report is comprehensive in its coverage of opportunities in the development of new lines, extension and upgrades of existing lines, rolling stock procurement and refurbishment, power and communication systems upgrades, fare systems, as well as station construction and refurbishment.

The report is available in PDF format with MS Excel database.

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## PART 3: PROFILES OF 100 ADDITIONAL UPCOMING PROJECTS (MS EXCEL DATABASE)

Each project profile provides information on:

- Key players
- Type of line (elevated, at-grade, underground, mixed)
- Planned route
- Planned number of stations
- Location/names of stations
- Estimated investment
- Sources of funds
- Current stage
- Expected opening
- Expected ridership
- Design service frequency
- Fare system
- Rolling stock and technology
- Recent contracts and open tenders
- Key contacts

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## Sources and Methodology

**Global Mass Transit Research's** industry analysts have utilised primary and secondary research sources in preparing this report. Primary sources include information obtained through telephone interviews and emails from public transport authorities, operators and regulators. Secondary sources include, but are not limited to, project websites and status reports; websites, annual reports, capital programmes and financial reports of transport authorities and operators; documentation provided by relevant financing institutions; investor presentations; analyst reports; government plans and documents; websites of ministries and regulators; websites of industry associations; internal and external proprietary databases; news articles; and press release reports. Wherever applicable, research sources are cited within the report.

Our analysts and researchers have combined the information from these primary and secondary sources with their industry expertise to synthesise the qualitative and quantitative analysis presented in this report. In cases where data was not available, we have used the estimates from authentic published reports or press releases.

Great care has been taken to ensure that all analysis is supported by facts. In situations where facts were not available and assumptions were made to conduct analysis, we have explained our assumptions and our methods of estimation.

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