



500 GLOBAL URBAN RAIL PROJECTS DATABASE 2017

The recent decades have witnessed significant investment in urban rail systems. This trend is expected to continue at least up to 2050. Urban population continues to grow and rail-based public transport systems are offering a sustainable solution for meeting the increasing mobility demand.

Urban rail systems combine flexibly with other modes of travel to reduce congestion, lower pollution levels, improve passenger safety and stimulate the economy. The extension of existing urban rail systems and development of new systems benefit communities and provide many attractive opportunities for the government and the industry.

Global Mass Transit Research has just released a database with up-to-date information on 500 urban rail projects from across the world. The report comprises a PDF document and a Microsoft Excel database.

The database will be updated regularly. A quarterly report on new developments in the projects will be sent to the subscribers at the end of every quarter. In future, the database will also be available online.

There are two distinct sections.

Part 1 comprises a PDF document of 66 pages. It includes an analysis of the projects based on geographic region (North America, Latin America, Asia, Europe, the Middle East and Africa), development stage (planned, in procurement, or under construction), mode (light-rail, tram, monorail, automated people mover [APM], metrorail, subway, rapid transit, airport rail link [ARL], commuter rail), and type of project (new line of an existing system, extension of existing line, or new system).

Part 2 includes the Microsoft Excel file. It provides detailed and up-to-date information on each project, including developer/operator, expected opening, capital cost, sources of funds, key contractors, line length, route, stations, connections with other public transport modes, expected ridership and service frequency, fare system, rolling stock, track, power, signalling technology, and contact person/organisation for the project. There are separate Excel workbooks for each of the five geographic regions.

The database will be useful to organisations interested in urban railways-government agencies, transport authorities, operators, service and technology providers, equipment manufacturers and suppliers, EPC contractors, investors/lenders, research organisations, industry consultants, regulatory agencies, development institutions, etc.

Published by

Global Mass Transit

Mobile: +1 905 228 6419, Email: yasmeen.chopra@globalmasstransit.net

Website: www.globalmasstransit.net

Table of Contents

PART 1: ANALYSIS OF GLOBAL RAIL PROJECTS	1.8	Analysis of projects by cost	2.3.11	Pakistan	
1.1	Overview	1.8.1	Introduction	2.3.12	Philippines
1.2	Analysis of projects by region	1.8.2	Projects with costs less than USD 500 million	2.3.13	Singapore
1.2.1	Introduction	1.8.3	Projects with costs between USD 500 million and USD 1 billion	2.3.14	South Korea
1.2.2	Projects in North America	1.8.4	Projects with costs between USD 1 billion and USD2 billion	2.3.15	Taiwan
1.2.3	Projects in Latin America	1.8.5	Projects with costs over USD 2 billion	2.3.16	Thailand
1.2.4	Projects in Asia Pacific	1.9	Analysis of projects by type of developer	2.3.17	Vietnam
1.2.5	Projects in Europe	1.9.1	Projects being developed by private developers, PPPs	2.4	Europe
1.2.6	Projects in Middle East and Africa	1.9.2	Projects being developed by government	2.4.1	Austria
1.3	Analysis of projects by type	1.9.3	Analysis of projects by type of funding	2.4.2	Belgium
1.3.1	Introduction	PART 2: PROJECT PROFILES (Excel Database)		2.4.3	Bulgaria
1.3.2	Metrorail/subway/rapid transit /light metro projects	2.1	North America	2.4.4	Czech Republic
1.3.3	Light rail/streetcar/tram projects	2.1.1	Canada	2.4.5	Denmark
1.3.4	Monorail/APM/ARL/Other projects	2.1.2	United States	2.4.6	Finland
1.4	Analysis of projects by type	2.2	Latin America	2.4.7	France
1.4.1	Introduction	2.2.1	Argentina	2.4.8	Germany
1.4.2	Projects under planning	2.2.2	Bolivia	2.4.9	Greece
1.4.3	Projects under construction	2.2.3	Brazil	2.4.10	Hungary
1.4.4	Projects under procurement	2.2.4	Chile	2.4.11	Ireland
1.5	Analysis of fare system, rolling stock and technology	2.2.5	Colombia	2.4.12	Italy
1.5.1	Analysis of fare systems	2.2.6	Ecuador	2.4.13	Netherlands
1.5.2	Analysis of rolling stock	2.2.7	Mexico	2.4.14	Norway
1.5.3	Analysis of signaling and communications technology	2.2.8	Panama, Republic of	2.4.15	Poland
1.6	Analysis of projects by alignment	2.2.9	Peru	2.4.16	Romania
1.6.1	Elevated rail projects	2.3	Asia Pacific	2.4.17	Russia
1.6.2	Underground rail projects	2.3.1	Australia	2.4.18	Spain
1.6.3	At-grade rail projects	2.3.2	Azerbaijan	2.4.19	Sweden
1.6.4	Top five projects by alignment	2.3.3	Bangladesh	2.4.20	Turkey
1.7	Analysis of projects by expected completion	2.3.4	China	2.4.21	United Kingdom
1.7.1	Introduction	2.3.5	India	2.5	Middle East and Africa
1.7.2	Projects expected to be completed by 2020	2.3.6	Indonesia	2.5.1	Algeria
1.7.3	Projects expected to be completed between 2020 and 2030	2.3.7	Japan	2.5.2	Bahrain
1.7.4	Projects expected to be completed beyond 2030	2.3.8	Kazakhstan	2.5.3	Egypt
		2.3.9	Malaysia	2.5.4	Iran
		2.3.10	New Zealand	2.5.5	Israel
				2.5.6	Qatar
				2.5.7	Saudi Arabia
				2.5.8	United Arab Emirates

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.

Global Mass Transit Research takes every possible care to provide information using resources it believes are most accurate and reliable. It, however, shall not be liable for losses or consequences, if any, arising from the use of the information contained in the document.

About the Publishers

Global Mass Transit Research is a leading provider of information and analysis on the global mass transit industry. It publishes the **Global Mass Transit Report** (a monthly newsletter) and **Global Mass Transit Weekly** (a weekly update). It also operates the www.globalmasstransit.net website.

Through these products, it provides information on all key developments, trends and issues in the sector; tracks major projects, contracts and investments; profiles leading mass transit authorities/operators and discusses their strategies; reports on regulatory initiatives and examines their implementation; provides the latest available data and statistics; and features views and perspectives of experts and top industry players.

Our Clients

Our clients include leading global organisations such as **Accenture, Acciona Infrastructures, Acciona Ingeniería, AECOM, Agence métropolitaine de transport (AMT), Ansaldo STS, AnsaldoBreda SPA, Arriva PLC, Ashok Leyland, Automatic Systems, BAE Systems, Bombardier Transportation, CAF, Central Institute of Road Transport (India), Citadel Capital, City Group Co. K.S.C., CJSC Transmashholdings, Clever Devices, Confidex Ltd, Corredor Insurgentes SA de CV (CISA), DB Stadtverkehr GmbH, Emco Wheaton, Enthoven Associates, Epsilon Delta Pty Ltd, European Bank for Reconstruction and Development, EvoBus GmbH, GFI Genfare, Giesecke & Devrient GmbH, Halcrow International Partnership, Harrington-Hughes & Associates, Höft & Wessel AG, HOK, HÜBNER GmbH & Co. KG, IE Singapore, IMG Consulting, INIT AG, Institute of Transport and Logistics Studies (ITLS), IVU Traffic Technologies AG, Keolis, Knorr-Bremse SFS GmbH, Korea Smart Card, KPMG, L&T Metro Rail (Hyderabad) Limited, Land Transport Authority, Luminator, Lumiplan, Metropolitana Milanese SpA, Mobitec, Nokia, Nomad Digital, NXP Semiconductors, Opentide Korea, OTN Systems, Parker Hannifin Corporation, Pöyry PLC, Pradonet Sdn Bhd, PricewaterhouseCoopers, Public Transport Services (Adelaide Metro), Qnamic AG, RATP, Ringrollers a division of DCD DORBYL (Pty) Ltd., Rogers Corporation, Roland Berger Strategy Consultants, SAHA International, Selectron Systems AG, Selex ES - A Finmeccanica Company, Serco, Sesame, Siemens, SNC-Lavalin, Sojitz Corporation, Solaris Bus & Coach SA, Swissrail, Tait Radio Communications, Tata Realty and Infrastructure Limited, TCRP International Transit Studies Program, Technatomy Corporation, TEMSA Europe NV, Thales Rail Signalling Solutions, Thetis SpA, Traktionssysteme Austria, Transit Systems, Trapeze Group, TE Connectivity, Unipart Rail, Urban Mass transit, VDV eTicket Service GmbH & Co. KG, Veolia Transdev, Volvo Bus Corporation, Vossloh España, S.A., Wilson Ihrig & Associates, WorleyParsons, ZF Friedrichshafen AG, etc.**

Order Form

- Yes, I would like to purchase the "500 Global Urban Rail Projects Database 2017" report for USD 4,500 in PDF format
- Yes, I would like to purchase the "500 Global Urban Rail Projects Database 2017" report for USD 4,000 (Special Offer for Public Transport Authorities/Agencies) in PDF format

Name (Block Letters) _____

Designation _____

Company _____

Mailing Address _____

Telephone _____ Mobile _____

Fax _____

E-mail _____

Payment Options

1. Credit card:

a) **Visa/MasterCard:** To make payments with Visa/MasterCard, please visit http://www.globalmasstransit.net/report_shopping_cart.php

b) **American Express:** To make payments with American Express card, please visit http://www.globalmasstransit.net/amex_form_report.doc
Please download the AmEx authorisation form from the above link and email the completed form to report@globalmasstransit.net

All credit card payments will be subject to standard credit card charges.

2. Wire transfer:

Beneficiary : India Infrastructure Publishing Private Limited
Bank Name : The Hongkong and Shanghai Banking Corporation Ltd
Bank Address : R-47, Greater Kailash-1, New Delhi-110048, India
Account No. : 094179587002
Swift Code : HSBCINBB

Global Mass Transit is a division of India Infrastructure Publishing Private Limited.

Terms and conditions:

Full payment must be received prior to the purchase. The exchange rate prevailing at the time of purchase will be applicable.

Contact Details

Yasmeen Chopra
Global Mass Transit
Mobile: +1 905 228 6419
Email: yasmeen.chopra@globalmasstransit.net
Website: www.globalmasstransit.net