





## **UPCOMING RAIL PROJECTS REPORT AND DATABASE IN EUROPE, 2023**

Global Mass Transit has launched the 2023 edition of the Upcoming Rail Projects Report and Database in Europe Report, which will provide detailed information on more than 300 projects in 25 countries.

Global Mass Transit has been tracking the progress and launch of rail projects globally since 2009.

### The report package comprises:

- A master dataset of more than 300 projects (Excel format)
- An executive summary and analysis of opportunities and investments (PPT format)
- A weekly rail tenders subscription (PDF format, 52 newsletters)
- A weekly rail newsletter subscription (PDF format, 52 newsletters)

The Excel database will provide detailed and up-to-date project profiles							
- Project developer	- No. of stations	- Timelines (expected tenders, expected project					
- Project operator	- No. of elevated and underground stations	awards, construction, etc)					
- Mode (metrorail, MRT, subway, rapid transit, light	- Station locations	- Key consultants - Key contractors					
metro, light rail, streetcar, tram, HSR, commuter rail,	- Expected ridership						
suburban rail, monorail, APM, ARL)	- Current stage of the project (planned/announced,	- Connections with other public transport modes					
- Project type (new or extension)	design, under procurement, pre-construction,	- Planned fare system					
- Project cost	construction contracts awarded, and under	- Planned rolling stock and rail systems (track, power,					
- Sources of funds	construction)	signalling)					
- Network length	- Details of the current stage of the project	- Additional information					
- Alignment (underground, elevated or at-grade)	- Expected opening	- Key contact person for the project					
- Route							

The executive summary and analysis of opportunities and investments (in PPT format) will examine the opportunities in terms of mode (metrorail, subway, light rail, tram, commuter rail, suburban rail, high speed rail, monorail, rapid transit, airport rail link, passenger rail, automated people mover), development stage (planned/announced, design, under procurement, pre-construction, construction contracts awarded, and under construction), alignment (elevated, underground, atgrade), expected completion (by 2027, between 2028-2032, beyond 2032), cost (less than USD1 billion, between USD1 billion and USD3 billion, over USD3 billion, over USD5 billion), rail systems (fare system, rolling stock, signaling and communications technology, and track and power), planned investments, and market opportunities for consulting, construction, supply of rolling stock, fare systems and signalling. This section will also provide information on investment trends and new funding sources, growth drivers, key high-investment projects, recent developments, and risks and challenges.

The third element in the report package is a weekly rail tenders subscription, delivered to your inbox in a PDF format, with details of tenders announced that week. The fourth element in the package is a weekly rail newsletter subscription, delivered to your inbox in a PDF format, latest developments from across the world.

The report is expected to be released by November 2023.

The report is priced at USD2,500. There are also special 'early bird' discounts — the price is USD1,875 for orders and payments received on or before September 15, 2023 and USD2,185 for orders and payments received on or before October 20, 2023.

To order the report, please contact:

Nishchay Gandhi, Global Mass Transit

Mobile: +44 117 318 5284

E-mail: nishchay.gandhi@globalmasstransit.net | Website: www.globalmasstransit.net

# Table of Contents (Draft)

PART 1: RAIL PROJECTS OPPORTUNITIES AND INVESTMENTS		1.7	Analysis of rail systems		
		1.7.1	Analysis of fare system		
1.1	Market Overview and Growth Dynamics	1.7.2	Analysis of rolling stock		
1.1.1	Executive summary	1.7.3	Analysis of signaling and communications technology		
1.1.2	Growth drivers				
1.1.3	Key trends in railway projects	1.8	Planned investment and market opportunities		
1.1.4	Recent developments (projects, announcements, tenders, plans, contracts)	1.8.1	New build projects		
1.1.5	Planned investments	1.8.2	Network expansion		
1.1.6	High investment projects (USD5 billion+, USD2-5 billion)	1.8.3	Rolling stock		
1.1.7	Funding and financing	1.8.4	STT systems		
1.1.8	Market opportunities	1.8.5	Fare systems		
1.1.9	Risks and challenges				
1.1.10	The way forward		PART 2: PROJECT PROFILES- LIST OF COUNTRIES		
		•	Andorra		
1.2	Analysis of projects by type	•	Belgium		
1.2.1	Metrorail/Subway/Rapid transit /Light metro	•	Bulgaria		
1.2.2	Light rail/Streetcar/Tram	•	Czech Republic		
1.2.3	Monorail/APM/ARL/Other	•	Denmark		
1.2.4	Commuter rail/ Suburban rail	•	Estonia		
1.2.5	High speed rail	•	Finland		
1.2.6	Inter-city/Inter-country/Passenger rail	•	France		
		•	Germany		
1.3	Analysis of projects by status	•	Greece		
1.3.1	Projects under planned/announced	•	Ireland		
1.3.2	Projects under design	•	Italy		
1.3.3	Projects under procurement	•	Latvia		
1.3.4	Projects under pre-construction	•	Lithuania		
1.3.5	Projects under construction contracts awarded	•	Malta		
1.3.6	Projects under construction	•	Norway		
		•	Poland		
1.4	Analysis of projects by alignment	•	Portugal		
1.4.1	Elevated rail projects	•	Romania		
1.4.2	Underground rail projects	•	Russia		
1.4.3	At-grade rail projects	•	Serbia		
		•	Spain		
1.5	Analysis of projects by expected completion	•	Sweden		
1.5.1	Projects expected to be completed by 2027	•	Turkey		
1.5.2	Projects expected to be completed between 2028 and 2032	•	United Kingdom		
1.5.3	Projects expected to be completed beyond 2032				
1.6	Analysis of projects by cost				

Projects with cost less than USD1 billion

Projects with cost over USD5 billion

Projects with cost between USD1 billion and USD3 billion

Projects with cost between USD3 billion and USD5 billion

1.6.2

1.6.3

1.6.4

## Sources and Methodology

Global Mass Transit Research's industry analysts have used various primary and secondary sources in preparing this report.

Primary sources include data and statistics obtained through interactions over the telephone and through emails.

Extensive secondary research has also been conducted by the industry analysts. These secondary sources include, but are not limited to: websites of developers and operators; annual reports; investor presentations; analyst reports; government documents, plans and statistical databases; websites of relevant ministries and regulators; websites of relevant industry associations; internal and external proprietary databases; and news articles and press reports. Wherever applicable, all research sources have been cited appropriately in the report.

The finding of these primary and secondary sources, combined with our industry expertise, have been synthesised into the qualitative and quantitative analyses presented in this report.

Great care has been taken to ensure that the analysis presented in this report is well supported by facts. Where facts were not available and assumptions were made, we have listed our assumptions.

**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 Transmasholdings, 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**

Format (PDF)	Price on or before September 15, 2023	Price on or before October 20, 2023	Price after October 20, 2023
Upcoming Rail Projects Report and Database in Europe, 2023 edition	☐ USD1,875	USD2,185	☐ USD2,500
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 <a href="http://www.globalmasstransit.net/amex\_form\_report.doc">http://www.globalmasstransit.net/amex\_form\_report.doc</a> 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**

Nishchay Gandhi, Global Mass Transit

Mobile: +44 117 318 5284

E-mail: nishchay.gandhi@globalmasstransit.net