

Bus Rapid Transit (BRT) Market Forecasts to 2032 – Global Analysis By System Type (Dedicated Busways, Mixed Traffic BRT, Bus Priority Lanes, and Other System Types), Component, Propulsion Type, Service Type, Application, End User and By Geography

<https://marketpublishers.com/r/BC16964AB79EEN.html>

Date: January 2026

Pages: 200

Price: US\$ 4,150.00 (Single User License)

ID: BC16964AB79EEN

Abstracts

According to Statistics MRC, the Global Bus Rapid Transit (BRT) Market is accounted for \$2.45 billion in 2025 and is expected to reach \$4.88 billion by 2032 growing at a CAGR of 10.3% during the forecast period. Bus Rapid Transit (BRT) is an advanced urban transit solution that provides swift, dependable, and economical bus services. It merges the adaptability of standard bus operations with the efficiency and speed of rail transit. Key elements include exclusive bus lanes, signal priority at junctions, contemporary stations, and pre-paid ticketing to cut waiting times. By boosting travel efficiency, increasing service intervals, and improving passenger experience, BRT encourages greater public transport adoption, alleviates road congestion, and contributes to reducing pollution in cities.

According to IEA, in the underlying bus market, electric bus sales grew 30% in 2024 to greater than 70,000 units, with China's share falling to less than 70% as other regions accelerate; in Europe, nearly half of all new city buses were battery electric in 2024.

Market Dynamics:

Driver:

Rising traffic congestion

Rapid urbanization and increasing private vehicle ownership are placing immense

pressure on existing road infrastructure. Cities are facing longer commute times, higher fuel consumption, and increased productivity losses due to traffic bottlenecks. BRT systems offer dedicated lanes, priority signaling, and high-capacity buses that improve travel speed and reliability. Governments are increasingly promoting BRT as a cost-effective alternative to metro rail projects. The flexibility of BRT corridors allows faster deployment compared to rail-based systems. As cities seek scalable mobility solutions, BRT adoption continues to gain momentum.

Restraint:

Land acquisition challenges

Securing continuous right-of-way for dedicated bus lanes often involves relocating utilities and existing structures. Legal disputes, compensation issues, and resistance from local communities frequently delay project execution. In older cities, limited road width restricts the feasibility of segregated BRT lanes. Coordination among multiple government agencies further complicates land procurement processes. Rising land costs significantly increase overall project expenditures. These challenges can slow implementation timelines and limit BRT network expansion.

Opportunity:

Integration with smart city tech

Intelligent transport systems such as real-time passenger information, automated fare collection, and traffic signal prioritization enhance service efficiency. Data-driven fleet management enables operators to optimize routes, schedules, and fuel consumption. Smart surveillance and AI-based monitoring improve passenger safety and operational transparency. Integration with multimodal mobility platforms allows seamless connectivity with metro, cycling, and shared mobility services. Governments are increasingly funding digital infrastructure as part of urban mobility modernization programs. These advancements are positioning BRT as a technologically advanced public transport solution.

Threat:

Competition from rail & micro-mobility

Metro and light rail projects often attract higher political and public support due to

perceived long-term capacity advantages. At the same time, shared bicycles, e-scooters, and electric mopeds are gaining popularity for short-distance travel. Micro-mobility options offer flexibility and convenience, reducing dependence on bus-based transit for last-mile connectivity. In some cities, funding priorities are shifting toward rail electrification and autonomous mobility solutions. Public preference for premium transit modes can limit BRT ridership growth. These competitive pressures may impact future BRT investments.

Covid-19 Impact:

The COVID-19 pandemic significantly disrupted BRT operations due to mobility restrictions and reduced commuter volumes. Lockdowns and remote working practices led to sharp declines in public transport ridership worldwide. Revenue losses affected the financial sustainability of many BRT operators. However, the pandemic also emphasized the need for resilient and flexible transport systems. Authorities introduced contactless ticketing, enhanced sanitation, and passenger density monitoring across BRT networks. Fleet electrification and automation gained attention as long-term recovery strategies. Post-pandemic planning now focuses on safety, digitalization, and operational efficiency in BRT systems.

The dedicated busways segment is expected to be the largest during the forecast period

The dedicated busways segment is expected to account for the largest market share during the forecast period, due to its operational efficiency. Exclusive lanes enable buses to bypass traffic congestion, ensuring faster and more reliable travel times. This infrastructure significantly improves service punctuality and passenger satisfaction. Dedicated busways also allow higher passenger throughput compared to mixed-traffic corridors. Governments favor this segment as it delivers metro-like performance at a lower capital cost. Enhanced safety and reduced accident risks further support adoption.

The airport transit segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the airport transit segment is predicted to witness the highest growth rate, due to increasing air passenger traffic. Airports require reliable, high-capacity ground transportation to manage growing traveler volumes efficiently. BRT systems provide a cost-effective alternative to rail links between airports and city

centers. Dedicated airport BRT routes offer predictable travel times and improved luggage handling features. Sustainability goals are also encouraging electric and hybrid BRT fleets for airport transit. Expansion of international airports in emerging economies is driving new BRT connectivity projects.

Region with largest share:

During the forecast period, the Asia Pacific region is expected to hold the largest market share, due to rapid urban expansion. Countries such as China, India, and Indonesia are investing heavily in mass transit infrastructure. High population density and growing commuter demand are accelerating BRT adoption across major cities. Governments are prioritizing cost-efficient transport solutions to address congestion and emissions. International development agencies are supporting BRT projects through funding and technical assistance. The region also benefits from lower construction costs compared to developed markets.

Region with highest CAGR:

Over the forecast period, the Europe region is anticipated to exhibit the highest CAGR, driven by sustainability-focused transport policies. European cities are aggressively reducing carbon emissions and discouraging private vehicle usage. BRT systems align well with low-emission zones and clean mobility initiatives. Investments in electric buses and hydrogen-powered fleets are strengthening BRT appeal. Integration with smart ticketing and multimodal transport hubs enhances passenger convenience. Urban regeneration projects are incorporating BRT as a core mobility solution.

Key players in the market

Some of the key players in Bus Rapid Transit (BRT) Market include Volvo Group, Higer Bus Company Limited, Daimler AG, Iveco Bus, Scania AB, Alexander Dennis Limited, MAN Truck & Bus SE, New Flyer Industries, Ashok Leyland, Solaris Bus & Coach, Tata Motors, King Long United Automotive Industry Co., Ltd., BYD Company Ltd., Marcopolo S.A., and Zhengzhou Yutong Bus Co., Ltd.

Key Developments:

In November 2025, Volkswagen Group Logistics and MAN Truck & Bus want to jointly drive forward the electrification of road freight transport. To this end, the two companies invited international logistics companies, charging park operators, charging station

manufacturers and customers with experience in operating eTrucks to the MAN Truck Forum on 5 November this year.

In September 2025, Alexander Dennis, a subsidiary of NFI Group Inc., a leader in propulsion-agnostic bus and coach mobility solutions, today announced that it has supplied three new Enviro200 to South Wales family business Phil Anslow & Sons Coaches. The three new low-emission buses have launched the operator's new X3 route on 1st September. Provided in partnership with Blaenau Gwent Council and operating between Brynmawr and Ebbw Vale, this new service creates a new hourly link for communities across the region to help connect people with work, education, leisure and healthcare.

System Types Covered:

Dedicated Busways

Mixed Traffic BRT

Bus Priority Lanes

Other System Types

Components Covered:

Infrastructure

Rolling Stock

Operations & Services

Propulsion Types Covered:

Diesel

Electric

Hybrid

CNG/LNG

Hydrogen Fuel Cell

Service Types Covered:

Feeder Services

Main Corridor Services

Express Services

Last-Mile Connectivity Services

Applications Covered:

Urban Transportation

Suburban Transit

Regional Connectivity

Airport Transit

Student/Workforce Mobility Solutions

Other Applications

End Users Covered:

Public Transit Authorities

Private Operators

PPP Operators

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

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All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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