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Smart Mobility Market Forecasts to 2034 – Global Analysis By Solution (Ride-sharing, Car-sharing, Mobility-as-a-Service (MaaS) and Smart Traffic & Parking Management), Transportation Mode, Technology, End User and By Geography

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Abstracts

According to Stratistics MRC, the Global Smart Mobility Market is accounted for $70.1 billion in 2026 and is expected to reach $214.4 billion by 2034 growing at a CAGR of 15.0% during the forecast period. Smart mobility encompasses the use of digital technologies, data-driven insights, and eco-friendly approaches to transform mobility systems for better performance, safety, and convenience. It involves developments like networked vehicles, ride-sharing platforms, smart traffic control, and electric mobility options. Through continuous data exchange and connected platforms, it minimizes traffic delays, reduces pollution, and improves access to services. It also aids city development by maximizing infrastructure efficiency and encouraging integrated transport solutions. Ultimately, smart transportation is essential for creating sustainable, resilient, and modern urban environments that support expanding populations and economic growth effectively while enhancing overall living standards for people across regions.

According to the International Energy Agency, Global electric car sales exceeded 10 million in 2022, accounting for 14% of all new cars sold worldwide. China represented nearly 60% of global EV sales, while Europe was the second-largest market with more than 1 in 5 cars sold being electric.

Market Dynamics:

Driver:

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Growing urbanization and traffic congestion

The expansion of urban populations is creating immense pressure on existing transportation systems, leading to severe congestion and inefficiencies. As cities grow, conventional mobility solutions struggle to meet rising demand. Advanced smart mobility technologies, including real-time traffic monitoring, ride-sharing services, and data-driven planning tools, help address these challenges by improving traffic movement and reducing delays. Authorities are actively implementing these solutions to enhance travel efficiency, minimize environmental damage, and support better urban living. The continuous increase in urban density is therefore a key factor accelerating the adoption of innovative and intelligent transportation systems worldwide.

Restraint:

High initial investment and infrastructure costs

Implementing smart mobility systems involves substantial financial investment in modern infrastructure such as connected devices, digital networks, electric charging points, and smart traffic solutions. Many urban areas, particularly in emerging economies, struggle with limited funding, making adoption difficult. Integrating advanced technologies with outdated systems also raises expenses and technical challenges. Ongoing maintenance and system upgrades add to the financial burden over time. These cost-related challenges hinder rapid deployment and limit participation from smaller cities. Consequently, the requirement for high capital investment acts as a significant barrier to the broader expansion of the smart mobility market worldwide.

Opportunity:

Development of smart infrastructure and 5G networks

The progress in intelligent infrastructure and expansion of 5G connectivity is creating promising opportunities for smart mobility growth. Faster and more reliable communication allows vehicles and systems to exchange information instantly, improving safety and traffic coordination. Technologies such as connected roads, smart signals, and digital monitoring enhance efficiency. The introduction of 5G ensures quick data transfer and minimal delays, supporting advanced mobility functions. Increasing investments from governments and telecom companies in digital infrastructure are boosting adoption. These advancements are expected to drive the implementation of

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modern transportation solutions across cities and surrounding regions worldwide.

Threat:

Cyber security threats and system vulnerabilities

Security risks related to cyber attacks present a serious challenge for the smart mobility sector, as it depends heavily on interconnected technologies and data sharing. Weaknesses in digital systems can be targeted by attackers, leading to disruptions, safety concerns, or unauthorized data access. Breaches involving personal and operational information can reduce consumer confidence. With increasing connectivity across transportation networks, the scale of potential cyber incidents also rises. Addressing these issues demands ongoing investment in advanced security measures. The presence of such threats continues to create uncertainty and acts as a barrier to the expansion of smart mobility solutions worldwide.

Covid-19 Impact:

The pandemic brought both challenges and opportunities to the smart mobility market, with an initial slowdown caused by restrictions on movement and reduced travel demand. Fear of virus transmission led to a decline in public and shared transportation usage. At the same time, it encouraged the adoption of digital, contactless mobility services and advanced tracking technologies. Demand for individual mobility options such as bicycles and e-scooters increased. Authorities began focusing more on hygienic and sustainable transport solutions, driving investments in modern infrastructure. Ultimately, COVID-19 transformed transportation behaviour and emphasized the need for adaptable, safe, and technology-enabled mobility systems worldwide.

The ride-sharing segment is expected to be the largest during the forecast period

The ride-sharing segment is expected to account for the largest market share during the forecast period because of its high adoption rate, affordability, and ease of use. It has reshaped city travel by offering convenient, on-demand transportation options, reducing dependence on privately owned vehicles. The rise of mobile technology has enabled seamless access to these services, improving overall customer experience. By encouraging shared rides, it contributes to lowering traffic congestion and environmental impact. The involvement of leading companies and ongoing innovation strengthens its leading position.

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

Over the forecast period, the micromobility segment is predicted to witness the highest growth rate, driven by its rising use for short trips in cities. Options like electric scooters, bikes, and shared services are becoming increasingly popular due to their affordability, sustainability, and ease of use. Increasing congestion and environmental concerns are pushing individuals toward these efficient travel modes. Government support and infrastructure development are also contributing to this growth. Moreover, digital applications enabling seamless booking and payment improve accessibility.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share owing to its well-developed technology ecosystem, early adoption of connected and self-driving vehicles, and the presence of major industry players. The region sees substantial funding in innovation and supportive regulatory frameworks that encourage smart transportation initiatives. Extensive use of smartphones and digital applications supports the growth of mobility services such as ride-sharing. Efforts to address congestion and environmental concerns also promote advanced solutions. Together, these advantages establish North America as a leading contributor to the global smart mobility industry with strong adoption and continuous technological progress.

Region with highest CAGR:

Over the forecast period, the Asia-Pacific region is anticipated to exhibit the highest CAGR, driven by expanding urban populations and the need for improved transportation systems. Regional governments are focusing on developing smart cities, enhancing digital infrastructure, and promoting eco-friendly mobility solutions. Increased use of electric vehicles, shared transport services, and intelligent traffic systems is supporting this growth. Economic development and a rising middle class are also boosting demand for modern mobility options. With strong technological progress and emerging markets, Asia-Pacific stands out as the most rapidly advancing region in the global smart mobility industry.

Key players in the market

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Some of the key players in Smart Mobility Market include Uber Technologies Inc., Lyft Inc., Didi Chuxing, Grab Holdings Inc., Lime Technologies Inc., Bird Rides Inc., Ola Cabs, Waymo LLC, Ford Motor Company, Toyota Motor Corporation, General Motors Company, BMW AG, Tesla Inc., Alphabet Inc., Intel Corporation, Robert Bosch GmbH, Cisco Systems, Inc. and Innoviz Technologies Ltd.

Key Developments:

In February 2026, Uber Technologies Inc announced it has reached an agreement to acquire the delivery business of Turkish rapid grocery delivery company Getir, strengthening its position in the Turkish market. The acquisition will significantly expand Uber’s delivery footprint in T?rkiye, where Getir first pioneered the ultrafast grocery delivery model before expanding internationally.

In September 2025, Waymo is teaming up with Lyft to launch robotaxis in Nashville by 2026. Under the plan, passengers will initially book rides through Waymo’s app, with Lyft’s app integration to follow. Lyft will manage the fleet through its Flexdrive unit. This includes handling depots, maintenance, and charging. The partnership is designed to start with a smaller fleet and then grow to hundreds of vehicles as the service scales.

In April 2025, Lyft, Inc. announced it has entered into a definitive agreement to acquire FREENOW, a leading European multi-mobility app with a taxi offering at its core, from BMW Group and Mercedes-Benz Mobility for approximately €175 million or $197 million* in cash. FREENOW will continue operating as it does today, with its talented leadership team and employees in place to drive growth across 9 countries and over 150 cities across Ireland, the United Kingdom, Germany, Greece, Spain, Italy, Poland, France, and Austria.

Solutions Covered:

Ride-sharing

Car-sharing

Mobility-as-a-Service (MaaS)

Smart Traffic & Parking Management

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Transportation Modes Covered:

- Road Transport
- Rail Transport
- Micromobility
- Smart Aviation

Technologies Covered:

- Internet of Things (IoT)
- Artificial Intelligence (AI)
- GPS & Navigation Systems
- Cloud Computing
- Emerging Tech

End Users Covered:

- Public Sector
- Private Enterprises
- Consumers

Regions Covered:

- North America
  - United States

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- Canada
- Mexico

Europe

- United Kingdom
- Germany
- France
- Italy
- Spain
- Netherlands
- Belgium
- Sweden
- Switzerland
- Poland
- Rest of Europe

Asia Pacific

- China
- Japan
- India
- South Korea
- Australia

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- Indonesia
- Thailand
- Malaysia
- Singapore
- Vietnam
- Rest of Asia Pacific

South America

- Brazil
- Argentina
- Colombia
- Chile
- Peru
- Rest of South America

Rest of the World (RoW)

- Middle East
  - Saudi Arabia
  - United Arab Emirates
  - Qatar
  - Israel

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Rest of Middle East

Africa

South Africa

Egypt

Morocco

Rest of 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 2023, 2024, 2025, 2026, 2027, 2028, 2030, 2032 and 2034

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:

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

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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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Note: Tables for North America, Europe, APAC, South America, and Rest of the World (RoW) Regions are also represented in the same manner as above.

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