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Sustainable Urban Transport Market Forecasts to 2034 – Global Analysis By Transport Mode (Public Transit, Shared Mobility, Non-Motorized Transport and Autonomous Vehicles), Infrastructure, Technology, End User and By Geography

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Abstracts

According to Stratistics MRC, the Global Sustainable Urban Transport Market is accounted for $19.9 billion in 2026 and is expected to reach $32.5 billion by 2034 growing at a CAGR of 6.3% during the forecast period. Sustainable urban mobility aims to develop eco-friendly and efficient transportation networks that minimize environmental harm while enhancing urban living standards. It promotes alternatives such as mass transit, biking, walking, and shared transport to reduce dependence on personal cars. The adoption of renewable energy, intelligent traffic systems, and well-planned urban layouts contributes to reduced congestion and pollution levels. Authorities implement strategies that support cleaner travel choices, improve accessibility, and provide inclusive transport options. Emphasizing sustainability enables cities to balance economic development, environmental conservation, and societal welfare effectively.

According to the International Association of Public Transport, Public transport already saves 2.2 billion tonnes of CO? emissions annually worldwide, and metro networks carry 168 million passengers every day across 202 cities.

Market Dynamics:

Driver:

Rising urbanization and traffic congestion

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The rapid expansion of cities and escalating traffic congestion are major contributors to the growth of sustainable urban transport. With rising population density, urban areas experience increased vehicle usage, resulting in traffic jams and extended travel durations. This not only raises fuel consumption but also intensifies environmental pollution. To tackle these issues, cities are adopting sustainable mobility solutions such as public transportation, shared vehicles, and cycling infrastructure. Investments in interconnected transport systems are becoming more common to ease traffic flow and enhance efficiency. These developments encourage a shift toward cleaner and more organized urban transportation methods.

Restraint:

High initial investment costs

Large capital requirements act as a key barrier to the growth of sustainable urban transport. Establishing infrastructure like charging networks, modern transit systems, and intelligent mobility solutions demands heavy financial investment. Budget limitations often hinder governments and organizations from executing such projects effectively. The high cost of clean vehicles and advanced technologies also restricts widespread adoption, particularly in emerging economies. Furthermore, ongoing maintenance and operational costs increase the overall financial strain. These economic challenges reduce the pace of implementation and discourage stakeholders from investing in sustainable mobility initiatives across urban areas.

Opportunity:

Development of smart city initiatives

The rise of smart city development provides promising opportunities for sustainable urban transport. Authorities are adopting advanced technologies like connected devices, artificial intelligence, and data-driven systems to optimize urban mobility. Features such as real-time traffic monitoring and integrated transport networks improve efficiency and reduce congestion. Smart city frameworks also support the use of multiple transport modes in a coordinated manner. As urban environments become more technologically advanced, the need for innovative and sustainable mobility solutions increases, and creating growth prospects for technology firms, planners, and mobility service providers.

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Threat:

Competition from conventional transport systems

The continued dominance of conventional transportation methods poses a challenge to the growth of sustainable urban transport. Vehicles using traditional fuels remain popular because of their accessibility, existing support infrastructure, and consumer habits. Their relatively lower initial costs and ease of use make them appealing compared to newer, eco-friendly options. In some cases, government support for fossil fuels further reinforces their presence. This strong competition limits the adoption of sustainable mobility solutions. Addressing this issue requires advancements in technology, better policy frameworks, and increased affordability of green transportation alternatives.

Covid-19 Impact:

The COVID-19 outbreak influenced the sustainable urban transport market in both negative and positive ways. Initially, strict lockdown measures reduced travel demand, leading to decreased use of public transportation and delays in ongoing projects. Despite this, the pandemic boosted the adoption of alternative mobility options like cycling, walking, and electric vehicles due to safety concerns. Authorities implemented measures such as pop-up bike lanes and promoted contactless transport solutions. The noticeable improvement in air quality during this period also encouraged governments to adopt long-term sustainable mobility strategies, aiding market recovery and future expansion.

The public transit segment is expected to be the largest during the forecast period

The public transit segment is expected to account for the largest market share during the forecast period as they serve as a primary mode of travel for urban populations. They provide an economical and efficient way to move large numbers of people, helping to minimize the use of personal vehicles and reduce congestion and pollution. Continuous investments in infrastructure such as buses, metros, and rail networks improve service quality and coverage. The incorporation of smart technologies and integration with other transport modes enhances convenience for users. These systems also ensure accessibility and affordability, making them a crucial element in promoting sustainable, inclusive, and environmentally friendly urban mobility solutions.

The electric vehicles (EVs) segment is expected to have the highest CAGR during the

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forecast period

Over the forecast period, the electric vehicles (EVs) segment is predicted to witness the highest growth rate. This rapid expansion is driven by the need to lower greenhouse gas emissions and reduce reliance on traditional fuels. Improvements in battery efficiency, decreasing production costs, and the development of charging networks are supporting wider adoption. Governments are actively promoting EV usage through incentives and favourable regulations. Increasing consumer awareness about environmental issues also contributes to rising demand. As urban areas prioritize clean and efficient transportation, electric vehicles are becoming a central component of future mobility systems.

Region with largest share:

During the forecast period, the Asia-Pacific region is expected to hold the largest market share as a result of its expanding urban population and extensive infrastructure development. Governments in this region are investing heavily in advanced transit systems, including metros, electric vehicles, and integrated mobility solutions to tackle traffic congestion and environmental issues. Supportive regulations and initiatives promoting clean energy further strengthen market expansion. Increasing awareness about sustainable practices and the demand for efficient transportation systems also drive adoption.

Region with highest CAGR:

Over the forecast period, the Europe region is anticipated to exhibit the highest CAGR, driven by its strong commitment to environmental sustainability and reducing carbon emissions. Regional governments are heavily investing in electric vehicles, efficient public transit systems, and infrastructure for non-motorized transport. Strict regulatory frameworks and incentives promote the shift toward greener mobility solutions. With ongoing technological advancements and strategic initiatives, Europe continues to lead in the rapid development and adoption of eco-friendly urban transport systems.

Key players in the market

Some of the key players in Sustainable Urban Transport Market include Moovit, Via Transportation, Citymapper, Lime, Bird, Spin, Trafi, Optibus, Cubic Transportation Systems, Ridecell, Transit, Swyft Cities, Kyyti Group, Urbvan, EasyMile, Voi Technology, Fiil e-motion and GeoMate.

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Key Developments:

In February 2026, Lime Launches Lime Hero Partnership with The Store in Nashville. Lime riders in Nashville can now help combat food insecurity in Tennessee through every trip. Lime's new Lime Hero partnership with The Store allows riders to opt in to round up the cost of their trips, with the difference donated to the nonprofit's work providing nutritious food choices and access to supportive services rooted in dignity, choice, and community.

In February 2025, Moovit is partnering with Bridgify, an AI-powered events discovery platform to transform the way commuters experience their cities. This collaboration will enable Moovit users to seamlessly discover and book tickets to local attractions and events, transforming their commutes into dynamic city experiences, a first-of-its-kind integration among public transit apps.

In March 2023, Via announced that it has acquired Citymapper, the UK-based premier journey planning app and transit technology company. On the heels of Via's recent financing round, the Citymapper acquisition accelerates Via's vision to build the end-to-end digital infrastructure for transit systems.

Transport Modes Covered:

- Public Transit
- Shared Mobility
- Non-Motorized Transport
- Autonomous Vehicles

Infrastructures Covered:

- Charging Stations
- Smart Traffic Systems
- Urban Mobility Hubs

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- Road & Rail Infrastructure

Technologies Covered:

- Electric Vehicles (EVs)
- Hybrid Vehicles
- Hydrogen Fuel Cell Vehicles
- Conventional Fuel Vehicles

End Users Covered:

- Municipal Authorities
- Private Operators
- Corporate Fleets
- Individual Consumers

Regions Covered:

- North America
  - United States
  - Canada
  - Mexico
- Europe
  - United Kingdom

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

Asia Pacific

- China
- Japan
- India
- South Korea
- Australia
- Indonesia
- Thailand
- Malaysia

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- 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
  - Rest of Middle East
- Africa
  - South Africa
  - Egypt

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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:

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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