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# Peer-to-Peer E-Scooter Market Forecasts to 2032 – Global Analysis By Business Model (P2P (Peer-to-Peer) Sharing, Private Ownership, B2C (Business-to-Consumer) Sharing and B2B (Business-to-Business) Sharing), Deployment Model (Dockless (Free-Floating) System, Docked/Station-based System and Hybrid Systems), Scooter, Sharing Platform, Connectivity, Battery, End User and By Geography

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## Abstracts

According to Stratistics MRC, the Global Peer-to-Peer E-Scooter Market is accounted for $128.9 million in 2025 and is expected to reach $281.4 million by 2032 growing at a CAGR of 11.8% during the forecast period. Peer-to-peer (P2P) e-scooter system enables individuals to rent or share electric scooters directly with one another through a digital platform, bypassing traditional fleet operators. Users can list their privately owned scooters for short-term use, while renters access them via mobile apps. This decentralized model promotes asset utilization, reduces infrastructure costs, and fosters community-based mobility solutions. It is particularly effective in urban environments where flexible, low-emission transport options are in demand for last-mile connectivity and short-distance travel.

Market Dynamics:

Driver:

Urban congestion & first/last-mile demand

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Peer-to-peer e-scooter sharing offers a flexible and efficient way to address first%- %and last-mile connectivity, especially in densely populated areas. These services reduce dependence on personal vehicles and alleviate pressure on public transport systems. Moreover, the convenience of app-based rentals is encouraging spontaneous usage among commuters and tourists alike. This shift is fostering a new ecosystem of micro-mobility tailored to modern urban lifestyles.

Restraint:

Regulatory uncertainty slow local policy decisions

Local governments often struggle to keep pace with the rapid evolution of micro-mobility, resulting in delayed policy implementation. Licensing, parking norms, and safety standards vary widely, creating operational challenges for platform providers. In some cities, unclear guidelines have led to temporary bans or restrictions, stalling market momentum. Additionally, the lack of harmonized rules complicates cross-border expansion strategies for global players.

Opportunity:

Integration with public transit & mobility-as-a-service (MaaS)

The convergence of e-scooter sharing with broader mobility ecosystems presents a significant growth opportunity. By integrating with public transit networks and MaaS platforms, P2P e-scooters can become a seamless extension of multimodal travel. Real-time data sharing between transit apps and scooter platforms enables smarter navigation and optimized fleet deployment. Cities are increasingly investing in digital infrastructure to support such integrations, fostering collaboration between private operators and municipal authorities.

Threat:

Safety incidents that trigger stricter standards

Accidents involving riders or pedestrians can prompt swift regulatory responses, including mandatory helmet laws, speed restrictions, and operational curfews. Such incidents often attract media scrutiny and public backlash, affecting user trust and ridership levels. Inadequate rider education and poor road infrastructure further exacerbate risks. As cities tighten safety protocols, operators may face increased

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compliance costs and operational constraints.

Covid-19 Impact:

Initially, lockdowns and mobility restrictions led to a sharp decline in ridership and disrupted fleet operations. However, as cities reopened, e-scooters emerged as a preferred mode of socially distanced transport. Their contactless rental model and outdoor usage made them safer alternatives to crowded public transit. Operators responded by enhancing sanitation protocols and introducing flexible pricing to attract users. The crisis also accelerated digital adoption, with users increasingly relying on mobile apps for navigation and payment.

The P2P (peer-to-peer) sharing segment is expected to be the largest during the forecast period

The (peer-to-peer) sharing segment is expected to account for the largest market share during the forecast period due to its decentralized and cost-effective model. Unlike traditional fleet-based systems, P2P platforms allow individuals to rent out their personal e-scooters, expanding availability without significant capital investment. This model fosters community participation and enhances geographic coverage, especially in underserved areas. The flexibility of P2P sharing also supports dynamic pricing and personalized service offerings.

The mobile app-based platforms segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the mobile app-based platforms segment is predicted to witness the highest growth rate driven by advancements in digital technology and user interface design. These platforms offer real-time tracking, seamless payments, and personalized ride recommendations, enhancing user engagement. Integration with GPS, AI-based fleet management, and predictive analytics is optimizing scooter availability and reducing idle time. The convenience of app-based rentals is particularly appealing to tech-savvy urban dwellers seeking quick and hassle-free transport options.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share supported by robust infrastructure and early adoption of micro-mobility solutions. Cities like Los Angeles, Austin, and Washington D.C. have embraced e-

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scooter sharing, offering favorable regulatory environments and dedicated lanes. The presence of leading platform providers and venture capital investment has accelerated innovation and service expansion. Additionally, consumer awareness around sustainable transport and urban mobility is high, driving consistent demand.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR fueled by rapid urbanization, rising smartphone usage, and growing environmental consciousness. Countries such as China, India, and Indonesia are witnessing a surge in demand for affordable and efficient transport alternatives. Local startups are innovating with region-specific models, including low-cost scooters and vernacular app interfaces. As infrastructure improves and regulatory clarity emerges, Asia Pacific is set to become a key growth engine for the global P2P e-scooter market.

Key players in the market

Some of the key players in Peer-to-Peer E-Scooter Market include Bird, Lime, Spin, Tier Mobility, Voi Technology, Dott, Bolt Mobility, Wind Mobility, Scoot Networks, Helbiz, Revel Transit, Beam Mobility, Neuron Mobility, Ryde Technology, Go X, Grin Scooters, and Ridecell.

Key Developments:

In June 2025, Bird unveiled an enhanced fleet of scooters and e-bikes designed for higher comfort, durability and safety; deployments began across multiple U.S. cities. The announcement highlights new vehicle models, improved braking/lighting and onboard sensors aimed at increasing ridership and reliability.

In May 2025, Beam announced Hobart fleet expansionadding 100 Apollo Lite e-bikes to its existing mix of scooters and seated scooters, the e-bike addition as improving accessibility and commuter options done in partnership with the City of Hobart.

In April 2025, Lime announced the public launch of two new vehicles the LimeBike and LimeGlider rolling out to ~a dozen cities following 2024 pilots. These models as more inclusive / accessible, and notes a staged deployment of ~10,000 vehicles across Europe and North America.

Business Models Covered:

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P2P (Peer-to-Peer) Sharing

Private Ownership

B2C (Business-to-Consumer) Sharing

B2B (Business-to-Business) Sharing

Deployment Models Covered:

Dockless (Free-Floating) System

Docked/Station-based System

Hybrid Systems

Scooters Covered:

Standing E-Scooters

Foldable E-Scooters

Self-Balancing E-Scooters

Other Scooters

Sharing Platforms Covered:

Mobile App-Based Platforms

Web-Based Platforms

Integrated Mobility Platforms

Connectivities Covered:

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IoT-Enabled Scooters

Battery Swapping & Charging Technology

Smart Locking Systems

Blockchain-Based Sharing Platforms

GPS & Navigation Systems

Other Connectivities

Batteries Covered:

Lithium-Ion Batteries

Lead-Acid Batteries

Nickel-Metal Hydride (NiMH) Batteries

Solid-State Batteries

End Users Covered:

Tourists

Urban Commuters

Students

Delivery Personnel

Other End Users

Regions Covered:

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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

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- 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

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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 Middle East &

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Africa Regions are also represented in the same manner as above.

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