

Global Green Logistics Market Size Study & Forecast, by Business Type (Warehousing, Distribution) and Mode of Transportation (Roadways, Railways) and Regional Forecasts 2025-2035

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Abstracts

The Global Green Logistics Market was valued at approximately USD 1,506,990.5 million in 2024 and is expected to expand steadily at a CAGR of 8.1% throughout the forecast period of 2025–2035. Green logistics refers to the systematic integration of environmentally responsible practices across logistics operations, encompassing transportation, warehousing, packaging, inventory management, and value-added services. By embedding sustainability into supply chain frameworks, organizations are actively working to reduce carbon footprints, optimize fuel consumption, and comply with increasingly stringent environmental regulations. As sustainability shifts from a corporate aspiration to a strategic necessity, green logistics has emerged as a core pillar supporting long-term operational resilience and brand credibility.

Market momentum is being shaped by rising global trade volumes, the exponential growth of e-commerce, and mounting regulatory pressure to decarbonize logistics networks. Corporations are increasingly phasing in electric and alternative-fuel fleets, redesigning warehouse infrastructure with energy-efficient technologies, and rolling out digital platforms to optimize route planning and load management. In parallel, stakeholder expectations around ESG compliance are compelling logistics providers to rethink legacy operating models. While initial capital investments remain high, long-term cost efficiencies, regulatory incentives, and reputational benefits are accelerating adoption across developed and emerging economies alike.

The detailed segments and sub-segments included in the report are:

By Business Type:

Warehousing

Distribution

Value Added Services

By Mode of Transportation:

Roadways

Railways

Airways

Waterways

By End-use:

Healthcare

Manufacturing

Automotive

Banking and Financial Services

Retail and E-Commerce

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Distribution services are expected to dominate the Global Green Logistics Market, accounting for the largest share during the forecast period. As supply chains grow increasingly complex and geographically dispersed, the need for optimized, low-emission distribution networks has intensified. Companies are leaning heavily on green distribution models that leverage route optimization software, fuel-efficient vehicles, and multimodal transport strategies to streamline last-mile and long-haul deliveries. Although warehousing and value-added services are witnessing rising adoption of sustainable practices, distribution remains the most influential segment due to its direct impact on emissions and operating costs.

From a revenue perspective, roadways continue to lead the market, supported by their unmatched flexibility and extensive global infrastructure. Road-based green logistics solutions generate the highest revenues as fleet electrification, alternative fuels, and telematics-driven efficiency improvements gain scale. At the same time, railways and waterways are emerging as fast-growing segments, particularly for bulk and long-distance freight, owing to their lower carbon intensity per ton-kilometer. This evolving mix highlights a market in transition—one where roadways anchor revenues today while rail and water transport quietly reshape the sustainability narrative.

Geographically, North America holds a prominent position in the Global Green Logistics Market, driven by early adoption of green technologies, strong regulatory frameworks, and aggressive corporate sustainability commitments. Europe follows closely, benefiting from stringent emission norms, carbon pricing mechanisms, and cross-border green freight initiatives. Asia Pacific is projected to register the fastest growth over the forecast period, underpinned by rapid industrialization, booming e-commerce ecosystems, and

government-backed investments in sustainable infrastructure across China, India, and Southeast Asia. Meanwhile, Latin America and the Middle East & Africa are gradually gaining traction as green logistics concepts penetrate emerging supply chains and infrastructure modernization accelerates.

Major market players included in this report are:

DHL Supply Chain

DB Schenker

Kuehne + Nagel International AG

DSV A/S

UPS

FedEx Corporation

XPO Logistics

CEVA Logistics

Nippon Express Holdings

Ryder System, Inc.

Bollor? Logistics

Expeditors International

C.H. Robinson Worldwide, Inc.

Sinotrans Limited

SNCF Logistics

Global Green Logistics Market Report Scope:

Global Green Logistics Market Size Study & Forecast, by Business Type (Warehousing, Distribution) and Mode of...

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period - 2025-2035

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent to up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes across key segments and countries in recent years and to project their evolution over the coming decade. The report integrates both qualitative insights and quantitative analysis to illuminate the drivers, constraints, and opportunities shaping the Global Green Logistics Market. It further dissects competitive strategies, operational innovations, and sustainability-led value propositions, equipping stakeholders with a comprehensive roadmap to navigate an increasingly regulation-driven and environmentally conscious logistics landscape.

Key Takeaways:

Market estimates and forecasts spanning 2025 to 2035.

Annualized revenue analysis at global and regional levels.

Country-level insights across major geographic markets.

Competitive benchmarking of leading green logistics providers.

Strategic evaluation of business models and future growth pathways.

Structural analysis of market competition.

In-depth demand-side and supply-side assessment.

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