

Green Logistics Market Size, Share & Trends Analysis Report By Business Type (Warehousing, Distribution, Value Added Services), By Mode Of Transportation (Roadways, Railways), By End-use (Healthcare, Automotive), By Region, And Segment Forecasts, 2025 - 2030

<https://marketpublishers.com/r/GC421FFA5180EN.html>

Date: February 2025

Pages: 160

Price: US\$ 4,950.00 (Single User License)

ID: GC421FFA5180EN

Abstracts

This report can be delivered to the clients within 3 Business Days

Green Logistics Market Size & Trends

The global green logistics market size was estimated at USD 1,507.0 billion in 2024 and is expected to register a CAGR of 8.1% from 2025 to 2030. The green logistics market is experiencing significant growth, driven by stringent environmental regulations, technological advancements, and shifting consumer and corporate preferences.

Governments worldwide are implementing stricter policies to reduce carbon emissions, with initiatives such as the EU Green Deal, the U.S. Clean Energy Plan, and China's Carbon Neutrality Goal pushing logistics providers to adopt sustainable practices. Regulations related to fuel efficiency, packaging waste reduction, and emission control are compelling businesses to transition towards greener supply chain solutions. Companies that fail to comply with these evolving standards risk facing legal penalties and losing competitive ground.

In addition, the rising demand for carbon-neutral supply chains, as corporations set ambitious Net-Zero targets to align with global sustainability goals. Industry giants such as Amazon, Walmart, and Maersk are investing in electric trucks, hydrogen-powered fleets, and green warehouses to reduce their environmental impact. This shift is further fueled by the rapid growth of e-commerce, which demands efficient yet sustainable last-mile delivery models. Logistics companies are increasingly adopting

electric delivery vans, bicycle couriers, and urban micro-fulfillment centers meet consumer expectations for environmentally responsible delivery options. Technological advancements are also reshaping the green logistics landscape. The development of electric and hydrogen-powered trucks, AI-based route optimization software, and IoT-enabled smart warehouses is significantly improving operational efficiency while reducing emissions. Blockchain technology is being leveraged to enhance supply chain transparency and track carbon footprints, ensuring compliance with sustainability goals. In addition, warehouse automation solutions are helping logistics providers cut energy consumption by integrating AI-driven energy management systems and renewable energy sources such as solar and wind power. Investment in renewable energy and alternative fuels is another key factor propelling the green logistics market forward. The increasing use of biofuels, hydrogen fuel cells, and liquefied natural gas (LNG) in transportation is significantly reducing emissions in freight logistics. Furthermore, the adoption of Sustainable Aviation Fuel (SAF) in air freight is gaining momentum, as airlines and logistics providers seek to reduce their carbon footprint. Alongside fuel innovations, governments are providing substantial incentives such as tax credits, subsidies, and green financing options to accelerate the adoption of sustainable logistics solutions.

Despite the promising growth of the green logistics market, several challenges hinder its widespread adoption and scalability. One of the most significant barriers is the high initial investment costs associated with transitioning to sustainable logistics. Deploying electric and hydrogen-powered trucks, renewable energy infrastructure, and automated warehouses requires substantial capital expenditure. Many small and medium-sized logistics providers struggle to justify these costs, especially in markets with low-profit margins. While long-term savings in fuel and operational efficiency can offset these expenses, the upfront financial burden remains a major deterrent.

Global Green Logistics Market Report Segmentation

The report forecasts revenue growth at global, regional, and country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2018 to 2030. For the purpose of this study, Grand View Research has segmented the green logistics market report based on business type, mode of transportation, end-use, and region.

Business Type Outlook (Revenue, USD Billion, 2018 - 2030)

Warehousing

Distribution

Value added services

Mode of Transportation Outlook (Revenue, USD Billion, 2018 - 2030)

Roadways

Railways

Airways

Waterways

End-use Outlook (Revenue, USD Billion, 2018 - 2030)

Healthcare

Manufacturing

Automotive

Banking and financial services

Retail and E-Commerce

Others

Regional Outlook (Revenue, USD Billion, 2018 - 2030)

North America

U.S.

Canada

Mexico

Europe

Germany

UK

France

Asia Pacific

China

India

Japan

South Korea

Australia

Latin America

Brazil

Middle East & Africa

KSA

UAE

South Africa

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Market Segmentation and Scope
- 1.2. Research Methodology
 - 1.2.1. Information Procurement
- 1.3. Information or Data Analysis
- 1.4. Methodology
- 1.5. Research Scope and Assumptions
- 1.6. Market Formulation & Validation
- 1.7. Country Based Segment Share Calculation
- 1.8. List of Data Sources

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Outlook
- 2.2. Segment Outlook
- 2.3. Competitive Insights

CHAPTER 3. GREEN LOGISTICS MARKET VARIABLES, TRENDS, & SCOPE

- 3.1. Market Lineage Outlook
- 3.2. Market Dynamics
 - 3.2.1. Market Driver Analysis
 - 3.2.2. Market Restraint Analysis
 - 3.2.3. Industry Challenge
- 3.3. Green Logistics Market Analysis Tools
 - 3.3.1. Industry Analysis - Porter's
 - 3.3.1.1. Bargaining power of the suppliers
 - 3.3.1.2. Bargaining power of the buyers
 - 3.3.1.3. Threats of substitution
 - 3.3.1.4. Threats from new entrants
 - 3.3.1.5. Competitive rivalry
 - 3.3.2. PESTEL Analysis
 - 3.3.2.1. Political landscape
 - 3.3.2.2. Economic and social landscape
 - 3.3.2.3. Technological landscape
- 3.4. Pain Point Analysis

CHAPTER 4. GREEN LOGISTICS MARKET: BUSINESS TYPE ESTIMATES & TREND ANALYSIS

4.1. Segment Dashboard

4.2. Green Logistics Market: Business Type Movement Analysis, 2024 & 2030 (USD Billion)

4.3. Warehousing

4.3.1. Warehousing Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Billion)

4.4. Distribution

4.4.1. Distribution Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Billion)

4.5. Value Added Services

4.5.1. Value added services Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Billion)

CHAPTER 5. GREEN LOGISTICS MARKET: MODE OF TRANSPORTATION ESTIMATES & TREND ANALYSIS

5.1. Segment Dashboard

5.2. Green Logistics Market: Mode of Transportation Movement Analysis, 2024 & 2030 (USD Billion)

5.3. Roadways

5.3.1. Roadways Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Billion)

5.4. Railways

5.4.1. Railways Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Billion)

5.5. Airways

5.5.1. Airways Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Billion)

5.6. Waterways

5.6.1. Waterways Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Billion)

CHAPTER 6. GREEN LOGISTICS MARKET: END-USE ESTIMATES & TREND ANALYSIS

6.1. Segment Dashboard

6.2. Green Logistics Market: End-use Movement Analysis, 2024 & 2030 (USD Billion)

6.3. Healthcare

- 6.3.1. Healthcare Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Billion)
- 6.4. Manufacturing
 - 6.4.1. Manufacturing Revenue Estimates and Forecasts, 2018 - 2030 (USD Billion)
- 6.5. Automotive
 - 6.5.1. Automotive Revenue Estimates and Forecasts, 2018 - 2030 (USD Billion)
- 6.6. Banking and Financial Services
 - 6.6.1. Banking and Financial Services Revenue Estimates and Forecasts, 2018 - 2030 (USD Billion)
- 6.7. Retail and E-Commerce
 - 6.7.1. Retail and E-Commerce Revenue Estimates and Forecasts, 2018 - 2030 (USD Billion)
- 6.8. Other
 - 6.8.1. Manufacturing Revenue Estimates and Forecasts, 2018 - 2030 (USD Billion)

CHAPTER 7. GREEN LOGISTICS MARKET: REGIONAL ESTIMATES & TREND ANALYSIS

- 7.1. Green Logistics Market Share, By Region, 2024 & 2030 (USD Billion)
- 7.2. North America
 - 7.2.1. North America Green Logistics Market Estimates and Forecasts, 2018 - 2030 (USD Billion)
 - 7.2.2. U.S.
 - 7.2.2.1. U.S. Green Logistics Market Estimates and Forecasts, 2018 - 2030 (USD Billion)
 - 7.2.3. Canada
 - 7.2.3.1. Canada Green Logistics Market Estimates and Forecasts, 2018 - 2030 (USD Billion)
 - 7.2.4. Mexico
 - 7.2.4.1. Mexico Green Logistics Market Estimates and Forecasts, 2018 - 2030 (USD Billion)
- 7.3. Europe
 - 7.3.1. Europe Green Logistics Market Estimates and Forecasts, 2018 - 2030 (USD Billion)
 - 7.3.2. UK
 - 7.3.2.1. UK Green Logistics Market Estimates and Forecasts, 2018 - 2030 (USD Billion)
 - 7.3.3. Germany
 - 7.3.3.1. Germany Green Logistics Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

7.3.4. France

7.3.4.1. France Green Logistics Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

7.4. Asia Pacific

7.4.1. Asia Pacific Green Logistics Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

7.4.2. China

7.4.2.1. China Green Logistics Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

7.4.3. Japan

7.4.3.1. Japan Green Logistics Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

7.4.4. India

7.4.4.1. India Green Logistics Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

7.4.5. South Korea

7.4.5.1. South Korea Green Logistics Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

7.4.6. Australia

7.4.6.1. Australia Green Logistics Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

7.5. Latin America

7.5.1. Latin America Green Logistics Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

7.5.2. Brazil

7.5.2.1. Brazil Green Logistics Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

7.6. Middle East and Africa

7.6.1. Middle East and Africa Green Logistics Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

7.6.2. UAE

7.6.2.1. UAE Green Logistics Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

7.6.3. KSA

7.6.3.1. KSA Green Logistics Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

7.6.4. South Africa

7.6.4.1. South Africa Green Logistics Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

CHAPTER 8. COMPETITIVE LANDSCAPE

- 8.1. Company Categorization
- 8.2. Company Market Positioning
- 8.3. Company Heat Map Analysis
- 8.4. Company Profiles/Listing
 - 8.4.1. United Parcel Service
 - 8.4.1.1. Participant's Overview
 - 8.4.1.2. Financial Performance
 - 8.4.1.3. Product Benchmarking
 - 8.4.1.4. Strategic Initiatives
 - 8.4.2. Bowling Green Logistics
 - 8.4.2.1. Participant's Overview
 - 8.4.2.2. Financial Performance
 - 8.4.2.3. Product Benchmarking
 - 8.4.2.4. Strategic Initiatives
 - 8.4.3. GEODIS
 - 8.4.3.1. Participant's Overview
 - 8.4.3.2. Financial Performance
 - 8.4.3.3. Product Benchmarking
 - 8.4.3.4. Strategic Initiatives
 - 8.4.4. Yusen Logistics Co., Ltd
 - 8.4.4.1. Participant's Overview
 - 8.4.4.2. Financial Performance
 - 8.4.4.3. Product Benchmarking
 - 8.4.4.4. Strategic Initiatives
 - 8.4.5. DHL International GmbH
 - 8.4.5.1. Participant's Overview
 - 8.4.5.2. Financial Performance
 - 8.4.5.3. Product Benchmarking
 - 8.4.5.4. Strategic Initiatives
 - 8.4.6. XPO Logistics
 - 8.4.6.1. Participant's Overview
 - 8.4.6.2. Financial Performance
 - 8.4.6.3. Product Benchmarking
 - 8.4.6.4. Strategic Initiatives
 - 8.4.7. DB SCHENKER
 - 8.4.7.1. Participant's Overview

- 8.4.7.2. Financial Performance
- 8.4.7.3. Product Benchmarking
- 8.4.7.4. Strategic Initiatives
- 8.4.8. Kuehne + Nagel
 - 8.4.8.1. Participant's Overview
 - 8.4.8.2. Financial Performance
 - 8.4.8.3. Product Benchmarking
 - 8.4.8.4. Strategic Initiatives
- 8.4.9. CEVA Logistics
 - 8.4.9.1. Participant's Overview
 - 8.4.9.2. Financial Performance
 - 8.4.9.3. Product Benchmarking
 - 8.4.9.4. Strategic Initiatives
- 8.4.10. Agility Public Warehousing Company K.S.C.P.
 - 8.4.10.1. Participant's Overview
 - 8.4.10.2. Financial Performance
 - 8.4.10.3. Product Benchmarking
 - 8.4.10.4. Strategic Initiatives

I would like to order

Product name: Green Logistics Market Size, Share & Trends Analysis Report By Business Type (Warehousing, Distribution, Value Added Services), By Mode Of Transportation (Roadways, Railways), By End-use (Healthcare, Automotive), By Region, And Segment Forecasts, 2025 - 2030

Product link: <https://marketpublishers.com/r/GC421FFA5180EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GC421FFA5180EN.html>