

## Market Research Report



*Go for Green Earth*



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## *LIST OF ABBREVIATIONS USED*

Commonly used abbreviations in documentation are enumerated below:

<b>Abbreviation</b>	<b>Description</b>
<i>GGBC</i>	<i>Global Green Building Council</i>
<i>ESG</i>	<i>Environmental, Social and Governance</i>
<i>USD</i>	<i>United States Dollar</i>
<i>SSQI</i>	<i>Six Sigma Quality International</i>
<i>ISBC</i>	<i>International Sustainable Building Council</i>
<i>NBC</i>	<i>National Building Code</i>
<i>IBC</i>	<i>International Building Code (IBC) (building safety)</i>
<i>GRIHA</i>	<i>Green Rating for Integrated Habitat Assessment</i>
<i>IMARC</i>	<i>International Market Analysis Research and Consulting Group</i>
<i>IJSET</i>	<i>International Journal of Science, Engineering and Technology</i>
<i>TERI</i>	<i>The Energy and Resources Institute</i>
<i>AI</i>	<i>Angel investor</i>
<i>VC</i>	<i>Venture Capitalist</i>
<i>PE</i>	<i>Private Equity</i>

## I. Table of Contents

The Market Research Report has been documented & is based on establishing for meeting the requirements of Investors to generate the investment.

Document History.....	2
LIST OF ABBREVIATION USED.....	3
I. Table of Contents.....	4
II. Authorization.....	5
III. Foreword.....	6
IV. Introduction.....	7
V. Overview Summary.....	8
0.1. Executive Summary.....	10
0.2. Global Logistics & Supply Chain Market Overview .....	10
0.3. Market Segmentation Analysis .....	11
0.4. Key Market Players / Competition.....	12
05. Sources of Data & Further Research.....	12-13

## II. Authorization

**Market Research Report** has been established for meeting the requirements of Investors to generate the investment.

The Top Management of **Global Green Building Council** have reiterated the desire of the company to implement and maintain **Market Research Report** for Investors to generate the investment.

**Market Research Report** has been authorized by the undersigned for circulation and implementation at all levels in the company.

Revisions shall be prepared by Investor Manager, reviewed by approved by the undersigned.

Director,  
For **Global Green Building Council**

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### III. Foreword

*The purpose of this **Market Research Report** has been established for meeting the requirements of Investors to generate the investment by **Global Green Building Council**.*

*General details, organizational structure, responsibilities, authorities and relationship of personnel and the method of carrying out of task of each element of the system have been given in this **Market Research Report**. Wherever applicable references have been given to other relevant documents.*

***Market Research Report** provides guidance to invest in our organisations with this documented system, maintain orderliness and ensure clarity and uniformity in the description of work by different personnel.*

*Investor Manager is responsible for control of the contents, distribution and general administration of this **Market Research Report**. Updated **Market Research Report** is made available to recipients as soft copy with “read only” access.*

*The uncontrolled copies of this manual are issued for general information of our investors and other interested parties and the revision follow-up of these is not definite.*

*This manual will be of use to our investors and other interested parties for knowing our investment portfolio, its investment opportunities, our capabilities and our investment opportunities provided by us. This will also be useful to them to know how we are fulfilling investors / interested parties’ requirements and are continually improving keeping in view the range of our investment portfolio, systems and facilities*

## IV. Introduction

*The **Global Green Building Council (GGBC)** is a dedicated organization advancing sustainable construction and green building practices worldwide. It focuses on certification, accreditation, and implementing standards like ISO 14064 for greenhouse gas management and ISO 50001 for energy efficiency, supporting resilient and low-carbon built environments.*

***Global Green Building Council (GGBC)** operates as a network hub inspired by the International Green Building Code & Indian Green Building Code & sustainable practices worldwide, fostering collaboration among national councils, especially in regions like India and Asia Pacific. Through policy advocacy, market research, funding strategies, and awareness programs, it promotes certifications such as like ISO 14034, ISO 14035, ISO 14063, ISO 14064-1 (organization level), ISO 14064-2 (project level), and ISO 14064-3 (validation/verification), ISO 14065 & ISO 14066 for greenhouse gas management and ISO 50001 for energy efficiency, supporting resilient and low-carbon built environments while aligning with global goals like net-zero emissions by 2050.*

*Its initiatives emphasize equitable transformation of the property and construction sectors, enabling healthier communities via innovative financing, knowledge exchange, and stakeholder partnerships.*

## V. Overview Summary

The **Global Green Building Council (GGBC)** is a dedicated organization advancing sustainable construction and green building practices worldwide. It focuses on certification, accreditation, and implementing standards like ISO 14064 for greenhouse gas management and ISO 50001 for energy efficiency, supporting resilient and low-carbon built environments.

**Global Green Building Council (GGBC)** operates as a network hub inspired by the International Green Building Code & Indian Green Building Code & sustainable practices worldwide, fostering collaboration among national councils, especially in regions like India and Asia Pacific. Through policy advocacy, market research, funding strategies, and awareness programs, it promotes certifications such as like ISO 14034, ISO 14035, ISO 14063, ISO 14064-1 (organization level), ISO 14064-2 (project level), and ISO 14064-3 (validation/verification), ISO 14065 & ISO 14066 for greenhouse gas management and ISO 50001 for energy efficiency, supporting resilient and low-carbon built environments while aligning with global goals like net-zero emissions by 2050.

Its initiatives emphasize equitable transformation of the property and construction sectors, enabling healthier communities via innovative financing, knowledge exchange, and stakeholder partnerships.

The **Global Green Building Council (GGBC)** leads the transformation toward sustainable, low-carbon built environments worldwide. As a key player in certification and accreditation, it champions ISO standards like 14064 for GHG management and 50001 for energy efficiency, while promoting green certifications such as like ISO 14034, ISO 14035, ISO 14063, ISO 14064-1 (organization level), ISO 14064-2 (project level), and ISO 14064-3 (validation/verification), ISO 14065 & ISO 14066 for greenhouse gas management and ISO 50001 for energy efficiency, supporting resilient and low-carbon built environments.

**Global Green Building Council (GGBC)** mission aligns with global goals like net-zero emissions by 2050, driving policy advocacy, market research, and stakeholder partnerships to foster resilient communities. Through awareness programs and funding strategies, it supports equitable access to green building practices, particularly in India and Asia Pacific.

In summary, GGBC accelerates decarbonisation, health-focused designs, and circular economy principles across new and existing structures, positioning the sector as a climate solution

## ***Market Research Report: Sustainability Tech Sector***

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## 1. Executive Summary

The **Global Green Building Council (GGBC)** is a sustainability-driven organization dedicated to accelerating the transformation of the built environment through **green building standards, climate-smart technologies and ESG-aligned certification frameworks**. GGBC works at the intersection of **sustainability, technology, policy and capacity building**, enabling governments, developers, industries and institutions to reduce carbon emissions, improve energy efficiency and enhance environmental and social performance across the building lifecycle.

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## 2. Global Logistics & Supply Chain Market Overview

- **Market Size & Growth:**

- The global green building market surpassed USD 700 billion in 2024 and is projected to exceed USD 1.3 trillion by 2034.
- Within this, green logistics and supply chain services—encompassing material sourcing, certified product delivery and sustainable construction support—are estimated to account for a rapidly growing segment, valued at over USD 80 billion globally in 2024.
- GGBC’s adaptive model—which connects vetted suppliers, local manufacturers and service providers—positions it to capture a significant share of this expanding market, particularly in emerging economies like India, Southeast Asia, Africa and Latin America.
- **Key Drivers of Growth:**
- **Rising Green Certification Demand:** Governments and corporations pursue net-zero and ESG targets, creating exponential demand for certified green buildings and responsible supply chain solutions.
- **Policy Support & Incentives:** Strong regulatory momentum and financial incentives propel sustainable supply chain investments across regions.
- **Regional Expansion:** As urbanization and infrastructure spending increase, GGBC’s market penetration in Tier 2/3 cities and semi-urban/rural projects is unlocking new, high-growth geographies.
- **Focus on Sustainability:** Growing environmental awareness is driving investment in green technologies and optimized supply chains to reduce carbon footprints. (Source: Cervicorn Consulting)

- **Regional Dominance:**

**North America & Europe:** Mature markets with strong infrastructure and early adoption of sustainability policies.

**Asia-Pacific:** Fastest-growing logistics demand due to manufacturing hubs, trade corridors and surging e-commerce penetration.

**Emerging Markets:** Infrastructure investments and digital adoption are transforming performance in Latin America, Middle East and Africa.

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### 3. Market Segmentation Analysis

- **By Service:**

- **Green Logistics Integration:** Emphasizes low-emission vehicles, optimized routing, and consolidated shipping, thereby minimizing carbon footprint and supporting project certifications under global green standards.
- **Location-Linked Delivery:** Leverages digital platforms and logistics partners for just-in-time, region-specific delivery, reducing material waste and project delays.
- **Certified Handling:** Ensures safe, compliant handling of non-toxic, recyclable, and sustainable materials in accordance with green building council protocols.
- **Customization for Regional Needs:** Services are adaptable for varying infrastructure and regulatory conditions, ensuring reliable access to sustainable construction supplies in both established and emerging markets.

- **By End Use / Application:**

- **Commercial Buildings:** GGBC supports office complexes, retail spaces, hotels, and business parks seeking green certifications for lower operating costs, enhanced occupant well-being, improved ESG ratings and competitive advantage in the market.
- **Mixed-Use Developments:** Urban regeneration projects, eco townships and smart cities utilize GGBC services to harmonize sustainable practices across integrated residential, commercial, recreational and institutional spaces.
- **Special Purpose Facilities:** Healthcare centres, educational campuses, data centres and carbon trading hubs apply GGBC protocols for sector-specific requirements, resilience and future-readiness.
- **Industrial Facilities:** Factories, warehouses, logistics hubs and manufacturing units benefit from GGBC's frameworks by achieving higher energy and water efficiency, regulatory compliance and enhanced worker safety and productivity.

- **Public Infrastructure:** GGBC is adopted in schools, hospitals, transport terminals and government complexes, fostering community well-being, operational sustainability and public environmental awareness.

#### 4. Key Market Players / Competition

The global logistics market is characterized by the presence of large, integrated players alongside specialized service providers. Key players include:

- Japan Green Building Council (JGBC)
- Singapore Green Building Council (SGBC)
- Deming Ratings
- GRIHA (Green Rating for Integrated Habitat Assessment)
- Sustainable Building Councils & Others (SBC)

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#### 5. Sources of Data & Further Research

The data presented in this report is synthesized from reputable market research firms and industry publications, including:

- **Global & Regional Green Building Councils:** Data, certification records, project listings, growth statistics and market reports from Deming ratings, SSQI, ISBC, NBC, IBC & GRIHA, etc.
- **Government Databases & Policy Publications:** Regulatory frameworks, incentive announcements, building code updates and city/state infrastructure reports from ministries and municipal authorities.
- **Industry Research & Market Intelligence:** Reports and forecasts from market intelligence agencies (e.g., Precedence Research, Mordor Intelligence, Fortune Business Insights, IMARC Group) focused on green building, logistics, supply chain and sustainable construction markets.
- **Academic Journals & Technical Publications:** Peer-reviewed studies, comparative analyses of certification systems, sustainability impact assessments and innovation reviews from sources like Science Direct, IJSET and TERI.
- **Project Portals & Case Studies:** Real-world data and best practice insights from completed projects, member websites and digital green building registries.
- **Technology Platforms & Supply Chain Analytics:** Internal databases, tracking dashboards and analytics from GGBC's digital delivery ecosystem
- **Conferences & Research Consortia:** Insights and networking from global and regional events such as Green build, GGBC Annual Congress, GGBC Summit and specialized research partnerships.

## Further Research Recommendations:

- Comparative impact analysis of certification systems in different regions and climates.
- Long-term economic and ESG benefits of green building adoption by sector.
- Innovative supply chain strategies for scaling green construction in emerging markets.
- User behaviour studies on green building uptake in commercial vs. residential vs. public sectors.
- New materials, IoT, and smart tech for performance optimization and carbon tracking.
- These sources and ongoing research initiatives enable GGBC to iterate its offerings, provide transparent reporting and maintain leadership in the sustainability and green building market.

## Recommended Industry-Focused Publications for Deeper Research:

### Industry-Focused Publications

- **Green build Conference Proceedings:** Cutting-edge research, practical tools and international green building case studies
- **Journal of Green Building:** Academic articles and technical studies on materials, methods and metric evaluation
- **Science Direct Sustainability Section:** Peer-reviewed articles on green buildings, supply chain innovations and climate-smart logistics.
- **TERI Reports (The Energy and Resources Institute):** India-centric market intelligence, policy analysis, and environmental technology reviews
- **Market Watch, IMARC Group, Transparency Market Research:** Commercial trend reports and future forecasts.
- **Building Green, ENR (Engineering News-Record):** News, analysis and sustainability technology breakthroughs in construction and logistics

**These sources empower deeper research, strategic analysis and informed decision-making for investors, practitioners and policymakers in the global green building sector.**