

Forestry and Land Use Carbon Credit Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Project Type (Afforestation, Avoided Deforestation, Agroforestry, Soil Carbon Sequestration, Others), By Credit Type (Verified Carbon Units, Certified Emission Reductions, Gold Standard Credits, Others), By End-User (Energy & Utilities, Manufacturing, Transport & Logistics, Agriculture, Others), By Region, and By Competition, 2020-2030F

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Abstracts

Market Overview

The Global Forestry and Land Use Carbon Credit Market was valued at USD 25.84 Billion in 2024 and is projected to reach USD 43.37 Billion by 2030, growing at a CAGR of 8.43% during the forecast period. This growth is fueled by heightened global efforts to combat climate change, pursue net-zero emissions, and safeguard ecosystems. Forestry and land use carbon credits are increasingly recognized as effective nature-based solutions for offsetting carbon emissions. These credits are derived from projects such as afforestation, reforestation, avoided deforestation (REDD/REDD+), soil carbon capture, improved forest management, and agroforestry. By assigning market value to carbon sequestration, these initiatives offer financial incentives for conservation and restoration while contributing to sustainable land use practices.

Emerging economies across Latin America, Sub-Saharan Africa, and Southeast Asia

are prominent regions for implementing forestry-based initiatives, particularly REDD+ projects aimed at forest conservation and community development. Meanwhile, industrialized nations like those in Europe and North America dominate as primary purchasers of these credits to meet voluntary climate targets or compliance obligations. The market is further supported by the rise of robust verification frameworks such as Verra, Gold Standard, and Plan Vivo, which have enhanced transparency, credibility, and stakeholder confidence. As more governments integrate forestry credits into regulatory frameworks and as corporate climate pledges proliferate, the demand for high-integrity, nature-based carbon offsets is expected to rise steadily.

Key Market Drivers

Corporate Net-Zero Commitments and Sustainability Targets

The increasing number of corporate net-zero pledges is a significant driver of growth in the Forestry and Land Use Carbon Credit Market. A growing share of Fortune 500 companies now allocate a portion of their sustainability budgets to nature-based offsets, with many planning to expand their offset purchases in the coming years. Large corporations are incorporating forestry credits into their carbon strategies, with annual average procurement volumes reaching hundreds of thousands of tons of CO₂e—and in some cases, surpassing two million tons. This surge reflects strong momentum within voluntary carbon markets, where demand for credible, environmentally beneficial offsets is escalating alongside broader ESG commitments.

Key Market Challenges

Lack of Standardization and Fragmented Verification Practices

A major challenge in the market is the lack of harmonized standards and verification practices across jurisdictions and frameworks. Although platforms such as Verra and Gold Standard provide structured methodologies, inconsistencies remain in how credits are issued, validated, and tracked. These discrepancies lead to buyer uncertainty and complicate cross-border trading and project comparability. Variations in quality, monitoring procedures, and registry compatibility further inhibit investor confidence, often requiring lengthy due diligence and increasing transaction costs. Without unified global standards, the scalability and long-term trust in forestry and land use carbon credits remain constrained.

Key Market Trends

Shift Toward High-Integrity and Co-Benefit-Certified Projects

The market is evolving toward a clear preference for credits that deliver verified carbon reductions alongside social and environmental co-benefits. Buyers are increasingly seeking projects certified under robust standards like Verra's Climate, Community & Biodiversity (CCB) and the Gold Standard, which emphasize transparency, biodiversity protection, community involvement, and sustainable development. This trend is giving rise to a premium segment within the market, where credits that align with ESG principles and contribute to multiple UN Sustainable Development Goals command higher prices. Project developers are adapting accordingly, embedding elements like indigenous rights, gender inclusion, and habitat conservation into project design to meet rising buyer expectations and regulatory scrutiny.

Key Market Players

South Pole

The Nature Conservancy

Wildlife Works

BioCarbon Partners

InfiniteEARTH

Verra

Climate Focus

Terra Global Capital

Finite Carbon

GreenCollar

Report Scope:

In this report, the Global Forestry and Land Use Carbon Credit Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Forestry and Land Use Carbon Credit Market, By Project Type:

- Afforestation
- Avoided Deforestation
- Agroforestry
- Soil Carbon Sequestration
- Others

Forestry and Land Use Carbon Credit Market, By Credit Type:

- Verified Carbon Units
- Certified Emission Reductions
- Gold Standard Credits
- Others

Forestry and Land Use Carbon Credit Market, By End-User:

- Energy & Utilities
- Manufacturing
- Transport & Logistics
- Agriculture

Others

Forestry and Land Use Carbon Credit Market, By Region:

North America

United States

Canada

Mexico

Europe

Germany

France

United Kingdom

Italy

Spain

South America

Brazil

Argentina

Colombia

Asia-Pacific

China

India

Japan

South Korea

Australia

Middle East & Africa

Saudi Arabia

UAE

South Africa

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Forestry and Land Use Carbon Credit Market.

Available Customizations:

Global Forestry and Land Use Carbon Credit Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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