+357 96 030922
info@marketpublishers.com

Global Blockchain Technology in Energy Competitive Landscape Professional Research Report 2025

https://marketpublishers.com/r/B5BC5B6D456EEN.html
Date: June 2025
Pages: 165
Price: US$ 3,500.00 (Single User License)
ID: B5BC5B6D456EEN

Abstracts

Market Overview

According to DIResearch's in-depth investigation and research, the global Blockchain Technology in Energy market size will reach 1,289.99 Million USD in 2025 and is projected to reach 8,945.58 Million USD by 2032, with a CAGR of 31.87% (2025-2032). Notably, the China Blockchain Technology in Energy market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

Research Summary

Blockchain technology is being increasingly explored and implemented in the energy sector, offering potential solutions to various challenges and driving innovation. In energy, blockchain can be utilized for peer-to-peer energy trading, allowing consumers to directly buy and sell energy with each other, bypassing traditional intermediaries. It enables the creation of decentralized energy markets, where renewable energy producers can sell their excess energy to consumers in a transparent and secure manner. Blockchain can also facilitate the tracking and verification of renewable energy certificates, ensuring the authenticity and origin of green energy sources. Furthermore, blockchain can enhance grid management and energy supply chain by enabling real-time data sharing, optimizing energy distribution, and improving system reliability and resilience. Additionally, blockchain-based solutions can enable efficient and transparent energy billing, metering, and payment systems. Although there are challenges to overcome, such as scalability and regulatory frameworks, the integration of blockchain technology in the energy sector holds great potential to revolutionize the way energy is produced, consumed, and traded, fostering a more decentralized, efficient, and

+357 96 030922
info@marketpublishers.com

sustainable energy ecosystem.

The major global suppliers of Blockchain Technology in Energy include IBM, Microsoft, Accenture, ConsenSys, Infosys, Drift, Electron, Power Ledger, LO3 Energy, Siemens, Yuanguang Software, WePower, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Blockchain Technology in Energy. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major suppliers, as well as the market status and trends of different product types and applications in the global Blockchain Technology in Energy market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Blockchain Technology in Energy market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Blockchain Technology in Energy industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Suppliers of Blockchain Technology in Energy Include:

+357 96 030922
info@marketpublishers.com

IBM

Microsoft

Accenture

ConsenSys

Infosys

Drift

Electron

Power Ledger

LO3 Energy

Siemens

Yuanguang Software

WePower

Blockchain Technology in Energy Product Segment Include:

Trading Platform

Grid Management

Other

Blockchain Technology in Energy Product Application Include:

Electric Power

Oil and Gas

+357 96 030922
info@marketpublishers.com

Renewable Energy

Others

Chapter Scope

Chapter 1: Product Research Range, Product Types and Applications, Market Overview, Market Situation and Trends

Chapter 2: Global Blockchain Technology in Energy Industry PESTEL Analysis

Chapter 3: Global Blockchain Technology in Energy Industry Porter’s Five Forces Analysis

Chapter 4: Global Blockchain Technology in Energy Major Regional Market Size and Forecast Analysis

Chapter 5: Global Blockchain Technology in Energy Market Size and Forecast by Type and Application Analysis

Chapter 6: North America Passenger Blockchain Technology in Energy Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 7: Europe Blockchain Technology in Energy Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 8: China Blockchain Technology in Energy Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 9: APAC (Excl. China) Blockchain Technology in Energy Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

12 COMPETITION BY SUPPLIERS

13 KEY COMPANIES ANALYSIS

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Blockchain Technology in Energy Competitive Landscape Professional Research Report 2025

Product link: https://marketpublishers.com/r/B5BC5B6D456EEN.html

Price: US$ 3,500.00 (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/B5BC5B6D456EEN.html