

Climate Tech Market Size, Share & Trends Analysis Report By End User (Energy & Utilities, Manufacturing Industries, Agricultural Enterprises), By Technology, By Region, And Segment Forecasts, 2025 - 2030

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Abstracts

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Climate Tech Market Size & Trends

The global climate tech market size was estimated at USD 38.50 billion in 2024 and is expected to grow at a CAGR of 20.9% from 2025 to 2030. The market growth is primarily driven by increasing regulatory pressure for carbon neutrality, rising investment in renewable energy projects, rapid advancements in green technologies, growing corporate commitments toward sustainability, and heightened public awareness of climate change impacts. Governments worldwide are implementing stricter environmental regulations, pushing industries to adopt low-carbon solutions and fueling demand for climate technologies. Major companies are committing to ambitious net-zero goals, further accelerating the adoption of clean energy, carbon capture, and sustainable agriculture innovations.

The rising government regulations and carbon neutrality targets are reshaping the climate tech market as businesses are increasingly required to invest in cleaner, more sustainable technologies. Climate tech companies are developing solutions such as carbon capture systems, renewable energy platforms, and energy-efficient products to help industries meet new environmental standards. Regulatory pressures are driving innovation and pushing companies across sectors to adopt green technologies. The growing emphasis on achieving net-zero emissions is significantly transforming the climate tech industry landscape.

Additionally, the surge in renewable energy investments is playing a key role in boosting industry growth, as governments and private sectors increasingly fund projects in solar, wind, and other sustainable energy sources. This shift is creating a strong demand for innovative climate tech solutions that can optimize energy generation, storage, and distribution. Companies are focusing on developing advanced technologies that enhance efficiency and reduce environmental impact. This growing emphasis on clean energy adoption continues to fuel the growth of the climate tech industry.

Furthermore, the surge in renewable energy adoption is gaining momentum as industries seek to reduce dependence on fossil fuels and lower their carbon footprint. Innovations in solar, wind, and energy storage technologies are making clean energy more accessible, reliable, and cost-effective. This shift toward renewable energy sources is driving the development of new climate tech solutions focused on energy efficiency, grid modernization, and smart energy management. The increasing reliance on renewables is reshaping how climate technologies are deployed, thereby accelerating the growth of the climate tech industry.

Moreover, the surge in climate-related investments and funding is significantly boosting the development of new technologies and solutions. Climate tech companies are attracting substantial capital from venture funds, private equity, and government initiatives aimed at accelerating the transition to a low-carbon economy. This trend of funding is enabling rapid innovation, scaling of sustainable technologies, and the expansion of climate-focused startups, driving overall market growth.

Global Climate Tech Market Report Segmentation

This report forecasts revenue growth at global, regional, and country levels and provides an analysis of the latest technological trends in each of the sub-segments from 2018 to 2030. For this study, Grand View Research has segmented the global climate tech market report based on end user, technology size, and region:

End User Outlook (Revenue, USD Million, 2018 - 2030)

Energy & Utilities

Manufacturing Industries

Transportation & Logistics Companies

Agricultural Enterprises

Government & Regulatory Bodies

Commercial & Residential Sectors

Non-profit Environmental Organizations

Technology Outlook (Revenue, USD Million, 2018 - 2030)

Carbon Capture, Utilization, and Storage (CCUS)

Renewable Energy Technologies

Energy Storage Technologies

Climate Risk Monitoring and Data Analytics

Sustainable Agriculture Technologies

Others

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

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Asia Pacific

China

Japan

India

South Korea

Australia

Latin America

Brazil

Middle East & Africa

Saudi Arabia

South Africa

UAE

Companies Mentioned

Google LLC

First Services A/S

Climeworks

Tesla, Inc.

Vestas

Schneider Electric

QuantumScape Battery, Inc.

Commonwealth Fusion Systems

Orbital Marine Power.

First Solar.

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