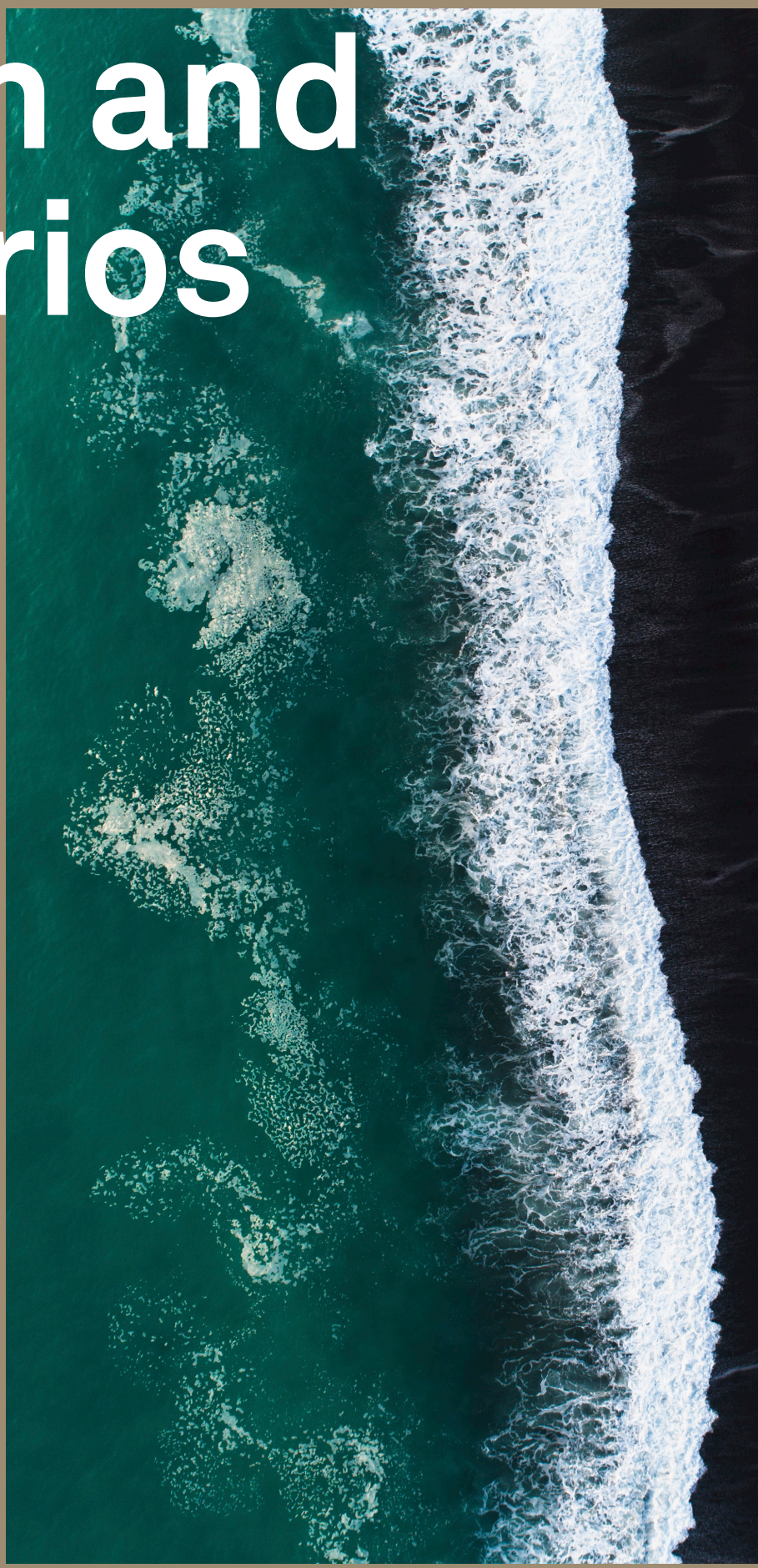
Carbon and Scenarios



S&P Global
Commodity Insights

Introducing CSM+ | Enhanced commercial model, simplified offering—limitless insights

At S&P Global Commodity Insights, we understand the unprecedented impact of energy transition and market integration on the energy and commodity markets. We seek to provide the most comprehensive source of essential intelligence to elevate your decision-making.

Our Carbon and Scenarios package empowers companies to better understand the energy transition and work with uncertainty to confidently evaluate business strategies in a changing environment. With the support of energy scenarios and net zero cases out to 2050, customers can understand the short- to long-term implications on the energy mix and emissions, based on the modeled assumptions incorporating technology advancements, climate policy, economic growth, and geopolitics. Clients can turbocharge their climate strategies with emissions data at the regional and sector level, as well as the asset and company level. In addition, carbon market price assessments and environmental certificates provide transparency for companies relying on voluntary and compliance carbon markets as a vehicle to meet climate goals and manage risk.

Overview

Geographic coverage — Global

Licensing — Enterprise-wide access

Content package options — Market Data, Market Insights, Risk Market Data

History — History initiated in 2016, Emission tracking data and forecasts to 2030, Market forecasts to 2050

Market Data

Get industry benchmark price assessments, underpinned by robust and transparent methodologies.

You get:

- Voluntary carbon markets price assessments
- Compliance carbon price assessments
- Energy attribute certificates*
- Historical Data

Market Insight

Get access to real-time updates, breaking news, analysis, forecasts, fundamental data, and tools.

You get:

- Carbon and environmental markets analytics, including Carbon Markets Daily and REC Daily
- Real-time alerts, including heards, news, commentary, and rationale
- Climate policy, actions, and metrics
- Integrated energy outlooks and scenarios
- Strategic energy transition insights
- Corporate level emissions

Risk Market Data

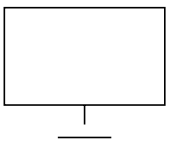
Get editorially assessed and quantitatively derived carbon forward curves data and visualization for key trading hubs.

You can:

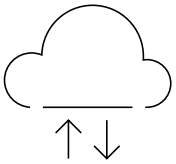
- Assess forward curves including voluntary carbon markets
- Do asset valuations and portfolio management
- Manage counterparty credit exposure and collateral requirements
- Validate internally derived curves
- Calculate key risk metrics such as Mark-to-Market and Value-at- Risk

Data and distribution

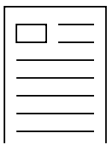
Get the edge in today's global markets with our Essential Intelligence® delivered through the providers and platforms which suit you.



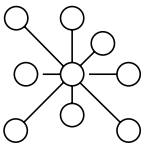
Desktop & mobile



Cloud

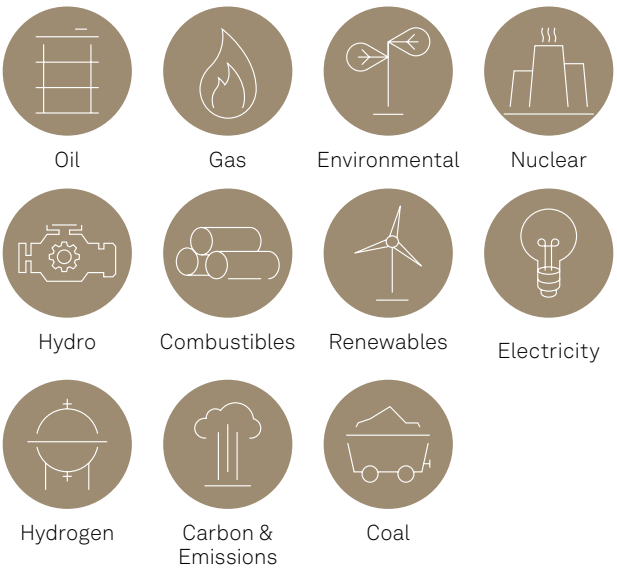


Data feed



API solutions

Markets covered:



Price assessments
Low-carbon fuel credits for various programs globally
Renewable Energy Certificates—International (IRA, IRE, IRP)
Renewable Energy Certificates—Regional
Guarantees of Origin
Renewable Capture Price Indices
Environmental Markets such as Methane Performance Certificates (MPC), European Biomethane (EBM), ICS, EEX, NASDAQ emission allowances (IB, EU)

Why choose this service

Make confident strategic planning decisions based on detailed scenario modelling.

- Have better strategic alignment to net-zero goals with global energy integrated long-term scenarios and net zero cases out to 2050.
- Identify emissions impact from portfolio and investment decisions.
- Assess emissions intensity and benchmark against peers.
- Optimize renewable energy portfolios and compliance strategies by leveraging up to date market research on Renewable Energy Certificates (RECs).
- Gain deep insights on climate policy and implications.

Key market insights

Integrated Energy Scenarios: A base case, alternative plausible scenarios and net-zero cases that use cross-commodity data and reports to show how climate policy, the energy fuel mix, and emissions trajectories may evolve. Recently enhanced with more powerful data visualization dashboards and other key features: Scenarios Sensitivity editor, allowing you to easily test the impact of different assumptions on our base case; and Scenario Builder, enabling you to run sensitivities incorporating your own assumptions against our any of our scenarios and create bespoke scenario outputs.

Corporate level emissions: Interactive database to identify, track, and benchmark corporate GHG emissions across value chains and portfolios

Climate policy, actions, and metrics: Analysis of global and national climate policy, including economy-wide and sector-specific climate change mitigation and adaptation policies and measures, along with analysis of the nationally determined contribution (NDC) submissions in support of the Paris Climate Agreement.

Carbon and environmental market data and analytics: Coverage of compliance and voluntary carbon market fundamentals, including balances, outlooks, credit price forecasts, scorecards, and evaluations with in-depth analysis of existing and proposed carbon policies and resulting implications for the energy transition, including:

- **Carbon Markets Daily:** Analysis of market fundamentals to insights on emerging trends and factors driving carbon market prices.
- **REC Daily:** The only market report published on a daily basis by a PRA that provides dedicated coverage of global environmental markets.

Strategic energy transition insights: High-touch executive briefings, spotlighting key topics in oil, gas, and climate by offering concise, actionable insights for the C-suite.

How customers are using our data and insights

Executives, Chief Economists

Explain the long-term business environment to stakeholders. Understand trends in the face of uncertainty and conflicting data. Analyze the economic impact of climate policies and carbon pricing on the business. Make informed decisions on long-term investments and resource allocation.

Strategy & Planning

Develop and refine corporate strategies to align with climate goals and market trends. Model various strategic options against different climate and energy scenarios.

Sustainability

Assess resilience strategy, highlight opportunities in the energy transition. Develop initiatives to reduce carbon footprint and achieve sustainability targets.

Project Developers

Assess the viability of new projects considering carbon pricing and regulatory impacts. Optimize project investments based on climate and energy market forecasts. Assess viability of projects across multiple scenarios to address uncertainty.

Strategic Marketing

Develop a comprehensive understanding of the energy transition landscape to drive opportunities in key regions and sectors.

Carbon Trading Desks

Analyze carbon market trends and price forecasts to inform trading strategies. Develop strategies to hedge against carbon price volatility.

Energy Procurement Managers

Monitor changing market dynamics influenced by climate policies and energy transition to assess options for alternative fuels and renewable energy sources.



About S&P Global Commodity Insights

At S&P Global Commodity Insights, our complete view of global energy and commodities markets enables our customers to make decisions with conviction and create long-term, sustainable value.

We're a trusted connector that brings together thought leaders, market participants, governments, and regulators to co-create solutions that lead to progress. Vital to navigating Energy Transition, S&P Global Commodity Insights' coverage includes oil and gas, power, chemicals, metals, agriculture, and shipping.

S&P Global Commodity Insights is a division of S&P Global (NYSE: SPGI). S&P Global is the world's foremost provider of credit ratings, benchmarks, analytics and workflow solutions in the global capital, commodity and automotive markets. With every one of our offerings, we help many of the world's leading organizations navigate the economic landscape so they can plan for tomorrow, today. For more information, visit spglobal.com/commodity-insights.

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