

# Driving sustainable growth with trusted climate data

Climate change has emerged as the biggest environmental challenge of our time, posing significant risks and opportunities for businesses and investors alike. Climate transition data and analytics are needed to measure and decarbonise portfolios, assess climate-related risks and opportunities, comply with regulations and make sound competitive decisions.

## LSEG climate data

LSEG has one of the most comprehensive climate transition data sets in the industry, empowering customers to drive sustainable growth. LSEG climate data provides customers with a diverse set of reported climate data measures aligned with the latest disclosure standards, sophisticated analytics and innovative estimated emissions models, coupled with complementary third-party climate data.

Whatever your specific need, at LSEG, we curate verifiable climate management, ambition and performance (**Climate MAP**) data to help you navigate the complexities of the climate transition on your businesses and portfolios. LSEG climate data enables customers to confidently make investment, finance and strategy decisions as well as meet regulatory reporting obligations.

Our climate and net zero capabilities bridge research, data, analytics and indices

### Key LSEG climate data statistics:

Total companies: **18.5K+ (as reported)**  
**30k+ (estimated)**  
Metrics: **880+**

History: **from 2002**  
Quality checks: **1,500+**

Frequency of updates: **weekly**  
Speed to process data: **avg. 4 weeks**

## Our comprehensive Climate MAP data covers three core pillars:

- **Management:** a company's governance of the transition to net-zero
- **Ambition:** companies' commitments and future ambition towards decarbonisation
- **Performance:** companies' actual performance towards climate change targets

## What you get with LSEG climate data

- **Transparency:** we provide full auditability of the underlying data and source documentation for all as-reported data across all historical periods. Capturing restatements for up to five years.
- **New estimated emissions:** our hierarchical, multi-model approach provides data with improved accuracy and reduces the risk of underestimating emissions.
- **Forward-looking KPIs:** we provide comprehensive company transition plans and targets data based on the latest disclosure standards.
- **Implied Temperature Rise:** our new model, based on NGFS scenarios, provides data to assess companies' alignment to their sectoral pathway.
- **Deep climate expertise:** our award-winning, expert climate researchers, data scientists and thought leadership content have a proven track record.

### As-reported climate data

Detailed climate data collected, quality controlled and normalised from companies' public disclosures including auditability back to the source documents

- 18.5K companies covered
- History from 2002
- 98 existing LSEG as-reported climate data measures
- 295 **new** as-reported climate data measures
- Total of **393** as-reported climate data measures

Examples of data: GHG (greenhouse gas) emissions, energy use and production, transition plans and governance, targets and trajectories.



### Estimated emissions – Scope 1, 2 and 3

Robust multi model approach which improves data accuracy, reduces risk of underestimated emissions, alongside the transparency of sources

- 30k+ public companies covered
- History from 2015
- Supporting Partnership for Carbon Accounting Financials (PCAF) quality score assessment at a company level

Examples of data: Scope 1, 2 and 3.

### CDP (formerly the Carbon Disclosure Project)

Climate data as provided by companies in response to CDP annual survey

- 4K companies covered
- History from 2015
- 304 CDP data measures

Examples of data: GHG emissions, targets, board oversight, energy consumption and production.



### Carbon reserves

Detailed production and reserves data for coal, oil and gas companies sourced from public disclosures

- 836 public companies covered
- History from 2008 for coal companies
- History from 2013 for oil and gas companies
- 94 data measures

Examples of data: oil reserves – proved and probable; coal reserves – proved, contained; natural gas reserves – proved.



### GHG emissions momentum and intensity indicators

A set of analytics calculating momentum and year on year change of company emissions as well as intensity ratios calculated using revenues and EVIC

- 15.5K companies covered
- History from 2016
- 35 Paris Aligned Benchmarks (PAB) indicators
- 16 EVIC indicators are added to support SFDR and PCAF

Examples of data – Paris Alignment flag, annual change in emissions across all scopes, total CO2 to EVIC, flaring gases to EVIC, energy use to EVIC.



### Implied Temperature Rise (ITR)

Based on NGFS Below 2°C scenarios, our ITR model provides a range of forward-looking data enabling users to look at a company's GHG emissions trajectories from an alignment perspective.

- 27k+ public companies
- High and low scenarios GHG emissions projections
- With and without GHG emissions mitigation target projections

Examples of data: ITR, total GHG emissions over the period and GHG emission trajectories (projections and benchmark).

To complement LSEG climate data, customers can also access [TPI Management Quality Scores](#), powered by LSEG, which assess companies' climate governance activities in line with TCFD recommendations.

## How to access LSEG climate data

Our extensive climate data is available via:

- [LSEG Workspace](#) – our market-leading ecosystem of insights, news and cutting-edge analytics.
- LSEG data platform – our cloud-native solution which uses the latest technologies to ensure highly scalable, resilient and secure delivery in CSV and JSON formats.
- Snowflake – a cloud-based data platform that enables you to store, process, analyse and share any type and amount of data with ease and efficiency.
- Bulk feed via Datastream Data Loader for access via secure FTP. Provides quick & easy integration alongside other market leading LSEG Sustainable Finance data sets such as ESG, FTSE Russell Green Revenues, SFDR & Sovereign ESG.
- Interactive access via Datastream Web Service – our Interactive Web Service tool enabling custom request structure – just receive the data points required via standard protocols or via Python or R.

Discover more about [LSEG Climate Transition Data](#)

## ABOUT LSEG

LSEG is one of the world's leading providers of financial markets infrastructure and delivers financial data, analytics, news and index products to more than 40,000 customers in over 170 countries.

We help organisations fund innovation, manage risk and create jobs by partnering with customers at every point in the trade lifecycle: from informing their pre-trade decisions and executing trades to raising capital, clearing and optimisation.

Backed by more than three centuries of experience, innovative technologies and a team of 25,000 people in over 60 countries, we are driving financial stability, empowering economies and enabling you to grow sustainably.

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