

# Trucost Environmental Model 3.0

## Summary

The [Trucost Environmental](#) dataset is utilized across all market segments and geographies to help clients measure, manage and report their environmental impacts. With the landscape for sustainability metrics and the regulatory market evolving quickly, we are updating our data collection systems and estimation model to provide our clients with a best-in-class product that delivers the highest quality data.



We are enhancing fundamental aspects of the environmental model to:



Reflect the current and future economy including transitional and green activities



Enable the expansion of data metrics required for regulatory reporting



Leverage corporate operational data and enhance environmental modelling methodologies with additional corporate disclosures and sector-based studies



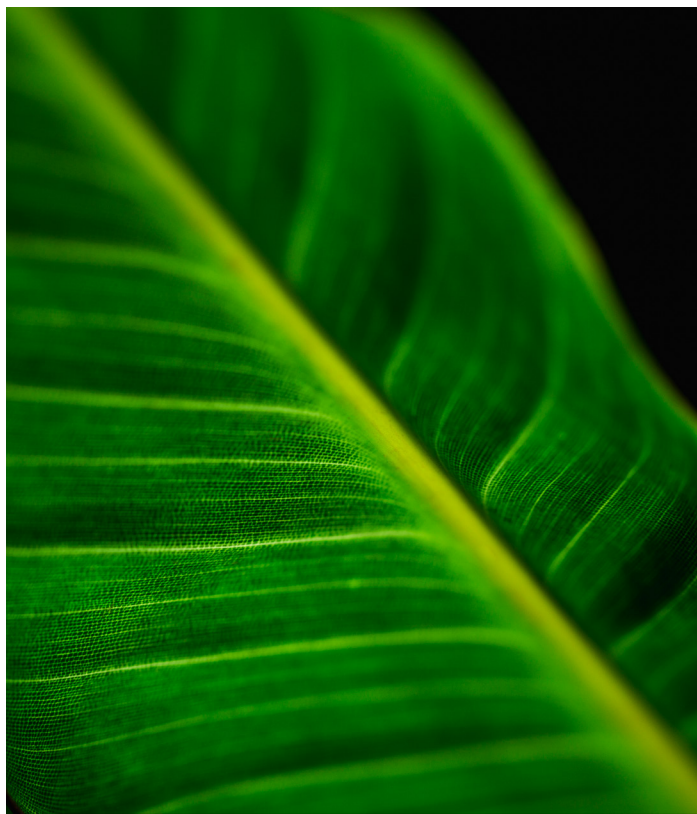
Support audit requirements through source referencing, controls and documentation



Highlight the full capabilities and differentiators of S&P Global

## Enhancement Highlights

- **Expanding Trucost Business Activities from 464 to >1,000**
  - Increasing granularity of business activity taxonomy to better identify sustainability risks and opportunities, diversified companies, and those embracing the transition to a lower carbon economy
- **Updating and expanding Direct Estimation Factors**
  - Updating factors informed by industry data, corporate disclosures and scientific sources
  - Including production-based modelling for PCAF alignment and smoothed volatility
- **Increasing standards alignment and transparency**
  - Expanding water data metrics
  - Including additional metrics in As Reported data collection process
  - Introducing **Land Use** as an additional environmental metric category
- **Updating the Input-Output model**
  - Updating the underlying activity spend matrix
  - Enhancing the upstream modelling process to incorporate Scope 3 Upstream corporate disclosures
  - Including Geo-specific electric grid factors into Scope 2 Location-based modelling
- **Incorporating Geo-specific valuation coefficients**
  - Updating Damage Costs for pollutants and resources to be informed by country-specific factors such as population density and water stress



## Impacts on downstream datasets

The Trucost Environmental data is a foundational input into many other climate transition and regulatory products in S&P Global, and therefore the enhancements listed above will also be reflected in the following products over time.

[Trucost Environmental: Private Companies](#)

[GICS Sector Averages](#)

[Trucost Carbon Earnings At Risk](#)

[Trucost Paris Alignment](#)

[Net-Zero Commitments Tracker](#)

[Nature & Biodiversity Risk](#)

Trucost Sustainable Development Goals (SDG)

[EU Sustainable Finance Disclosure Regulation \(SFDR\)](#)

[S&P Global SFDR Sustainable Investment Framework](#)

[S&P Global EU Taxonomy Data](#)

## Frequently Asked Questions

### How will these model enhancements affect:

#### • Data Quality?

- The quality of the data will increase as the underlying direct estimation factors will be informed by more recent industry disclosures and scientific sources. The inclusion of country-specific factors in the Scope 2 location-based modelling process will also increase the accuracy of the published metric.

#### • Timeliness of data updates?

- These specific Environmental Model enhancements will not directly improve the timeliness of the collection and publishing process, but the ongoing capture of As Reported data is intended to dramatically shorten the overall timeline for published data.

#### • Coverage?

- These specific Environmental Model enhancements will not affect coverage, but increasing company and metric coverage is an ongoing S&P Global Sustainable1 priority.

#### • Transparency?

- There will be a detailed methodology document providing additional information, including the sources used for modelling purposes.

#### • Granularity?

- There will be increased granularity of Trucost Business Activities and additional metric granularity, for example the breakout of individual Scope 3 Upstream categories.

#### • Auditability?

- Company public disclosures will be fully referenced. We will also be conducting reasonable assurance on the new model with an external consultant.

### What is the timeline for the completion of the new model?

- The initial beta launch will affect S&P Capital IQ Pro (CIQPro) Environmental Profile and History pages only. The updates will be rolled out to CIQPro workflow and analytical tools (Screener, Portfolio Analytics, Excel templates) and other data delivery platforms (Xpressfeed, XpressAPI, Snowflake, EDX) at a later date. We will provide more detail into the timelines for these subsequent rollouts as we get closer.

### What is the timeline for the beta launch on the CIQPro Environmental Profile and History pages?

- Due to the breadth and depth of the enhancements, the rollout of the eModel 3.0 will occur over phases.
  - **Phase 1, beta release expected April, 2025**
    - Business Activity Expansion
    - Water Consumption, Water Withdrawal and Land Use metrics

- Metals & Mining production-based modelling

- Scope 3 Upstream category breakout

- Expansion of fuel type coverage

#### • Phase 2, expected Q3 2025

- Electricity, Oil & Gas production-based modelling
- Rollout of revised Fossil Fuel Reserves and Mining Data packages

- Partial rollout of source tagging, including document name and link

#### • Phase 3, expected Q4 2025

- Cement production-based modelling
- Fully referenced and auditable dataset meeting reasonable assurance standards

### Will there be formatting changes to the delivery?

- Yes, there will be new fields and reclassification of existing metrics. The exact updates will be made available closer to the release of the enhancements. Please reach out to [esgclientengagement@spglobal.com](mailto:esgclientengagement@spglobal.com) or your S&P Global account team to discuss the specific changes expected.

### Will the original data be available?

- Yes, data generated using the current iteration of the environmental model will continue to be provided to those clients that are not ready to ingest the new model data. We are expecting to provide the data generated by both models concurrently for 12-14 months post-launch, after which the intention is to retire the previous environmental model.

### Will the new model be applied historically?

- Yes, the Trucost Environmental dataset will run the new model for fully modelled data going back to FY 2005. The increased granularity of Trucost Business Activities and additional water data categories have been collected since FY 2021 research cycle.

### Will there be any changes to the environmental categories covered?

- We are introducing the Land Use category as an additional Environmental category.
- Damage costs will continue to be applied to monetize the environmental impacts associated with GHGs, Air Pollution, Land & Water Pollution, Waste, Water Use and the new Land Use category.
- The existing category Natural Resource Use will remain but won't have damage costs associated. The environmental impacts of natural resource production will instead be reflected in the environmental externalities associated with the production process itself.



## Contact

Please reach out to [esgclientengagement@spglobal.com](mailto:esgclientengagement@spglobal.com) or your S&P Global account team with any questions.

## Need Essential Sustainability Intelligence? Reach out today!

---

### About S&P Global Sustainable1

[S&P Global Sustainable1](#) is the central source for sustainability intelligence from S&P Global. Sustainable1 matches customers with the sustainability products, insights and solutions from across S&P Global's divisions to help meet their unique needs. Our comprehensive coverage across global markets combined with in-depth sustainability intelligence provides financial institutions, corporations, and governments with expansive insight on business risk, opportunity, and impact as we work towards a sustainable future. Our data and well-informed point of view on critical topics like energy transition, climate resilience, positive impact, and sustainable finance allow us to go deep on the details that define the big picture so customers can make decisions with conviction.

### About S&P Global

[S&P Global](#) (NYSE: SPGI) is the world's foremost provider of credit ratings, benchmarks, and analytics in the global capital and commodity markets, offering sustainability solutions, deep data and insights on critical economic, market and business factors. We've been providing essential intelligence that unlocks opportunity, fosters growth, and accelerates progress for more than 160 years. Our divisions include S&P Global Ratings, S&P Global Market Intelligence, S&P Dow Jones Indices, S&P Global Mobility, and S&P Global Commodity Insights.

### Copyright © 2025 by S&P Global Inc. All rights reserved.

This content (including any information, data, analyses, opinions, ratings, scores, and other statements) ("Content") has been prepared solely for information purposes and is owned by or licensed to S&P Global Inc. and/or its affiliates (collectively, "S&P Global"). This Content may not be modified, reverse engineered, reproduced or distributed in any form by any means without the prior written permission of S&P Global. You acquire absolutely no rights or licenses in or to this Content and any related text, graphics, photographs, trademarks, logos, sounds, music, audio, video, artwork, computer code, information, data and material therein, other than the limited right to utilize this Content for your own personal, internal, non-commercial purposes or as further provided herein. Any unauthorized use, facilitation or encouragement of a third party's unauthorized use (including without limitation copy, distribution, transmission or modification, use as part of generative artificial intelligence or for training any artificial intelligence models) of this Content or any related information is not permitted without S&P Global's prior consent subject to appropriate licensing and shall be deemed an infringement, violation, breach or contravention of the rights of S&P Global or any applicable third-party (including any copyright, trademark, patent, rights of privacy or publicity or any other proprietary rights). This Content and related materials are developed solely for informational purposes based upon information generally available to the public and from sources believed to be reliable. S&P Global gives no representations or warranties regarding the use of this Content and/or its fitness for a particular purpose and references to a particular investment or security, a score, rating or any observation concerning an investment or security that is part of this Content is not a recommendation to buy, sell or hold such investment or security, does not address the suitability of an investment or security and should not be relied on as investment advice. S&P Global shall have no liability, duty or obligation for or in connection with this Content, any other related information (including for any errors, inaccuracies, omissions or delays in the data) and/or any actions taken in reliance thereon. In no event shall S&P Global be liable for any special, incidental, or consequential damages, arising out of the use of this Content and/or any related information. The S&P and S&P Global logos are trademarks of S&P Global registered in many jurisdictions worldwide. You shall not use any of S&P Global's trademarks, trade names or service marks in any manner, and in no event in a manner accessible by or available to any third party. You acknowledge that you have no ownership or license rights in or to any of these names or marks.

See additional Disclaimers and terms of use at <https://www.spglobal.com/en/terms-of-use>