Trucost, part of S&P Global, assesses risks relating to climate change and environmental, social, and governance (ESG) factors. Regulators, investors, and customers expect companies to understand and manage these risks - and also capture new business opportunities created by the transition to a lower carbon, more sustainable economy.

Trucost works with companies to quantify ESG performance across operations, supply chains, products and technologies, in a way that is meaningful to business managers and stakeholders. Companies use Trucost data and analytics to:

- Quantify exposure to ESG risks and understand how they should be managed
- Inform decision-making on business strategies and investments in more sustainable operations, products, supply chains, and technologies
- Uncover business opportunities associated with low carbon, greener, or more sustainable products and services
- Report on ESG performance to investors and other stakeholders

Over the past 18 years Trucost provided sustainability reporting for more than 100 Companies including some of the largest listed companies.

Trucost models provide robust data essential for business decision making and external reporting.

Trucost’s database, covering over 14,000 companies, is one of the worlds largest and most comprehensive which gives us our wide-ranging expertise across ESG measurement, reporting, and benchmarking.

130 Regions covered in Trucost Carbon pricing tool.

40+ SDG related activities.

20 environmental and social impact methodologies.
ESG Analytics & Tools

We combine science-based data, economic and life-cycle based models with financial analysis to deliver business focused ESG insight.

ESG Disclosure Reports
For first time ESG disclosure, benchmarking and materiality

Carbon & Environmental Footprints
Operations, products, and supply chain

Climate Risk Analysis
Including carbon pricing, green transition, and Taskforce on Climate related Financial Disclosure reporting (TCFD)

Water Risk Assessment

Supply Chain ESG Risk Analysis

UN Sustainable Development Goal (SDG) Evaluation

Positive Impacts – Net Benefit assessment and Total Value analysis

Our data and analytics are designed to support companies along their corporate sustainability journey, whether they are just getting started with first time ESG disclosure and carbon footprints or those companies that are seeking advanced analytics to monetize financial risk, positive impacts and more specialised disclosures, for example in line with the United Nations Sustainable Development Goals (SDGs).

ESG Data

To help companies embed ESG considerations in performance dashboards, ratings and rankings, and supply chain management tools, our data is available direct into technology platforms.

Trucost Corporate ESG Performance Data
Trucost data allows organizations to score companies or suppliers on ESG performance, or benchmark ESG performance against peers.


ESG Materiality and Disclosure

Companies need to understand which ESG issues are relevant to their business, and report on them in a way that is informative to its stakeholders. By focusing on concise, business-focused, data-driven disclosure, Trucost delivers practical insight that help companies navigate corporate ESG disclosure.

Trucost works with companies to:
- Understand which ESG issues are most material to the business
- Benchmark performance against peers and industry averages, and using best practice disclosure frameworks and company disclosure data
- Develop robust ESG reports for external disclosure
Quantified ESG Impact and Risk

Trucost identifies the environmental, social and economic factors that create risk and opportunity for companies, and quantifies these impacts using best practice methods and reporting standards. Trucost is able to provide a detailed profile of supply chain performance and risk exposure quantified across suppliers and spend categories, which makes it possible to prioritize high-risk suppliers and commodities.

Trucost analytics support companies in:
- Quantifying environmental and social impacts (including carbon and water footprints) of operations, supply chains, products and technologies.
- Understanding how these impacts can be realized as financial costs, for example through increased regulation or resource constraints.
- Setting targets, prioritizing investments, and engaging with suppliers.
- Reporting on ESG performance to customers and stakeholders.

Managing Climate Risks and TCFD Disclosure

Trucost’s specialized analytics help companies understand their climate impacts, as well as their financial exposure to climate related risks and opportunities. Our analytical tools allow you to:
- Quantify greenhouse gas emissions of company operations and supply chains.
- Set an internal carbon price and understand how carbon pricing may affect your profitability now, and in the future, under different climate scenarios.
- Compare the environmental and financial returns of investments in green technologies or bonds, in line with climate targets.
- Understand the financial implications of climate-related risks and opportunities arising from new policies, technology or market transformation, and physical climate risks.
- Report on climate risks and opportunities based on TCFD recommendations.

Climate risk scenarios and business model stress test for TCFD reporting

<table>
<thead>
<tr>
<th>Operating Margin (%)</th>
<th>2020</th>
<th>2025</th>
<th>2030</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business as Usual</td>
<td>30%</td>
<td>20%</td>
<td>15%</td>
</tr>
<tr>
<td>Moderate Carbon Price Scenario</td>
<td>25%</td>
<td>15%</td>
<td>10%</td>
</tr>
<tr>
<td>Low Carbon Price Scenario</td>
<td>20%</td>
<td>10%</td>
<td>5%</td>
</tr>
<tr>
<td>High Carbon Price Scenario</td>
<td>15%</td>
<td>5%</td>
<td>0%</td>
</tr>
</tbody>
</table>

Data is provided for illustrative purposes.

Communicating Positive Benefits

Increasingly companies need to communicate the positive benefits of their business models, beyond just reporting on financial performance. Trucost has developed specialized analytical tools for companies to credibly quantify these positive benefits, which can include:
- Total Value quantification of the company’s environmental, social and financial performance for integrated reporting.
- Business model risks and opportunities that are aligned to the United Nations Sustainable Development Goals (SDGs).
About Trucost
Trucost is part of S&P Global. A leader in carbon and environmental data and risk analysis, Trucost assesses risks relating to climate change, natural resource constraints, and broader environmental, social, and governance factors. Companies and financial institutions use Trucost intelligence to understand their ESG exposure to these factors, inform resilience and identify transformative solutions for a more sustainable global economy. S&P Global’s commitment to environmental analysis and product innovation allows us to deliver essential ESG investment-related information to the global marketplace. For more information, visit www.trucost.com.

About S&P Global
S&P Global (NYSE: SPGI) is a leading provider of transparent and independent ratings, benchmarks, analytics and data to the capital and commodity markets worldwide. For more information, visit www.spglobal.com.

©2019 S&P Trucost Limited (“Trucost”), an affiliate of S&P Global Market Intelligence. All rights reserved.

The materials have been prepared solely for informational purposes based upon information generally available to the public and from sources believed to be reliable. No content contained in these materials (including text, data, reports, images, photos, graphics, charts, animations, videos, research, valuations, models, software or other application or output therefrom or any part thereof (“Content”) may be modified, reverse engineered, reproduced or distributed in any form or by any means, or stored in a database or retrieval system, without the prior written permission of Trucost. Trucost, its affiliates and their licensors do not guarantee the accuracy, completeness, timeliness or availability of the Content. Trucost, its affiliates and their licensors are not responsible for any errors or omissions, regardless of the cause, for the results obtained from the use of the Content. THE CONTENT IS PROVIDED ON AN “AS IS” BASIS. TRUCOST, ITS AFFILIATES AND LICENSORS DISCLAIM ANY AND ALL EXPRESS OR IMPLIED WARRANTIES, CONDITIONS, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE, FREEDOM FROM BUGS, SOFTWARE ERRORS OR DEFECTS, THAT THE CONTENT’S FUNCTIONING WILL BE UNINTERRUPTED OR THAT THE CONTENT WILL OPERATE WITH ANY SOFTWARE OR HARDWARE CONFIGURATION. In no event shall Trucost, its affiliates or their licensors be liable to any party for any direct, indirect, incidental, exemplary, compensatory, punitive, special or consequential damages, costs, expenses, legal fees, or losses (including, without limitation, lost income or lost profits and opportunity costs) in connection with any use of the Content even if advised of the possibility of such damages.

Neither Trucost, nor any of its affiliates, nor any of their respective directors, officers, employees, partners or licensors make any claim, prediction, warranty or representation whatsoever, expressly or impliedly, either as to the results to be obtained from the use of any Content or the fitness or suitability of any Content for any particular purpose to which they might be put.

Neither Trucost, nor any of its affiliates nor any of their respective directors, officers, employees, partners or licensors provide investment advice and nothing in these materials nor should any links thereto be taken as constituting financial or investment advice or a financial promotion. Neither Trucost, nor any of its affiliates nor any of their respective directors, officers, employees, partners or licensors make any representation regarding the advisability of investing in any asset. A decision to invest in any such asset should not be made in reliance on any information herein. Inclusion of an asset in a report is not a recommendation to buy, sell or hold that asset. The general information contained in these materials or any links thereto should not be acted upon without obtaining specific legal, tax, and investment advice from a licensed professional.

www.trucost.com