

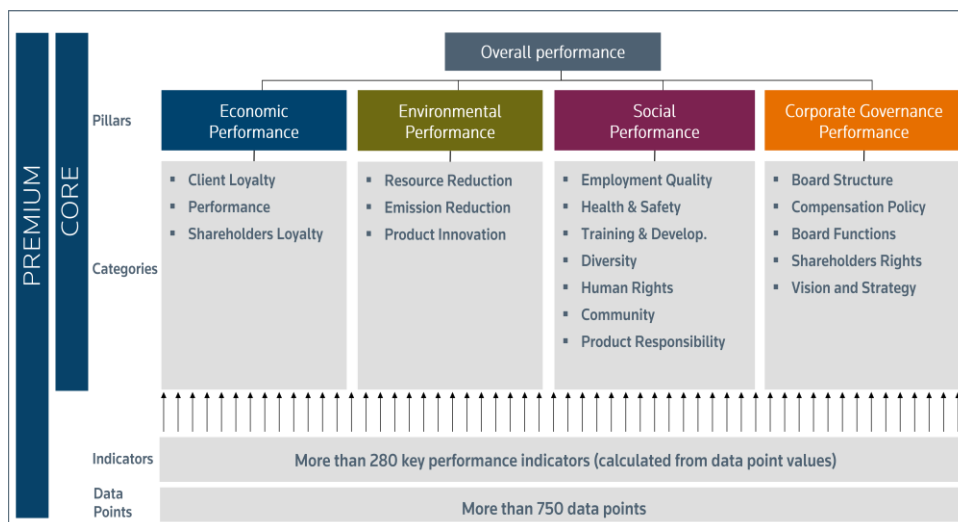
ASSET4 ESG DATA

IN-DEPTH ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG)
INFORMATION ON OVER 3,400 GLOBAL COMPANIES

How companies respond to issues such as climate change, environmental risk, health & safety and executive remuneration are becoming as important as traditional financial metrics when evaluating corporate performance. Now for the first time hundreds of these environmental, social and governance (ESG) factors can be integrated into your quantitative analysis.

Thomson Reuters provides access to in-depth, objective and comparable ESG data on over 3,400 global companies. The data framework shown below offers an overview of how the 750+ data points and 280+ key performance indicators (KPI) are integrated and structured into 18 categories. For each of these categories the system creates a score reflecting the performance of a company in all the KPIs within that category, which is then combined with the other categories into a pillar. Each pillar represents one of four areas of corporate performance: economic, environmental, social and corporate governance, which when combined provide an overall performance assessment. Each data point, KPI, category, pillar and overall score are available.

To be comparable across all companies and markets, and thus useful for quantitative analyses, our analysts take the ESG data, which lacks fully accepted reporting standards, and transform it into consistent units to enable an "apples" to "apples" quantitative analysis of this qualitative data.



Comprehensive and timely ESG data:

- The largest coverage in the ESG industry with over 3,400 companies.
- We cover the following indices: FTSE 250, S&P 500, NASDAQ 100, DJ STOXX, Russell 1000, S&P ASX 200 and MSCI World.
- Our scores are updated on a bi-weekly basis to reflect the most recent ESG data and ESG-related news controversies that involve any of the companies in the universe.

KEY FEATURES

- In-depth ESG data on 3400+ global companies
- 750+ ESG data points covering every aspect of sustainability reporting
- 280+ KPI including a normalized score and the actual computed value
- History back to 2002 on over 1000+ companies
- Ratings are updated on a bi-weekly basis
- Media controversy and negative screening information included

PACKAGES

Core

- Overall performance
- Pillars
- Categories

Premium

- Overall performance
- Pillars
- Categories
- Indicators
- Data points

DELIVERY

- Quantitative Analytics (QA Direct, MarketQA)
- FTP datafeed

Objective, comparable and transparent data

- Only publicly available sources (e.g. annual reports, NGO websites, CSR reports) are used.
- Our over 100 analysts use their expertise to collect relevant, comparable (companies often report in different units, scopes and formats) and up-to-date information.
- Every answer to every data point question goes through a multi-step verification and quality control process.

Scores as equity selection factors

- A recent study* of the ASSET4 data stated that "ASSET4's ESG overall score and pillar scores have significant value as stock selection factors with their value generally increasing with the duration of the investment horizon."
- The research went on to say that this is consistent with the "theory that the ASSET4 ESG scores represent an overall measure of the quality of a company's business practices, identifying those companies that look beyond the next quarter and manage with an emphasis on creating long-term shareholder value."

A sample of data points and KPIs included in the Premium:

Environmental	Social	Corporate Governance
Energy Use Total	Employees Leaving	Audit Committee Independence
Electricity Purchased	Turnover of Employees	Compensation Committee Independence
Water Withdrawal Total	Total Injury Rate	Nomination Committee Independence
Water Recycled	Accidents Total	Board Meeting Attendance Average
CO2 Equivalents Emission Total	Lost Time Injury Rate	Board Gender Diversity
NOx Emissions	Lost Working Days	Compensation Policy/ Sustainability Compensation Incentives
SOx Emissions	Average Training Hours	Senior Executive Total Compensation
VOC Emissions	Training Costs Total	Board Member Total Compensation
Waste Total	Women Employees	Experienced Board
Waste Recycled Total	Women Managers	Highest Remuneration Package
Hazardous Waste	Average Age	Anti Takeover Devices
Environmental Management System Certified Percent	Donations Total	Non-Executive Board Member Total
Spills and Pollution Controversies	Health & Safety Controversies	Compensation Controversies

* J. Ribando, G. Bonne, 2010, A New Quality Factor: Finding Alpha with ASSET4 ESG Data, StarMine white paper.