



ESG DATA IN EIKON

Quick Start Guide

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REFINITIV ESG DATA

Throughout history holders of financial assets have made decisions based on multiple factors and not purely based on return on investments. Refinitiv provides a rich source of ESG research data, providing performance information for in-depth, responsible investment analysis, helping asset managers meet the sustainable investment mandates of their clients, and identify risks in their portfolios.

Refinitiv ESG data is carefully extracted and standardized from publicly available sources (e.g. annual reports, NGO websites and Corporate Social Responsibility reports). Over 150 content analysts are trained to collect ESG data using their industry experience to consistently interpret and extract relevant, comparable (companies often report in different units, scopes and formats) and up-to-date information.

Within Eikon ESG data can be found in:

Screener	Fund Screener	Company Overviews
Portfolio Analytics	Bond overview	Monitor
Excel Add-In	Datastream	Industry
Sustainable Leadership Monitor	News Monitor	Watchlist Pulse
CARBON	Courtwire	Advanced Research Search
Search & Discover		

Helping You Operate an ESG Investment Strategy

Refinitiv ESG data enables you to perform:

- Ethical / Negative Screening
- Involves the avoidance of companies involved in 'unethical' activities, such as the manufacture of armaments, tobacco, publication of pornography etc.
- Positive/ Best in Class Screening
- Also requires companies to demonstrate an active, positive contribution to sustainable development and lead their peer group in respect of environmental and social performance
- Governance and Engagement
- An active form of corporate governance which involves constructive dialogue between fund managers and companies to improve environmental and social performance
- Integrated Analysis
- An investment style that integrates analysis of environmental and social issues into financial analysis to identify additional sources of risk and opportunity and enhance investment decision making

Our Extensive ESG Coverage

Refinitiv ESG universe comprises of 10,000+ global, public organizations. It has grown over the years as we include additional indices to our coverage. Below is a comprehensive list of all indices we track on a semi-annual basis to include any newly added constituents.



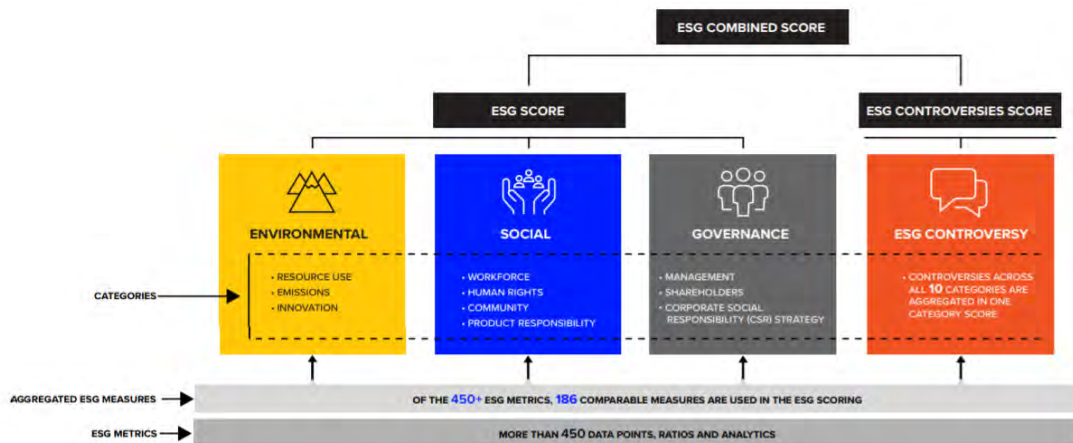
ESG Company Comparison & Data Auditability In Eikon

Refinitiv Eikon carries multiple supports to help you compare firms on various ESG criteria, allowing you to see where data are coming from. This data is essential to help:

- Build a sustainable / ESG portfolio
- Review stocks you hold in funds
- Check if those stocks are still eligible to stay in their portfolios.

A team of 150 analysts gather data on 10,000 stocks with history going back to 2002. Those data are available as reported but also translated into more than 450 metrics, +70 analytics and scores on more than 10 themes.

Additionally, we provide controversies on 32 topics with a specific score on controversies.



This guide goes into detail on where and how to access ESG data in Eikon.

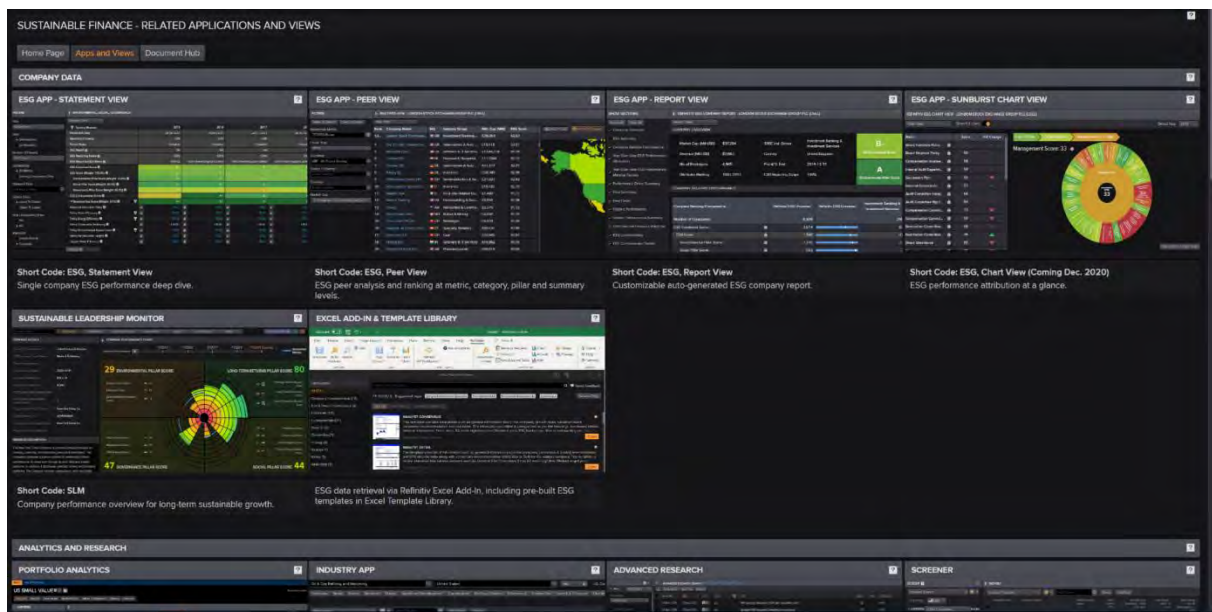
ESG DATA IN EIKON

SUSTAINABLE FINANCE APP

The Sustainable Finance Landing Page in Eikon provides an overview of the ESG related apps within the product.

The homepage provides a one stop shop for all sustainable finance info and apps – including news, Refinitiv insights, macro charts focusing on sustainable issues and performance overviews of ESG based indices

The Apps and View tab provides you with a view of all relevant capabilities within Eikon where you can easily click through to the app or view you are interested in exploring.



The Document Hub tab provides you with links to more information including to how the Refinitiv ESG Scores are calculated, how ESG data is quality assured and more details into getting the most out of Eikon apps.

ESG COMPANY OVERVIEW

The ESG tab within a company overview, displays all the information related to a specific stock:

This information is split between 4 views:

- Statement
- Peer
- Report
- Chart

The data can be viewed As Reported (published by the company) or Standardized (reworked by Refinitiv to easily compare companies)

ESG Statement View

ESG scores are presented for all Pillars, including controversies, and can be selected from the menu on the left-hand side of the view.

- Reporting scope, combined, overall and pillar scores are all displayed along with specific metrics within the pillar.
- By clicking on graph icon beside an ESG data-point, you will see how this company performs against its sector
- The exclamation point outlines more about what a specific data point represents and what function can be used in excel to retrieve it
- The trophy icon highlights if the data-point is used to calculate a specific score and how it impacts this score

The screenshot displays the Refinitiv ESG Statement View for Adidas AG (ADSGN.DE). The interface includes a filters menu on the left, a main table of ESG metrics, and a tooltip for the 'Policy Water Efficiency Score Metric'.

Filters Menu:

- Pillar: Environment
- View: Standardized (selected), As Reported
- Number Of Periods: Last 5 years
- Components: All Metrics (selected), Scoring Components Only
- Statement Data: 6 of 6 are selected
- Display Order: Latest To Oldest (selected), Oldest To Latest
- Hide Unpopulated Rows: Yes

ESG Statement View Table:

Scoring Measure	2019	2018	2017	2016
Period End Date	2019-12-31	2018-12-31	2017-12-31	2016-12-31
Reporting Currency	EUR	EUR	EUR	EUR
Period Status	Complete	Complete	Complete	Complete
ESG Report	Yes	Yes	Yes	Yes
ESG Reporting Scope	40.75%	37.02%	34.47%	18.96%
ESG Report Auditor Name	Intechnica Cert GmbH	Intechnica Cert GmbH	Intechnica Cert GmbH	Intechnica Cert GmbH
ESG Combined Score	A	A-	B+	A-
ESG Score (Weight: 100.0%)	A	A	A	A
Environmental Pillar Score (Weight: 18.2%)	A	A	A	A
Social Pillar Score (Weight: 53.1%)	A+	A+	A+	A+
Governance Pillar Score (Weight: 28.7%)	A	A-	B+	A-
ESG Controversies Score	A	B	B-	B+
Resource Use Score (Weight: 6.7%)	A+	A+	A+	A+
Resource Reduction Policy	TRUE	TRUE	TRUE	TRUE

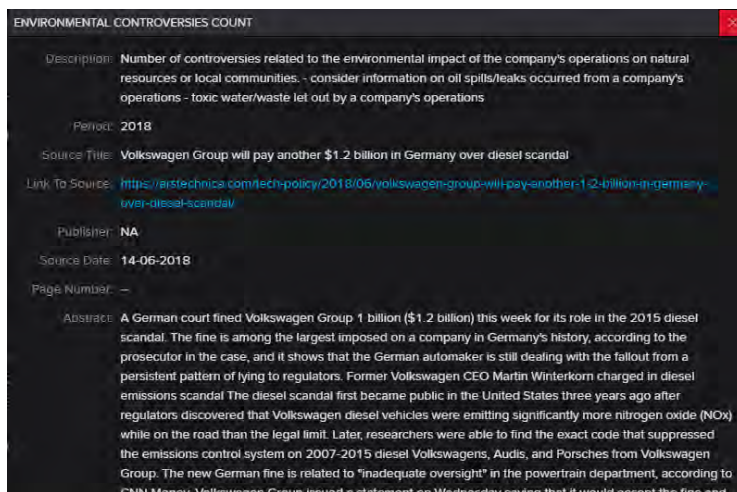
Policy Water Efficiency Score Metric Tooltip:

- Has a **Positive** polarity (Higher values is better)
- Benchmark: **Professional & Commercial Services**

The filters menu on the left-hand side specifies the format of the data. And allows you to filter down to the data you want to see. Notably the 'components' filter allows you to expand the scoring components to see the raw data which is useful for deep analysis.



By clicking on a metric, you can audit this data by checking its source.



Clicking on link takes you to the document the data is sourced from (most of the time the ESG report), mainly available for As Reported data.

No.	Category	2018 ^a		2017 ^a	
		tCO ₂ e	%	tCO ₂ e	%
1	Purchased goods and services	67,634,317	15.8	64,128,109	15.2
2	Capital goods	14,212,895	3.3	13,946,493	3.3
3	Fuel/Energy	1,462,775	0.3	1,389,741	0.3
4	Upstream transportation and distribution ^b	6,374,623	1.0	5,795,390	0.9
5	Waste generated in operations	2,263,712	0.5	2,280,424	0.5
6	Business travel	708,189	0.2	685,148	0.2
7	Employee commuting	1,009,481	0.2	976,650	0.2
8	Upstream leased assets ^b	not reported	-	not reported	-
9	Downstream transportation and distribution ^b	not reported	-	not reported	-
10	Processing of sale products	14,000	0.003	14,000	0.003
11	Use phase (200,000 km) ^c	112,364,961	77.3	112,622,200	78.6
12	End of life treatment ^d	1,541,818	0.3	1,114,154	0.3
13	Downstream leased assets ^b	1,048,978	0.2	942,053	0.2
14	Franchises	1,550,000	0.4	1,550,000	0.4
15	Investments	not reported	not reported	not reported	-

ESG Peers View

The ESG peer view allows you to compare companies on a specific score or data-point with the peer group of your choice.

1. Select the peer view from the drop down at the top of the company overview page
2. Filter menu:
 - a. From the menu choose a data-point/score, fiscal period, peer group, Geography or country, market cap
 - b. Within the filters you can 'Add ESG Metrics' to compare up to 25 additional ESG metrics or scores.
3. List
 - a. The company of focus is displayed at the top of the list, with all the peers listed below
4. Map
 - a. 'Global Coverage Map' displays how companies are split geographically, by double clicking on a country, only the stocks of this country will be displayed in the list on the left of the page
 - b. 'Global Coverage Table' displays the same data as the map but in table form.
5. Peer trends/line graph:
 - a. The line charts represent the long-term trend of your chosen stock vs. the trend of the industry. Add competitors to the graph by selecting the relevant stocks in the list on the other side of the page.



ESG Report View

The auto-generated ESG company profile provides users with a flexible ESG report format to select peers, define ESG themes, add commentary, save personalized templates, and publish PDF reports.

- Use the left hand menu to add and remove sections of the report
- Edit sections of the report to include your own commentary and desired comparisons etc.
- Report sections include:
 - o Company Overview
 - o ESG Summary (customizable)
 - o Company Relative Performance
 - o YoY ESG Performance – Attribution: this section helps to determine what is driving ESG scores, which category is driving performance
 - o YoY ESG performance – Material Factors
 - o Performance Driver Summary (customizable)

- Peer Summary: Peer groups can be viewed based on industry, country or your customized choic (customizable)
- Peer Details: Investigate specific themes (customizable)
- Historical Performance
- Historic Performance Summary (customizable)
- Controversial Business Practices
- ESG Controversies
- ESG Controversies Details – multiple pages of controversies can be displayed to get a high level view of the types/themes of controversies attached to a company
- Throughout the report you can hover over text to see more details about the metrics included.
- Save templates and export reports, then revisit them in the top right drop down

Company overview

Access customizable headline ESG performance scores and add your analysis and commentary to the view:

COMPANY OVERVIEW

Market Cap (M USD)	\$40,631	TRBC Ind. Group	Investment Banking & Investment Services	B	B	B+
Revenue (M USD)	\$2,667	Country	United Kingdom	ESG Combined Score	ESG Score	ESG Controversies Score
No. of Employees	4,965	Fiscal Yr. End	2019-12-31	B+	A-	C+
D&I Index Ranking	97 / 2953	ESG Reporting Scope	100	Environmental Pillar Score	Social Pillar Score	Governance Pillar Score

ESG SUMMARY

London Stock Exchange Group PLC is an Investment Banking & Investment Services company headquartered in the United Kingdom. For the fiscal year ended in December 2019, LSE received an ESG score of 63.44 (Grade B).

Over the last 5 years, the company has an average ESG score of 60.52, and a median ESG score of 59.76. Refinitiv ESG score is calculated as a sum of weighted individual pillar scores. For LSE, Environmental, Social, and Governance pillars are weighted 13.99%, 39.38%, and 46.63% respectively in ESG score weighting, consistent with companies within the Investment Banking & Investment Services industry groups.

LSE's controversy score of 68.18 (Grade B+) is calculated based on total count of controversies related to the company, as collected by Refinitiv ESG team and normalized based on company's market capitalization. Discounted by its controversies, LSE received an ESG Combined score of 63.44 (Grade B) for the year.

[SAVE] [CANCEL]

Company relative performance

Discover how a company performance against relevant peers

COMPANY RELATIVE PERFORMANCE

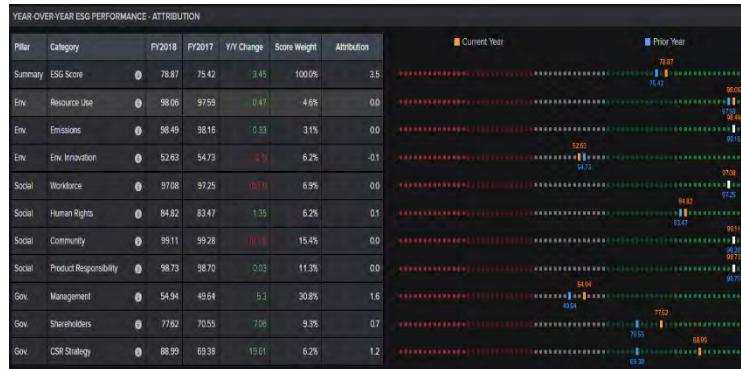
Company Ranking Compared to	Refinitiv ESG Universe	Refinitiv ESG Universe	Investment Banking & Investment Services	United Kingdom	Investment Banking & Investment Services / United Kingdom
Number of Companies	8,013		260	457	31
ESG Combined Score	1,174		34	81	8
ESG Score	1,527		46	117	10
Environmental Pillar Score	1,023		35	74	7
Social Pillar Score	553		9	42	2
Governance Pillar Score	4,346		132	266	17
ESG Controversy Score	7,062		231	381	27

London Stock Exchange Group PLC - 63.44 (B) - Ranked 10 of 31

ESG Score: Investment Banking & I

Performance Attribution

Dig into the factors driving changes in year on year ESG performance



Material Factors

Zone in on what metrics have the biggest impact on ESG performance



Peer Analysis

Compare a company against its peers, the peer list is customizable and can be viewed across specific themes



Historical performance

View the historical performance of a firm across financials and ESG metrics



Cost of controversies

Dig into the cost of controversies



Research Reports

Download the information you want to display into a pdf format to present efficiently

IBM BUSINESS MACHINES CORP (IBM)

Unsaved Template | Date: 14-Sep-2020

TRBC Ind. Group	Software & IT Services	A-	A-	A-
Country	United States of America	ESG Combined Score	ESG Score	ESG Controversies Score
Fiscal Yr. End	2018-12-31	A-	A+	B
ESG Reporting Scope	100	Environmental Pillar Score	Social Pillar Score	Governance Pillar Score

REFINITIV ESG COMPANY REPORT
International Business Machines Corp (IBM)
Document Date: 2020-09-14

REFINITIV
DATA IS JUST THE BEGINNING®

COMPANY OVERVIEW

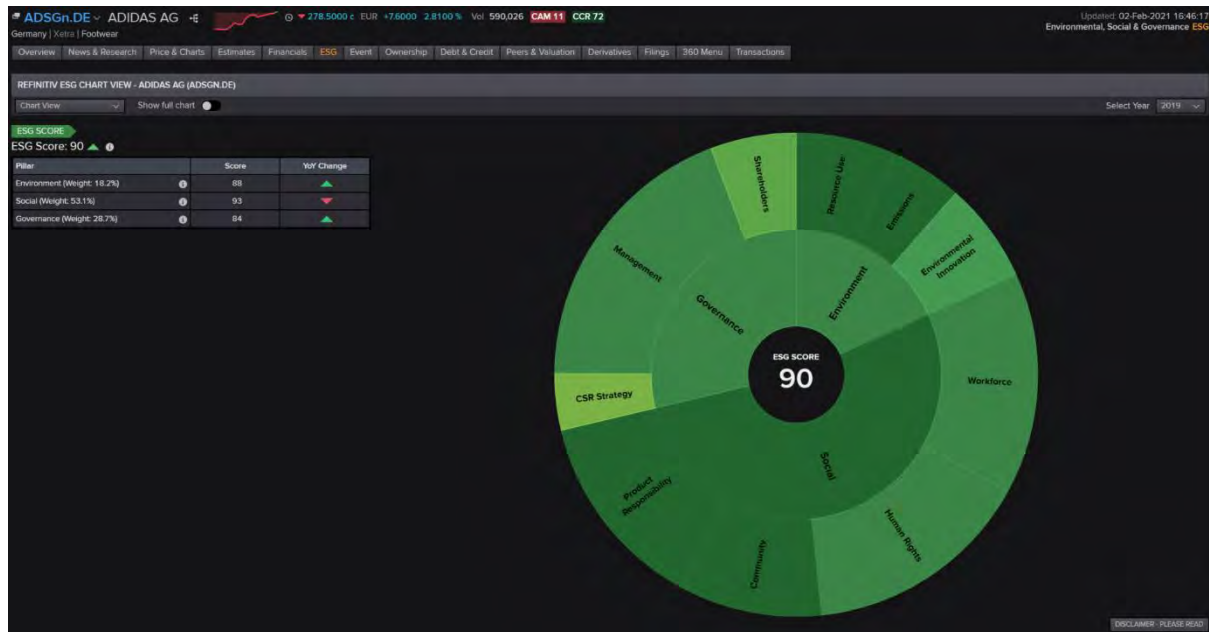
Market Cap (M USD)	\$108,170	A-
Revenue (M USD)	\$77,147	A-
No. of Employees	352,800	A-
TRBC Ind. Group	76 / 5000	ESG Controversies Score

ESG Chart View

Get a top down view of ESG score components of ESG and identify where strengths and weaknesses are in a company's ESG profile.

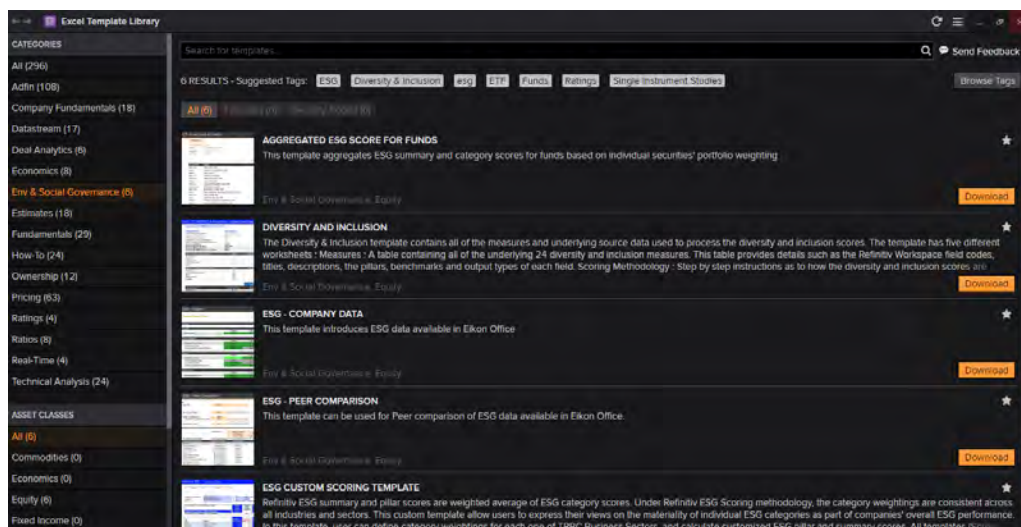
- The sunburst chart allows you to drill down to the individual metric level, click the pillar score, category and metrics for more information.
- Colour coding shows where a company is performing well or poorly
- The table to the left of the screen updates to what level of detail the sunburst is showing

The chart shows the composition of an ESG score, providing a breakdown of the score which helps to address queries around what metrics are driving the overall or pillar scores of a company



ESG Company Data and Peer Comparison in Excel

Eikon Excel provides ready-made ESG templates in the Excel Template library. Access the 'Excel Template Library' from the App Library to get an overview of what is available.



The ESG Peer Comparison template allows you to compare stocks with their direct competitors, updating the RIC when connected to Eikon updates the full sheet.

E
ESG - Peer Comparison

Select Instrument
 Enter RIC: 7203.T Toyota Motor Corp

Peer Filters
 Market Cap Range: 90% 90%
 Sector Classification: TRDC
 Don't filter by activity level (TRBC): Yes
 Results (Max. 500): 30

ESG Data Filters
 Report Format: Standardized
 Currency: Native
 Period: FY0

Consumer Choices - Automobiles & Auto Parts - Automobiles & Auto Parts - Auto & Truck Manufacturers

RIC	Instrument Description	TR Compon/Market	MarketCap (USD)	Standardized	Environmental Emissions	Environmental Resource Use	Environmental Innovation	Social Workforce	Social Human Rights	Governance Management
TSLA.O	Tesla Inc	47,773,036,069			FALSE	TRUE	TRUE	TRUE	TRUE	FALSE
GM	General Motors Co	53,616,578,345	2441000		TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
7203.T	Toyota Motor Corp	190,989,752,825	499000		TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
DAIGN.DE	Daimler AG	59,953,500,569	1269000		TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
600104.BE	SAIC Motor Corp Ltd	46,100,438,712			TRUE	TRUE	TRUE	TRUE	TRUE	FALSE
VOWG_p.DE	Volkswagen AG	83,074,821,738	3224516		TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
BMWG.DE	Bayernische Motoren Werke AG	52,473,114,853	785209		TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
7267.T	Honda Motor Co Ltd	48,595,048,829	1620000		TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
NSUG.DE	Audi AG	38,885,282,597								

The ESG company data template provides a dedicated view on a single stock, inputting the RIC updates the sheet

E
ESG - Environmental

Toyota Motor Corp
Environmental
Social
Governance
Controversies

Enter RIC: 7203.T
 Report Format: Standardized
 Currency: Native

* = Report Format applies, + = Currency applies

Scores	FY2017	FY2016	FY2015	FY2014	FY2013
ESG Score	91.58	88.53	83.65	79.65	78.16
Emissions Score	97.29	95.80	92.74	91.83	92.57
Resource Use Score	94.96	96.56	90.17	87.98	89.60
Environmental Innovation Score	91.86	92.75	75.64	70.67	84.65

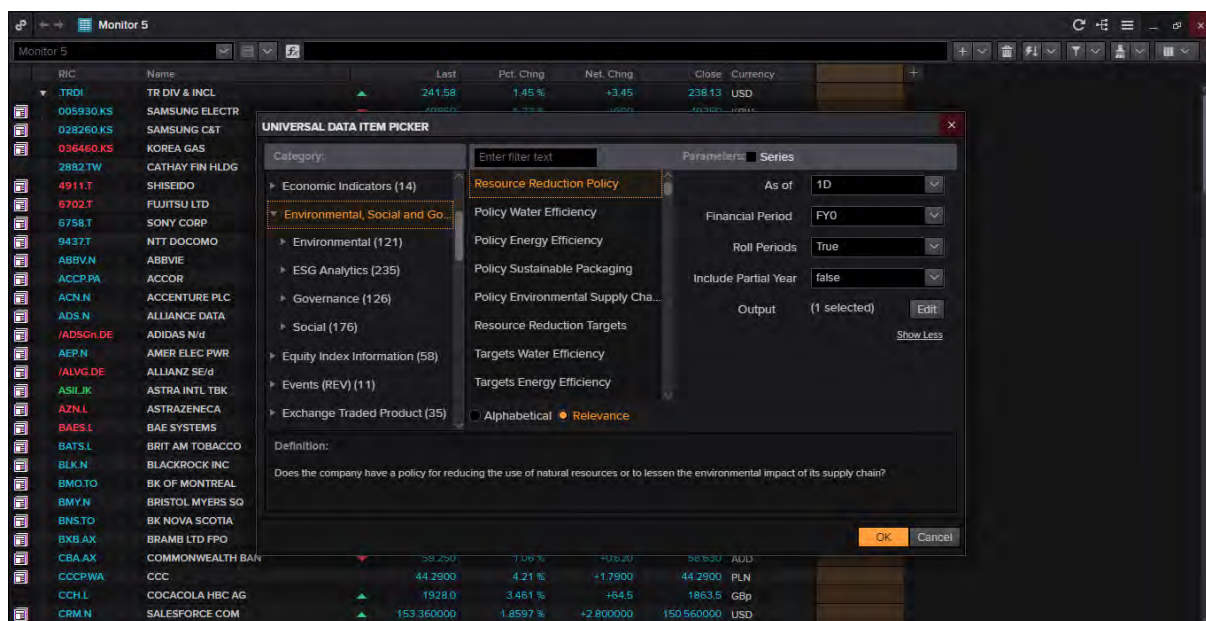
Emissions	FY2017	FY2016	FY2015	FY2014	FY2013
Targets Emissions	TRUE	TRUE	FALSE	FALSE	FALSE
Policy Emissions	TRUE	TRUE	TRUE	TRUE	TRUE
Biodiversity Impact Reduction	TRUE	TRUE	TRUE	TRUE	TRUE
* Total CO2 Equivalent Emissions To Revenues I	0.00	0.00	0.00	0.00	0.00
* CO2 Equivalent Emissions Total	7,870,000	7,570,000	7,790,000	7,840,000	7,590,000
* CO2 Equivalent Emissions Direct, Scope 1	2,600,000	2,490,000	2,720,000	2,800,000	-
* CO2 Equivalent Emissions Indirect, Scope 2	5,270,000	5,080,000	5,070,000	5,040,000	-
* CO2 Equivalent Emissions Indirect, Scope 3	401,750,000	-	-	-	-
* Carbon Offsets/Credits	-	-	-	-	-
* Estimated CO2 Equivalents Emission Total	7,870,000	7,570,000	7,790,000	7,840,000	7,590,000
CO2 Estimation Method	Reported	Reported	Reported	Reported	Reported

INCORPORATING ESG DATA INTO YOUR EIKON WORKFLOW

Monitor App

Compare the stocks of your choice from an ESG standpoint within the monitor app.

1. Open the Monitor app
2. Select the desired securities
3. Select the ESG and financial data points
4. Select the data or parameter, if you need additional information about the data-point, use the output section to add dates, source etc.



Industry App

The ESG view in the Industry app allows you to look at a sector coupled with a specific geography and compare all relevant firms.

1. In the industry app, select the ESG tab
2. Relevant ESG news to the selected sector/geography mix are displayed according to the following themes, which can be toggled between:
 - a. Environment
 - b. Social
 - c. Governance
3. All firms mapped to the industry are displayed on the table, you can use existing templates or create your own.
4. ESG rated firms within the peer group are displayed according to their performance and can be compared.

5. Top performers in the industry can be viewed in the 'Top Constituents' section based on ESG Combined, environmental, social and governance scores.
6. The chart represents the ESG score segmentation of all scored firms in the peer group

The screenshot displays the Eikon interface for the 'Medical Equipment, Supplies & Distribution' industry in the United States. The main table shows ESG scores for several companies:

Identifier (RIC)	Company Name	ESG Score (Env) (2-Avg)	ESG Combined Score (Env) (2-Avg)	ESG Controversies Score (Env) (2-Avg)	Environment Pillar Score (Env) (2-Avg)	Social Pillar Score (Env) (2-Avg)	Governance Pillar Score (Env) (2-Avg)	Resource Use Score (Env) (2-Avg)	Emissions Score (Env) (2-Avg)	Innovation Score (Env) (2-Avg)	Workfor Score (Env) (2-Avg)
Summary (1...)		34.83 (L)	33.05 (C)	88.27 (A)	11.76 (D)	37.14 (C)	42.56 (C)	17.07 (D)	12.47 (D)	6.82 (D)	36.33
BAX.N	Baxter International Inc	81.17 (L)	77.71 (A)	74.24 (B)	77.07 (A)	83.65 (A)	79.81 (A)	95.21 (A)	89.63 (A)	50.00 (C)	99.70
ABTN	Abbott Laboratories	79.78 (L)	52.01 (B)	24.24 (D)	74.73 (B)	79.02 (A)	83.15 (A)	82.45 (A)	93.29 (A)	50.00 (C)	96.08
BDX.N	Becton Dickinson and Co	79.21 (L)	63.09 (B)	46.97 (C)	75.63 (A)	84.59 (A)	73.79 (B)	96.28 (A)	84.76 (A)	50.00 (C)	99.10
WSTN	West Pharmaceutical Services Inc	70.76 (L)	70.76 (B)	100.00 (A)	39.98 (C)	68.81 (B)	87.69 (A)	78.19 (A)	49.39 (C)	NA	67.17

The 'TOP CONSTITUENTS' section lists the following companies with their ESG scores:

- BAX.N: 77.71
- WSTN: 70.76
- HRC.N: 65.59
- TFX.N: 64.39
- BDX.N: 63.09
- SYKN: 62.10
- IART.OQ: 59.15
- COO.N: 56.39
- CERS.OQ: 18.10
- NSTG.OQ: 15.99
- GKOS.N: 13.34
- NTRA.OQ: 12.35
- MDXG.PK: 11.22
- ATRI.OQ: 10.99

The 'ESG SCORE CHART' is a pie chart showing the distribution of ESG scores across the peer group:

- <50: 8.38%
- 51-60: 6.22%
- 61-70: 3.11%
- 71-80: 81.29%

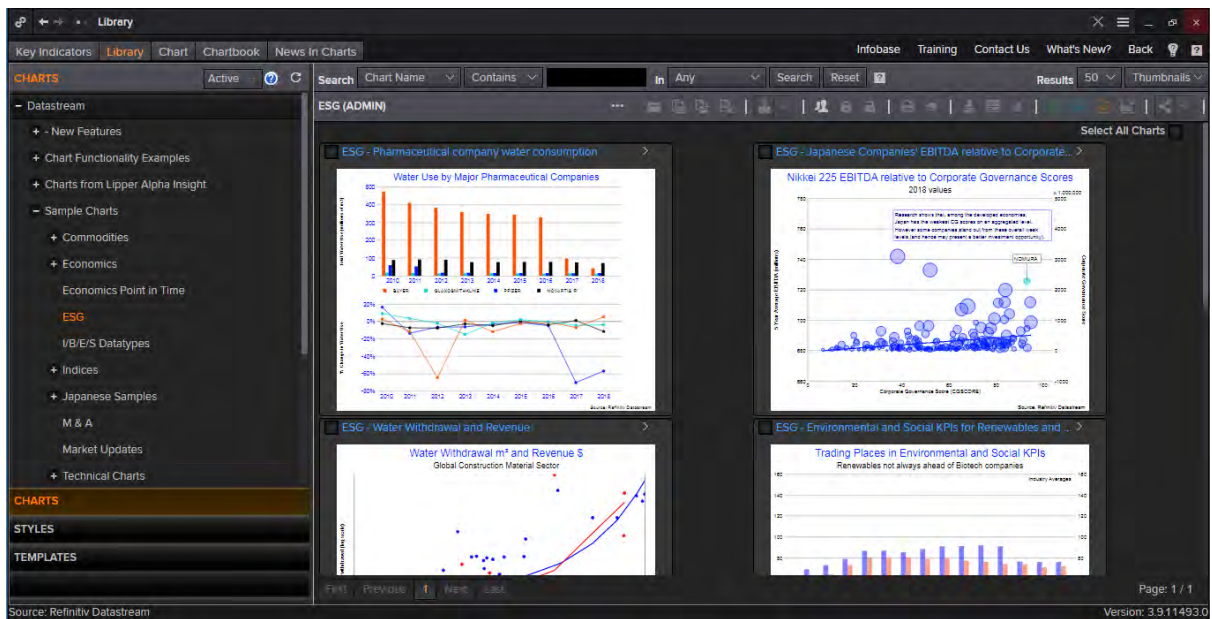
Datastream

All ESG data/scores can be found in Datastream.

Datastream allows you to build advanced comparison and create or view charts relating to sustainability topics.

Existing chart templates are available in the Datastream library:

1. In the Datastream app, click on the Library tab
2. In the left hand menu, click Datastream, select sample charts, click ESG
3. A list of available charts appear
4. In the top right, choose your preferred display for the charts – Details, List, Thumbnails



Additional charts can be linked to Quote lists / Monitor on the Templates section of the Datastream library:

1. In Datastream click on the Library tab
2. Select template, click Datastream, choose Equities, Select Fundamental, click ESG
3. Again, display options can be selected from the top right drop down

The screenshot shows the 'TEMPLATES' section of the Refinitiv Datastream Library. The following table lists the templates displayed:

Template Name	List Mnemonic	Template ID	Style	Created	Modified	Owner ID
Independent Board Members	U:GS	19308		18/11/2013 2...	01/12/2016 1...	ADMIN
Gender Diversity	U:JPM	19296		18/11/2013 0...	01/12/2016 1...	ADMIN
ESG Key Performance Indicators	LD:JINDUS	13932		20/11/2012 1...	01/12/2016 1...	ADMIN
Price and ESG Scores	LD:JINDUS	18189		03/10/2013 2...	07/06/2014 1...	ADMIN

Page: 1 / 1
Version: 3.9.11493.0

ESG SCORES AND SCORING

Refinitiv ESG Scores are designed to transparently and objectively measure a company's relative ESG performance, commitment and effectiveness across 10 main themes (emissions, environmental product, innovation, human rights, shareholders, etc.) based on company-reported information.

We provide an overall ESG score, scores by Pillar (Environment, Social, Governance and Controversies), a combined score including Controversies and a Diversity & Inclusion score.

Find more details about our ESG Scores here:

https://www.refinitiv.com/content/dam/marketing/en_us/documents/fact-sheets/esg-scores-fact-sheet.pdf

Within Eikon, ESG scores can be found in several applications:

- In the ESG view of a company overview

ESG Combined Score	A	B	B+	A	A
ESG Score (Weight: 100.0%)	A	A	A	A	A+
Environmental Pillar Score (Weight: 18.2%)	A	A	A	A	A
Social Pillar Score (Weight: 53.1%)	A+	A+	A+	A+	A+
Governance Pillar Score (Weight: 28.7%)	A	A	B+	A	A
ESG Controversies Score	A	B	C	B+	A

- In the monitor, by querying the data

RIC	Name	Last	Pct. Chng	Net. Chng	Close	Currency
TRDI	TR DIV & INCL	241.36	1.36 %	+3.23	238.13	USD
005930.KS	SAMSUNG ELECTR	49850	1.22 %	+600	49250	KRW
028260.KS	SAMSUNG C&T	97000	3.30 %	+3100	93900	KRW
036480.KS	KOREA GAS	25900	-3.00 %	-800	26700	KRW
2882.TW	CATHAY FIN HLDG	37.20	0.54 %	+0.20	37.00	TWD

- In watch-list pulse by formatting the template in the constituent section

Identifier (RIC)	ESG Score (FY0) (E-Avg)	ESG Score (FY0) (E-Avg)	Environmental Pillar Score (FY0) (E-Avg)	Social Pillar Score (FY0) (E-Avg)	Governance Pillar Score (FY0) (E-Avg)	ESG Combined Score (FY0) (E-Avg)	DIR Score (E-Avg)
Summary (101)	68.68	68.68	63.86	69.47	70.03	58.84	58.44
ANTO.L	70.65	70.65	65.02	83.62	57.47	70.33	42.75
AHTL	39.15	39.15	30.21	50.75	30.58	39.15	NA
SVTL	63.27	63.27	58.69	71.31	61.36	63.27	57.00
BHPB.L	83.85	83.85	84.93	80.12	88.43	42.62	51.25
BARC.L	88.85	88.85	91.75	87.89	89.02	46.45	61.25
BOEV.L	69.21	69.21	49.94	73.31	87.86	69.21	59.00
BLND.L	70.67	70.67	89.51	75.63	44.03	70.67	45.25

Create your own ESG Score

You can also create your own ESG scores using the Screener app. This feature is also available in the Watchlist Pulse application.

Within Screener, select your starting universe or load your portfolio and display your selected template:

The screenshot shows the Eikon Screener interface. On the left, there are filters for 'UNIVERSE' (Public Companies, 101) and 'QUICK FILTERS' (Country of Exchange, Country of Incorporation, etc.). The main table displays a list of companies with columns for Identifier (RIC), Company Name, Country of Headquarters, and Company Market Cap (USD).

Identifier (RIC)	Company Name	Country of Headquarters	Company Market Cap (USD)
ABT.N	Abbott Laboratories	United States of America	165,850,896,504.15
ADBE.OQ	Adobe Inc.	United States of America	158,507,661,641.50
HON.N	Honeywell International Inc.	United States of America	93,361,841,496.00
ALL.N	Allstate Corp.	United States of America	31,669,011,881.86
AXPN	American Express Co.	United States of America	65,687,032,586.96
AIG.N	American International Group Inc.	United States of America	19,163,705,325.75
AMGN.OQ	Amgen Inc.	United States of America	135,626,205,874.25
AAPL.OQ	Apple Inc.	United States of America	1,174,247,567,600.00
VZ.N	Verizon Communications Inc.	United States of America	235,234,800,000.00
BRKb.N	Berkshire Hathaway Inc.	United States of America	446,768,209,847.60
BA.N	Boeing Co.	United States of America	76,920,910,539.49
BMYN	Bristol-Myers Squibb Co.	United States of America	137,082,654,618.86
CVS.N	CVS Health Corp.	United States of America	78,661,897,695.75
COFN	Capital One Financial Corp.	United States of America	23,401,675,703.24
CATN	Caterpillar Inc.	United States of America	61,800,422,631.35
JPM	JPMorgan Chase & Co.	United States of America	271,294,126,528.75
CVX.N	Chevron Corp.	United States of America	152,420,136,986.00
CSCO.OQ	Cisco Systems Inc.	United States of America	171,967,690,528.55

Add a new element on the template with the data item library, click on New Multifactor Rank.

The screenshot shows the 'DATA ITEM LIBRARY' dialog box. It has a 'Category:' field with a search input 'Enter filter text'. Below the search input is a list of categories: Favorites (0), Activism and Defense (408), CMO/ABS Tranche (2), Corporate Actions (143), Environmental, Social and Govern..., Exchange Traded Product (1), Issuer Level Credit Rating (30), and Japan Fundamentals (275). To the right of the list is a 'Parameters:' field with 'No item selected'. Below the list is a 'Definition:' field with 'No item selected'. At the bottom, there are buttons for 'New Expression', 'New Data Block', 'New MultiFactor Rank', and 'Cancel'.

Click the 'Advanced Options' link at the top of the menu to display hidden elements and select the desired layout for your scores:

1. Choose your methodology: Percentile Scoring, Quartile Scoring, Quintile Scoring, Decile Scoring, 1..N Scoring, Z-Scores, Normalized z-Scores
2. Select the order of the results
3. Choose universe to rank against
4. Select partition
5. Define the currency

MULTIFACTOR RANK

Methodology: Percentile Scoring | N-Tile Order: 1(Best) - 100(Worst) | Rank Against: Current Universe | Partition by: None | Currency: Default

Factor **1** | **2** | **3** | **4** | **5**

Add factor

Name: Name... | Sample Ranks

Description: Optional description,....

Cancel

Define the data points and adapt parameters of the scores.

1. Add the ESG factors your score will be built upon from the 'Add factor' bar
2. Order each criterion depending on its nature
3. Handle how companies which do not carry this data will be handled
4. Set the weight each factor will bear in the score calculation
5. Name the Multifactor Rank and click close

MULTIFACTOR RANK

Methodology: Percentile Scoring | N-Tile Order: 1(Best) - 100(Worst) | Rank Against: Current Universe | Partition by: None | Currency: Default

Factor	Order	if Not Available?	Weight	RAW?
Total CO2 Equivalent Em...	Lower Is Better	Exclude Securities	1	33.33%
Targets Emissions	Low 2	Exclude 3	4	33.33%
Water Use To Revenues ...	Lower Is Better	Assign Median Value	1	33.33%

Name: Environmental Screening **5** | Sample Ranks

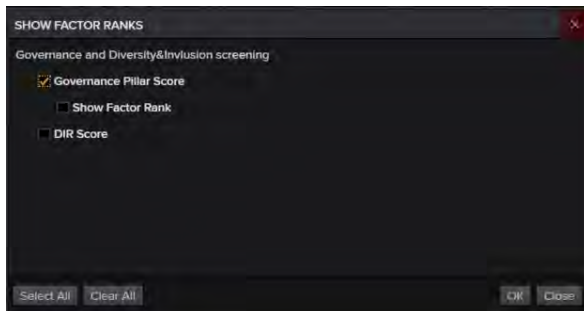
Description: Optional description,....

OK Cancel

The score will be calculated for all companies of the list

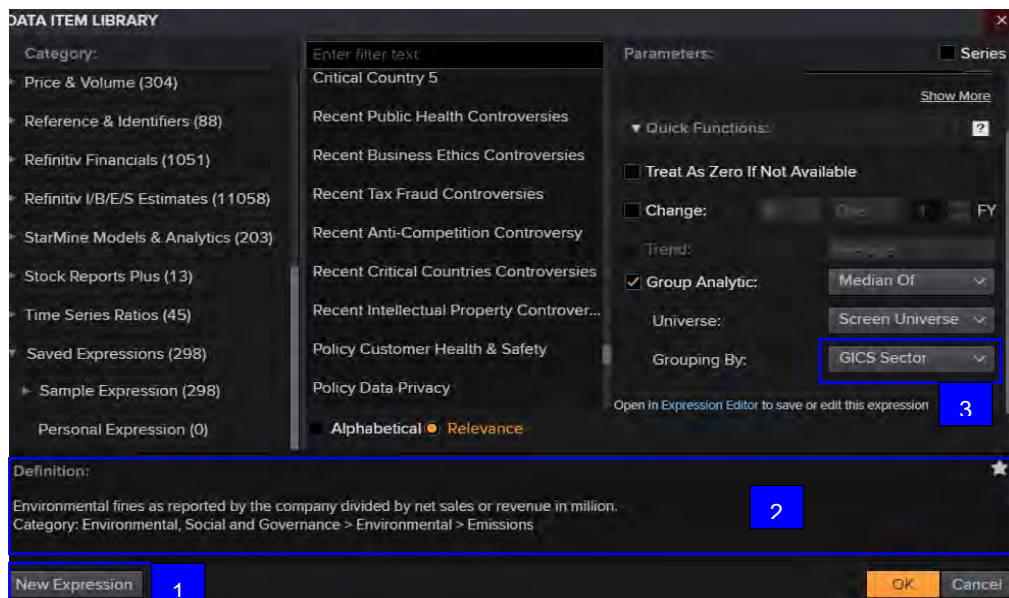
Identifier (RIC)	Company Name	Company Market Cap (USD)	ESG Score (FY)	ESG Combined Score (FY)	Independent Board Members (FY)	Female on Board (FY)	Tax Fraud Controversies (FY)	Governance and Diversity (FY) (Best - 100worst)
PEP.OQ	PepsiCo Inc	191,235,138,394.30	87.11	69.69	86.67	23.08	NA	1
STT.N	State Street Corp	25,003,464,553.20	86.71	79.72	84.62	30.77	NA	2
HLT.N	Hilton Worldwide Holdings Inc	29,351,045,029.11	83.46	83.46	77.78	44.44	NA	2
WBA.OQ	Walgreens Boots Alliance Inc	41,854,176,799.40	74.91	44.48	81.82	27.27	NA	2
CCL.N	Carnival Corp	20,861,904,313.80	84.57	44.87	83.33	33.33	NA	3
UNH.N	UnitedHealth Group Inc	321,384,550,891.20	73.26	73.26	81.82	30.00	NA	3
CL.N	Colgate-Palmolive Co	67,587,762,324.35	85.65	80.33	81.82	27.27	NA	4
GPS.N	Gap Inc	7,761,103,783.50	85.67	85.67	85.71	36.36	NA	4
MO.N	Altria Group Inc	77,254,484,689.05	88.69	45.81	90.91	27.27	NA	5
HPQ.N	HP Inc	32,099,047,805.68	77.91	77.91	90.91	45.45	NA	5
MSFT.OQ	Microsoft Corp	1,806,436,098,354.17	93.11	49.44	85.71	28.57	NA	5
HPE.N	Hewlett Packard Enterprise Co	15,974,722,653.50	69.89	69.89	85.71	38.46	NA	6
MCO.N	Moody's Corp	52,255,350,000.00	70.85	70.85	90.00	30.00	NA	6
PVH.N	PVH Corp	6,086,892,402.50	82.29	74.48	84.62	30.77	NA	7

Display the columns used to calculate the score via the 'Show Factor Ranks' button near the data item picker



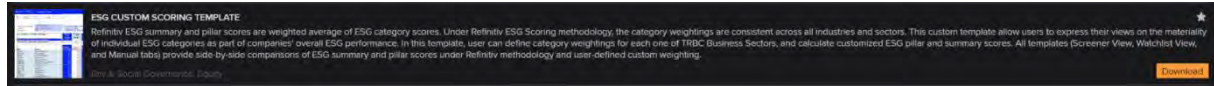
To create more complex scores based on conditions, create an expression in the Data Item Library, using the New Expression Builder module:

1. Create a New Expression
2. Build a New Scoring Formula or data-point
3. Use the Group Analytic parameters to apply the scoring by region, sector



Custom scoring in Excel

In the Excel Template Library you will find the ESG custom scoring template.



The template provides insight into how the Refinitiv ESG scores are calculated and the Screener View, Watchlist View, and Manual tabs within the excel file can be updated with RICs to get insight or create your own scores.

ESG NEWS, RESEARCH & CONTROVERSIES

Eikon carries a variety of ESG news and controversies, available on several apps:

News Monitor

On the news monitor app conduct performance searches by keyword/topic on ESG or ESG related elements and cross reference them with a list of companies. You might want to use some pre-existing topics.

Time	Source	RICs	Headline
18:09:40	SBWIRE	ABTN	Survey: Impact of Covid-19 on Hatal Nutraceuticals and Vaccines Market - Top Key Players Are Abbott Laboratories, Agropur, Inc., Amway_CAGR 7.8%
17:57:24	CNBC	ABTN	Now on CNBC LIVE US: Abbott Laboratories
17:12:24	ZOLCOM	ABTN	Barclays Increases Abbott Laboratories (NYSE:ABT) Price Target to \$100.00
17:11:34	ZOLCOM	ABTN	First Hawaiian Bank Boosts Stock Position in Abbott Laboratories (NYSE:ABT)
16:12:01	TICREP	ABTN	Cordatus Wealth Management LLC Purchases 4,266 Shares of Abbott Laboratories (NYSE:ABT)
16:11:56	TICREP	ABTN	Dubuque Bank & Trust Co. Reduces Stock Holdings in Abbott Laboratories (NYSE:ABT)
15:12:09	ZOLCOM	ABTN	Cordatus Wealth Management LLC Purchases 4,266 Shares of Abbott Laboratories (NYSE:ABT)
15:12:04	AMEBAN	ABTN	Cordatus Wealth Management LLC Purchases 4,266 Shares of Abbott Laboratories (NYSE:ABT)
13:15:41	SEECOM	SYKN ABTN	Abbott Labs' Diversification And Diagnostics Leverage Paying Off Now
13:12:47	ZOLCOM	ABTN	Dubuque Bank & Trust Co. Reduces Stock Holdings in Abbott Laboratories (NYSE:ABT)
11:10:04	AMEBAN	ABTN	Ferguson Wellman Capital Management Inc. Sells 1,857 Shares of Abbott Laboratories (NYSE:ABT)
11:08:01	BSE	ABTN ABOT/MS	ABBOTT INDIA LTD - Large Entities Disclosures
11:03:52	RTRS	ROGS ABTN	UPDATE 2-A disaster: Roche CEO's verdict on some COVID-19 antibody tests
09:40:42	CNNSPA	ABTN	Las pruebas rápidas de Abbott pueden producir falsos negativos en ciertas condiciones, según la compañía
08:45:41	RSCH	MOTN ISRG.O	Buy, Sell, Or Hold Medtronic At \$100? (3 pages) - Trefis
06:16:53	RTRS	UALQ PKTN	Guten Morgen von Reuters am Mittwoch, den 22. April
05:02:29	RTRS	PWJN ABTN	BRIEF-米ケエスト-ダイアグニスティクス、新型コロナウイルスの抗体検査を開始
04:11:36	AMEBAN	ABTN	Northwest Investment Counselors LLC Reduces Stock Position in Abbott Laboratories (NYSE:ABT)
04:05:07	USFEDE	ABTN	US Patent Issued to Abbott Laboratories on April 21 for "Bottle with cap" (California Inventor)
03:10:08	CNBC	TWTR/N RADN	Reuters Insider - Puritan Medical exec discusses ramping up swab production for coronavirus testing
02:19:21	PENHER	ABTN	Steep lane gets OK over consultant's warning
02:14:55	CNBC	TWTR/N JWMN	Reuters Insider - Cramer's lightning round: I like Broadcomm so much
02:14:55	CNBC	TWTR/N JWMN	Reuters Insider - Cramer's lightning round: I like Broadcomm so much
21 April 2020			
23:49:08	CNBC	ABTN	Now on CNBC LIVE US: Abbott Laboratories
23:23:58	FOGGER	ABTN	Abbott Laboratories-Aktie Aktuell: Abbott Laboratories mit deutlichen Kursverlusten von 4,4 Prozent
23:08:35	DUN	PWJN DGXN	DJ Quest Diagnostics To Start Testing Blood For COVID-19 Antibodies -- MarketWatch
22:58:27	RTRS	PWJN JWMN	QDQF Quest Diagnostics Begins To Perform Covid-19 Antibody Testing

There is also a ready-made ESG filter, which is easily accessible:

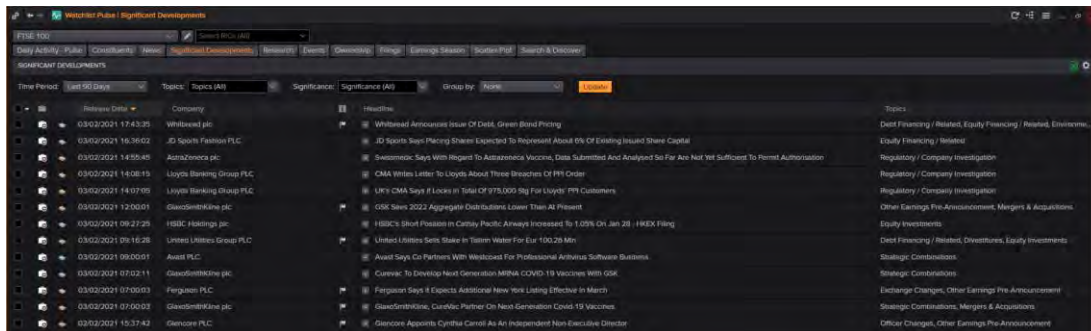
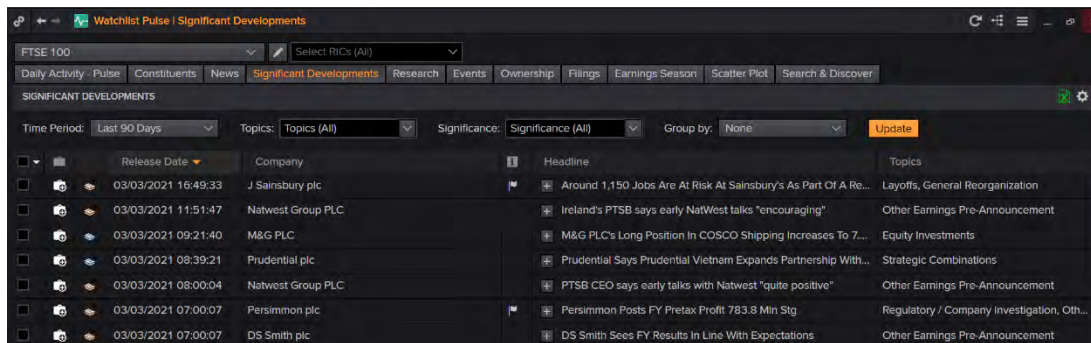
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Watchlist Pulse

ESG and Controversies News can be found in the Reuters Investor Briefs section of a specific company or within Watchlist Pulse, allowing you to spot any controversies or important ESG news on your own portfolio.

In the Significant Developments section of Watchlist Pulse, potential topics to incorporate include:

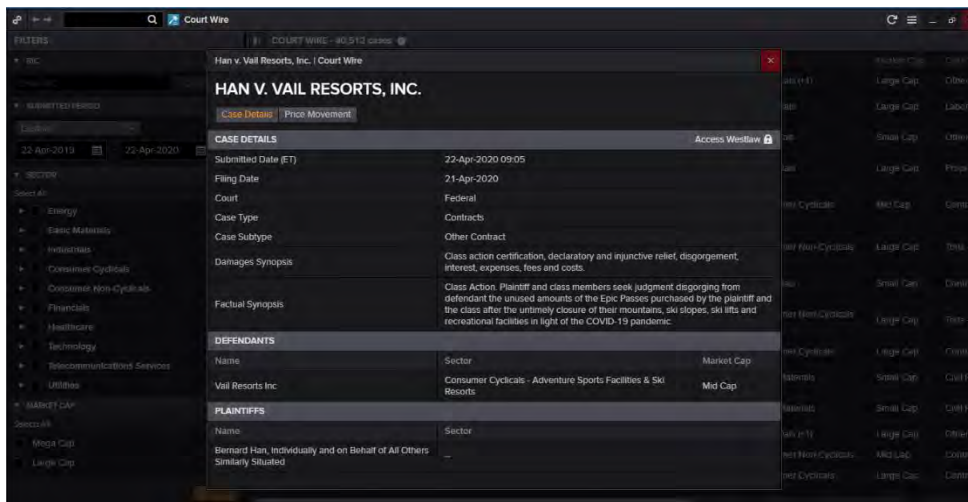
- Products – general product, production guidance, product responsibility
- Litigation/regulatory – corporate litigation, class action lawsuit, regulatory / company investigation, community
- Accounting issue – delinquent filings, change in accounting method/policy
- Restructuring / reorganization / related – layoffs, labor issues, management compensation
- Environmental – environmental



CourtWire

The CourtWire app is also a good indicator of potential controversies (available in Eikon full offering).

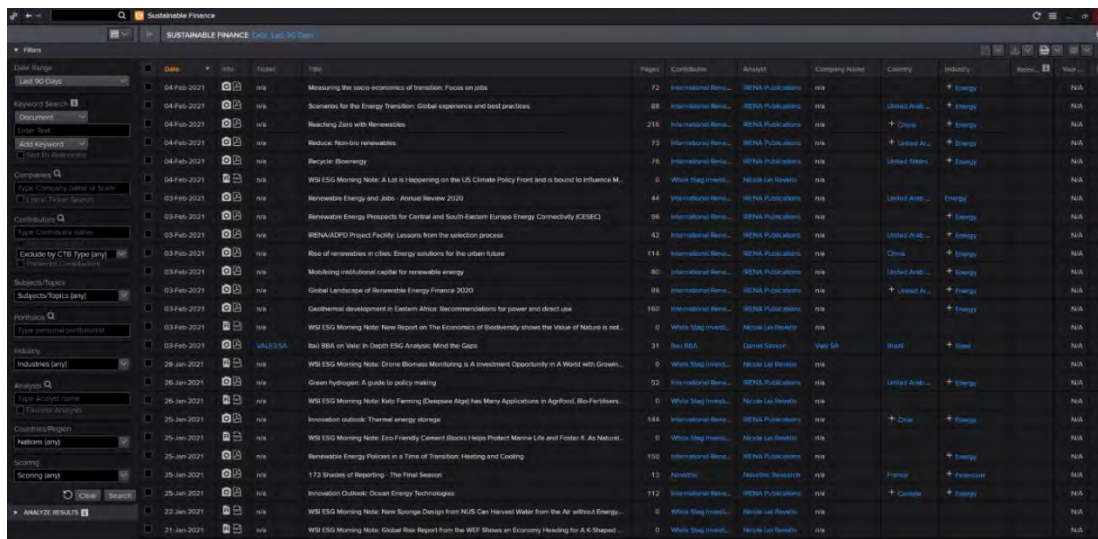
You can check for your portfolio or a specific stock against all the court filings that have been brought to court in the US and which might transform into a controversy:



ESG Research

If you have access to the ESG research reports provided by Brokers (buyside) or to the AMR Research Package (sell side), you will be able to find ESG research papers in the Advanced Research Search app.

In order to access those reports, either use the keywords like 'SRI', 'ESG', 'Environmental' or select the ESG criteria in the Report Types section:



Sustainable Finance Research

As well as searching for research in the Advanced Research app, you can easily search in the Sustainable Finance Research app.

The app is a dedicated space for sustainable finance and ESG research.

- Filter through the left hand menu to drill down into the research you need
- Click the camera icon on an entry to get a snapshot of the report
- Click through for more information about the contributor and analyst

Advanced Research Search

ADVANCED RESEARCH SEARCH Date: Last 90 Days

Filters: Add Criteria

Quick Search

Company
Industry
Market
Commodity
Digest
Economics
ESG
Fixed Income
Forex
Inv Strategy

ANALYZE RESULTS

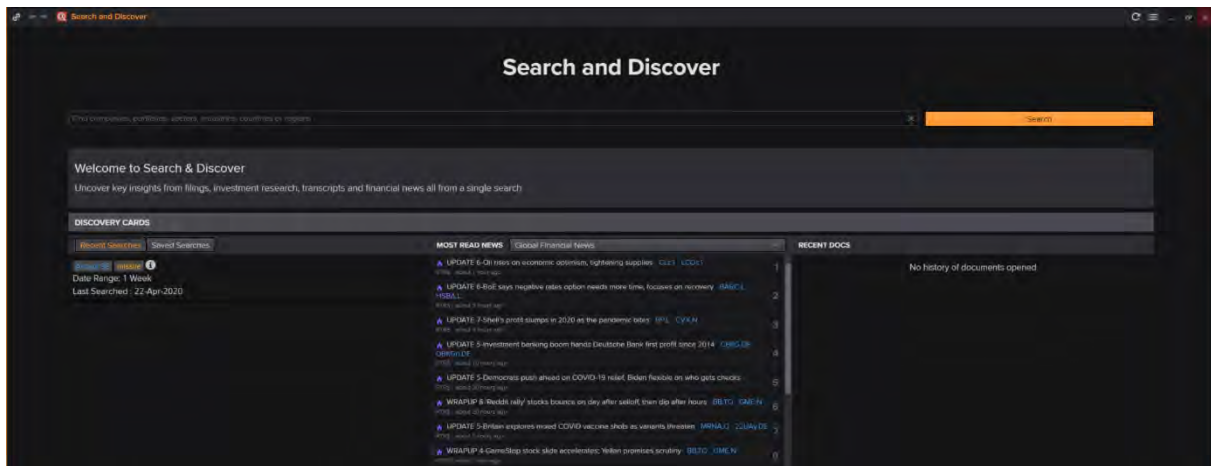
Date	Info	Ticker	Title	Year	Firm	Anal	Pages
23-Apr-2020		n/a	RECOMMEND Technology - Sector Update - China tech weekly (4/19): Watch technology helping restart ec...	N/A	N/A	+N/A	12
23-Apr-2020		001979.SZ	RECOMMEND China Merchants Shekou Industrial Zone(001979.SZ) - Maintain OUTPERFORM - Settlement ...	N/A	N/A	+N/A	8
		GRAE.DH	RECOMMEND 1Q20 EPS up 26% yoy, in line	N/A	N/A	N/A	2
		n/a	RECOMMEND Coal - Investment Focus - Is the decline in coal prices overdone?	N/A	N/A	+N/A	9
		n/a	RECOMMEND Real Estate - Sector Update - Weekly panorama #190: Fundamental indicators showing rec...	N/A	N/A	+N/A	12
		ALXAK	RECOMMEND Atlas Arlene - Value of current prices, even with DPS risk	N/A	N/A	N/A	6
		600160.SS	RECOMMEND 日化龙头(600160.SS) - 维持跑赢行业 - 产品价格下降致2019年利润大幅下滑(2020-04-22)	N/A	N/A	+N/A	7
		600705.SS	RECOMMEND 中航成志(600705.SS) - 维持跑赢行业 - 2019年业绩增长超预期, 证券业务改善	N/A	N/A	+N/A	8
		603983.SS	RECOMMEND Mearse Biotechnology(603983.SS) - Maintain OUTPERFORM - Recurring net profit up 26% in...	N/A	N/A	N/A	9
		600195.SS	RECOMMEND China Animal Husbandry Industry(600195.SS) - Maintain OUTPERFORM - Multiple factors e...	N/A	N/A	N/A	9
		n/a	RECOMMEND China Economy - An early assessment of the potential downward pressure for external dem...	N/A	N/A	N/A	6
		002078.SZ	RECOMMEND Sun Paper(002078.SZ) - Maintain OUTPERFORM - 2019 earnings stable, 1Q20 earnings to...	N/A	N/A	+N/A	9
		002311.SZ	RECOMMEND Haid Group(002311.SZ) - Maintain OUTPERFORM - Optimistic about aquatic feeds, hog prod...	N/A	N/A	N/A	9
22-Apr-2020		002344.SZ	RECOMMEND Haining China Leather Market(002344.SZ) - Downgrade to NEUTRAL - COVID-19 and chang...	N/A	N/A	N/A	9
22-Apr-2020		002051.SZ	RECOMMEND 中工国际(002051.SZ) - 下调至中性 - 海外工程收入和现金流承压, 下调至"中性"(2020.04.22)	N/A	N/A	N/A	8
22-Apr-2020		n/a	RECOMMEND 大宗商品研究 - 贵金属 - 油价下跌对一次能源的成本影响各有不同	N/A	N/A	N/A	4

Displaying 25 of 267,317 available records.

Search and Discover

The Search and Discover app helps you to find information on ESG data which Refinitiv does not carry, but might be released by companies in Filings or Transcriptions.

For example, you might want to check if Airbus is involved in missile manufacturing (see example below). Or look in the news for controversies on those specific keywords (using the synonym search).



Controversies

News that negatively impact a company with respect to Environmental, Social and Governance standards are considered ESG Controversy News.

Sometime a small controversy can develop into a bigger issue and can spread to other controversies topics, leading to a larger negative impact on the company. Any relevant news which qualifies as ESG Controversy News is collected on a day-to-day basis. Collected news is categorized into different controversies topics, currently we hold 57 controversies topics, 23 of them being used to calculate our ESG Controversies Score.

ESG Controversy News can be subjective due to the nature of its reporting and can make categorization into data points quite challenging. However, our robust methodology and deep subject matter expertise ensure controversies are not only collected in a timely manner but also categorized into standardized data points for ease of use. Once the controversy news is captured for a company, we may come across many trailing news stories as updates on the same issue, which will not be collected, except for the major updates (court hearings, settlement, fines etc.) which will increase the negative impact on the company.

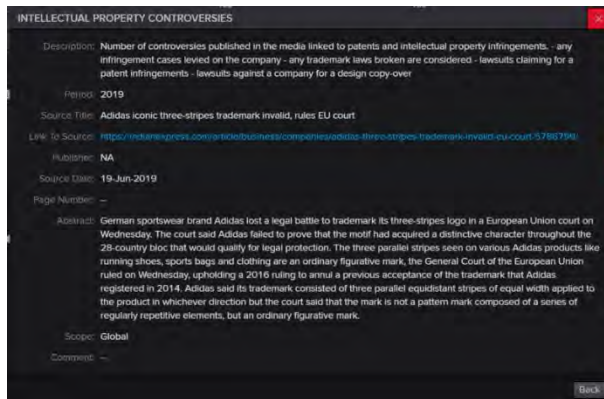
Controversies can be found in the ESG view of a Company Overview page:

Controversies are located on the Controversies drop down in the ESG statement screen of the company overview

Year	2016	2017	2018
Overall ESG Score	68	70	72
Environmental Score	75	78	80
Social Score	65	68	70
Governance Score	70	72	75
Controversies Score	55	58	60
Environmental Controversies	60	62	65
Human Rights Controversies	50	52	55
Labor Controversies	55	58	60

To access each controversy, left click on the number of controversies.

1. All controversies for the topic and selected period are listed at the top (click on the tabs to navigate)
2. Link to the source document, click to read/load the source document
3. The detailed abstract of the controversy is displayed at the bottom



The screenshot displays a report titled "INTELLECTUAL PROPERTY CONTROVERSIES". The report includes the following information:

- Description:** Number of controversies published in the media linked to patents and intellectual property infringements. - any infringement cases levied on the company - any trademark laws broken are considered - lawsuits claiming for a patent infringements - lawsuits against a company for a design copy-over
- Period:** 2019
- Source Title:** Adidas iconic three-stripes trademark invalid, rules EU court
- Link to Source:** <https://richranks.com/article/business/companies/adidas-three-stripes-trademark-invalid-eu-court-5788794>
- Region:** NA
- Source Date:** 19-Jun-2019
- Page Number:** —
- Abstract:** German sportswear brand Adidas lost a legal battle to trademark its three-stripes logo in a European Union court on Wednesday. The court said Adidas failed to prove that the motif had acquired a distinctive character throughout the 28-country bloc that would qualify for legal protection. The three parallel stripes seen on various Adidas products like running shoes, sports bags and clothing are an ordinary figurative mark, the General Court of the European Union ruled on Wednesday, upholding a 2016 ruling to annul a previous acceptance of the trademark that Adidas registered in 2014. Adidas said its trademark consisted of three parallel equidistant stripes of equal width applied to the product in whichever direction but the court said that the mark is not a pattern mark composed of a series of regularly repetitive elements, but an ordinary figurative mark.
- Scope:** Global
- Covered:** —

A "Back" button is visible at the bottom right of the report.

ESG SCREENING

Screener

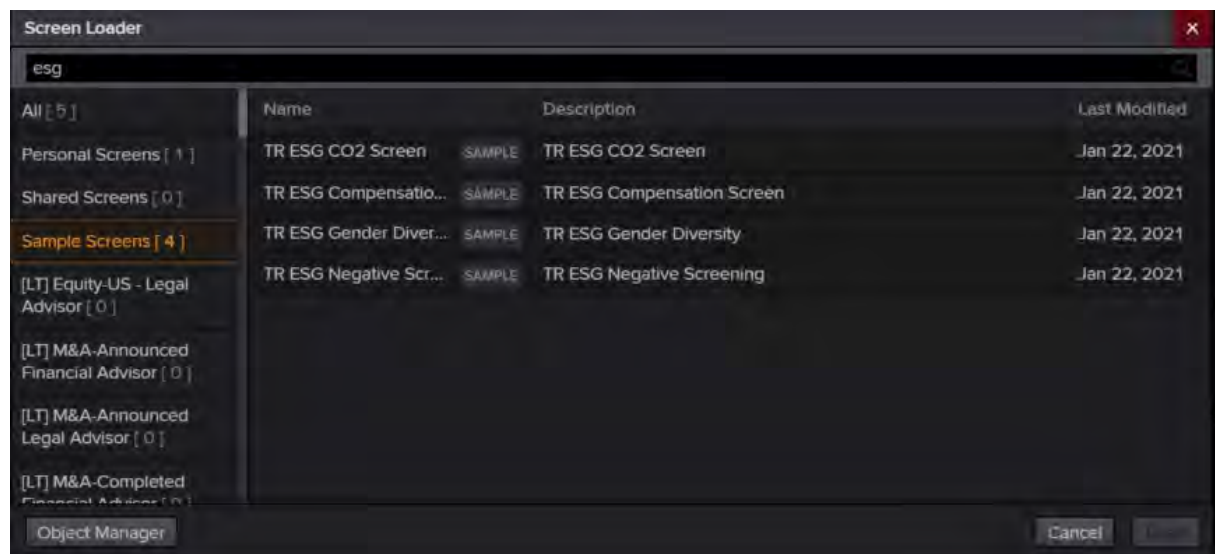
The Screener app is a flexible idea-generation tool that allows you to find securities in the investable universe that display certain characteristics that match your investment philosophy or style.

Positive best in class screening requires companies to demonstrate an active, positive contribution to sustainable development and lead their peer group in respect of environmental and social performance.

Identify those stocks using Screener.

Load up sample ESG screens

- Expand the drop-down option after 'Unsaved Screens' at the top left corner of the screen and select 'View and Manage all Screens'
- Under Sample Screens, four different ESG templates are available:
 - TR ESG CO2 Screen
 - TR ESG Compensation Screen
 - TR ESG Gender Diversity
 - TR ESG Negative Screening
- Select the desired sample template and click on the Load button at the bottom, right corner of the window.



Or create your own view:

- Select your geography, sector universe
- Select the ESG metrics – be aware that you can filter by amount, >%, <%, in top #, in bottom #, in top % or bottom %
- Set your templates (columns), to display the most important indicators for your selection

The screenshot shows the 'SCREENER' window with a 'REPORT' tab. The left sidebar contains filters for 'UNIVERSE' (Public Companies, 64.2K), 'Include' (Active, Public, Primary), 'Exclude' (None), and 'QUICK FILTERS' (Country of Exchange, Country of Incorporation, Company Market Cap, Average Daily Value Traded - 52 Weeks, TRBC Industry Name). The main table displays the following data:

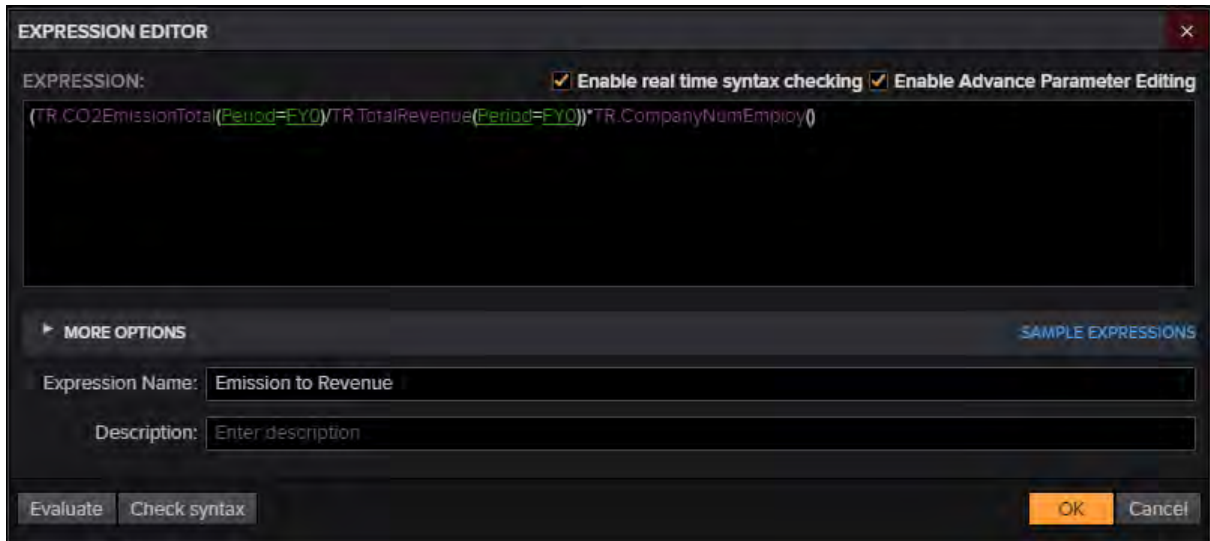
Identifier (RIC)	Company Name	Country of Headquarters	TRBC Economic Sector Name	CO2 Equivalent Emissions Total (FY0)	CO2 Equivalent Emissions Direct, Scope 1 (FY0)	CO2 Equivalent Emissions Indirect, Scope 2 (FY0)
SGCL	Stagecoach Group PLC	United Kingdom	Industrials	917,463.00	897,271.00	20,192.00
AHT.L	Ashtead Group PLC	United Kingdom	Industrials	303,734.00	265,319.00	38,415.00
BAB.L	Babcock International Group PLC	United Kingdom	Industrials	219,997.80	144,350.70	75,647.10
SIGSL	Signature Aviation PLC	United Kingdom	Industrials	83,666.00	37,021.00	46,645.00
BALF.L	Balfour Beatty PLC	United Kingdom	Industrials	224,430.00	175,065.00	49,365.00
BOYL	Bodycote PLC	United Kingdom	Industrials	316,900.00	142,600.00	174,400.00
BAES.L	BAE Systems PLC	United Kingdom	Industrials	1,020,435.00	506,248.00	514,187.00
BNZL.L	Bunzl plc	United Kingdom	Industrials	124,006.00	95,249.00	28,757.00
CPL	Capita PLC	United Kingdom	Industrials	65,150.19	19,975.68	45,174.51
CHGL	Chemring Group PLC	United Kingdom	Industrials	28,591.00	11,540.00	17,051.00
CKN.L	Clarkson PLC	United Kingdom	Industrials	2,610.00	1,053.00	1,557.00
VSVSL	Vestvius PLC	United Kingdom	Industrials	483,000.00	370,000.00	113,000.00
CGSG.L	Costain Group PLC	United Kingdom	Industrials	16,703.00	15,921.00	782.00
RSWL	Renishaw PLC	United Kingdom	Industrials	7,888.38	3,971.87	3,916.51
DPLM.L	Diploma PLC	United Kingdom	Industrials	4,283.00	1,002.00	3,281.00
ERM.L	Euromoney Institutional Investor PLC	United Kingdom	Industrials	2,000.00	700.00	1,300.00
FSJL	James Fisher and Sons PLC	United Kingdom	Industrials	94,600.00	92,900.00	1,800.00
GFRD.L	Galliford Try Holdings PLC	United Kingdom	Industrials	47,978.00	42,925.00	5,053.00
REDD.L	Redde Northgate PLC	United Kingdom	Industrials	9,887.00	6,793.00	3,094.00

Or create your own custom indicators, by selecting New Expression in the 'Data Item Library'.

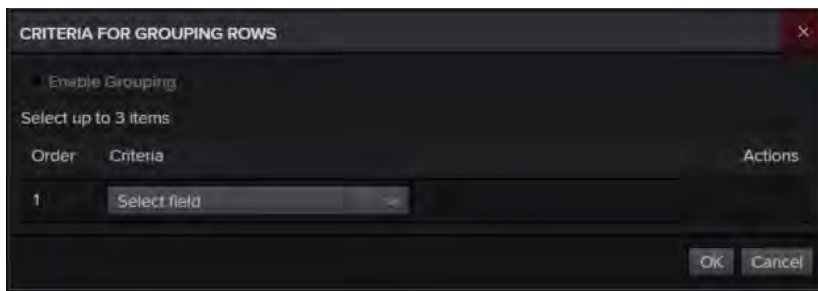
The 'DATA ITEM LIBRARY' dialog box is shown with the following components:

- Category:** A search input field containing 'Enter filter text'.
- Parameters:** A field containing 'No item selected'.
- Categories List:**
 - Favorites (0)
 - Activism and Defense (36)
 - Environmental, Social and Govern...
 - I/B/E/S Estimates (11058)
 - Japan Fundamentals (178)
 - Ownership (9)
 - Period End Ratios (1093)
 - Price & Volume (304)
 - Reference & Identifiers (72)
 - Reuters Fundamentals (1028)
- Search Results:** A list of items including 'RECENTLY USED', 'CO2 Equivalent Emissions Indirect, Sc...', 'CO2 Equivalent Emissions Direct, Sco...', 'CO2 Equivalent Emissions Total', 'Compensation Improvement Tools', 'ESG Score', 'Environment Pillar Score', 'Executive Members Gender Diversity, ...', and 'Female on Board'.
- Sorting:** Radio buttons for 'Alphabetical' and 'Relevance' (selected).
- Definition:** A field containing 'No item selected'.
- Buttons:** 'New Expression', 'Cancel', and 'OK'.

Design custom indicators



Use the grouping or ranking ability to more easily identify top performers



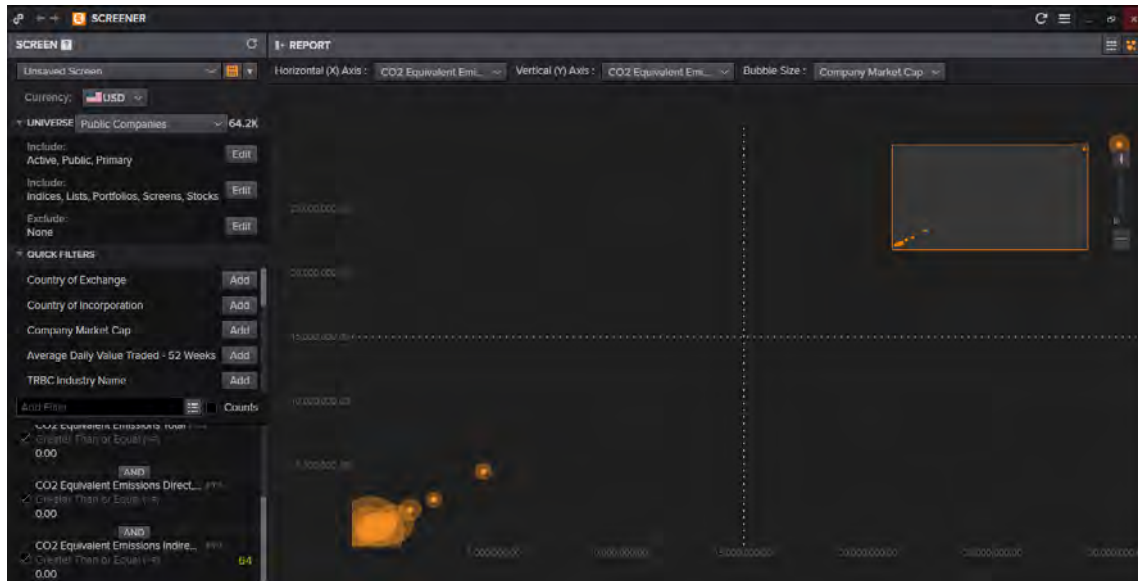
SCREENER

ESG (Copy) | ESG | Add Column | Group | Show Factor Ranks | Add Rank

Currency: USD | Public Companies | 65.2K

Country of Headquarters	Country of Exchange	Country of Incorporation	Average Daily Value Traded - 52 Weeks	TRBC Economic Sector Name	Company Market Cap (USD)	ESG Score (1-Median)	ESG Combined Score (1-Median)	Independent Board Members (1-Median)	Female on Board (1-Median)	Tax Fraud Controversies (1-Median)	ESG Score Discrepancy	Controversies Customer Health & Safety (1-Median)	ESG Score 1 (Best)	ESG Score 100 (Worst)
Fourth ESG Score Quartile (63)	Third ESG Score Quartile (64)	Second ESG Score Quartile (63)	First ESG Score Quartile (64)	HIS.N	33,135,905,108.63	87.51	79.79	73.33	30.77	1	87.51	2		
				RIOL	30,172,174,235.40	81.63	78.85	67.71	28.57	2	81.63	4		
				D011.HK	24,875,189,165.13	76.47	75.13	66.67	25.00	1	76.47	1		
				MDLZ.OQ	29,016,229,177.62	72.17	71.57	73.86	26.97	1	72.17	1		
				GRIS.MC	17,554,608,010.65	74.43	74.43	91.67	40.00	NA	74.43	NA		
				AVL	128,460,461,086.18	74.32	41.09	72.73	11.11	NA	74.32	NA		
				1925T	34,599,359,672.47	74.40	74.40	42.86	38.46	NA	74.40	NA		
				AMCR.N	81,690,897,022.56	74.20	52.30	92.31	23.08	NA	74.20	NA		
				SCMN.S	17,583,395,494.52	74.18	74.18	57.14	30.77	NA	74.18	NA		
				SEB.ST	13,491,462,248.00	74.03	74.03	76.92	38.46	NA	74.03	NA		
				SCMN.S	18,355,562,817.02	73.78	73.78	64.29	30.00	NA	73.78	NA		
				SCMN.S	18,952,721,991.39	74.15	74.15	13.64	9.09	NA	74.15	NA		
				SCMN.S	36,294,876,457.28	73.73	73.73	91.67	41.67	NA	73.73	NA		
				SCMN.S	17,535,623,382.42	73.67	73.67	91.67	20.00	NA	73.67	NA		
				SCMN.S	43,136,199,464.22	73.61	73.61	25.00	37.50	1	73.61	NA		
				SCMN.S	24,352,549,617.94	73.61	53.10	64.29	38.46	4	73.61	NA		
				SCMN.S	28,579,377,352.20	73.55	56.77	100.00	33.33	NA	73.55	NA		
				SCMN.S	45,887,815,835.72	73.51	73.51	40.00	20.00	NA	73.51	NA		

Or use the scatter plot



Negative Screening using the Data item picker

Avoid companies involved in 'unethical' activities.

Within the Screener app you can:

- Spot the unethical companies on your universe of interest
- Upload your portfolio and identify if you have unethical stocks under management

Upload your portfolio:

1. Apply ESG exclusion criteria
2. Load template
3. And/or add the ESG data-point you want to display

For positive screening, use the Group, Rank and Scatter plot feature to spot the stocks you want to identify.

Note that a pre-loaded template exists on negative screening:

Identifier (RIC)	Company Name	Amalgamated (Y/N)	Amalgamated % Revenue (Y/N)	Cluster (Y/N)	ESG	ESG	ESG	ESG	ESG
SGCL	Stagcoach Group PLC	false	NA	NA	false	false	false	NA	NA
AHTI	Ashford Group PLC	false	NA	NA	false	false	false	NA	NA
BABI	Babcock International Gr.	true	3,109,655,981	true	false	false	false	NA	NA
SIGSL	Signature Aviation PLC	true	213,186,600	true	false	false	false	NA	NA
BALI.L	Bellou Beauty PLC	false	NA	NA	false	false	false	NA	NA
BOYL	Bodycote PLC	true	NA	NA	false	false	false	NA	NA
BAES.L	BAE Systems PLC	true	14,521,255,309	true	false	false	false	NA	NA
BNZJ.L	Bunzl plc	false	NA	NA	false	false	false	NA	NA
CPHJ	Capita PLC	false	NA	NA	false	false	false	NA	NA
CHG.L	Chemring Group PLC	true	433,747,412	true	false	true	false	NA	NA
CKNL	Clarkson PLC	false	NA	NA	false	false	false	NA	NA
VSVS.L	Vestavia PLC	false	NA	NA	false	false	false	NA	NA
CDSGL	Costain Group PLC	false	NA	NA	false	false	false	NA	NA
BSWL	Brenshaw PLC	true	NA	NA	false	false	false	NA	NA
GRML	Diploma PLC	false	NA	NA	false	false	false	NA	NA
IRM.L	Evromoney Institutional L.	false	NA	NA	false	false	false	NA	NA
PSJ.L	James Fisher and Sons P.L.	true	NA	NA	false	false	false	NA	NA
GFSD.L	Galiford Try Holdings PLC	false	NA	NA	false	false	false	NA	NA
BSSE.L	BSSE PLC	false	NA	NA	false	false	false	NA	NA

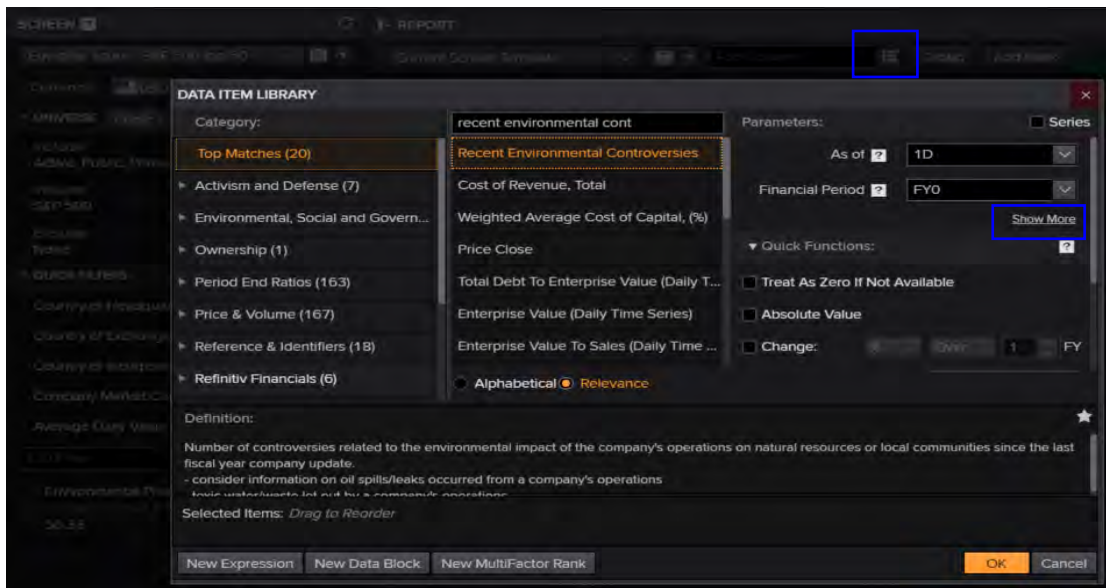
Identify the most or least carbon intensive companies

Export ESG source data using eikon screener

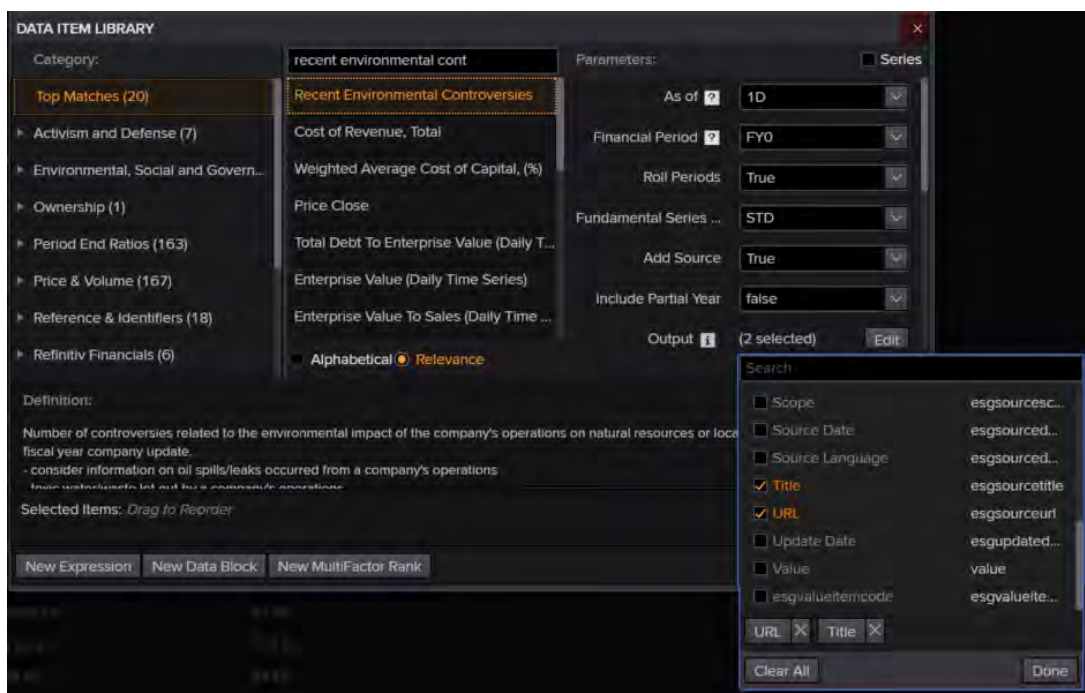
Screen companies for their holdings or the entire universe of listed companies against ESG factors like controversial activities.

In this example we have screened for companies that are flagged for having one or more recent environmental controversies and we would like to see what the sources behind these are.

1. Open the 'Data Item Library; to add a column.
2. Select the ESG data item for which you would like to extract the Source information and click "Show More" under Parameters.



3. Change the setting "Add Source" to True.
4. Select the desired output options, to avoid duplication uncheck the Value check box first and then add the source fields by clicking "Edit". Click on Done.



See below table for the full list of all source output options:

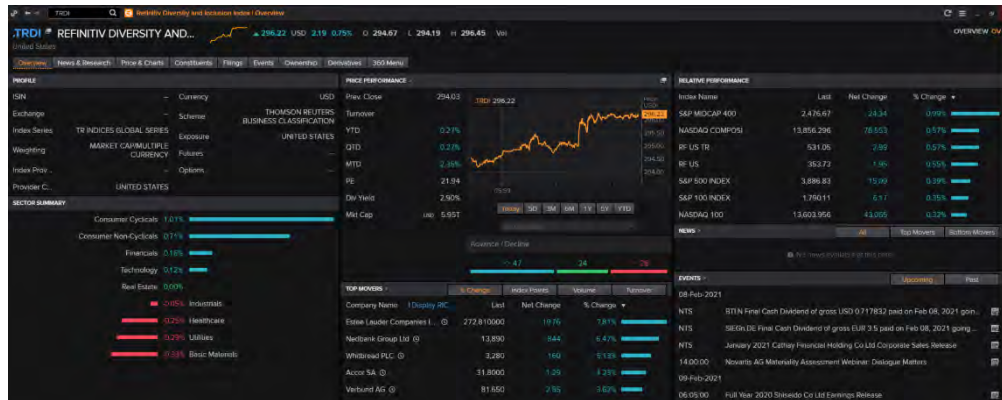
esgsourceitle	Title	This is the source title from which the ESG value was collected.
esgsourceurl	URL	This is the External URL of the source used to collect the ESG Value.
esgsourcepage	Page	This is the page number or a range of pages in the source where the ESG Value was detected.
esgsourcedate	Source Date	The date of the source where the ESG Value was detected.
esgsourcescope	Scope	The coverage scope in the source where the ESG Value was detected – Global, Regional or Segment.
esgsourcecomment	Comment	This is the comment written by the analyst who collected the ESG Value.
esgsourcepublisher	Publisher	The publisher of the source where the ESG Value was detected.
esgsourceauthor	Author	The author of the news article where the ESG Value was detected.
esgsourceabstract	Abstract	This is the abstract from the source where the ESG Value was detected.

5. Click OK to add the information to the report.
6. Export to Excel either as Formulas or Values only.

DIVERSITY AND INCLUSION

In Eikon you have access to the Refinitiv Diversity & Inclusion Index. Powered by our ESG data, the D&I index is designed to measure the relative performance of companies against factors that define diverse and inclusive workplaces.

The index is rebalanced every quarter and can be found using the RIC, .TRDI



In the Excel Template Library, we also have a diversity and inclusion scoring template:

The screenshot shows the Excel Template Library interface with several templates listed under the 'DIVERSITY AND INCLUSION' category:

- AGGREGATED ESG SCORE FOR FUNDS:** A template that aggregates ESG summary and category scores for funds based on individual securities' portfolio weighting.
- DIVERSITY AND INCLUSION:** A template containing all measures and underlying source data used to produce the diversity and inclusion scores. It includes five different worksheets: Measures, A table containing all of the underlying 24 diversity and inclusion measures, The table provides details such as the Refinitiv Assessment Methodology, the underlying data sources, and the Refinitiv ESG Scoring Methodology. It also provides instructions on how to use the template to view the diversity and inclusion scores and download the Score Card.
- ESG - COMPANY DATA:** A template that introduces ESG data available in Eikon Office.
- ESG - PEER COMPARISON:** A template that can be used for Peer comparison of ESG data available in Eikon Office.
- ESG CUSTOM SCORING TEMPLATE:** A template that allows users to create a custom ESG scoring methodology. It includes a table of category weights and a table of custom weights. It also provides instructions on how to use the template to view the diversity and inclusion scores and download the Score Card.
- MAPPING TO UN SDG:** A template that maps TRDI ESG metrics to UN Sustainable Development Goals.

Country ISO Code of Headquarters	GB
ESG Data Based On Reported Fiscal Year	FY2019
Fiscal Year End Date	31/12/2019
Refinitiv D&I Overall Rank	146/2855
Refinitiv D&I Country Rank	14/206
Refinitiv D&I TRBC Industry Group Rank	14/245

Top 5 - Banking Services	Rank	Overall D&I Score *
Royal Bank of Canada	1	78.75
Bank of Nova Scotia	2	76.75
Toronto-Dominion Bank	3	74.75
Societe Generale SA	4	74.5
Bank of Montreal	5	73.5

Bottom 5 - Banking Services	Rank	Overall D&I Score *
Aozora Bank Ltd	239	36
Horizon Bancorp Inc	241	35.75
Indiabulls Housing Finance Ltd	243	35
Investors Bancorp Inc	244	34.5
Shriram Transport Finance Company Ltd	245	32

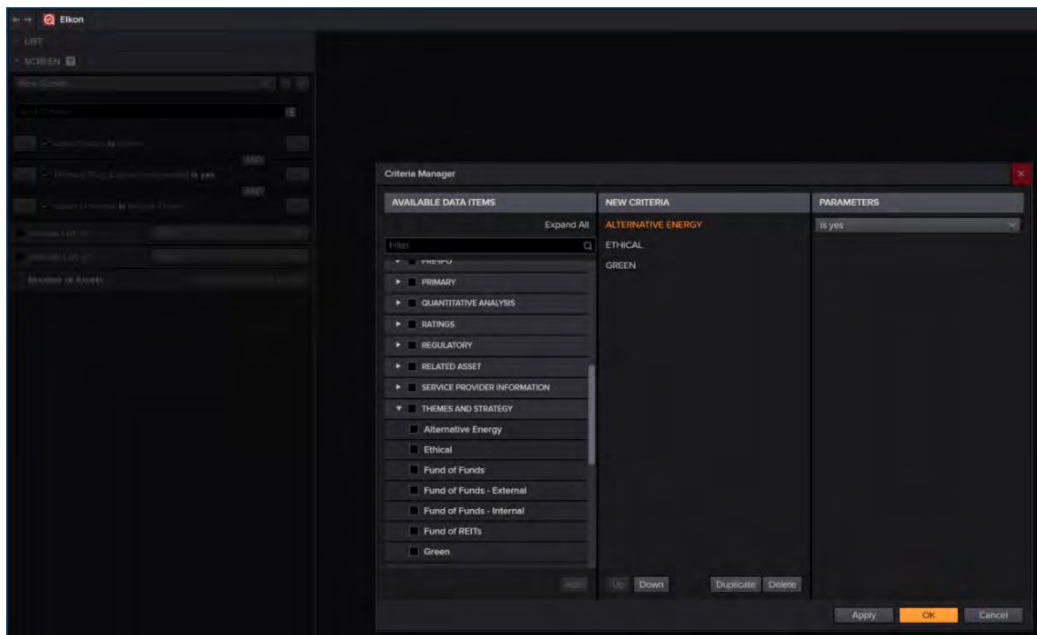
Company Name	Standard Criteria		Top Ranked Banking Services	
	PLC	Autonomous NV	Autonomous NV	Royal Bank of Canada
TRDIR Score	61.25	73.25	78.75	78.75
TRDIR Diversity Score	48.00	58.00	59.00	59.00
TRDIR People Development Score	59.00	65.00	63.00	63.00
TRDIR Inclusion Score	62.00	69.00	69.00	69.00

ESG FUNDS

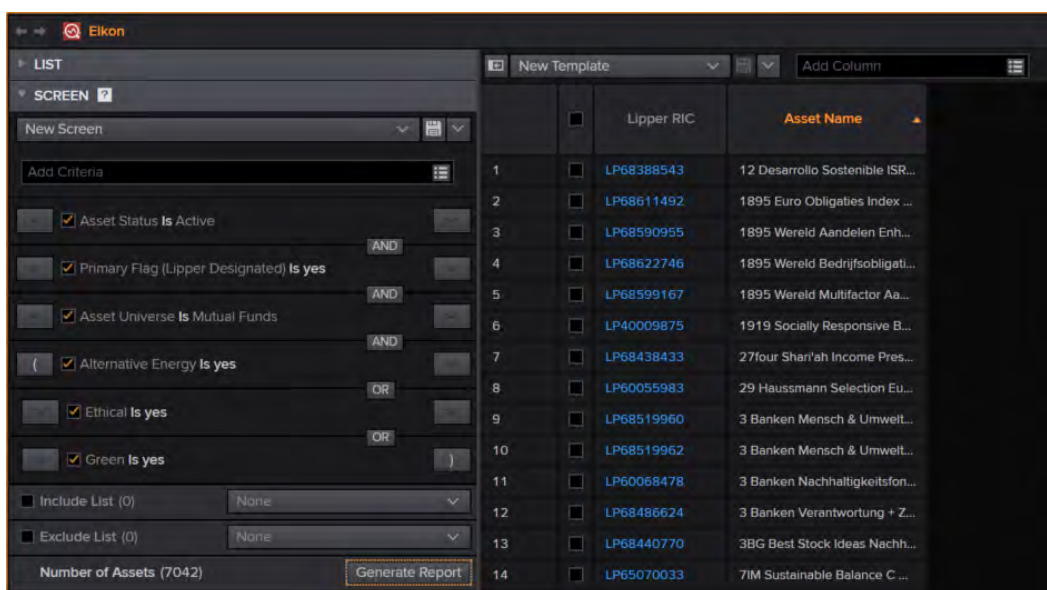
Eikon allows you to get the ESG position of funds and enables you to compare ESG Funds with one another.

To identify ESG funds, go to the Fund Screener app in Eikon. In the criteria manager:

1. Select Themes and Strategy
2. Tick one or several of the following criteria: Alternative Energy, Ethical, Green, Water
3. Set the parameter to Yes for each of the criteria



Adjusting the logical operators and parenthesis to include all desired funds



ESG fund scores

When in the fund view in Eikon choose the ESG tab.

ESG Metric	11-Jun-2020	30-Sep-2020	30-Jan-2021	11-May-2020	11-Aug-2020	30-Jan-2021	11-May-2020	30-Sep-2020	11-Aug-2020	30-Jan-2021	11-Jan-2021
ESG Coverage Check	99.82	99.84	99.82	99.83	99.90	99.68	99.43	99.60	99.54	99.02	97.16
ESG Coverage Count	1,441.00	1,443.00	1,451.00	1,460.00	1,460.00	1,459.00	1,453.00	1,475.00	1,487.00	1,509.00	1,453.00
ESG Score	92.73	92.65	94.20	94.29	93.29	92.72	93.20	93.48	93.34	92.18	93.07
Environment Pillar Score	96.8%	96.87	98.97	97.44	96.66	96.38	96.31	96.75	97.0%	96.59	95.32
Resource Use Score	69.60	69.73	70.93	70.61	69.40	69.54	69.20	69.72	70.23	69.30	69.75
Emissions Score	65.60	65.66	65.73	65.89	64.71	64.48	64.06	64.95	64.62	64.06	63.52
Environmental Innovation Score	37.03	36.94	37.34	38.98	37.80	35.38	35.43	35.62	35.82	36.71	35.30
Social Pillar Score	87.85	87.75	88.51	86.42	90.18	88.30	88.00	86.35	86.48	87.86	87.45
Workforce Score	76.88	76.84	78.18	72.30	72.23	72.98	72.74	72.74	72.43	71.48	71.68
Human Rights Score	98.53	98.52	97.89	97.90	97.35	97.37	94.84	94.90	95.01	96.03	94.01
Community Score	80.81	80.95	80.13	80.11	79.03	80.04	80.39	80.68	80.37	80.11	80.26
Product Responsibility Score	59.04	58.18	59.68	59.63	58.63	60.04	60.24	60.74	60.67	59.21	58.68
Governance Pillar Score	63.12	62.90	63.31	63.70	62.48	62.16	61.93	62.03	61.87	62.74	61.74
Management Score	86.40	86.07	86.49	87.22	85.64	85.18	84.84	85.11	84.74	85.96	85.60
Shareholders Score	54.99	54.88	55.40	55.08	54.61	54.88	54.72	54.62	54.20	53.75	53.61
CSR Strategy Score	59.48	59.14	59.61	59.08	59.25	58.03	57.24	57.35	58.28	57.56	57.37
ESG Controversies Score	91.85	92.18	92.24	90.81	91.62	92.81	93.64	93.85	94.64	94.70	93.64
ESG Combined Score	98.61	98.63	98.89	99.45	98.18	98.90	98.91	99.07	99.35	99.03	99.41

Aggregated ESG fund scores

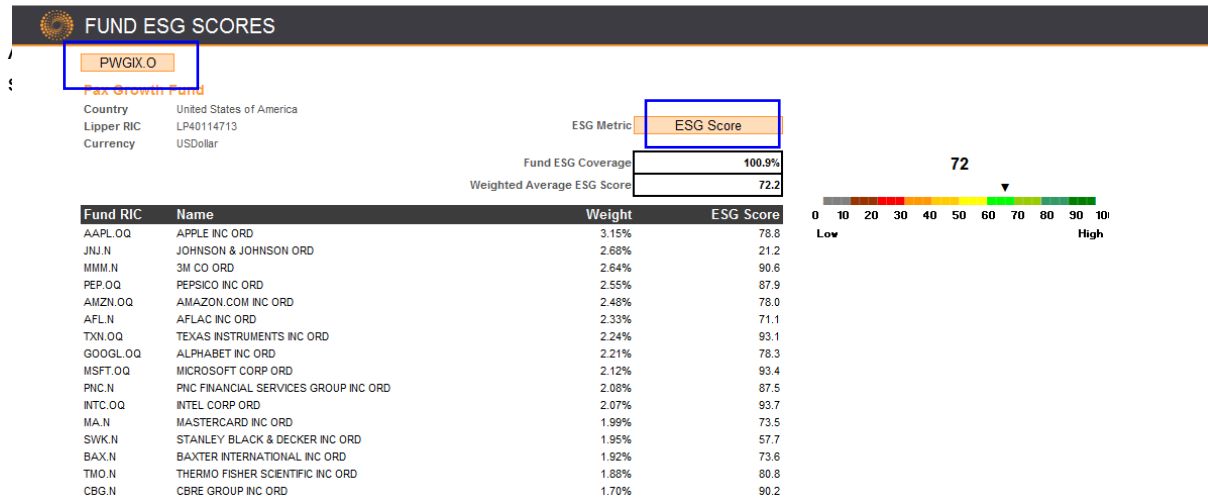
Choose the aggregated ESG score for funds template in the excel library.

Category	Template Name	Description
AGGREGATED ESG SCORE FOR FUNDS	AGGREGATED ESG SCORE FOR FUNDS	This template aggregates ESG summary and category scores for funds based on individual securities portfolio weighting.
DIVERSITY AND INCLUSION	DIVERSITY AND INCLUSION	The Diversity & Inclusion template contains all of the metrics and underlying source data used to produce the diversity and inclusion scores. This template has five different worksheets: Measures, A table containing all of the underlying 24 diversity and inclusion measures. This table provides details such as the relevant Bloomberg field codes, files, descriptions, the units, benchmarks and output types of each field. Scoring Methodology: Step by step instructions as to how the diversity and inclusion scores are calculated. Score Card: Dynamically updated based on the subject company latest available DEI annual and pillar scores as well as the latest information across all of the 24 DEI measures. The Score Card enables you to view the overall rank, country rank and TRBC industry group rank of the fund.
ESG - COMPANY DATA	ESG - COMPANY DATA	This template introduces ESG data available in Eikon Office.
ESG - PEER COMPARISON	ESG - PEER COMPARISON	This template can be used for Peer comparison of ESG data available in Eikon Office.
ESG CUSTOM SCORING TEMPLATE	ESG CUSTOM SCORING TEMPLATE	Utilizing ESG summary and pillar scores are weighted average of ESG category scores. Under Refinitiv ESG Scoring methodology, the category weightings are consistent across all industries and sectors. This custom template allows users to express their views on the materiality of individual ESG categories as part of comparing overall ESG performance. In this template, user can define category weightings for each one of TRBC Business Sectors, and calculate customized ESG pillar and summary scores. All templates (Screen View, Worksheet View, and Manual Edit) provide same by user configuration of ESG summary and pillar scores under Refinitiv methodology, and user defined custom weighting.
MAPPING TO UN SDG	MAPPING TO UN SDG	New template that maps TR ESG metrics to UN Sustainable Development Goals.

The file will calculate the different ESG scores of your fund

1. Input the RIC of your fund, the file will retrieve the latest holdings of the fund
2. Choose the ESG Score you want to display among the following:
 - a. ESG score
 - b. ESG combined score
 - c. ESG controversies score
 - d. Resource use score
 - e. Emissions score
 - f. Environmental innovation score
 - g. Workforce score
 - h. Human rights score
 - i. Community score
 - j. Product responsibility score
 - k. Management score
 - l. Shareholders score
 - m. CSR strategy score

n. TRDIR score

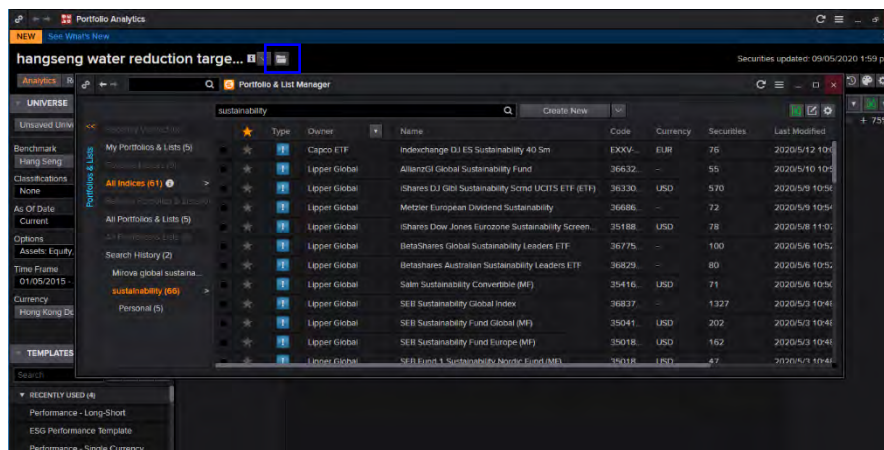


ESG PORTFOLIO MANAGEMENT

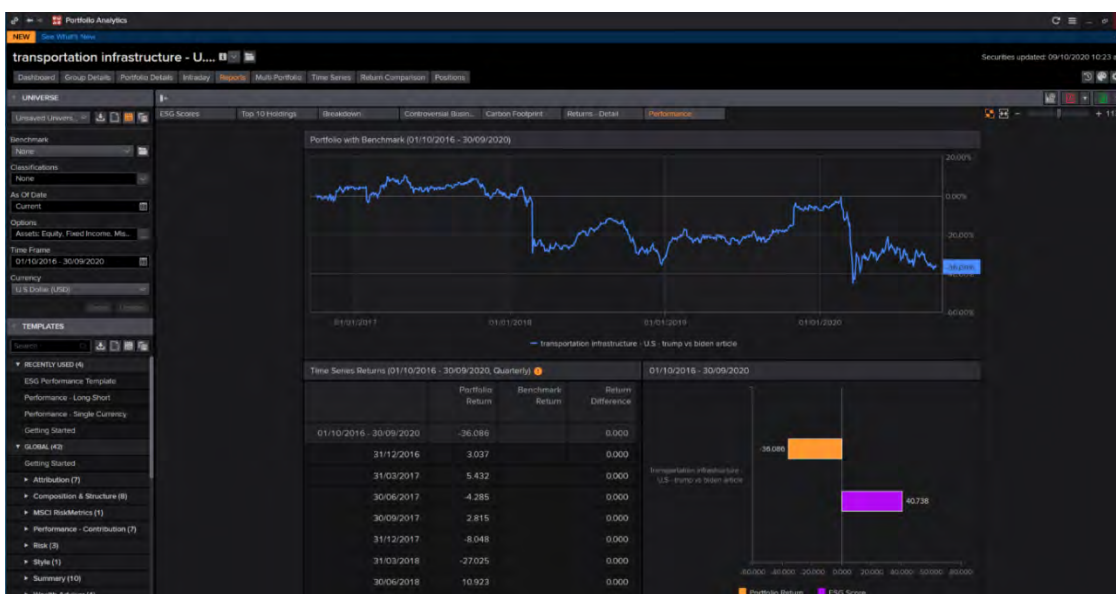
Eikon carries several features that help you get an aggregated ESG view of an entire portfolio, in Excel or in Portfolio Analytics.

In portfolio analytics, view the ESG performance of a fund or the ESG performance of your portfolio.

1. Open the portfolio and list manager
2. Type in the name of the desired fund or portfolio
3. Select the fund/portfolio

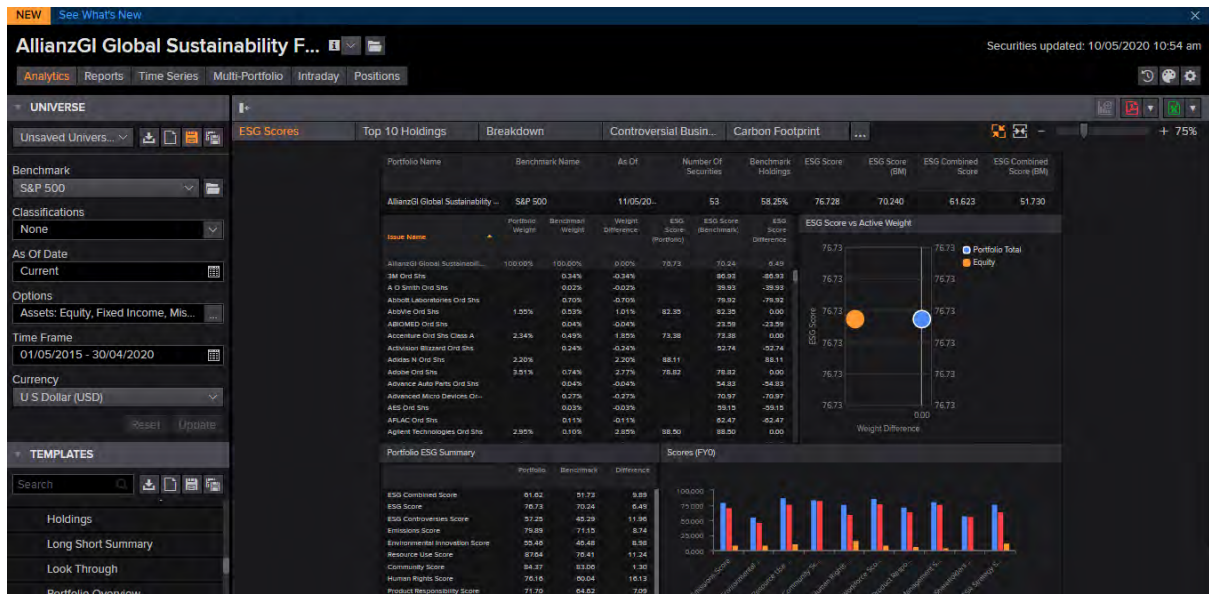


1. Click on the Reports tab
2. In the Templates section, choose ESG Performance template
3. At the top of the screen select the analysis you want to perform



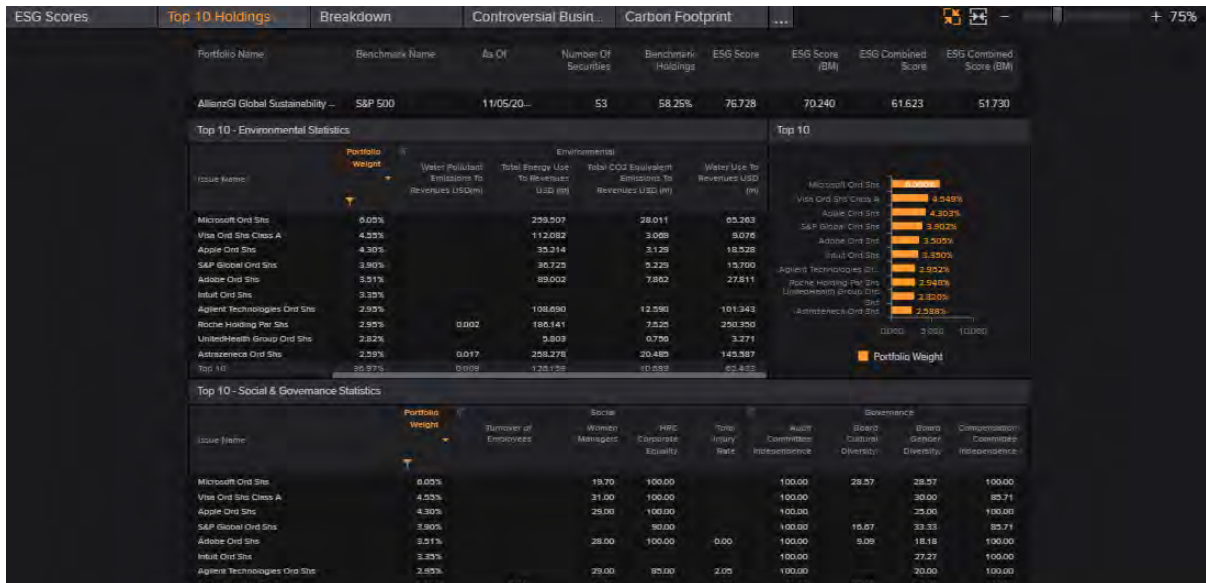
The **ESG Score** tab provides a global comparison of the chosen fund/portfolio against its benchmark

1. High level summary of the fund/portfolio
2. ESG Score and ESG Combined Score of the portfolio and comparison against its benchmark
3. List of the main sectors of the fund and of the benchmarks, holdings and ESG score comparison by sector
4. ESG Score of the fund by sector displayed as a difference of holding weight vs. the benchmark in a chart
5. List of all the ESG scores of the fund compared with those of the Benchmark
6. Graphical display of the adjacent table



The **Top 10 Holdings** tab, displayed the score of the top 10 holdings of the portfolio/fund

1. High level summary of the fund/portfolio with its ESG Scores compared to its benchmark
2. List of the top 10 holdings of the fund/portfolio with the main environmental statistics
3. Graphical display of the respective weight of the Top 10 Holdings
4. List of the top 10 holdings of the fund/portfolio with their main social and governance statistics



The **Breakdown** tab provides a view of the evolution of the ESG ratings over time and a breakdown of those scores by region and sector.

1. Year on year evolution of the different ESG Scores of the Fund/portfolio
2. Graphical display of this year on year evolution
3. Breakdown of the ESG score by sector and comparison by region
4. Contribution of the top 10 holdings to the performance of the portfolio and respective ESG scores



The **Controversial Business** tab looks at how the different holdings of the portfolio are involved in controversial activities (like the manufacturing or sale of armaments, gaming, tobacco etc.).

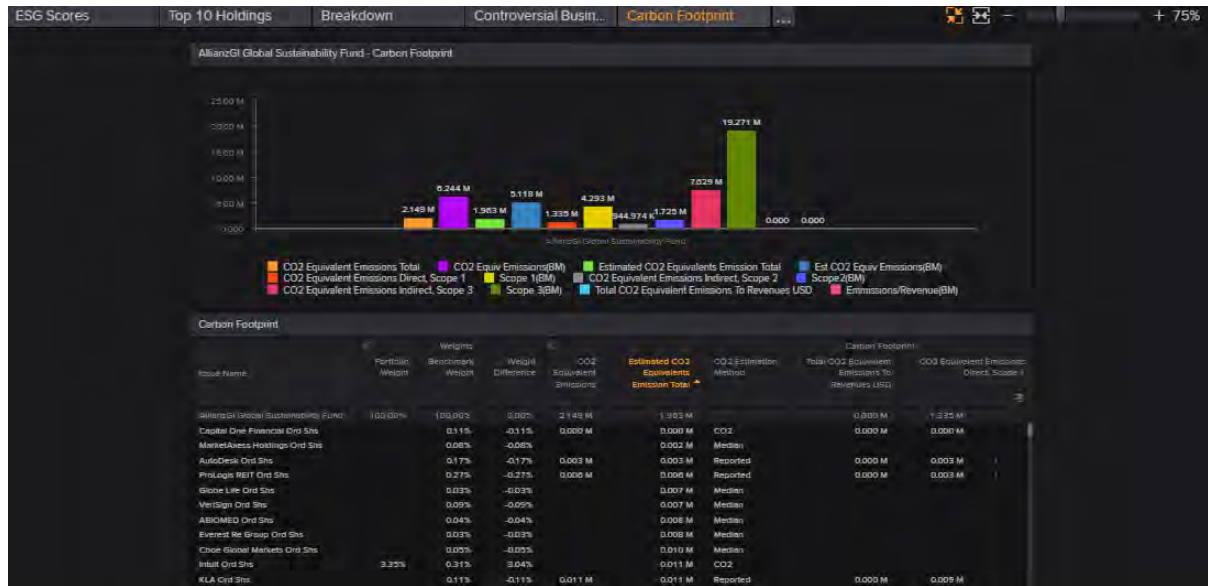
1. Table presenting all the holdings of the fund/portfolio, classified by sector and presenting their involvement in controversial activities.

Controversial Business Involvement

Issue Name	Portfolio Weight	Abortifacients	Alcohol	Armaments	Contraceptive	Embryonic Stem Cell Research	Gambling	Pornography	Tobacco	Alcor Revenue
AllianzGI Global Sustainability Fund	100.00%									
Microsoft Ord Sh	8.00%	false	false	false	false	false	false	false	false	
Vital Ord Sh Class A	4.55%	false	false	false	false	false	false	false	false	
Apple Ord Sh	4.30%	false	false	false	false	false	false	false	false	
S&P Global Ord Sh	3.90%	false	false	false	false	false	false	false	false	
Adidas Ord Sh	3.51%	false	false	false	false	false	false	false	false	
Intuit Ord Sh	3.35%	false	false	false	false	false	false	false	false	
Agilent Technologies Ord Sh	2.95%	false	false	false	false	false	false	false	false	
Roche Holding Par Sh	2.90%	false	false	false	false	false	false	false	false	
UnitedHealth Group Ord Sh	2.82%	false	false	false	false	false	false	false	false	
Astellera Ord Sh	2.59%	false	false	false	false	false	false	false	false	
Starbucks Ord Sh	2.57%	true	false	false	false	false	false	false	false	
Alphabet Ord Sh Class A	2.50%	false	false	false	false	false	false	false	false	
Keyence Ord Sh	2.41%	false	false	false	false	false	false	false	false	
Accenture Ord Sh Class A	2.34%	false	false	false	false	false	false	false	false	
Danaher Industries Ord Sh	2.28%	false	true	false	false	false	false	false	false	
Ecobab Ord Sh	2.20%	false	false	false	false	false	false	false	false	
International Flavors & Fragrances	2.21%	false	false	false	false	false	false	false	false	
Adidas N Ord Sh	2.20%	false	false	false	false	false	false	false	false	
Atlas Copco Ord Sh Class A	2.19%	false	false	false	false	false	false	false	false	
Reckitt Benckiser Group Ord Sh	2.15%	false	false	true	false	false	false	false	false	
Muenchener Rueckversicherungs	2.02%	false	false	false	false	false	false	false	false	
Johnson & Johnson Ord Sh	2.01%	false	false	true	true	false	false	false	false	
SAP Ord Sh	1.98%	false	false	false	false	false	false	false	false	
American Express Ord Sh	1.90%	false	false	false	false	false	false	false	false	
Unilever Ord Sh	1.88%	false	false	false	false	false	false	false	false	
Novo Nordisk Ord Sh Class B	1.79%	false	false	false	true	false	false	false	false	
CSL Ord Sh	1.77%	false	false	false	false	false	false	false	false	
Estee Lauder Ord Sh Class A	1.60%	false	false	false	false	false	false	false	false	
Mondelez International Ord Sh C-	1.59%	false	false	false	false	false	false	false	false	

The **Carbon Footprint** dashboard aims at presenting the overall Carbon Footprint of the portfolio and how it is split between its different holdings

1. Graphical display of the Carbon Footprint of the portfolio
2. Detail of the holding's individual contribution to the portfolio's Carbon Footprint



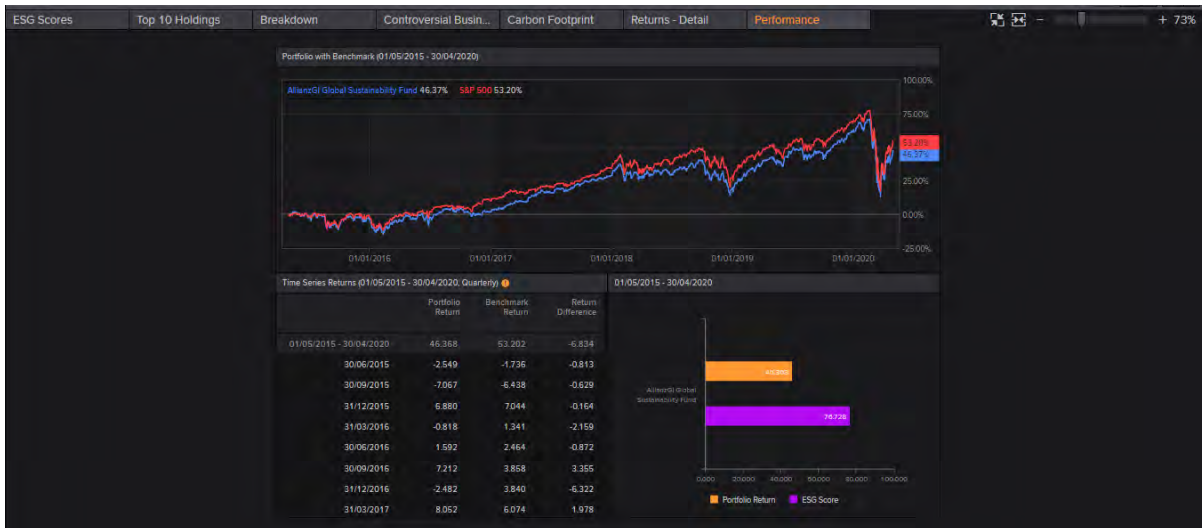
The **Returns – Details** tab present the contribution, attribution of the different sectors and stocks of the portfolio with their difference against the benchmark in the context of the ESG Score of the different sectors, stocks. The aim being to assess how the performance of a specific sector has been improved or worsen by a good/bad ESG factor

1. List of all portfolio holdings with respective ESG scores and contribution to the performance of the portfolio

Issue Name	Portfolio Weight	ESG Scores			Portfolio Return	Benchmark Return	Returns	
		ESG Score (Portfolio)	ESG Combined Score	ESG Controversies Score			Return Difference	Contribution to Portfolio Return
AllianzGI Global Sustainability Fund	100.00%	76.73	61.62	57.25	46.37	53.20	-6.83	46.37
AbtVie Ord Shs	1.55%	82.35	58.33	34.31	11.29	58.05	-46.76	0.13
Accenture Ord Shs Class A	2.34%	73.38	73.38	100.00	116.96	116.96	0.00	2.18
Adidas N Ord Shs	2.20%	88.11	73.22	58.33	199.04		199.04	3.38
Adobe Ord Shs	3.51%	78.82	78.82	90.44	59.58	362.70	-303.11	1.56
Agilent Technologies Ord Shs	2.95%	88.50	88.50	100.00	92.30		0.00	1.93
AIA Group Ord Shs	1.34%	68.40	68.40	100.00	-5.21		-5.21	-0.07
Allergan Ord Shs		64.50	41.07	17.65	5.89	-31.52	37.41	0.05
Alphabet Ord Shs Class A	2.55%	63.05	32.63	2.21	124.08	144.34	-20.26	2.77
Amadeus It Group Ord Shs		88.94	88.94	90.44	13.34		13.34	0.86
American Express Ord Shs	1.95%	73.68	55.81	37.95	27.31		0.00	0.79
Apple Ord Shs	4.30%	79.02	41.43	3.85	125.76	147.61	-21.86	2.84
Assa Abloy Ord Shs Class B	1.44%	66.53	66.53	100.00	-16.11		-16.11	-0.40
Astellas Pharma Ord Shs		86.95	86.95	100.00	-18.27		-18.27	-0.29
AstraZeneca Ord Shs	2.59%	94.94	91.54	88.14	89.12		89.12	1.55

The **Performance** tab displays the performance of the portfolio against that of the benchmark and presents the returns of each sector considering their ESG score.

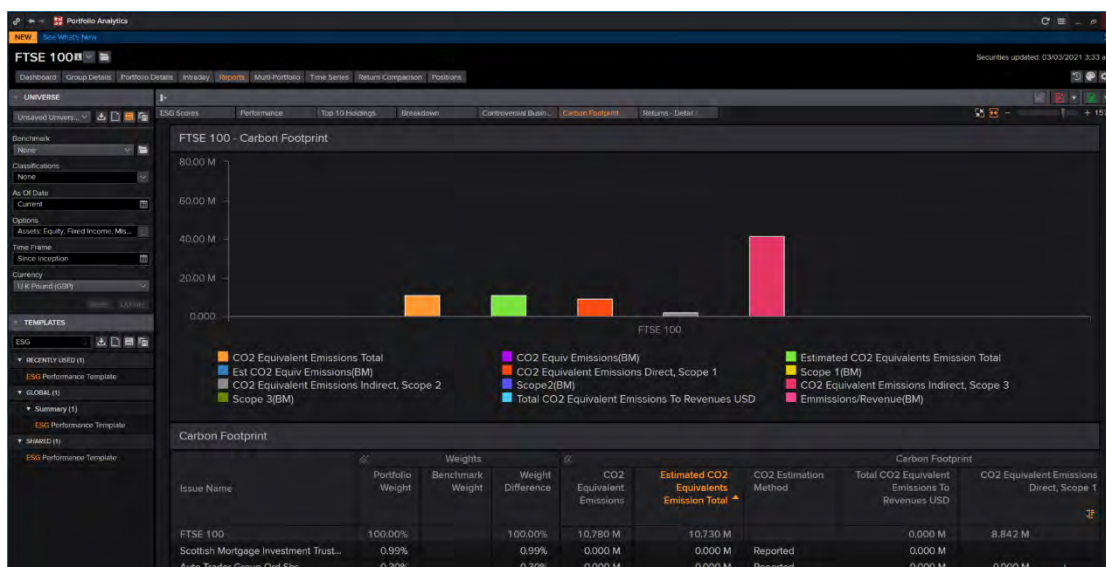
1. Chart of the portfolio performance against its benchmark
2. Difference in return between the portfolio and benchmark over time
3. Performance of the portfolio sectors considering their respective ESG Ratings



By going to the Reports Section of Portfolio Analytics, you will find other angles on which to assess the ESG performance of your funds.

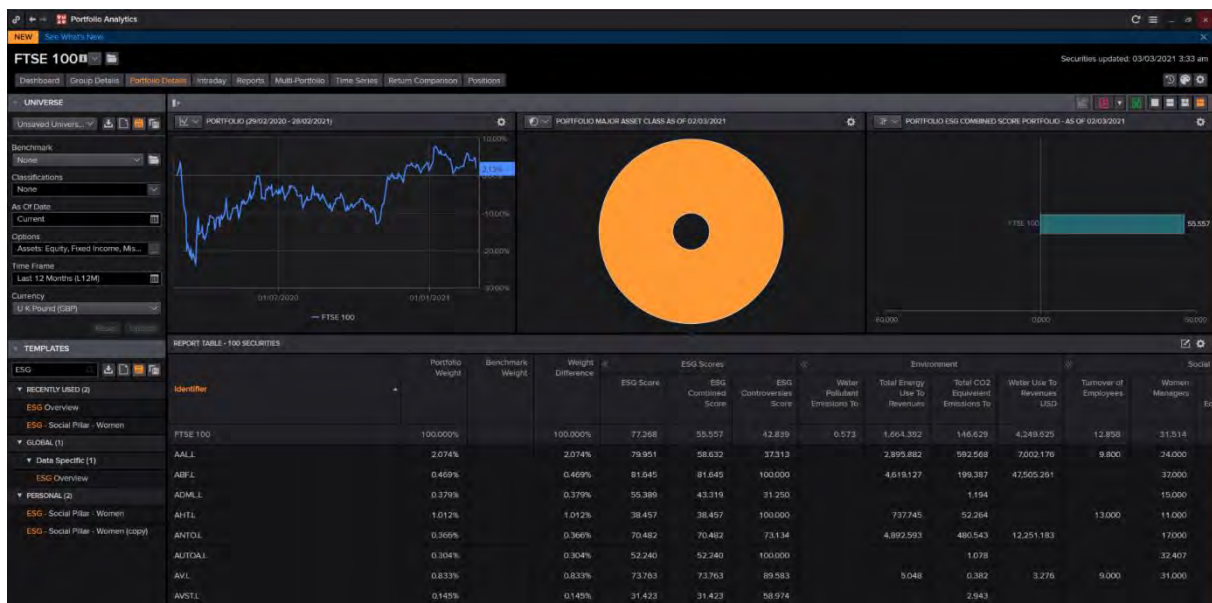
Within the 'Reports' tab of PORT, choose the 'ESG Performance Template', within the body of the report the 'Carbon Footprint' report will help you assess the Carbon Footprint of your portfolio, while letting you add additional data-points in the report if needed.

1. Click on the reports tab to access this specific report
2. Select in Templates, Data Specific section, Carbon Footprint
3. A chart of the Estimates CO2 per share owned is presented by Sector
4. The report at the bottom is presenting the Reported Emission by each firm at the firm level and aggregated at the sector level
5. The report at the bottom is presenting the Estimated Emission by each firm at the firm level and aggregated at the sector level



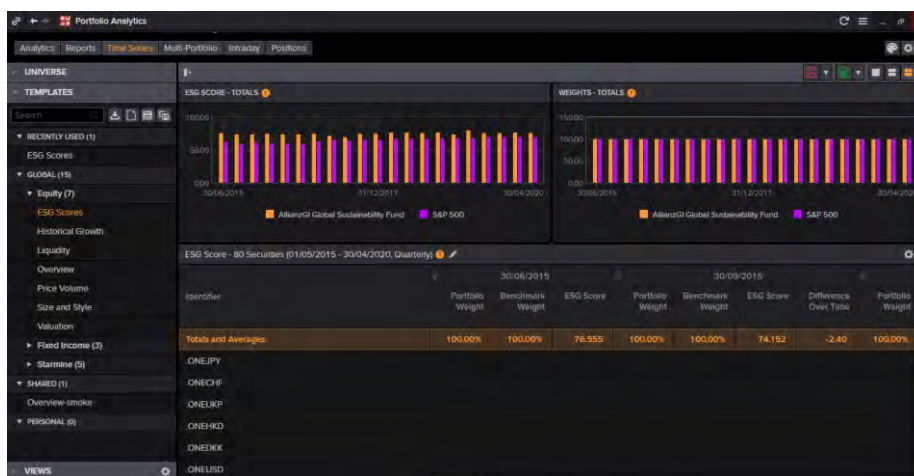
The Portfolio Details report will help you assess your ESG situation in terms of score and specific analytics

1. Click on the reports tab to access this specific report
2. Select in Templates, Data Specific section, Carbon Footprint
3. A chart of the Estimates CO2 per share owned is presented by sector
4. The report at the bottom is presenting the reported emission by each firm at the firm level and aggregated at the sector level
5. The report at the bottom is presenting the estimated emission by each firm at the firm level and aggregated at the sector level



If you want a historical view of the ESG evolution of your portfolio click on the **Times Series** tab.

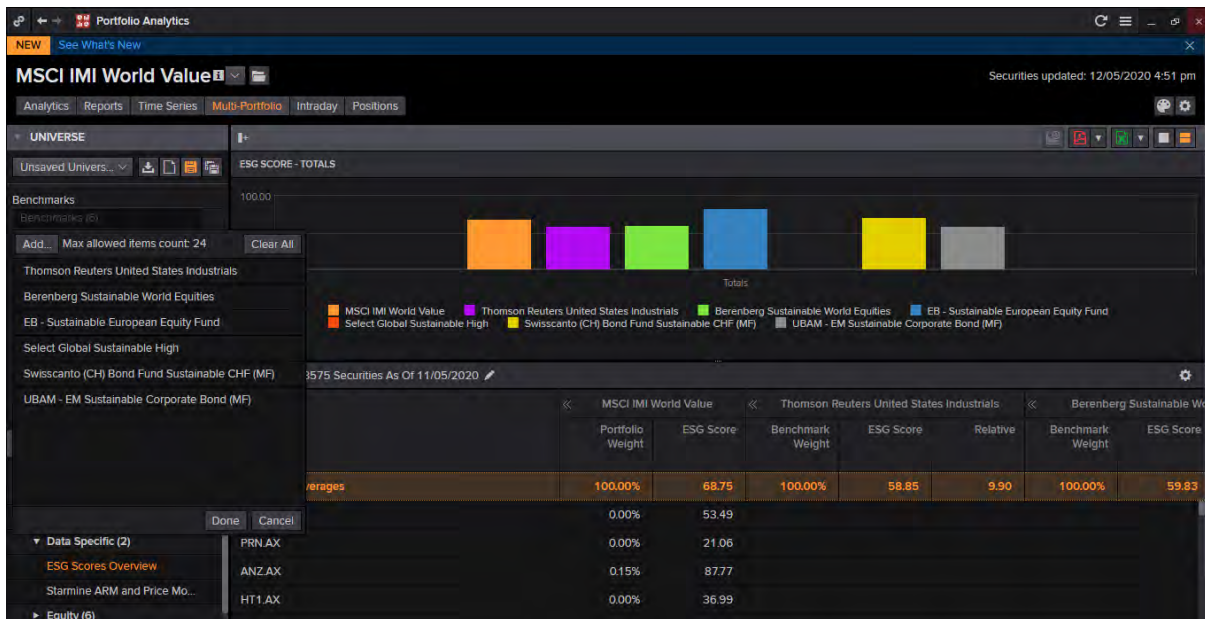
1. In the Templates section of the side menu, select the 'Global', 'Equity' section and then 'ESG Score'
2. You can adapt the analysis via the Views section clicking on the metrics you want to display
3. The top chart will display the historical evolution of the ESG rating of your fund against its benchmark
4. The report at the bottom is presenting the historical evolution of your portfolio ESG score (metric of your choice) against that of its benchmark



Use the **Multi-Portfolio** tab in PORT to simultaneously display the ESG Scores of up to 25 funds/portfolios:

1. In the left hand menu, select all funds/portfolios you want to display the ESG scores for

2. Select ESG Score Overview in the templates section
3. Chose the score you want to display in the Views section
4. The ESG Score of the funds, of the different sectors and firms composing it will be displayed



GREEN AND SUSTAINABLE BONDS

Find sustainable bonds via the Screener app, choose 'Deals' from the Universe drop down, change asset class to 'Bonds' and add the 'Transaction Type' as a new filter and search for the type of sustainable bond you are looking for:

- Green bonds
- Self-certified green bonds
- SDG-linked bonds
- Sustainability bonds
- Social bonds
- Water bonds
- Forest bonds

Package ID	Issue Date	Name/Borrower/Issue Full	Issue Type	Transaction Status	Issuer/Borrower/Holding	Current Plug Date	Offer Price	Price
	02/01/2021	KW Bankeng...	Agency, Supra...	Live	Germany	NA	NA	
	02/01/2021	Hyundai Capita...	Investment Gra...	Live	South Korea	NA	NA	
	01/29/2021	Humlegarden ...	Investment Gra...	Live	Sweden	NA	NA	
	01/29/2021	Abn-Am Finance...	Emerging Mark...	Live	Netherlands	NA	NA	
	01/28/2021	First Abu Dhabi...	Emerging Mark...	Live	United Arab E...	NA	NA	
	01/28/2021	Province of Ont...	Agency, Supra...	Live	Canada	NA	NA	
	01/28/2021	Jiangsu Export...	Investment Gra...	Live	China (Mainland)	NA	NA	
	01/27/2021	Austrasia & Ne...	Investment Gra...	Live	Australia	NA	NA	
	01/27/2021	Jawa Finance...	Agency, Supra...	Live	Japan	NA	NA	
	01/27/2021	LOTTE GLOBE...	Investment Gra...	Live	South Korea	NA	NA	
	01/27/2021	Athina Lyngor...	Investment Gra...	Live	Sweden	NA	NA	
	01/26/2021	Zhaomo Propert...	High Yield Cor...	Live	China (Mainland)	NA	NA	
	01/26/2021	Hong Kong Sp...	Agency, Supra...	Live	Hong Kong	NA	NA	
	01/26/2021	Hong Kong Sp...	Agency, Supra...	Live	Hong Kong	NA	NA	
	01/26/2021	Hong Kong Sp...	Agency, Supra...	Live	Hong Kong	NA	NA	
	01/26/2021	KW Bankeng...	Agency, Supra...	Live	Germany	NA	NA	
	01/26/2021	SIMMO AG	Investment Gra...	Live	Austria	NA	NA	

Green and ESG bonds are flagged in Eikon with a specific tag in the Bond Overview

1. A 'Yes'/'No' flag identified if a bond is a Green or ESG Bond
2. If the bond prospectus is available, you can check the type of project(s) the bond is aimed at financing

BOND INFORMATION		ISSUANCE DETAILS		ISSUER	
PRINCIPAL / COUPON INFORMATION		ISSUANCE DETAILS		ISSUER	
Maturity Date	06-Oct-2022 @ 100%	Issue Date / Price / Yield	06-Oct-2017 / -- / --	Name	QUANTUM SOLAR PARK (SEMENANJUNG) SDN BHD
Principal / Coupon Currency	MYR / MYR	Issue Spread	--	Domicile	Malaysia (MY)
Coupon Type	Fixed/Plain Vanilla Fixed Coupon	Announcement Date	04-Oct-2017	Country of Incorporation	Malaysia (MY)
Coupon Frequency	Semiannually	Country of Issue	Malaysia		
MTN	Yes				
Option	--				
Floating Rate Note	No				
Green Bond	Yes				
ESG Bond	Yes				
Use of Proceeds	--				
Offering Type	Private Placement				
Private Placement	Yes				
COVENANTS		REGULATIONS			
Prospectus Available	Yes (19-Oct-2017)	MIFID Identifier / MIFID Bond Ty...	Bond / Corporate bond		
Latest Prospectus	18-Oct-2017	MIFID Liquidity Indicator (LCPIA)	No		
REDEMPTION		MIFID Liquidity Indicator (ESMA)	No		
Payment in Kind (PIK)	No				
Extendible Maturity	No				
Worst	06-Oct-2022 MAT @ 100%				

QUANTUM SOLAR PARK (SOMERANJUNG) SON BHD/UM ISLAMIC MEDIUM TERM NOTES (ISSUANCE OF UP TO RM1.00 BILLION IN NOMINAL VALUE UNDER THE SHARIAH PRINCIPLE OF MURABAHAH (VA TAWAR)

2. Purchase and selling price/rental (where applicable)	The Commodity Purchase Price and the Deferred Sale Price shall be determined prior to the issuance of the Green SRI Sukuk. The Commodity Purchase Price of the Commodities shall be in line with the asset pricing requirement stipulated under the LOLA Guidelines.
3. Profit Rate	The profit rates, which shall be on a fixed rate basis, for each tranche of the Green SRI Sukuk will be determined and agreed between the issuer and the Joint Lead Managers prior to the issuance of the Green SRI Sukuk.
4. Profit Payment Frequency	The periodic profit payments, calculated at the profit rate(s) on the nominal value of the relevant tranche of Green SRI Sukuk ("Periodic Profit Payments") shall be payable semi-annually in arrears with the first Periodic Profit Payment to be made six (6) months from the issue date of the Green SRI Sukuk with the last Periodic Profit Payment for each tranche of the Green SRI Sukuk to be made on the maturity date of such tranche.
5. Profit Payment Basis	Actual/365 days.
6. Issue Price	The Green SRI Sukuk may be issued at par, premium or discount to its nominal value and the issue price shall be

To screen for Green/ESG bonds, use the **Government & Corporate Bonds - Advanced Search** app

1. Specify the screening universe (type of bonds to be included in your search)
2. Specific additional criteria (domicile of issuer, sector etc.)
3. Add filters –
 - a. Set the green bond criteria to yes – warning in the bond search, the ESG bond flag does not exist, you can only search by green bond and add all use of proceeds criteria (select them all)
 - b. Add the green bond flag and prospectus available to the template (to double-check the purpose of the emission)
4. Use the issuer filter to narrow down searches on a specific issuer / or the group feature to facilitate searches
5. If the use of proceed criteria was included, the table will indicate the type of project your green bond is due to finance

Advanced Search - Government and Corporate Bonds

RESULTS (1,782)

Green Bond	Prospectus Av.	Issuer	Ticker	Coupon	Maturity	Use of Proceeds	Issue Date	ISIN	Preferred RIC	Principal Currency	Country of Issuance
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CDN Wind Energy Ltd	SASAEZ	5.2500		Eligible Green Pr...	14/09/2017	CND100017C8B	CH131751602+	Chinese Yuan	China (Mainland)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Norbrook International BV	IBERD	1.8750		Energy Efficiency	22/11/2017	XS1721244371	ES172124437+	Euro	Eurobond M
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Engie SA	ENGE	1.3750		Energy Efficiency	16/01/2018	FR0013310505	FR001331050+	Euro	France
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bank of Baroda Ltd	BOB	8.5000		General Purpose	02/12/2016	INE028A60803	IND028A6080+	Indian Rupee	India
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Norbrook International BV	IBERD	2.6250		Energy Efficiency	26/03/2018	XS1797138560	ES179713856+	Euro	Eurobond M
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Yiwu State owned Capital Operation Co Ltd	YIWJGO	6.2700		Clean Transport	10/04/2018	CND100016359	CH131800000+	Chinese Yuan	China (Mainland)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CDN Wind Energy Ltd	SASAEZ	5.4700		Alternative Energy	04/06/2018	CND100017C06	CH131800012+	Chinese Yuan	China (Mainland)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CDN Wind Energy Ltd	SASAEZ	4.3100		Electric & Public P...	07/01/2019	CND10001W291	CH131800001+	Chinese Yuan	China (Mainland)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Norbrook International BV	IBERD	3.2500		Energy Efficiency	22/02/2019	XS1890845875	ES189084587+	Euro	Eurobond M
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Meichang Bai Rasat Group Ltd Corp	MECORT	5.0000		Other Transportat...	22/02/2019	CND10002W033	CH131800004+	Chinese Yuan	China (Mainland)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Ningbo City Rail Transportation Group Co Ltd	NBMNRT	3.5000		Eligible Green Pr...	10/03/2020	CND100025988	CH132000000+	Chinese Yuan	China (Mainland)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Beijing Jingdong Clean Energy Co Ltd	BEJLJN	3.4400		Eligible Green Pr...	15/05/2020	CND100037987	CH132000019+	Chinese Yuan	China (Mainland)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Ningbo City Rail Transportation Group Co Ltd	NBMNRT	3.8800		Eligible Green Pr...	16/06/2020	CND10003C049	CH132000022+	Chinese Yuan	China (Mainland)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dulung Hama Power Generation Co Ltd	SASADY	4.3300		Eligible Green Pr...	30/07/2020	CND10003J223	CH132000029+	Chinese Yuan	China (Mainland)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CDN Wind Energy Ltd	SASAEZ	4.3700		Eligible Green Pr...	23/10/2020	CND10003M449	CH132000038+	Chinese Yuan	China (Mainland)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Shanghai Goodstart Science & Technology Co Ltd	XINCO	5.0000		Energy Efficiency	24/05/2016	CND10000C3M3	CH131255001+	Chinese Yuan	China (Mainland)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Shanghai Dingsheng Water Group China Investme...	DSWESC	3.7000		Sustainable Water	31/10/2016	CND100017C77	CH131800101+	Chinese Yuan	China (Mainland)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Renfert Holding BV	RENH	2.9950		Alternative Energy	12/04/2017	XS1591694481	NL159169448+	Euro	Eurobond M
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	KfW	KFW	1.6950	11/03/2021	General Purpose	11/02/2020	XS2115141678	XS211514167+	Hong Kong Dollar	Eurobond M
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Tajiri Insoot Bank of Korea	KEXM	2.1250	11/03/2021	Eligible Green Pr...	11/02/2016	US3021548210	302154821+	US Dollar	United States
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Nea Development Bank	NEANV	0.3800	23/03/2021	Clean Transport	23/03/2018	SE0011062298	SE001106229+	Swedish Krona	Sweden
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Asian Development Bank	ASDB	0.0000	24/02/2021	Energy Efficiency	24/05/2017	XS1618178527	XS161817852+	Indian Rupee	Eurobond M
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CAGRAB Corporate and Investment Bank	CAGRAB	5.2500	26/02/2021	Energy Efficiency	27/02/2018	XS1334475123	XS133447512+	Indian Rupee	Eurobond M
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Franklin Green Assets SMI Ltd	FASLKA	5.5000	26/02/2021	Refinance/Financ...	28/02/2019	MVBV1900466	MVBV1900466+	Malaysian Ringgit	Malaysia
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CAGRAB Corporate and Investment Bank	CAGRAB	11.4300	01/03/2021	Clean Transport	27/02/2018	XS1334474829	XS133447482+	Turkish Lira	Eurobond M
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CAGRAB Corporate and Investment Bank	CAGRAB	11.6000	01/03/2021	Clean Transport	28/02/2018	XS1334464891	XS133446489+	Turkish Lira	Eurobond M
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Swesbank AB	SVSKG	1.0950	01/03/2021	Land Preservation	01/03/2016	SE0008092787	SE000809278+	Swedish Krona	Sweden
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Swesbank AB	SVSKG	1.4900	01/03/2021	Eligible Green Pr...	01/03/2016	SE0008092795	SE000809279+	Swedish Krona	Sweden

The **Green Bond Guide** provides a top down view of the trading markets for green bonds and loans and highlights the focus of green investors and companies when they are trying to be green.

Within the app you have the ability to:

- Screen for green bonds
- Filter green bonds and loans (in the left hand menu) by issuer type, specific companies, currency, maturity, use of proceeds etc.
- You can drill down to instrument-level details and target communities to find trading characteristics
- Define the axis at the top of the page
- See the link between bonds and issuers



CARBON

Carbon model

Responding to the void between the need for carbon data and the data that is reported and available, we have developed sophisticated Carbon Data & Estimate models.

Our patented models are fully transparent providing you with an estimated value when a reported value is not available.

The carbon Data & Estimates model is structured around four steps. Each model returns one value (reported or estimated). In the listing that follows, we use one of the following four numbers:

1. Reported: if available, we provide the reported CO2 Emissions data from the company. If there is available carbon emission data reported by the company, then the model stops there.
2. CO2 Model: if a company has not yet reported its total CO2 Emissions for the current year, then the CO2 Model is used
3. Energy Model: if the CO2 model is unable to return a figure, then the Energy Model comes into play
4. Median Model: if the Energy model does not return a number then the Median Model is triggered

You can find the methodology and data points used for each of those models in the ESG Carbon Data and Estimate Document - https://www.refinitiv.com/content/dam/marketing/en_us/documents/fact-sheets/esg-carbon-data-estimate-models-fact-sheet.pdf.

Those models are translated into several climate related data-points and in particular:

In this example for Ford, the information has been taken from company reported data

Total CO2 Emissions / Million in Revenue \$	🏆	29.89
CO2 Equivalent Emissions Total		4,792,771
CO2 Equivalent Emissions Direct, Scope 1		1,442,963
CO2 Equivalent Emissions Indirect, Scope 2		3,349,808
CO2 Equivalent Emissions Indirect, Scope 3	🏆	172,505,668
Carbon Offsets/Credits		—
Estimated CO2 Equivalent Emission Total		4,792,771
CO2 estimation method		Reported

In the example for Senex Energy, you will see that the firm is not reporting on CO2 and that the CO2 Equivalent Emission total has been estimated according to the CO2 Model

Total CO2 Emissions / Million in Revenue \$	33310
CO2 Equivalent Emissions Total	22,513
CO2 Equivalent Emissions Direct, Scope 1	—
CO2 Equivalent Emissions Indirect, Scope 2	—
CO2 Equivalent Emissions Indirect, Scope 3	—
Carbon Offsets/Credits	—
Estimated CO2 Equivalent Emission Total	22,513
CO2 estimation method	Reported

You will be able to find those data-points in the different ESG views, apps (monitor, screener, watchlist pulse, industry etc..) and portfolio analysis.

On climate issues, for users on Eikon full offering only, Refinitiv also proposes Market Intelligence from one of the Leading Thought Leader on the power, gas and carbon markets via Point Carbon.

To access those analysis, type CARBON in the Eikon Toolbar

The screenshot displays the Eikon Carbon Energy dashboard. The top navigation bar includes 'ENERGY', 'CARBON', and 'EUROPE'. Below this, there are tabs for 'Overview', 'News', 'Prices', 'Analysis', 'Supply', 'Demand', 'Installations database', 'Tools', and 'Meet the Team'. The main content area is divided into several sections:

- LATEST CARBON NEWS:** Includes articles like 'Major insurers increase cover for Trans Mountain oil pipeline - filings' and 'Europe weather: Departure from normal temperatures'.
- MORNING AND WEEKLY REPORT:** Features 'TODAY'S OUTLOOK: BEARISH' and 'THIS WEEK'S OUTLOOK: NEUTRAL'.
- DEC FUTURES:** A table showing futures prices for ECX and EEX contracts.
- SPOT PRICES:** A table showing spot prices for ECX and EEX contracts.
- LATEST EUA AUCTION RESULTS:** A table showing auction results for ECX and EEX contracts.
- VERIFIED EMISSIONS:** Information about 2019 verified emissions.
- CARBON OPTIONS:** Information about carbon options traded on ICE.
- FUEL SWITCHING:** Information about fuel switching.

Emissions and Clean Energy

The Emissions and Clean Energy app provides a commodity focus on sustainability.


The app showcases emissions news, carbon emissions data at a country and trading systems level and markets insight including Guaranties of origin.

You can also gain analysis and insight from Refinitiv, IFR and Greenfact.

EMISSIONS & CLEAN ENERGY MARKETS

Recent News | Emissions | Markets | Analysis & Reports | Tools

EMISSIONS & CLEAN ENERGY MARKETS IN NEWS



POLLS ON EMISSIONS MARKETS

Analysts raise EU carbon price forecasts after bull run
18-Jan-2021 11:08:43 ET/ET

Analysts sharply raise EU carbon price forecasts on tougher climate goals
14-Oct-2020 11:38:03 ET/ET

POLICY EVENTS

UPCOMING POLICY EVENTS

Next February for 2021, 7:00:00 AM (GMT+01:00)

Date	Event	Comments and links
13 November 2020-5 February 2021	Public consultation on 'Climate Change - Updating the EU emissions trading system (ETS)'	The EU Commission has launched a public consultation on revision of the EU ETS in light of the proposed 2030 emission reduction target of "at least 55 percent". The Commission looks for inputs on, among others, addressing the risk of carbon leakage, the possible extension of the EU ETS, the Market Stability Reserve, the use of revenues, and low-carbon support mechanisms. Deadline for the consultation is 5 February 2021.

For policy events further out in time, see the policy calendar in the weekly report.

MOST READ EMISSIONS NEWS

- 1 **EXCLUSIVE-Amazon orders hundreds of trucks that run on natural gas** AMZN.O, CMI.N
ET/ET 1 day ago
- 2 **UPDATE 1-German SPD targets climate-neutral economy in election campaign**
ET/ET about 6 hours ago
- 3 **China aluminum sector must shut inefficient coal power to meet climate goals: report**
ET/ET about 7 hours ago
- 4 **UPDATE 1-Ford says U.S. Justice Dept., California end probe into emissions issue** F.N
ET/ET 08-Feb-2021 02:11:29 PM
- 5 **UPDATE 1-France's Total extends U.S. solar portfolio in renewables rush** TOT.F, PK, USFL
ET/ET 08-Feb-2021 11:24:12 AM
- 6 **EUROPE POWER-Weather, strike prospects boost week-ahead, curve rallies** CPZ2C1, EDF.PA
ET/ET 06-Feb-2021 13:26:43 AM
- 7 **UN chief names Michael Bloomberg climate envoy to rally action**
ET/ET 06-Feb-2021 11:40:26 AM
- 8 **S.Korea unveils \$43 bn plan for world's largest offshore wind farm** 034020KS, 1000390.KD
ET/ET 06-Feb-2021 13:14:11 AM
- 9 **UPDATE 5-Pandemic craves oil major BP to first loss in a decade** BP.L, XOM.N
ET/ET 02-Feb-2021 13:22:10 AM
- 10 **MEDIA-Japan says nuclear power crucial to hitting net zero goal by 2050** JT
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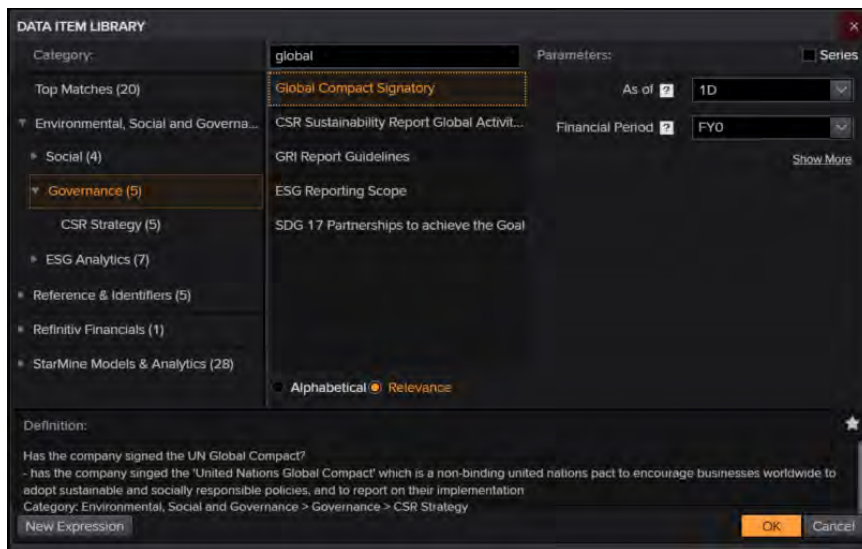
UN PRINCIPLES

By incorporating the Ten Principles of the UN Global Compact into strategies, policies and procedures, and establishing a culture of integrity, companies are not only upholding their basic responsibilities to people and planet, but also setting the stage for long term success.

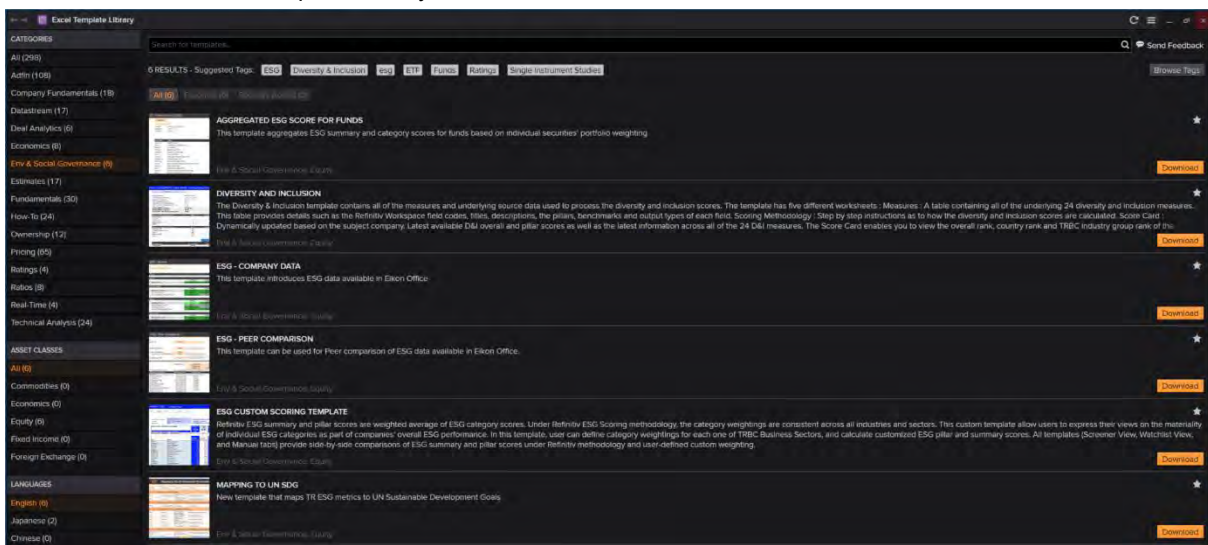
The Ten principles of the United Nations Global Compact are derived from:

- The universal declaration of human rights
- The international labor organization’s declaration on fundament a principles and rights at work
- The Rio declaration on environmental and development
- The united nations convention against corruption

Companies who signed the Global Compact can be seen with the following field in Eikon:



And you will be able to track the UN Sustainable Development Goals in the Mapping to UN SDG Excel template available in the Excel Template Library:



Mapping to the UN Sustainable Development Goals						** Enter company identifiers in green				
ESG Pillar	ESG Category	Field Name	TR Formula	Field Description	JNJ.N	NESL.S	PFE.N	MRK.N	PGI	
UN SDG No. 1. End poverty in all its forms everywhere										
Social	Product Responsibility	Product Access Low Price	TR.ProductAccessLowPrice	Does the company distribute any low-priced products or services specifically designed for lower income categories (e.g., bridging the digital divide, telecommunications, low cost cars and micro-financing)	#NAME?	#NAME?	#NAME?	#NAME?	#NAV	
Social	Community	Community Lending and Investments	TR.MicrofinanceImpactInvestment	Total community lending, financing and investments which are not considered donations.	#NAME?	#NAME?	#NAME?	#NAME?	#NAV	
UN SDG No. 2. End hunger, achieve food security and improved nutrition and promote sustainable agriculture										
Social	Product Responsibility	Obesity Risk	TR.ObesityRisk	Does the company claim to fight against obesity risk?	#NAME?	#NAME?	#NAME?	#NAME?	#NAV	
UN SDG No. 3. Ensure healthy lives and promote well-being for all at all ages										
Social	Workforce	Policy Employee Health & Safety	TR.EmployeeHealthSafetyPolicy	Does the company have a policy to improve employee health & safety?	#NAME?	#NAME?	#NAME?	#NAME?	#NAV	
Social	Workforce	Policy Supply Chain Health & Safety	TR.SupplyChainHSPolicy	Does the company have a policy to improve employee health & safety in its supply chain?	#NAME?	#NAME?	#NAME?	#NAME?	#NAV	
Social	Workforce	Health & Safety Training	TR.HealthSafetyTraining	Does the company train its executives or key employees on health & safety?	#NAME?	#NAME?	#NAME?	#NAME?	#NAV	
Social	Workforce	Supply Chain Health & Safety Training	TR.SupplyChainHSTraining	Does the company train its executives or key employees on employee health & safety in the supply chain?	#NAME?	#NAME?	#NAME?	#NAME?	#NAV	
Social	Workforce	HIV/AIDS Program	TR.HIVAIDSProgram	Does the company report on policies or programs on HIV/AIDS for the workplace or beyond?	#NAME?	#NAME?	#NAME?	#NAME?	#NAV	

COUNTRY ESG RANKING BASED ON UN SDGS

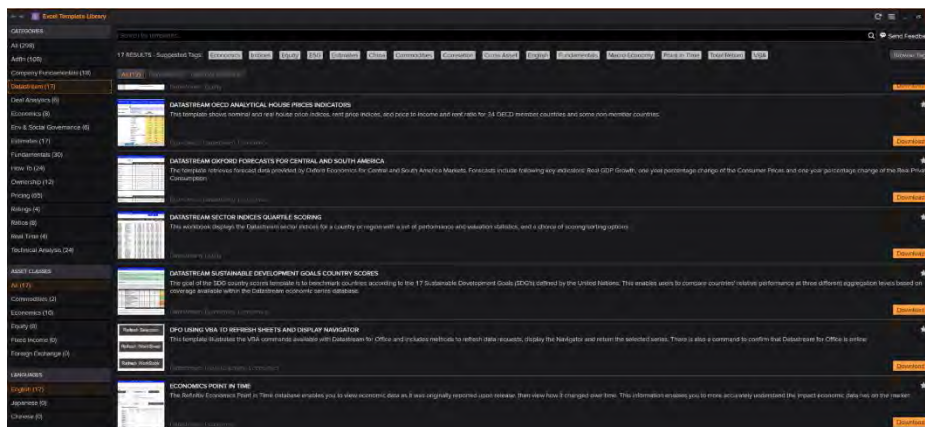
The ESG Country Ranking excel template will help you measure a country's relative performance across each of the UN Sustainable Development Goals and sub-metrics.

Results are presented in the Country Points table tab, they are split among the following categories:

1. Demography
2. Education
3. Energy
4. Environment
5. Health
6. Human rights
7. Institutional strength
8. Political rights

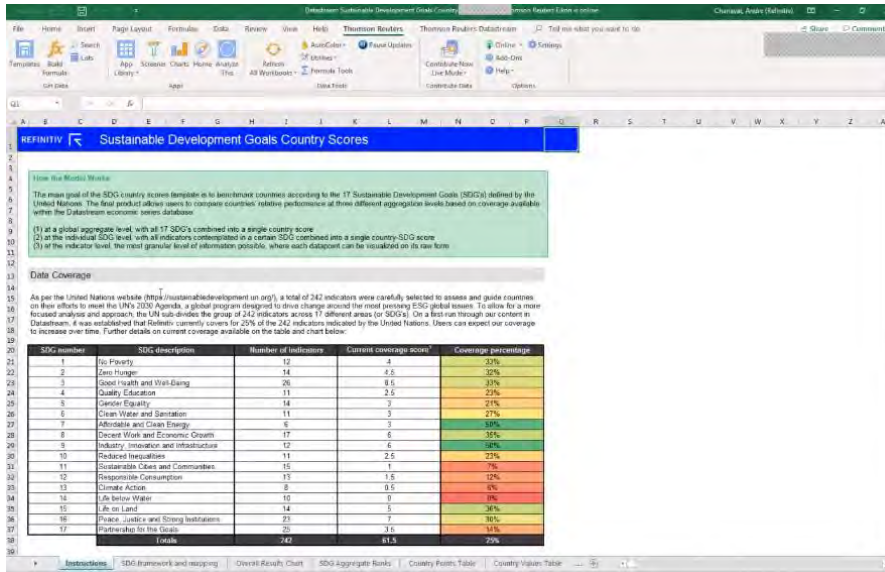
Resulting in a score and a ranking to identify countries from Best Performer to Worst Performer.

Within the template library, from the Datastream list open the Datastream Sustainable Development Goals Country Score template.

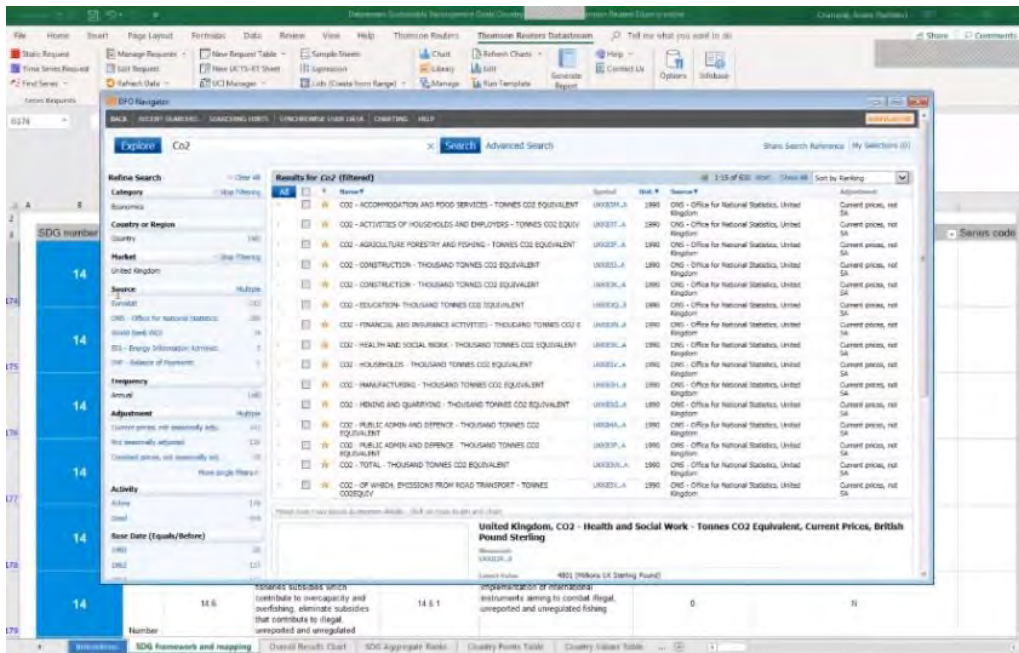


Data from the Refinitiv Datastream database have been audited and mapped to the 148 metrics which align to the 17 SDGs.

The Tabs within the excel template give details on the mapping which is followed within the country score methodology.



Use the DFO Navigator to filter by source and data points you want to see in more granular detail.



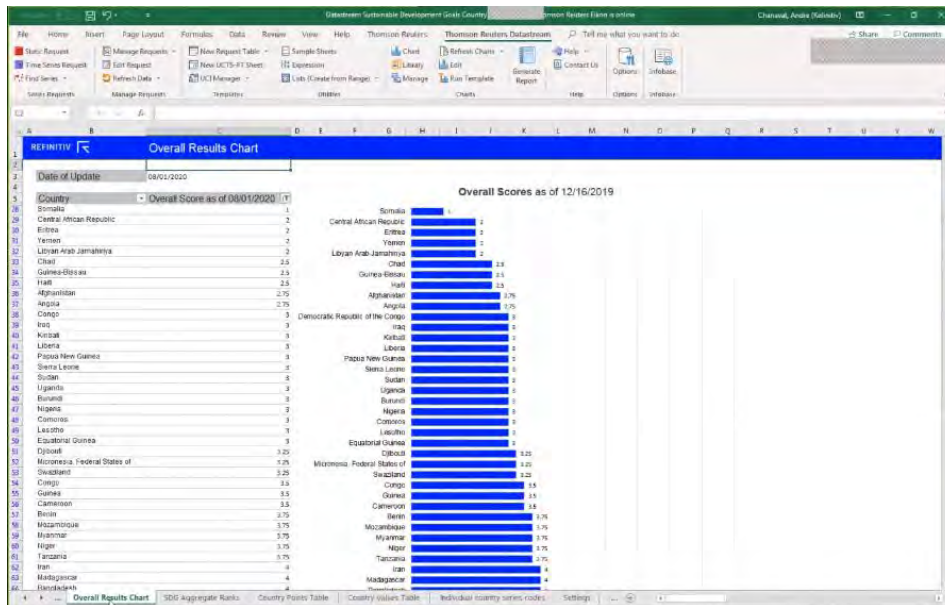
The 'Country Points Table' tab shows the score for each country where data is available at indicator level.

SDG Indicator Number	7.1.1	10.2.1	10.2.2	10.2.3	10.2.4	10.2.5	10.2.6	10.2.7	10.2.8	10.2.9	10.2.10	10.2.11	10.2.12	10.2.13	10.2.14	10.2.15	10.2.16	10.2.17
Country																		
1 Afghanistan																		
2 Albania																		
3 Algeria																		
4 American Samoa																		
5 Andorra																		
6 Angola																		
7 Antigua and Barbuda																		
8 Argentina																		
9 Aruba																		
10 Australia																		
11 Austria																		
12 Azerbaijan																		
13 Bahamas																		
14 Bahrain																		
15 Bangladesh																		
16 Barbados																		
17 Belgium																		
18 Belize																		
19 Benin																		
20 Bermuda																		
21 Bhutan																		
22 Bolivia																		
23 Bosnia and Herzegovina																		
24 Botswana																		

The SDG Aggregate Ranks tab shows the score for each country based on the 17 SDGs. The sheet shows the availability of data points and the median points for each country.

Country	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1 Afghanistan	5/10	4	7/7	4	14/14	3/6	14/15	1/5	5/5	2/5	3/3						
2 Albania	9/10	8	7/7	6	14/14	8/8	15/15	7/8	5/5	7/8	3/3						
3 Algeria	7/10	8	5/7	8	14/14	5/5	14/15	5/5	4/5	7/8	3/3						
4 American Samoa	1/5		2/7		3/14		12/15	7/8	2/5		2/3						
5 Andorra	3/10		2/7		6/14	8/8	7/15	10/10	2/5		2/3						
6 Angola	9/10	2	5/7	4	12/14	2/5	15/15	2/5	5/5	2/5	3/3						
7 Antigua and Barbuda	4/10	4/5	5/7	4	12/14	7/5	13/15	10/10	2/5		2/3						
8 Argentina	5/10	5/5	5/7	10/10	14/14	7/8	14/15	6/8	3/5	9/10	3/3						
9 Aruba	10/10	7/8	7/7	7/8	14/14	8/8	15/15	6/8	5/5	7/8	3/3						
10 Australia	4/10	8/5	7/7	10/10	14/14	10/10	8/15	10/10	3/5	8/10	3/3						
11 Austria	3/10		6/7	10/10	14/14	3/5	9/15	10/10	3/5	8/10	3/3						
12 Azerbaijan	9/10	8/8	7/7	9/10	14/14	7/8	15/15	9/10	5/5	6/10	3/3						
13 Bahamas	11/15	9/5	4/7	8/8	14/14	7/8	13/15	4/10	3/5	4/10	2/3						
14 Bahrain	3/10		3/7		14/14	9/10	13/15	5/10	3/5	7/10	3/3						
15 Bangladesh	10/10	6/10	5/7	4/10	14/14	4/10	15/15	4/10	5/5	6/10	3/3						
16 Barbados	4/10	7/5	5/7	10/10	14/14	7/5	13/15	8/10	4/5	6/10	3/3						
17 Belgium	8/10	10/10	7/7	10/10	14/14	5/5	13/15	9/10	4/5	8/10	3/3						
18 Belize	3/10		6/7	10/10	14/14	8/8	8/15	10/10	4/5	6/10	3/3						
19 Benin	5/10	6/10	5/7	7/10	14/14	7/8	13/15	4/10	4/5	3/10	3/3						
20 Bermuda	3/10		6/10	5/7	6/10	14/14	3/5	15/15	2/5	2/10	3/3						
21 Bhutan	2/10		4/7	8/10	1/14		7/15	5/10	2/5	6/10	3/3						
22 Bolivia	9/10	10/10	5/7	6/10	14/14	8/10	14/15	3/10	5/5	7/10	3/3						
23 Bosnia and Herzegovina	9/10	10/10	7/7	4/10	14/14	5/10	15/15	6/10	5/5	7/10	3/3						
24 Botswana	7/10	9/10	5/7	3/10	14/14	5/5	14/15	3/10	4/5	7/10	3/3						
25 Brazil	7/10	7/10	5/7	10/10	14/14	8/10	14/15	7/10	4/5	7/10	3/3						
26 Brunei	4/10	3/10	5/7	8/10	11/14	8/8	14/15	6/10	2/5	3/10	3/3						

Discover the country scores in 'Overall Results Chart' to see the overall score of countries across all SDGs



MONITOR SUSTAINABLE LEADERSHIP

The sustainable Leadership Monitor allows you to access a company's ESG position compared to industry peers.

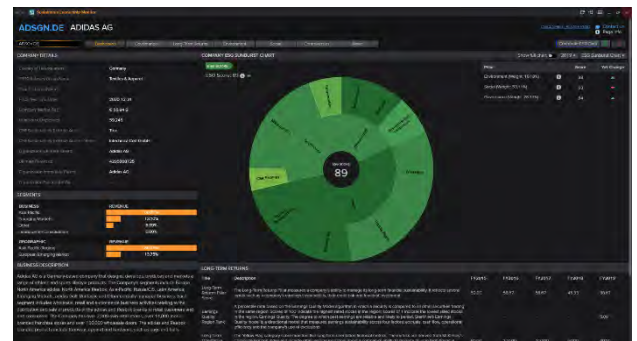
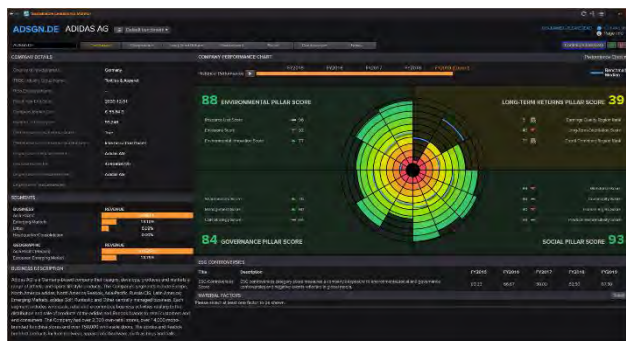
The sustainable leadership monitor provides practical benchmarking capabilities powered by ESG and financial data, allowing you to inform your long-term company goals.

Within the app, use the dashboard tab to:

- Get an overview of the sustainable leadership of a company across a deep range of financial, environmental, social and governance criteria.
- Monitor the performance of competitors
- Assess the financial and sustainable performance of suppliers

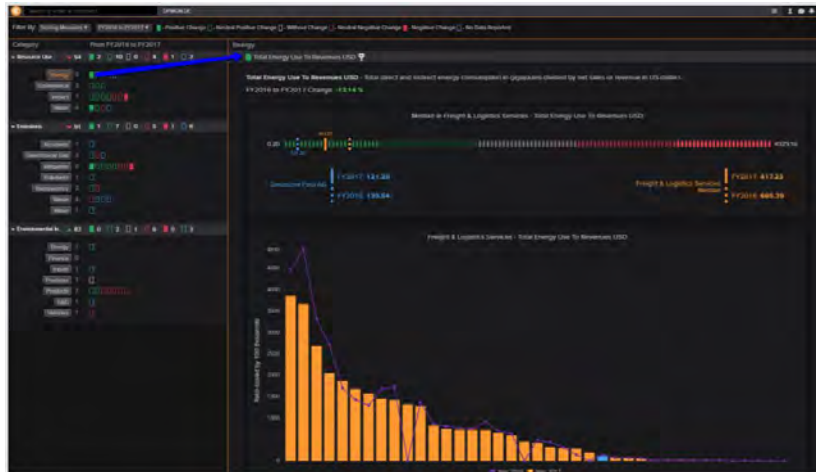
The dashboard allows you to view a summary of the performance of a company across environment, social, governance and long-term returns.

1. Search for a company within the dashboard
2. View sustainability across a number of views
 - a. Performance Chart
 - i. View the summary visual for relative performance against industry or country peers
 - b. ESG Sunburst Chart
 - i. View ESG data visually for a specific company
 - ii. Get insight into long-term returns
3. Assess and set actions based on company scoring



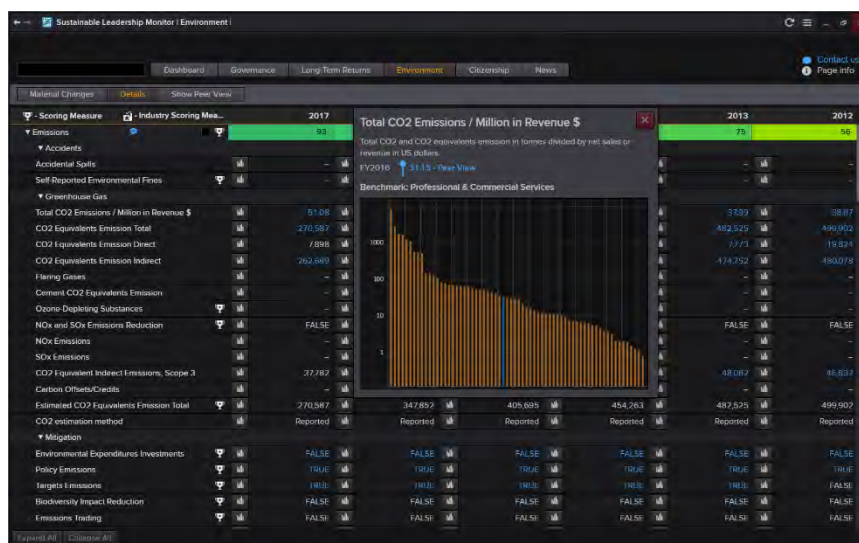
Within a pillar tab (Governance, Environment, Social), in the Material changes tab you can:

1. Get a quick snapshot of year on year direction of change
2. See relative peer performance with current vs. previous year
3. Identify scoring measure where there's no reported data
4. Identify measures for improvement



In the 'details' tab:

1. Click through to the original source as reported
2. View a quick snapshot of peer comparison



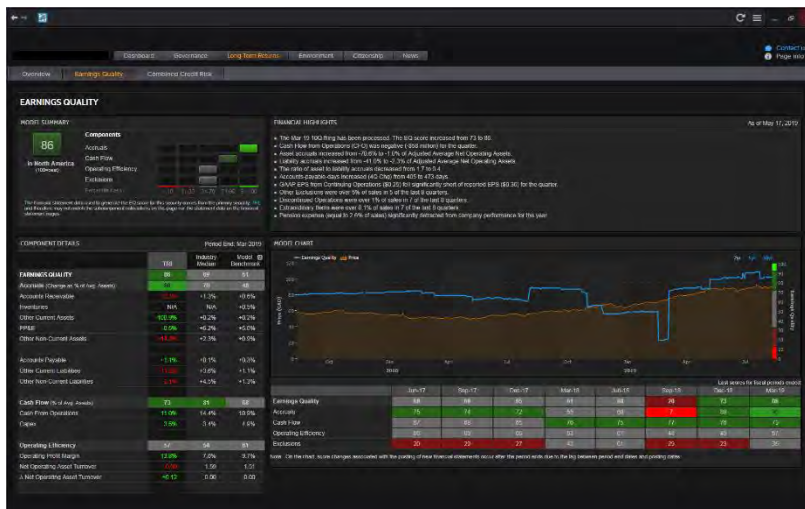
The Long-term returns app provides an overview

- Monitor performance across a range of long-term orientation metrics guided by mckinsey's Corporate Horizon Index
- View analytics that inform on a strengths and weaknesses across five key performance metrics



The earnings quality tab allows you to

- Access a measure of the degree to which past earnings are reliable and are likely to persist



The Combined Credit Risk Model app helps you:

- Detect levels of risk through an assessment of sustainability
- Access the peer comparison view for insight into the breakdown of results across each component, allowing for detailed industry benchmarking

