

Environmental & Social Scores

Assess sustainability performance with transparent, data-driven scores.

Environmental and social data can provide meaningful detail and key performance indicators to describe company sustainability performance. However, it can be difficult to distill the hundreds of sustainability metrics that companies disclose into actionable insights. It is also challenging to compare companies using single data points since environmental and social disclosures are not standardized and vary widely.

Bloomberg's Environmental and Social (ES) Scores provide a data-driven measure of corporate environmental and social performance that investors can use to quickly evaluate performance across a range of key issues, such as climate change, and health and safety. ES Scores can also be used to compare company sustainability performance within their BICS peer industry.

Currently, ES Scores are available for the Oil & Gas, Chemicals, Metals & Mining, Steel, Construction Materials and Coal industries. Bloomberg ES Scores for additional industries will be released sequentially according to Bloomberg Industry Classification Standard (BICS) industry groups. Visit [BESG <GO>](#) for regular updates and more detail on the scored companies of each industry.

Transparent and comparable

Bloomberg's ES Scores are fully transparent, showing the connection between each score and the company-reported data driving it. The ES Scores methodology, available on [BESG <GO>](#), provides details on overall approach, industry-specific drivers, quantitative methods and all model inputs.

Bloomberg's proprietary quant model is informed by frameworks, research and analysis to reduce noise, normalize data, address size bias, identify peer groups and aggregate from fields to top level scores. The quantitative analysis also distinguishes between sustainability performance and disclosure performance to penalize gaps and incentivize transparent disclosure.

Key features

- **Transparent scoring** – Investors can view and analyze all the data driving each ES Score, making the scores useful for a wide range of analyses and reporting.
- **Industry-specific context** – Industry analysts from Bloomberg's research organizations participate in industry scoring and validation to incorporate practical, industry-specific context into ES Scores. The BICS provides clarity and consistency to the scores' peer groups and guides selection of material data fields.
- **Decision-useful** – Each ES Score is driven by financially material and business-relevant issues. Priority issues are labeled to illustrate which topics are most and least relevant to assessing sustainability performance.
- **Scoring taxonomy** – For each score, data fields are organized into a clear hierarchy of issues and sub-issues so that users know which ES data fields best describe which risks and opportunities.

Coming soon

In early 2021, we will be integrating new Bloomberg ES Scores fields across a wide range of Bloomberg Terminal® functions, including our equity screening tools, research management and portfolio solutions. In addition to availability in API, we also plan to offer ES Scores data for enterprise use via Bloomberg Data License.

Identify best and worst performers

Rank companies by Environmental & Social Scores and issue scores on the Bloomberg Intelligence ESG Dashboard (BI ESG <GO>).

Security Name	Pillar	Value Type	2019	2018	2017	2016	2015
Orbia Advance Corp SAB de CV	Environmental	Pillar Score	7.27	6.73	6.73	5.94	5.88
BASF SE	Environmental	Pillar Score	6.82	6.95	6.92	6.63	6.73
DuPont de Nemours Inc	Environmental	Pillar Score	6.41	1.42	4.12	0.00	0.00
PTT Global Chemical PCL	Environmental	Pillar Score	6.37	6.18	5.94	5.50	6.50
Huntsman Corp	Environmental	Pillar Score	6.23	4.93	5.25	3.65	4.51
KCC Corp	Environmental	Pillar Score	6.21	5.60	5.60	5.39	5.62
Evonik Industries AG	Environmental	Pillar Score	6.14	6.03	6.02	5.24	5.13
Indorama Ventures PCL	Environmental	Pillar Score	6.07	6.26	5.94	5.61	6.18
LG Chem Ltd	Environmental	Pillar Score	5.97	5.10	5.76	5.22	5.50
LANXESS AG	Environmental	Pillar Score	5.89	4.69	4.55	4.57	4.63
Mitsui Chemicals Inc	Environmental	Pillar Score	5.79	4.21	3.66	3.17	3.24
Covestro AG	Environmental	Pillar Score	5.67	5.78	5.62	5.41	5.17
Arkema SA	Environmental	Pillar Score	5.61	5.69	5.42	4.99	4.92
Kraton Corp	Environmental	Pillar Score	5.43	5.83	5.68	5.31	2.73
Celanese Corp	Environmental	Pillar Score	5.38	5.79	5.26	4.02	0.73
Solvay SA	Environmental	Pillar Score	5.01	5.15	4.98	4.78	4.33
Methanex Corp	Environmental	Pillar Score	4.88	5.10	4.77	4.41	4.50
Alpek SAB de CV	Environmental	Pillar Score	4.62	5.03	4.59	3.84	4.21
Sinopec Shanghai Petrochemical	Environmental	Pillar Score	4.44	4.58	4.16	3.87	3.81
Linde PLC	Environmental	Pillar Score	4.38	6.42			

Note
Data for a given year represents what appears in company disclosures as linked to a given year's activities, i.e. 2019 ES Scores use company-reported data for 2019 operations. The lag in data relative to the current year reflects the lagged calendar for corporate sustainability reporting.

BI ESG <GO> – To view ES scores, open the BI ESG Dashboard and select BBG Scores from the Data Library.

Keep track of material sustainability disclosures

Access and analyze the Pillars, Issues, Sub-issues and Data Fields that contribute to each ES Score using the ESG Materiality Framework tool at BESG <GO>, under ESG Data.

Materiality-driven Disclosure Score (0-100%)	2015	2016	2017	2018	2019
Environment	25%	22%	22%	22%	0%
Social	0%	0%	0%	0%	0%
Governance - Board Composition	82%	82%	82%	82%	82%

Pillar	BI Issue	ESG Issue	Sub-Issue	Field	Field Name	Unit	2015	2016	2017	2018	2019			
Environment	1	Climate Exposure	Transition Risk	SA079	Investment in Sustainable Products	Y	A	Million Reporting C	FYE	#N/A	#N/A	#N/A		
				ES105	Climate Change Opportunities Discussed	Y	P	Y/N	FYE	N	N	N	N	
				ES106	Risks of Climate Change Discussed	Y	P	Y/N	FYE	Y	Y	Y	Y	
				SA083	Climate Scenario Analysis	Y	P	Y/N	FYE	N	N	N	N	
				SA084	Carbon Pricing	Y	P	Y/N	FYE	Y	Y	Y	Y	
				F0947	Scope 1 GHG CO2 Emissions*	Y	A	Million Metric Tons	FYE	8.59	8.86	8.15	3.41	#N/A
				ES027	Gas Flaring (Th Tonnes)	Y	A	Thousand Metric T	FYE	503.24	598.69	626.18	800.00	#N/A
				SA055	Percent Methane of Scope 1 Emissions*	Y	A	%	FYE	33.58	33.52	27.64	15.54	#N/A
				SA058	Process Emissions	Y	A	Thousand Metric T	FYE	460.00	#N/A	#N/A	#N/A	#N/A
				SA059	Emissions from Other Combustion	Y	A	Thousand Metric T	FYE	3120.00	3430.00	2890.50	2050.00	#N/A
				SA080	Vented Emissions	Y	A	Thousand Metric T	FYE	410.00	343.00	307.50	460.00	#N/A
				SA081	Fugitive Emissions	Y	A	Thousand Metric T	FYE	1040.00	1097.50	922.50	100.00	#N/A
				SA161	GHG Emissions Reduction Policy	Y	P	Y/N	FYE	Y	Y	Y	Y	Y
				ES036	Emissions Reduction Initiatives	WATCH	P	Y/N	FYE	Y	Y	Y	Y	Y
				ES222	Carbon Dioxide Allowances Million MT Under EU ETS	WATCH	W	Million Metric Tons	FYE	0.55	#N/A	#N/A	#N/A	#N/A
				ES221	CO2 Emissions Less Allowances Mill MT Under EU ETS	WATCH	W	Million Metric Tons	FYE	#N/A	#N/A	#N/A	#N/A	#N/A
				ES228	Carbon Dioxide Emissions Million MT under EU ETS	WATCH	W	Million Metric Tons	FYE	#N/A	#N/A	#N/A	#N/A	#N/A
				SA001	GHG Covered Reg Other EU ETS	WATCH	W	Thousand Metric T	FYE	#N/A	#N/A	#N/A	#N/A	#N/A
				SA002	Total GHG Emissions Covered under Regulatory Prog	WATCH	W	Thousand Metric T	FYE	#N/A	#N/A	#N/A	#N/A	#N/A
				SA003	Pct GHG Emissions Covered under Regulatory Prog*	WATCH	W	%	FYE	#N/A	#N/A	#N/A	#N/A	#N/A
				SA004	Baseline Year for GHG Emissions Target	WATCH	W	Year	FYE	#N/A	#N/A	#N/A	#N/A	#N/A
				SA005	Target Year for GHG Emissions Target	WATCH	W	Year	FYE	#N/A	#N/A	#N/A	#N/A	#N/A
				SA006	GHG Emissions Intensity Reduction Target	WATCH	W	%	FYE	#N/A	#N/A	#N/A	#N/A	#N/A
				SA129	GHG Emissions Reduction Target - Absolute	WATCH	W	%	FYE	#N/A	#N/A	#N/A	#N/A	#N/A
				SA130	GHG Emissions Absolute Reduction Target	WATCH	W	Thousand Metric T	FYE	#N/A	#N/A	#N/A	#N/A	#N/A
				SA189	Percent GHG Emissions Reduct Achieved Aga Targe	WATCH	W	%	FYE	#N/A	#N/A	#N/A	#N/A	#N/A
				SA232	Scope 1 GHG Target - Baseline Year	WATCH	W	Year	FYE	#N/A	#N/A	#N/A	#N/A	#N/A
				SA233	Scope 1 GHG Target - Target Year	WATCH	W	Year	FYE	#N/A	#N/A	#N/A	#N/A	#N/A
				SA234	Scope 1 Emissions Reduction Target - Intensity	WATCH	W	%	FYE	#N/A	#N/A	#N/A	#N/A	#N/A
				SA235	Scope 1 Emissions Reduction Target - Absolute	WATCH	W	%	FYE	#N/A	#N/A	#N/A	#N/A	#N/A
SA236	Scope 1 Emissions Absolute Reduction Target	WATCH	W	Thousand Metric T	FYE	#N/A	#N/A	#N/A	#N/A	#N/A				
SA237	Percent Reduction Achieved for Scope 1 Emissions F	WATCH	W	%	FYE	#N/A	#N/A	#N/A	#N/A	#N/A				

1. Run ESG data against a chosen company ticker
2. See how a company compares to industry peers on materiality-driven disclosure
3. View ES Score Issues, Sub-issues and Fields, as well as watch-listed fields we believe will be important for future scores as reporting improves

Learn more

For more information about Bloomberg's ES Scores, contact your account representative.

Take the next step.

For additional information, press the <HELP> key twice on the Bloomberg Terminal®.

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