

# T. Rowe Price Associates, Inc. (TRPA) 2023 Corporate engagement activity

From the Field  
May 2024



## Key Insights

- The T. Rowe Price Associates, Inc. (TRPA) 2023 Corporate Engagement Activity report provides a summary of all ESG-related engagement activity for the year.<sup>1</sup>
- Our ESG-related engagement with companies and other non-corporate fixed income issuers focuses on the environmental practices, corporate governance, or social issues, affecting their businesses.
- ESG engagement is conducted by our dedicated ESG specialists, with portfolio managers and analysts from our equity and fixed income teams also participating, as required.



**Donna Anderson**  
*Head of Corporate  
Governance, TRPA*



**Maria Elena Drew**  
*Director of Research,  
Responsible Investing, TRPA*

**H**ere at T. Rowe Price, we are fortunate to manage USD 1.45 trillion of assets for our clients,<sup>2</sup> predominantly in actively managed portfolios. Engagement with issuers on environmental, social and governance (ESG) matters is an important pillar of our overall stewardship program. Speaking with issuers directly on these matters allows us to enhance our understanding of a particular challenge, inform an investment or proxy voting decision, or adjust our assessment of the risk profile of a particular investment.

Our active investment approach affords us perspective. In most cases, if we see an impediment to reaching our investment goals, such as a company's poor business practices or disclosure, we have the option not to invest. This contrasts with managers of passive portfolios, who may have no choice but to hold an investment despite any evidence of business practice or disclosure concerns.

Our investment-driven engagement program frequently identifies engagement targets through our proprietary Responsible Investing Indicator Model (RIIM) analysis, governance screening, and analysts' fundamental research. ESG engagement meetings are conducted by our dedicated ESG specialists, with portfolio managers and analysts from our equity and fixed income teams, also participating, as required. While we engage with companies in a variety of investment contexts, ESG engagement focuses on exchanging perspectives on the environmental practices, social issues, or corporate governance affecting their businesses.

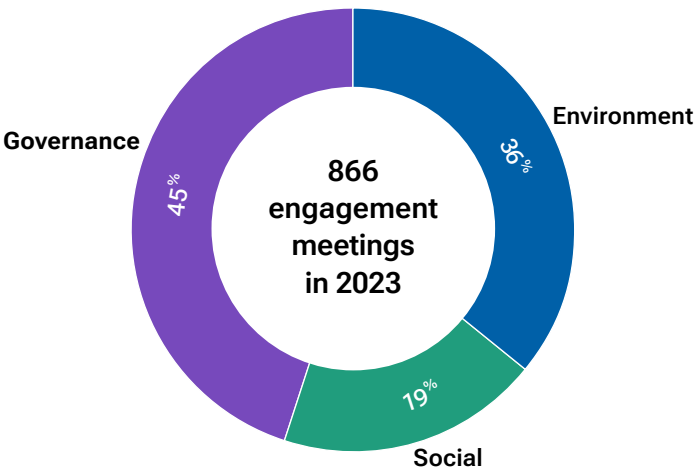
The engagement figures provided here, and the full list of corporate engagements during 2023, are specific to the TRPA-advised range of strategies. Engagements for TRPIM-advised strategies are maintained separately and are detailed in a separate report.

<sup>1</sup> This material covers engagement activity of T. Rowe Price Associates, Inc. and its investment advisory affiliates, excluding T. Rowe Price Investment Management, Inc. and Oak Hill Advisors, L.P., unless otherwise noted.

<sup>2</sup> As of December 31, 2023. Firmwide assets under management include assets managed by T. Rowe Price Associates, Inc. and its investment advisory affiliates, including T. Rowe Price Investment Management, Inc. (TRPIM), and Oak Hill Advisors, L.P.

TRPA engagements by category

Total engagement meetings in 2023



Top 5 engagement topics by category

Environment



- 1. Greenhouse gas (GHG) emissions<sup>1</sup>
- 2. Disclosure of environmental data
- 3. Water
- 4. Product sustainability
- 5. Single-use packaging/plastics

Social



- 1. Disclosure of social data
- 2. Employee safety and treatment
- 3. Supply chain
- 4. Diversity, equity, and inclusion
- 5. Product safety and sustainability

Governance



- 1. Executive compensation
- 2. Board composition<sup>2</sup>
- 3. Succession<sup>3</sup>
- 4. Disclosure of governance data
- 5. Governance structure/oversight

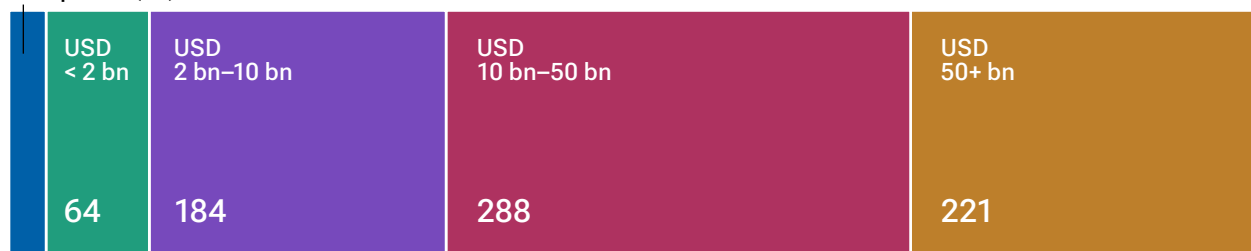
<sup>1</sup> Includes GHG reduction/net zero targets and financed emissions. Net zero means achieving a balance between the greenhouse gases put into the atmosphere and those taken out. This state is also referred to as carbon neutral.  
<sup>2</sup> Includes board independence and board diversity.  
<sup>3</sup> Includes both executive and board succession.



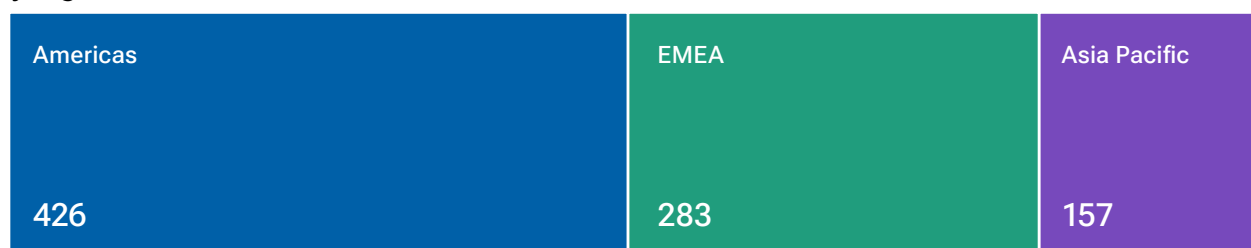
## TRPA engagements—Numbers by category

### By market capitalization<sup>1</sup>

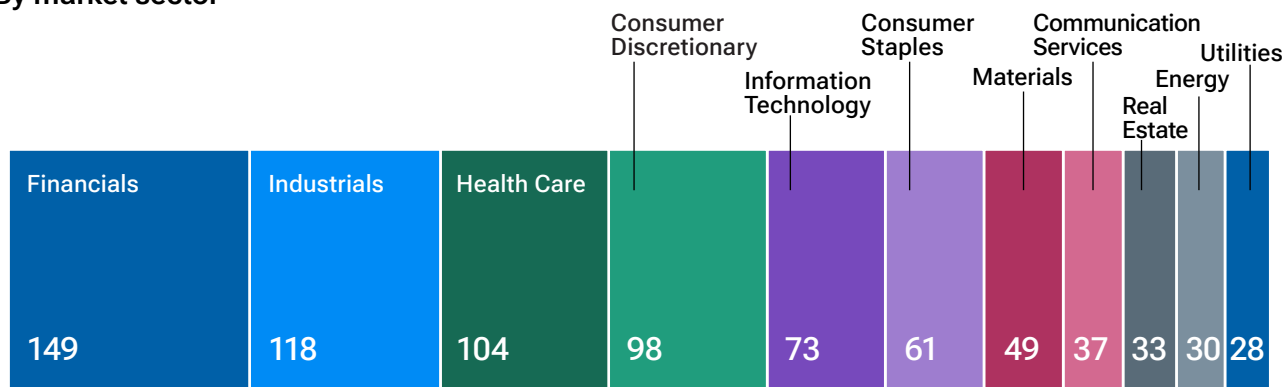
Private  
Companies (23)



### By region



### By market sector<sup>1</sup>



### By asset category



As of December 31, 2023.

<sup>1</sup> Breakdown is representative of corporate engagements only as this is not applicable for fixed income entities (SSAs, municipals, and securitized).

<sup>2</sup> Sovereign, Supranational, and Agency.

## 2023 TRPA corporate engagements

Environmental (E), social (S), and governance (G) classifications of all company engagements

Issuer	Quarter	E	S	G
<b>Corporates</b>				
A O Smith Corp	1Q23	●		
ABB Ltd	1Q23		●	●
AbbVie Inc	2Q23		●	●
	4Q23		●	
	4Q23	●	●	●
Abcam PLC	2Q23			●
	2Q23			●
	2Q23			●
	2Q23			●
	2Q23			●
Abertis Infraestructuras SA	4Q23	●		
ACADIA Pharmaceuticals Inc	2Q23			●
Acadia Realty Trust	4Q23	●	●	●
Accenture PLC	3Q23		●	
ACEN Corp	2Q23	●		
Adaptive Biotechnologies Corp	1Q23			●
Adobe Inc	3Q23	●		
Advanced Drainage Systems Inc	1Q23	●		
	3Q23	●		
	3Q23	●		
Adyen NV	1Q23			●
Affirm Holdings Inc	3Q23	●		●
Agilent Technologies Inc	1Q23			●
Agios Pharmaceuticals Inc	2Q23			●
AIB Group PLC	1Q23	●	●	
Airbus SE	1Q23	●	●	●
	4Q23	●		●
Al Rajhi Bank	1Q23	●		●
Alamos Gold Inc	4Q23	●		
Alcon Inc	4Q23	●		●
Alibaba Group Holding Ltd	3Q23			●
Allstate Corp	3Q23			●
Alphabet Inc	2Q23		●	●
ALS Ltd	3Q23			●
Alstom SA	1Q23	●	●	
Altice Financing SA	3Q23	●	●	
Aluflexpack AG	1Q23			●
Amadeus IT Group SA	2Q23			●
	4Q23			●
Amaggi Luxembourg International Sarl	3Q23	●		
Amazon.com Inc	1Q23	●	●	
	2Q23			●
	3Q23	●	●	
	4Q23	●	●	
Ambarella Inc	1Q23	●		

Issuer	Quarter	E	S	G
Ambev SA	1Q23	●		
Amcort PLC	3Q23	●	●	●
Ameren Corp	1Q23	●		●
American Express Co	2Q23			●
	3Q23	●	●	
	4Q23			●
American International Group Inc	2Q23			●
	4Q23			●
Amgen Inc	4Q23		●	●
Amplifon SpA	2Q23			●
Analog Devices Inc	3Q23	●		
ANTA Sports Products Ltd	2Q23	●	●	
Antofagasta PLC	4Q23			●
Apartment Investment and Management Co	3Q23	●		
APM Human Services International Ltd	4Q23	●	●	
Apollo Global Management Inc	3Q23			●
Apple Inc	1Q23			●
	3Q23		●	●
Applied Materials Inc	4Q23	●		●
Arabian Internet & Communications Services Co	2Q23			●
ArcelorMittal SA	4Q23		●	
	4Q23	●	●	
Arch Capital Group Ltd	2Q23	●		●
Argenx SE	3Q23		●	●
Arista Networks Inc	2Q23			●
Ariston Holding NV	2Q23			●
Armstrong World Industries Inc	4Q23	●	●	●
Arrow Global Group Ltd	2Q23	●	●	
Asahi Kasei Corp	4Q23	●	●	●
Ascendis Pharma A/S	4Q23	●		●
Ashtead Group PLC	4Q23	●		
	4Q23			●
Asia Commercial Bank JSC	4Q23		●	
ASML Holding NV	1Q23			●
	4Q23	●		
ASOS PLC	1Q23			●
Assa Abloy AB	2Q23			●
Assurant Inc	4Q23		●	●
AstraZeneca PLC	3Q23	●	●	●
	4Q23			●
athenahealth Inc	3Q23	●		●
Attijariwafa Bank	3Q23	●	●	●
Auction Technology Group PLC	4Q23			●
Auto1 Group SE	2Q23			●

The specific securities identified and described are for informational purposes only and do not represent securities purchased, sold, or recommended by T. Rowe Price. No assumption should be made that the securities identified were or will be profitable.

Issuer	Quarter	E	S	G
Autodesk Inc	3Q23	●		
Autoliv Inc	2Q23	●	●	
Automatic Data Processing Inc	3Q23	●	●	●
AutoZone Inc	3Q23	●		●
Avery Dennison Corp	4Q23	●	●	●
Axis Bank Ltd	1Q23	●		
Badger Meter Inc	3Q23	●	●	
Baker Hughes Co	4Q23	●		
Baltic Classifieds Group PLC	3Q23			●
Banca Mediolanum SpA	2Q23			●
Banca Transilvania SA	3Q23	●		●
Banco de Sabadell SA	4Q23	●	●	
Banco Santander Chile	2Q23	●	●	
Bangkok Bank PCL	2Q23	●		
	4Q23	●	●	
Bank Negara Indonesia Persero Tbk PT	4Q23	●	●	
Bank of America Corp	2Q23	●	●	●
	4Q23	●		●
Barclays PLC	1Q23		●	●
	2Q23		●	●
	2Q23	●		
	2Q23	●		
Barry Callebaut AG	4Q23			●
Bath & Body Works Inc	4Q23	●		●
BAWAG Group AG	1Q23			●
	3Q23		●	●
	4Q23			●
	4Q23	●	●	
Bayer AG	1Q23			●
BMW AG	1Q23	●	●	
BDO Unibank Inc	3Q23	●	●	
Becton Dickinson & Co	3Q23	●	●	●
BeiGene Ltd	2Q23	●	●	●
Best Buy Co Inc	4Q23	●	●	●
BFF Bank SpA	2Q23			●
	3Q23			●
	3Q23			●
	4Q23			●
BHP Group Ltd	1Q23	●		
	2Q23	●	●	●
	2Q23	●		
	3Q23	●	●	●
	4Q23	●	●	●
	4Q23	●	●	
BILL Holdings Inc	3Q23			●
Biogen Inc	2Q23			●
	4Q23			●
Bio-Techne Corp	4Q23			●
BNP Paribas SA	2Q23			●
	2Q23	●		

Issuer	Quarter	E	S	G
Booking Holdings Inc	2Q23			●
Boston Properties Inc	3Q23	●		
BP PLC	2Q23	●		●
Brenntag SE	2Q23			●
BRF SA	4Q23		●	
Britvic PLC	3Q23	●	●	
Broadcom Inc	1Q23			●
	3Q23			●
Budweiser Brewing Co APAC Ltd	4Q23	●	●	
Bunzl PLC	4Q23			●
Burlington Stores Inc	1Q23	●	●	●
Cairn Homes PLC	3Q23			●
CaixaBank SA	4Q23	●		
Camden Property Trust	3Q23	●		
Canacol Energy Ltd	3Q23	●		●
Canadian National Railway Co	4Q23	●		
Capital One Financial Corp	1Q23		●	
Capitec Bank Holdings Ltd	1Q23	●	●	●
Capricorn Metals Ltd	4Q23			●
CAR Group Ltd	4Q23	●		●
Cardinal Health Inc	3Q23	●	●	●
Carel Industries SpA	2Q23			●
Carlsberg AS	2Q23	●	●	
Carlyle Group Inc	2Q23			●
Carrier Global Corp	1Q23	●		
Cboe Global Markets Inc	4Q23	●		●
Cellnex Telecom SA	2Q23			●
Cenovus Energy Inc	4Q23	●		
CenterPoint Energy Inc	4Q23	●		
Ceridian HCM Holding Inc	2Q23			●
	4Q23			●
CF Industries Holdings Inc	1Q23	●		
Challenger Ltd	3Q23	●		●
Chevron Corp	4Q23	●	●	
China Mengniu Dairy Co Ltd	4Q23	●		
China National Building Material Co Ltd	3Q23	●		●
China Resources Beer Holdings Co Ltd	1Q23	●		
Chipotle Mexican Grill Inc	1Q23	●	●	●
	2Q23		●	●
	4Q23	●	●	●
Chubb Ltd	4Q23	●		●
Chubu Electric Power Co Inc	2Q23	●		
Cia de Minas Buenaventura SAA	2Q23	●	●	
CIE Automotive SA	2Q23			●
Cisco Systems Inc	2Q23	●	●	
	4Q23			●
Citigroup Inc	2Q23		●	●
	4Q23	●	●	●
CJ CheilJedang Corp	4Q23	●		
CK Hutchison Holdings Ltd	3Q23			●

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Issuer	Quarter	E	S	G
CME Group Inc	4Q23			●
Coca-Cola Femsa SAB de CV	1Q23	●		
Commonwealth Bank of Australia	3Q23	●		●
Conagra Brands Inc	4Q23		●	
ConocoPhillips	4Q23	●	●	●
Constellation Brands Inc	1Q23	●	●	
	1Q23			●
Constellation Energy Corp	4Q23	●	●	●
Core & Main Inc	1Q23	●		
Coterra Energy Inc	2Q23			●
Coupang Inc	2Q23		●	
Coursera Inc	1Q23	●	●	
Covestro AG	4Q23			●
Credit Agricole SA	2Q23	●	●	
	4Q23	●		
Credit Suisse Group AG	1Q23			●
CRISPR Therapeutics AG	2Q23			●
CrowdStrike Holdings Inc	1Q23			●
CSX Corp	2Q23			●
Cummins Inc	4Q23	●		
	4Q23			●
CVS Health Corp	1Q23	●	●	●
	4Q23	●	●	
Daimler Truck Holding AG	1Q23			●
Dana Inc	3Q23	●		
Danaher Corp	2Q23			●
	4Q23	●	●	●
Darling Ingredients Inc	4Q23			●
	4Q23	●		
Dave & Buster's Entertainment Inc	4Q23	●	●	
Davide Campari-Milano NV	1Q23			●
Davies & Metcalfe	4Q23			●
Deliveroo PLC	2Q23		●	
Delivery Hero SE	1Q23		●	●
Derwent London PLC	2Q23			●
Diageo PLC	4Q23			●
Diamondback Energy Inc	4Q23	●	●	●
Direct Line Insurance Group PLC	1Q23			●
Dixon Technologies India Ltd	4Q23	●	●	
DocuSign Inc	4Q23			●
Dollar General Corp	2Q23		●	●
	4Q23		●	●
Dominion Energy Inc	2Q23			●
Douglas Emmett Inc	2Q23			●
Dover Corp	4Q23	●	●	●
Downer EDI Ltd	1Q23			●
	4Q23			●
DSM-Firmenich AG	4Q23	●	●	
DTE Energy Co	2Q23			●

Issuer	Quarter	E	S	G
eBay Inc	1Q23	●		
	3Q23	●		
EDP - Energias de Portugal SA	1Q23	●	●	
Elanco Animal Health Inc	4Q23	●		
	4Q23			●
Electric Power Development Co Ltd	2Q23	●		
Elevance Health Inc	4Q23		●	●
Eli Lilly & Co	2Q23			●
	2Q23	●	●	
	4Q23		●	●
Emirates NBD Bank PJSC	2Q23	●	●	
	3Q23	●		
Endava PLC	1Q23			●
	2Q23			●
Enel Chile SA	3Q23	●		
Enel SpA	1Q23	●		●
	2Q23			●
	2Q23			●
	2Q23			●
Engie SA	2Q23	●		●
Integris Inc	4Q23	●	●	
Entergy Corp	1Q23	●	●	●
EOG Resources Inc	3Q23	●		
EQT AB	2Q23	●		
EQT Corp	4Q23	●		
Equifax Inc	2Q23		●	●
	4Q23			●
Equinix Inc	1Q23	●		
	2Q23			●
Equitable Holdings Inc	2Q23			●
	4Q23	●		●
Equity Residential	1Q23	●	●	
ERO Copper Corp	1Q23	●		●
EssilorLuxottica SA	1Q23		●	●
	2Q23		●	●
Estee Lauder Cos Inc	4Q23	●	●	
Eversource Energy	4Q23	●		
Evotec SE	1Q23	●	●	●
	2Q23			●
Exelixis Inc	4Q23	●	●	●
Expedia Group Inc	2Q23			●
Experian PLC	4Q23			●
Exxon Mobil Corp	1Q23	●		●
	2Q23	●		●
	4Q23	●		●
Ferguson PLC	1Q23	●	●	
FibroGen Inc	2Q23			●
Filtration Group Corp	4Q23	●		

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Issuer	Quarter	E	S	G
First Abu Dhabi Bank PJSC	1Q23	●		
	2Q23	●		
	2Q23	●		
FirstRand Ltd	3Q23			●
	3Q23	●		
	4Q23			●
Fiserv Inc	4Q23		●	●
Fisher & Paykel Healthcare Corp Ltd	4Q23			●
flatexDEGIRO AG	2Q23			●
FleetCor Technologies Inc	2Q23			●
	4Q23			●
Floor & Decor Holdings Inc	4Q23	●	●	●
FMC Corp	1Q23	●		●
Fortinet Inc	1Q23	●	●	●
Forvia SE	1Q23			●
Foshan Haitian Flavouring & Food Co Ltd	1Q23	●	●	●
Freeport-McMoRan Inc	4Q23	●	●	●
Fresenius SE & Co KGaA	4Q23			●
FSN E-Commerce Ventures Ltd	3Q23			●
Fujitec Co Ltd	1Q23			●
	1Q23			●
	1Q23			●
Funding Circle Holdings PLC	4Q23			●
Games Workshop Group PLC	3Q23	●	●	
GE HealthCare Technologies Inc	1Q23	●	●	
	4Q23	●		●
GEA Group AG	1Q23			●
	1Q23	●		
General Electric Co	2Q23	●		●
	4Q23	●		●
General Mills Inc	2Q23	●	●	
Genus PLC	4Q23	●		●
Georgia Capital PLC	3Q23			●
	3Q23			●
Glencore PLC	2Q23	●		●
GoDaddy Inc	4Q23		●	
Godrej Consumer Products Ltd	3Q23	●	●	
Golden Goose SpA	4Q23	●		
Goldman Sachs Group Inc	2Q23	●	●	●
	1Q23			●
Great Portland Estates PLC	1Q23			●
	1Q23			●
Greggs PLC	3Q23	●	●	
GS Caltex Corp	4Q23	●		●
GSK PLC	3Q23	●	●	
	4Q23			●
H & M Hennes & Mauritz AB	2Q23		●	
H World Group Ltd	1Q23	●		●

Issuer	Quarter	E	S	G
H&R Block Inc	1Q23	●	●	
	1Q23		●	
	1Q23		●	
	3Q23	●	●	
Haleon PLC	3Q23	●	●	
Halliburton Co	4Q23	●		●
Hang Lung Properties Ltd	2Q23	●		
Hartford Financial Services Group Inc	4Q23	●		●
HCA Healthcare Inc	1Q23	●	●	●
HDFC Bank Ltd	4Q23	●		
	4Q23	●	●	
	4Q23	●		
Heathrow Funding Ltd	4Q23	●		
Helios Towers PLC	2Q23			●
Hexagon AB	4Q23	●		
Holcim AG	1Q23			●
Hologic Inc	4Q23	●		●
Hon Hai Precision Industry Co Ltd	4Q23		●	
	4Q23		●	
Honeywell International Inc	2Q23			●
	4Q23	●		●
Hongfa Technology Co Ltd	1Q23	●		
Host Hotels & Resorts Inc	3Q23	●		
Howmet Aerospace Inc	2Q23			●
	4Q23	●		●
HSBC Holdings PLC	2Q23			●
	2Q23			●
Hubbell Inc	1Q23	●	●	●
	2Q23	●	●	
HubSpot Inc	4Q23			●
Humana Inc	3Q23	●		●
Hyundai Motor Co	1Q23			●
	2Q23		●	●
Iberdrola SA	1Q23		●	●
	2Q23	●		
Illinois Tool Works Inc	2Q23			●
Illumina Inc	2Q23			●
	4Q23			●
Imperial Brands PLC	3Q23			●
Indofood CBP Sukses Makmur Tbk PT	1Q23	●	●	
	2Q23		●	
Info Edge India Ltd	1Q23			●
Informa PLC	1Q23			●
	1Q23			●
	4Q23			●
ING Groep NV	1Q23	●		
	4Q23			●
Ingersoll Rand Inc	2Q23			●
Insurance Australia Group Ltd	3Q23	●		●
Interchile SA	3Q23	●		

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Issuer	Quarter	E	S	G
InterContinental Hotels Group PLC	1Q23			●
	2Q23			●
	2Q23	●		
	4Q23			●
International Container Terminal Services Inc	3Q23	●	●	
International Paper Co	1Q23		●	●
Intesa Sanpaolo SpA	1Q23	●		
Intuit Inc	4Q23	●		●
Ionis Pharmaceuticals Inc	2Q23			●
Ipoteka-Bank ATIB	3Q23	●	●	
IQE PLC	3Q23			●
	4Q23			●
Itau Unibanco Holding SA	3Q23	●		
IVERIC bio Inc	1Q23			●
Jackson Financial Inc	4Q23	●		●
Jaguar Land Rover Automotive PLC	3Q23	●	●	
Jiumaojiu International Holdings Ltd	4Q23	●	●	
Johnson & Johnson	2Q23		●	●
	3Q23		●	●
	4Q23		●	●
Jollibee Foods Corp	1Q23	●	●	
JPMorgan Chase & Co	2Q23		●	●
	4Q23	●		●
Julius Baer Group Ltd	4Q23			●
Karuna Therapeutics Inc	4Q23			●
Kemper Corp	1Q23			●
	2Q23			●
Kenvue Inc	4Q23	●	●	●
Keros Therapeutics Inc	4Q23			●
Keyence Corp	3Q23	●		
Keywords Studios PLC	2Q23			●
	4Q23			●
Kimberly-Clark Corp	4Q23	●		●
Kinder Morgan Inc	3Q23	●		●
KION Group AG	2Q23			●
	4Q23			●
KLA Corp	3Q23	●		
Klabin SA	4Q23	●		
Kohl's Corp	4Q23			●
Koninklijke Philips NV	2Q23		●	●
	4Q23			●
Korea Gas Corp	1Q23	●		
Kraft Heinz Co	1Q23		●	
	2Q23	●	●	●
	3Q23	●	●	●

Issuer	Quarter	E	S	G
KT Corp	1Q23		●	●
	1Q23			●
	1Q23			●
	2Q23			●
	2Q23			●
	3Q23			●
Kumba Iron Ore Ltd	2Q23			●
Kyoritsu Maintenance Co Ltd	3Q23	●	●	
Lam Research Corp	3Q23	●		●
Larsen & Toubro Ltd	1Q23			●
Lasertec Corp	3Q23	●	●	
Lattice Semiconductor Corp	4Q23	●	●	●
Legal & General Group PLC	3Q23			●
Lenovo Group Ltd	1Q23	●	●	
Leonardo SpA	2Q23			●
	2Q23			●
Li Ning Co Ltd	2Q23	●	●	
Linde PLC	2Q23	●		
Lloyds Banking Group PLC	1Q23	●		
	4Q23			●
Localiza Rent a Car SA	1Q23			●
London Stock Exchange Group PLC	4Q23			●
Lotte Chemical Corp	1Q23			●
Lululemon Athletica Inc	2Q23			●
Macquarie Group Ltd	3Q23			●
Magnolia Oil & Gas Corp	1Q23	●		
Majid Al Futtaim Holding LLC	2Q23	●	●	●
Marsh & McLennan Cos Inc	2Q23			●
	4Q23			●
Marvell Technology Inc	1Q23			●
Match Group Inc	1Q23		●	
	4Q23			●
Mattel Inc	4Q23	●		●
McDonald's Corp	1Q23	●	●	●
McKesson Corp	3Q23			●
	4Q23		●	●
Mediobanca Banca di Credito Finanziario SpA	4Q23	●		●
	4Q23			●
Medline Borrower LP	3Q23	●	●	
Meituan	4Q23	●	●	
Melrose Industries PLC	2Q23			●
Mercedes-Benz Group AG	1Q23	●	●	
Merck & Co Inc	2Q23		●	●
	4Q23	●	●	●
Meta Platforms Inc	2Q23		●	●
	4Q23		●	
Microchip Technology Inc	3Q23		●	●
Micron Technology Inc	3Q23	●		●
Microsoft Corp	4Q23	●	●	
Middleby Corp	1Q23	●		

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Issuer	Quarter	E	S	G
Millicom International Cellular SA	1Q23			●
Minerva SA/Brazil	4Q23	●	●	
Minsur SA	2Q23	●		
Mitsubishi Corp	2Q23	●		
	2Q23	●		
Mitsubishi Electric Corp	1Q23		●	●
	1Q23	●		
	2Q23			●
Mitsubishi UFJ Financial Group Inc	2Q23	●		●
	2Q23	●		●
	2Q23	●		
	3Q23			●
Mitsui Fudosan Co Ltd	1Q23			●
Mobico Group PLC	1Q23			●
Moderna Inc	3Q23	●	●	
	4Q23			●
Mondelez International Inc	2Q23		●	●
	4Q23	●	●	
MongoDB Inc	4Q23	●	●	●
Monolithic Power Systems Inc	4Q23	●		
Montana Aerospace AG	2Q23			●
Morgan Stanley	3Q23	●		
Morphic Holding Inc	2Q23			●
Mr Price Group Ltd	4Q23	●	●	
Mueller Water Products Inc	3Q23	●		
Munich Re	3Q23	●		
National Australia Bank Ltd	4Q23	●		●
National Bank of Kuwait SAKP	1Q23	●	●	
Natura & Co Holding SA	1Q23	●		
NatWest Group PLC	4Q23	●	●	
Nedbank Group Ltd	2Q23	●		●
Network International Holdings PLC	1Q23			●
Newmed Energy LP	1Q23	●	●	●
	4Q23	●		
News Corp	1Q23			●
	4Q23			●
Nexa Resources SA	2Q23	●		
Nexity SA	1Q23	●		●
	2Q23			●
Next PLC	3Q23			●
NIKE Inc	3Q23		●	●
NIO Inc	2Q23	●		
Nippon Sanso Holdings Corp	4Q23	●		●
Nitori Holdings Co Ltd	3Q23	●		●
NN Group NV	1Q23	●	●	
Nongfu Spring Co Ltd	3Q23	●		
Norfolk Southern Corp	2Q23			●
	3Q23	●	●	●
Northrop Grumman Corp	1Q23	●	●	●
	2Q23		●	●

Issuer	Quarter	E	S	G
Norva24 Group AB	2Q23			●
Norwegian Cruise Line Holdings Ltd	2Q23	●		
Nova Ljubljanska Banka dd	3Q23	●		●
	4Q23			●
Novartis AG	4Q23	●	●	●
Novo Nordisk A/S	3Q23	●	●	
NTPC Ltd	2Q23	●	●	●
Nutrien Ltd	4Q23	●		
NVIDIA Corp	4Q23	●		
NXP Semiconductors NV	1Q23	●		
	4Q23		●	●
Ocado Group PLC	2Q23			●
	4Q23			●
Omnicom Group Inc	4Q23		●	●
OMV AG	4Q23	●		
On Holding AG	2Q23			●
One 97 Communications Ltd	3Q23			●
oOh!media Ltd	4Q23	●	●	
Ooredoo QPSC	2Q23	●	●	●
Option Care Health Inc	4Q23		●	●
O'Reilly Automotive Inc	1Q23	●	●	●
ORIX Corp	4Q23			●
OTP Bank Nyrt	3Q23	●		
OUTsurance Group Ltd	4Q23			●
Owens Corning	3Q23	●		
PACCAR Inc	2Q23		●	●
Page Industries Ltd	4Q23	●	●	
Palomar Holdings Inc	4Q23	●	●	●
Paycom Software Inc	2Q23			●
	4Q23			●
Pearson PLC	2Q23			●
PepsiCo Inc	2Q23		●	
Persimmon PLC	1Q23	●		●
	1Q23		●	●
PetSmart LLC	1Q23	●	●	
PEXA Group Ltd	4Q23			●
Pfizer Inc	2Q23		●	●
	3Q23		●	
PG&E Corp	1Q23	●		
Philippine Seven Corp	4Q23	●	●	●
PNC Financial Services Group Inc	4Q23			●
Poly Property Services Co Ltd	4Q23	●	●	
PolyPeptide Group AG	1Q23			●
Popular Inc	1Q23	●	●	●
PRADA SpA	2Q23	●	●	
Predictive Discovery Ltd	4Q23			●
Primerica Inc	4Q23			●
Privia Health Group Inc	4Q23			●
Procter & Gamble Co	4Q23		●	●
Prologis Inc	2Q23			●

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Prosus NV	3Q23			●
Prysmian SpA	1Q23			●
Puma SE	2Q23			●
	4Q23			●
QUALCOMM Inc	4Q23	●	●	
Quest Diagnostics Inc	4Q23	●		●
Range Resources Corp	4Q23	●		
Rayonier Inc	1Q23	●		●
RBC Bearings Inc	3Q23			●
Realty Income Corp	3Q23	●		●
Recruit Holdings Co Ltd	3Q23	●	●	●
Redwood Materials Inc	1Q23			●
Remy Cointreau SA	4Q23	●		●
Renishaw PLC	4Q23			●
Rentokil Initial PLC	2Q23			●
	2Q23	●		
	4Q23			●
Rio Tinto PLC	1Q23			●
	3Q23			●
	4Q23			●
Rockwell Automation Inc	1Q23			●
	3Q23	●		●
ROCKWOOL A/S	4Q23	●	●	
RPM International Inc	4Q23			●
S&P Global Inc	3Q23			●
Sage Group PLC	2Q23		●	
Sage Therapeutics Inc	4Q23			●
Salesforce Inc	1Q23			●
	2Q23			●
Sampo Oyj	2Q23			●
Samsung Biologics Co Ltd	4Q23		●	●
Samsung Electronics Co Ltd	1Q23			●
	3Q23	●	●	●
	4Q23			●
Sanofi SA	2Q23			●
Sarepta Therapeutics Inc	4Q23			●
Sartorius AG	3Q23			●
SBA Communications Corp	4Q23	●		●
Schlumberger NV	4Q23	●		
Schneider Electric SE	2Q23	●		●
Schoeller-Bleckmann Oilfield Equipment AG	4Q23			●
Schrodinger Inc/United States	4Q23	●	●	
Sempra	4Q23	●		●
ServiceNow Inc	2Q23			●
	4Q23			●
Seven & i Holdings Co Ltd	1Q23			●
	2Q23			●
Shell PLC	2Q23	●		●
SHIFT Inc	4Q23			●

Issuer	Quarter	E	S	G
Shimadzu Corp	4Q23	●	●	●
Shoals Technologies Group Inc	3Q23			●
Shoprite Holdings Ltd	4Q23	●	●	
Siemens AG	4Q23	●		●
Siemens Healthineers AG	1Q23	●	●	●
	1Q23	●	●	
Simon Property Group Inc	2Q23			●
	4Q23			●
SiteOne Landscape Supply Inc	4Q23	●		
SK Hynix Inc	4Q23	●	●	
Skandinaviska Enskilda Banken AB	1Q23	●		
SL Green Realty Corp	4Q23			●
SM Investments Corp	1Q23	●	●	
	1Q23	●		
SMC Corp	3Q23	●		●
Smith & Nephew PLC	2Q23			●
	3Q23			●
	4Q23			●
Smurfit Kappa Group PLC	2Q23	●	●	
Sociedad de Transmision Austral SA	4Q23	●		
Sony Group Corp	2Q23	●	●	
South32 Ltd	4Q23	●	●	●
	4Q23	●	●	●
Southern Co	2Q23			●
	4Q23	●		
Spirit AeroSystems Holdings Inc	2Q23			●
Spotify Technology SA	3Q23		●	
Srisawad Corp PCL	3Q23	●	●	
St James's Place PLC	4Q23			●
Stanley Black & Decker Inc	3Q23	●	●	●
Starbucks Corp	1Q23	●	●	
State Street Corp	2Q23		●	●
	4Q23	●		●
Steel Dynamics Inc	4Q23	●	●	●
Sumber Alfaria Trijaya Tbk PT	1Q23	●		
Sumitomo Corp	4Q23	●		
Sumitomo Densetsu Co Ltd	1Q23			●
Sumitomo Mitsui Trust Holdings Inc	1Q23	●		●
Suncor Energy Inc	4Q23	●		
Synopsys Inc	3Q23	●		
Sysco Corp	2Q23	●		●
TC Energy Corp	4Q23	●		
TE Connectivity Ltd	3Q23	●		
TechnipFMC PLC	1Q23	●		●
Telefonaktiebolaget LM Ericsson	1Q23			●
	4Q23		●	●
Telefonica Deutschland Holding AG	1Q23	●		
Telefonica SA	2Q23	●	●	
Teleperformance SE	1Q23	●		●
Tesla Inc	2Q23			●

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Issuer	Quarter	E	S	G
Texas Instruments Inc	1Q23	●		
	3Q23	●	●	●
Texas Roadhouse Inc	2Q23	●		●
Thales SA	1Q23			●
Thermo Fisher Scientific Inc	2Q23		●	
	4Q23		●	●
Tingyi Cayman Islands Holding Corp	1Q23	●	●	
Tokyo Electron Ltd	1Q23	●	●	
TOMRA Systems ASA	4Q23	●		
Toro Co	1Q23			●
TotalEnergies SE	2Q23	●		
Toyota Industries Corp	4Q23		●	●
Toyota Motor Corp	2Q23			●
	2Q23	●		
	3Q23	●	●	●
Tradeweb Markets Inc	4Q23	●		
Trainline PLC	1Q23			●
Transaction Capital Ltd	1Q23	●	●	●
TransDigm Group Inc	1Q23			●
	3Q23			●
Travelers Cos Inc	1Q23	●	●	●
Treasury Wine Estates Ltd	4Q23			●
Türkiye Garanti Bankası AS	3Q23	●	●	
Türkiye İş Bankası AS	2Q23	●		
	4Q23	●		
Ubisoft Entertainment SA	3Q23			●
	4Q23			●
UniCredit SpA	1Q23			●
Unilever PLC	1Q23			●
	2Q23			●
	3Q23	●	●	
	3Q23			●
	4Q23			●
United Group BV	4Q23	●	●	●
	4Q23	●	●	
United Overseas Bank Ltd	2Q23	●	●	
United Rentals Inc	1Q23	●		
	1Q23	●		
UnitedHealth Group Inc	2Q23		●	●
	4Q23		●	
Universal Music Group NV	2Q23			●
Universal Robina Corp	1Q23	●		
US Bancorp	4Q23	●	●	
Valero Energy Corp	3Q23	●		●
Valmet Oyj	1Q23			●
Van Lanschot Kempen NV	4Q23			●
Veeva Systems Inc	2Q23		●	
Ventas Inc	2Q23			●
	4Q23		●	●

Issuer	Quarter	E	S	G
Verallia SA	1Q23			●
	2Q23			●
Verisk Analytics Inc	4Q23	●		
Vertex Pharmaceuticals Inc	4Q23	●	●	
VF Corp	4Q23	●	●	
Viatis Inc	3Q23			●
Victrix PLC	1Q23			●
Vietnam Technological & Commercial Joint Stock Bank	2Q23			●
Visa Inc	4Q23			●
Vnet Group Inc	2Q23	●		●
Vodafone Group PLC	3Q23			●
Volkswagen AG	4Q23		●	●
Vonovia SE	4Q23	●	●	
Vornado Realty Trust	1Q23	●		
	2Q23			●
	3Q23			●
Vulcan Materials Co	1Q23	●	●	●
Wal-Mart de Mexico SAB de CV	3Q23	●	●	
	4Q23	●	●	
Walmart Inc	1Q23		●	●
Walt Disney Co	4Q23			●
Waste Connections Inc	2Q23	●		
Wells Fargo & Co	2Q23	●	●	●
	4Q23	●	●	
Wendel SE	1Q23	●		●
	2Q23			●
Wendy's Co	4Q23		●	
Western Digital Corp	2Q23			●
Westinghouse Air Brake Technologies Corp	4Q23	●		●
	4Q23	●		
Westrock Co	3Q23	●		
WHA Corp PCL	4Q23	●	●	
Williams Cos Inc	1Q23	●	●	
Wizz Air Holdings PLC	3Q23	●	●	●
Woolworths Holdings Ltd/South Africa	4Q23	●	●	
Worley Ltd	1Q23	●		
	4Q23			●
WPP PLC	4Q23			●
Wuxi Biologics Cayman Inc	2Q23			●
Wynn Resorts Ltd	2Q23			●
Xcel Energy Inc	1Q23	●	●	●
Xero Ltd	3Q23			●
Yangzijiang Shipbuilding Holdings Ltd	4Q23	●		
YouGov PLC	3Q23			●
Yum China Holdings Inc	2Q23	●	●	
	4Q23			●
Yunda Holding Co Ltd	1Q23	●	●	●
Zai Lab Ltd	4Q23			●

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Issuer	Quarter	E	S	G
Zalando SE	1Q23			●
Zentaris Pharmaceuticals Inc	2Q23			●
Zimmer Biomet Holdings Inc	2Q23			●
	4Q23	●	●	●
Zomato Ltd	4Q23		●	
Zurich Insurance Group AG	1Q23			●
	4Q23	●		●
SSA, Securitized, and Municipal Engagements				
Agence Francaise de Developpement EPIC	2Q23	●	●	
Alaska Housing Finance Corporation	3Q23		●	
Ally Auto Receivables Trust	1Q23	●		
Angel Oak Mortgage Trust	1Q23		●	
Arch Mortgage Insurance Co	1Q23	●		
	2Q23		●	
Asian Infrastructure Investment Bank	3Q23	●		
Avis Budget Rental Car Funding AESOP LLC	1Q23	●		
Baden-Wurtemberg (German Sovereign)	1Q23	●	●	
Blackstone Holdings Finance Co LLC	1Q23	●	●	
	1Q23	●	●	
Brazil	1Q23	●		
	3Q23	●	●	
CarMax Auto Owner Trust	1Q23	●		
Carvana Auto Receivables Trust	1Q23	●	●	
CIFC Asset Management LLC	1Q23	●	●	
City of Detroit	1Q23		●	
City of Los Angeles Department of Airports	1Q23	●		
CNH Equipment Trust	1Q23	●	●	
County of Fairfax, VA	3Q23	●		
CSCDA Community Improvement Authority	3Q23		●	●
Dallas Fort Worth International Airport	2Q23	●		
	4Q23	●	●	
Dell Equipment Finance Trust	1Q23	●	●	
Dubai Aerospace Enterprise DAE Ltd	1Q23	●		
European Bank for Reconstruction & Development	2Q23		●	●
European Investment Bank	2Q23	●		
European Union	2Q23	●		
Exeter Automobile Receivables Trust	1Q23	●		●
Export-Import Bank of India	3Q23	●		
Federal Home Loan Mortgage Corp	1Q23	●	●	
Federal National Mortgage Association	1Q23	●	●	
	1Q23		●	
	4Q23	●	●	
FirstKey Mortgage LLC	1Q23		●	
Ford Credit Auto Lease Trust	1Q23	●		
France	2Q23	●		
French Community of Belgium	2Q23	●		

Issuer	Quarter	E	S	G
General Motors Financial Co Inc	1Q23	●	●	
Germany	2Q23	●		
Goodleap LLC	1Q23	●		
Government of Hong Kong	1Q23	●		
Great Lakes Water Authority	4Q23	●		
Hyundai Auto Receivables Trust	1Q23	●		
International Bank for Reconstruction & Development	2Q23	●	●	
	2Q23	●	●	
International Finance Corp	1Q23	●	●	
	2Q23	●	●	
	4Q23	●	●	
Israel	1Q23	●		
	1Q23	●		
Italy	2Q23	●		
Japan	4Q23	●		
Japan Bank for International Corporation	2Q23	●	●	
JEA Electric System Revenue	2Q23	●	●	
JP Morgan Mortgage Trust	1Q23	●	●	
Kingdom of Belgium	1Q23	●		
Kingdom of Saudi Arabia	1Q23	●		
	3Q23	●		
Kubota Credit Owner Trust	1Q23	●	●	
Lower Colorado River Authority	2Q23	●		
Metropolitan Transportation Authority	3Q23	●		
Missouri Joint Municipal Electric Utility Commission	2Q23	●		
Mosaic Solar Lens LLC	1Q23	●	●	
Navient Private Education Refi Loan Trust	1Q23		●	
Netherlands	2Q23	●		
New York Power Authority	2Q23	●	●	
OneMain Financial Inc	1Q23		●	
Prudential Financial Inc	1Q23	●	●	
Republic of South Africa	3Q23	●		
Republic of the Philippines	1Q23	●		
	1Q23	●		
	1Q23	●		
Republic of Turkey	2Q23	●	●	
Rocket Mortgage LLC	1Q23	●		
Santander Drive Auto Receivables Trust	1Q23	●		
Sierra Timeshare Receivables Funding LLC	1Q23	●		
South Carolina Public Service Authority	2Q23	●	●	
Synchrony Card Funding LLC	1Q23		●	
T-Mobile US Trust	1Q23		●	
Toyota Auto Receivables Owner Trust	1Q23	●		
United Arab Emirates	1Q23	●		
United Kingdom	2Q23	●	●	
	4Q23	●		
Verizon Owner Trust	1Q23	●	●	
Washington State Convention Center Public Facilities District	4Q23	●		

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