

BlackRock Investment Stewardship

Climate Focus Universe

BlackRock’s conviction is that sustainability risk – and climate risk in particular – is investment risk. The BlackRock Investment Stewardship (BIS) team engages with companies to assess how material sustainability-related factors impact a company’s ability to generate long-term shareholder returns.

In 2020, we focused our engagement on a climate universe of 440 public companies, representing about 60% of the global Scope 1 and Scope 2 greenhouse gas (GHG) emissions¹ of the companies in which we invest on behalf of our clients. Of these 440 companies, in addition to voting against 64 directors and 69 companies, we put 191 companies “on watch,” meaning they risk votes against directors in 2021 unless they demonstrate significant progress on the management and reporting of climate-related risk.

In 2021, we expanded our focus universe to over 1,000 carbon-intensive public companies that represent 90%² of the global scope 1 and 2 GHG emissions of our clients’ public equity holdings with BlackRock.

The list is derived from public information and is intended to focus BIS’ climate engagement efforts. Many of these companies are leaders in their sectors—they have articulated climate adaptation strategies, rigorous GHG reduction targets, and are creating the technology and solutions that are vital for a low-carbon transition. Others are at a much earlier stage in that journey. BIS evaluates the public disclosures, actions, and transition plans of the companies in this universe, engaging with management and boards where we believe a conversation would be constructive to communicate our expectations.

1,000+

carbon-intensive companies in clients’ equity portfolios

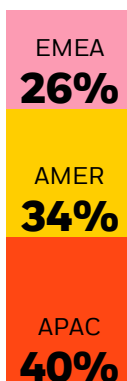
90%

of global scope 1 and scope 2 GHG emissions represented

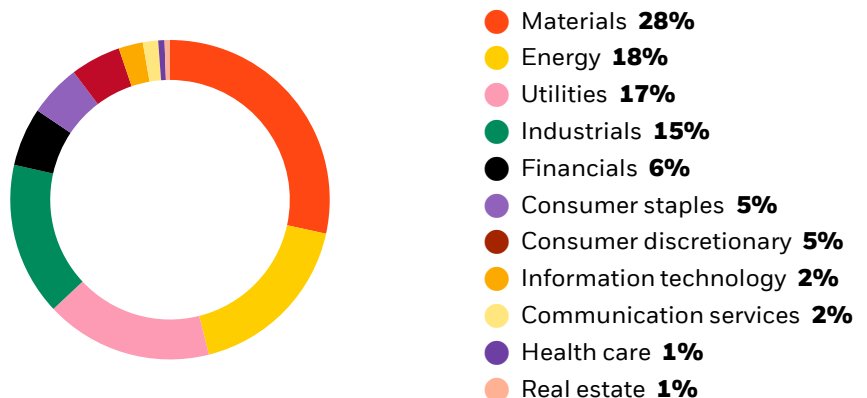
11

sectors³ covered globally

Universe breakdown by region



Universe breakdown by sector



¹ By convention, emissions in most companies’ disclosures, and the databases that aggregate these, are reported in tons CO₂ equivalent (GHG emissions in tCO₂e). They include carbon dioxide (CO₂) but may also include methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulphur hexafluoride (SF₆) and nitrogen trifluoride (NF₃). All these gases contribute to climate change. Instead of reporting them separately, the convention is to convert and disclose them as a single figure.

² Based on MSCI data. This list includes companies that were on the 2020 BIS Climate Watchlist and those that are constituents of the Climate Action 100+ focus universe, in addition to other companies that BlackRock held an equity position in on behalf of our clients as of the end of 2020.

³ Based on MSCI’s GICS sector characterization. <https://www.msci.com/documents/1296102/11185224/GICS+Methodology+2020.pdf/9caadd09-790d-3d60-455b-2a1ed5d1e48c?t=1578405935658>

Our commentary, [Climate Risk and the Transition to a Low-Carbon Economy](#), provides detail on our expectations of companies to disclose a business plan aligned with the goal of limiting global warming to well below 2°C, consistent with achieving net zero global GHG emissions by 2050. These disclosures are essential for investors to assess a company’s ability to transition its business to a low-carbon economy, while also capitalizing on opportunities presented by a net zero transition.

As explained in BIS’ market-specific [voting guidelines](#), where corporate disclosures are insufficient to make a thorough assessment, or a company has not provided a credible plan to transition its business model to a low-carbon economy, including short-, medium-, and long-term GHG reduction targets, we may vote against the directors we consider responsible for climate risk oversight. We may also support shareholder proposals that we believe address gaps in a company’s approach to climate risk and the energy transition.

The following companies comprise the climate focus universe:

Americas (AMER) Region

Company Name	Sector
3M CO	Industrials
ADAMS RESOURCES	Energy
AES CORP	Utilities
AES GENER SA	Utilities
AIR CANADA	Industrials
AIR PRODUCTS AND CHEMICALS INC	Materials
ALASKA AIR GRP INC.	Industrials
ALCOA CORP	Materials
ALFA SAB DE CV	Industrials
ALGONQUIN POWER & UTILITIES CORP	Utilities
ALLEGHENY TECH INC	Materials
ALLEGIAN T TRAVEL CO	Industrials
ALLETE INC.	Utilities
ALLIANT ENERGY CORP	Utilities
ALLSTATE CORP	Financials
ALPEK SAB DE CV	Materials
ALTAGAS LTD	Utilities
AMAZON.COM INC	Consumer Discretionary
AMEREN CORPORATION	Utilities
AMERICA MOVIL SAB DE CV	Communication Services
AMERICAN AIRLINES GROUP INC	Industrials
AMERICAN ELECTRIC POWER COMPANY INC.	Utilities
AMERICAN INTERNATIONAL GROUP INC	Financials
AMERICAN TOWER CORP	Real Estate
APACHE CORP	Energy
ARCH RESOURCES INC	Energy
ARCHER DANIELS MIDLAND CO	Consumer Staples
AT&T INC	Communication Services
ATCO LTD	Utilities
ATHABASCA OIL CORP	Energy
Atlantic Power	Utilities
ATLAS AIR WORLDWIDE HLDGS INC	Industrials
ATMOS ENERGY CORP	Utilities

Americas (AMER) Region

Company Name	Sector
AVANGRID INC	Utilities
AVIS BUDGET GROUP INC	Industrials
AVISTA CORP	Utilities
AZUL SA	Industrials
BAKER HUGHES CO	Energy
BANK OF AMERICA CORP	Financials
BARNES GROUP INC	Industrials
BARRICK GOLD CORP	Materials
BAYTEX ENERGY CORP	Energy
BERKSHIRE HATHAWAY INC	Financials
BERRY GLOBAL GROUP INC	Materials
BLACK HILLS CORP	Utilities
BLOOM ENERGY CORPORATION	Industrials
BOEING CO	Industrials
BRASKEM SA	Materials
BROOKFIELD BUSINESS PARTNERS LP	Industrials
BROOKFIELD INFRASTRUCTURE PARTNERS LP	Utilities
BUNGE LTD	Consumer Staples
CABOT CORP	Materials
CABOT OIL & GAS CORP	Energy
CANADIAN NATURAL RESOURCES LTD	Energy
CANADIAN NTL RAIL CO	Industrials
CANADIAN PACIFIC RAILWAY LTD	Industrials
CANADIAN UTILITIES LTD	Utilities
CANFOR CORP	Materials
CAP SA	Materials
CAPITAL ONE FIN CORP	Financials
CAPITAL POWER CORP	Utilities
CARLISLE CO INC	Industrials
CARNIVAL CORP	Consumer Discretionary
CARPENTER TECH CORP	Materials
CATERPILLAR INC	Industrials
CELANESE CORP	Materials
CEMENTOS ARGOS SA	Materials
CEMEX SAB DE CV	Materials
CENCOSUD SA	Consumer Staples
CENOVUS ENERGY INC	Energy
CENTERPOINT ENERGY INC	Utilities
CENTRAIS ELETRICAS BRASILEIRAS SA	Utilities
CENTURY ALUMINUM CO.	Materials
CENTURYLINK INC	Communication Services
CF INDUSTRIES HOLDINGS INC	Materials
CHEMOURS COMPANY	Materials

Americas (AMER) Region

Company Name	Sector
CHENIERE ENERGY INC	Energy
CHESAPEAKE ENERGY CORP	Energy
CHEVRON CORP	Energy
CIMAREX ENERGY CO.	Energy
CITIGROUP INC	Financials
CLEAN HARBORS INC	Industrials
CLEVELAND-CLIFFS INC	Materials
CMS ENERGY CORP	Utilities
CNX RESOURCES CORP	Energy
COCA-COLA CO	Consumer Staples
COLBUN SA	Utilities
COLGATE-PALMOLIVE CO	Consumer Staples
COMCAST CORPORATION	Communication Services
COMMERCIAL METALS COMPANY	Materials
COMPANHIA DE SANEAMENTO BASICO DO ESTADO DE SAO PAULO SABESP	Utilities
COMPANHIA SIDERURGICA NACIONAL	Materials
CONCHO RESOURCES INC	Energy
CONOCOPHILLIPS	Energy
CONSOL ENERGY INC	Energy
CONSOLIDATED EDISON INC	Utilities
CONTINENTAL RESOURCES INC	Energy
CONTROLADORA VUELA COMPANIA DE AVIACION SAB DE CV	Industrials
CORNING INC	Information Technology
CORTEVA INC	Materials
COSAN SA INDUSTRIA E COMERCIO	Energy
COSTCO WHSLE CORP	Consumer Staples
COVANTA HOLDING CORP	Industrials
CRESCENT POINT ENERGY CORP	Energy
CSX CORP	Industrials
CUMMINS INC	Industrials
CVR ENERGY INC	Energy
DARLING INGREDIENTS INC	Consumer Staples
DELEK US HOLDINGS INC	Energy
DELTA AIR LINES INC	Industrials
DEVON ENERGY CORPORATION	Energy
DIAMOND OFFSHORE DRILLING INC.	Energy
DIAMONDBACK ENERGY INC	Energy
DIGITAL REALTY	Real Estate
DOMINION ENERGY INC	Utilities
DOMTAR CORP	Materials
DOW INC	Materials

Americas (AMER) Region

Company Name	Sector
DRIL-QUIP INC	Energy
DTE ENERGY COMPANY	Utilities
DUKE ENERGY CORP	Utilities
DUPONT DE NEMOURS INC	Materials
EAGLE MATERIALS INC	Materials
EASTMAN CHEMICAL COMPANY	Materials
ECOLAB INC	Materials
ECOPETROL SA	Energy
EDISON INTL	Utilities
EDP ENERGIAS DO BRASIL SA	Utilities
EMERA INCORPORATED	Utilities
EMPRESAS CMPC SA	Materials
EMPRESAS COPEC	Energy
ENBRIDGE INC	Energy
ENEL AMERICAS SA	Utilities
ENEL CHILE SA	Utilities
ENERGISA SA	Utilities
ENERGY TRANSFER LP	Energy
ENEVA SA	Utilities
ENGIE BRASIL ENERGIA SA	Utilities
ENGIE ENERGIA CHILE SA	Utilities
ENLINK MIDSTREAM LLC	Energy
ENTERGY CORP	Utilities
EOG RESOURCES INC	Energy
EQT CORP	Energy
EQUATORIAL ENERGIA SA	Utilities
EQUINIX INC	Real Estate
EVERGY INC	Utilities
EVERSOURCE ENERGY	Utilities
EXELON CORPORATION	Utilities
EXXON MOBIL CORP	Energy
FEDEX CORP	Industrials
FIRST QUANTUM MINERALS LTD	Materials
FIRSTENERGY CORP	Utilities
FLUOR CORP	Industrials
FORD MOTOR COMPANY	Consumer Discretionary
FORTIS INC	Utilities
FORUM ENERGY TECHNOLOGIES INC	Energy
FREEMPORT-MCMORAN INC	Materials
FRONTERA ENERGY CORP	Energy
GENERAL ELECTRIC CO	Industrials
GENERAL MOTORS CO	Consumer Discretionary
GERDAU SA	Materials

Americas (AMER) Region

Company Name	Sector
GIBSON ENERGY INC	Energy
GOL LINHAS AEREAS INTELIGENTES S	Industrials
GOODRICH PETRO	Energy
GOODYEAR TIRE & RUBBER CO	Consumer Discretionary
GRAPHIC PACKAGING HOLDING CO	Materials
GREEN PLAINS INC	Energy
GRUPO ARGOS SA	Materials
GRUPO CARSO SAB DE CV	Industrials
GRUPO CEMENTOS DE CHIHUAHUA SAB DE CV	Materials
GRUPO MEXICO SAB DE CV	Materials
HALLIBURTON COMPANY	Energy
HAWAIIAN ELEC INDS INC	Utilities
HAWAIIAN HLDG	Industrials
HCA HEALTHCARE INC	Health Care
HELMERICH AND PAYNE INC	Energy
HESS CORPORATION	Energy
HILTON WORLDWIDE HOLDINGS INC	Consumer Discretionary
HOLLYFRONTIER CORP	Energy
HOME DEPOT INC	Consumer Discretionary
HONEYWELL INTERNATIONAL INC	Industrials
HORMEL FOODS CORP	Consumer Staples
HOWMET AEROSPACE INC	Industrials
HUNTSMAN	Materials
HUSKY ENERGY INC	Energy
IA FINANCIAL CORPORATION INC	Financials
IDACORP INC	Utilities
ILLINOIS TOOL WORKS INC	Industrials
IMPERIAL OIL LTD	Energy
INDUSTRIAS PENOLES SAB DE CV	Materials
INFRAESTRUCTURA ENERGETICA NOVA SAB DE CV	Utilities
INGREDION INC	Consumer Staples
INTEL CORP	Information Technology
INTL PAPER CO	Materials
JB HUNT TRANSPORT SERVICES INC	Industrials
JBS SA	Consumer Staples
JETBLUE AIRWAYS CORP	Industrials
JPMORGAN CHASE & CO	Financials
KAISER ALUMINUM CORPORATION	Materials
KANSAS CITY SOUTHERN	Industrials
KEYCORP	Financials
KEYERA CORP	Energy
KIMBERLY-CLARK CORPORATION	Consumer Staples
KINDER MORGAN INC	Energy

Americas (AMER) Region

Company Name	Sector
KINROSS GOLD CORP	Materials
KIRBY CORP	Industrials
KNIGHT-SWIFT TRANSPORTATION HOLDINGS INC	Industrials
KRAFT HEINZ CO	Consumer Staples
KROGER CO	Consumer Staples
LAREDO PETROLEUM INC	Energy
LATAM AIRLINES GROUP SA	Industrials
LIBERTY OILFIELD SERVICES INC	Energy
LOCKHEED MARTIN CORPORATION	Industrials
LOMA NEGRA CIASA	Materials
LOWES COMPANIES INC	Consumer Discretionary
LUZ DEL SUR SA	Utilities
MAGELLAN MIDSTREAM PARTNERS LP	Energy
MARATHON OIL CORP	Energy
MARATHON PETROLEUM CORP	Energy
MARRIOTT INTERNATIONAL INC	Consumer Discretionary
MARTIN MARIETTA MATERIALS INC	Materials
MATSON INC	Industrials
MDU RESOURCES GROUP INC	Utilities
MEG ENERGY CORP	Energy
METALURGICA GERDAU SA	Materials
METHANEX CORP	Materials
METLIFE INC	Financials
MGE ENERGY INC.	Utilities
MICRON TECHNOLOGY INC	Information Technology
MICROSOFT CORP	Information Technology
MOHAWK IND INC	Consumer Discretionary
MONDELEZ INTERNATIONAL INC	Consumer Staples
MOSAIC CO	Materials
MURPHY OIL CORP	Energy
NACCO INDS INC	Energy
NATIONAL FUEL GAS CO	Utilities
NEWMONT CORPORATION	Materials
NEXTERA ENERGY INC	Utilities
NISOURCE INC.	Utilities
NOBLE ENERGY INC	Energy
NORFOLK SOUTHERN CORPORATION	Industrials
NORTHERN OIL AND GAS INC	Energy
NORTHLAND POWER INC	Utilities
NORTHWESTERN CORP	Utilities
NORWEGIAN CRUISE LINE HOLDINGS LTD	Consumer Discretionary
NRG ENERGY INC	Utilities
NUCOR CORP	Materials

Americas (AMER) Region

Company Name	Sector
NUSTAR ENERGY L.P.	Energy
NUTRIEN LTD	Materials
OASIS PETROLEUM INC	Energy
OCCIDENTAL PETROLEUM CORPORATION	Energy
OCEANEERING INTL INC.	Energy
OGE ENERGY CORPORATION	Utilities
O-I GLASS INC	Materials
OLIN CORP	Materials
ON SEMICONDUCTOR CORP	Information Technology
ONEOK INC	Energy
ONEX CORP	Financials
ORBIA ADVANCE CORPORATION SAB DE CV	Materials
OTTER TAIL CORP	Utilities
OVINTIV INC	Energy
OWENS CORNING	Industrials
PACCAR INC	Industrials
PACKAGING CORP OF AMERICA	Materials
PAMPA ENERGIA SA	Utilities
PAR PACIFIC HOLDINGS INC	Energy
PARAMOUNT RESOURCES LTD	Energy
PARKLAND CORP	Energy
PBF ENERGY INC	Energy
PDC ENERGY INC (DELAWARE)	Energy
PEABODY ENERGY CORP	Energy
PEMBINA PIPELINE CORP	Energy
PEPSICO INC	Consumer Staples
PETROBRAS DISTRIBUIDORA SA	Consumer Discretionary
PETROLEO BRASILEIRO SA PETROBRAS	Energy
PFIZER INC	Health Care
PG&E CORP	Utilities
PHILLIPS 66	Energy
PILGRIMS PRIDE CORP	Consumer Staples
PINNACLE WEST CAPITAL CORPORATION	Utilities
PIONEER NAT RES CO	Energy
PLAINS ALL AMERICAN PIPELINE LP	Energy
PLAINS GP HOLDINGS LP	Energy
PNM RESOURCES INC	Utilities
PORTLAND GENERAL ELECTRIC COMP	Utilities
PPG INDUSTRIES INC	Materials
PPL CORP	Utilities
PROCTER & GAMBLE CO	Consumer Staples
PRUDENTIAL FINANCIAL INC	Financials
PUBLIC SERVICE ENTERPRISE GROUP INCORPORATED	Utilities

Americas (AMER) Region

Company Name	Sector
RANGE RESOURCES CORP	Energy
RAYONIER ADVANCED MATERIALS INC	Materials
RAYTHEON TECHNOLOGIES CORPORATION	Industrials
REGIONS FINANCIAL CORPORATION	Financials
REPUBLIC SERVICES INC	Industrials
RESOLUTE FOREST PRODUCTS	Materials
REX AMERICAN RESOURCES CORP	Energy
ROYAL BANK OF CANADA	Financials
ROYAL CARIBBEAN CRUISES LTD	Consumer Discretionary
RPC INC	Energy
RPM INTERNATIONAL INC	Materials
SANDRIDGE ENERGY INC	Energy
SCHLUMBERGER NV	Energy
SEABOARD CORP	Consumer Staples
SEMPRA ENERGY	Utilities
SILVERBOW RESOURCES INC	Energy
SKYWEST INC	Industrials
SONOCO PRODUCTS COMPANY	Materials
SOUTHERN COMPANY (THE)	Utilities
SOUTHERN COPPER	Materials
SOUTHWEST AIRLINES CO	Industrials
SOUTHWESTERN ENERGY CO	Energy
SPIRIT AIRLINES INC	Industrials
STANLEY BLACK & DECKER INC	Industrials
STEEL DYNAMICS INC	Materials
STERICYCLE INC	Industrials
SUMMIT MATERIALS INC	Materials
SUNCOKE ENERGY INC	Materials
SUNCOR ENERGY INC	Energy
SUZANO SA	Materials
SYSCO CORP	Consumer Staples
TAMARACK VALLEY ENERGY LTD	Energy
TARGA RESOURCES CORP	Energy
TARGET CORPORATION	Consumer Discretionary
TC ENERGY CORP	Energy
TECK RESOURCES LTD	Materials
TESLA INC	Consumer Discretionary
TEXAS INSTRUMENTS INC	Information Technology
TIMKENSTEEL CORP	Materials
TORC OIL & GAS LTD	Energy
TOURMALINE OIL CORP	Energy
TRANSALTA CORPORATION	Utilities
TRANSALTA RENEWABLES INC	Utilities

Americas (AMER) Region

Company Name	Sector
TRANSATLANTIC PETROLEUM LTD	Energy
TRANSDIGM GROUP INC	Industrials
TRONOX HOLDINGS PLC	Materials
TRUIST FINANCIAL CORP	Financials
TYSON FOODS INC	Consumer Staples
UNION ANDINA DE CEMENTOS SAA	Materials
UNION PACIFIC CORPORATION	Industrials
UNITED CONTINENTAL HOLDINGS INC	Industrials
UNITED PARCEL SERVICE INC	Industrials
UNITED RENTALS INC	Industrials
UNITED STATES STEEL CORP	Materials
US BANCORP	Financials
US SILICA HOLDINGS INC	Energy
USINAS SIDERURGICAS DE MINAS GERAIS SA	Materials
VALE SA	Materials
VALERO ENERGY CORP	Energy
VERIZON COMMUNICATIONS INC	Communication Services
VERSO CORP	Materials
VISTRA CORP	Utilities
W&T OFFSHORE	Energy
WAL MART DE MEXICO SAB DE CV	Consumer Staples
WALGREENS BOOTS ALLIANCE INC	Consumer Staples
WALMART INC	Consumer Staples
WALT DISNEY CO	Communication Services
WARRIOR MET COAL LLC	Materials
WASTE CONNECTIONS INC	Industrials
WASTE MANAGEMENT INC	Industrials
WEC ENERGY GROUP INC	Utilities
WEST FRASER TIMBER CO.	Materials
WESTLAKE CHEMICAL CORP	Materials
WESTROCK CO	Materials
WEYERHAEUSER COMPANY	Real Estate
WHITECAP RESOURCES INC	Energy
WHITING PETROLEUM CORP	Energy
WILLIAMS COMPANIES INC	Energy
WORLD FUEL SERV CORP	Energy
WPX ENERGY INC	Energy
XCEL ENERGY INC	Utilities
XPO LOGISTICS INC	Industrials
YPF SA	Energy

Asia-Pacific (APAC) Region

Company Name	Sector
ABOITIZ EQUITY VENTURES INC	Industrials
ABOITIZ POWER	Utilities
ACC LTD	Materials
ADANI ENTERPRISES LTD	Industrials
ADANI POWER LTD	Utilities
ADANI TRANSMISSION LTD	Utilities
ADARO ENERGY TBK PT	Energy
ADBRI LTD	Materials
AEON CO LTD	Consumer Staples
AGL ENERGY LTD	Utilities
AGRICULTURAL BANK OF CHINA	Financials
AGRITRADE RESOURCES LTD	Energy
AIR CHINA	Industrials
AIR NEW ZEALAND LTD	Industrials
AIR WATER INC	Materials
AIRASIA GROUP BHD	Industrials
AISIN SEIKI CO LTD	Consumer Discretionary
AJINOMOTO CO INC	Consumer Staples
ALFA ENERGI INVESTAMA TBK PT	Energy
ALUMINA LTD	Materials
ALUMINUM CORP OF CHINA LTD	Materials
AMBUJA CEMENTS LTD	Materials
ANA HOLDINGS INC	Industrials
ANEKA TAMBANG TBK PT	Materials
ANGANG STEEL CO LTD	Materials
ANHUI CONCH CEMENT CO LTD	Materials
APA GROUP	Utilities
ASAHI GLASS CO LTD	Industrials
ASAHI KASEI CORPORATION	Materials
ASE INDUSTRIAL HOLDING CO LTD	Information Technology
ASIA AVIATION PCL	Industrials
ASIA CEMENT CHINA HOLDINGS CORP	Materials
ASIA CEMENT CORP	Materials
ASIANA AIRLINES	Industrials
AU OPTRONICS CORP	Information Technology
AUSNET SERVICES LTD	Utilities
AUSTRALIA AND NEW ZEALAND BANKING GROUP LTD	Financials
AYALA CORP	Industrials
BAIC MOTOR CORP LTD	Consumer Discretionary
BANK CENTRAL ASIA TBK PT	Financials
BANK OF CHINA LTD	Financials

Asia-Pacific (APAC) Region

Company Name	Sector
BANPU PCL	Energy
BAOSHAN IRON & STEEL CO LTD	Materials
BAOTOU STEEL	Materials
BBMG CORP	Materials
BEACH ENERGY LTD	Energy
BEIJING CAPITAL CO LTD	Utilities
BEIJING ENTERPRISES HOLDINGS LTD	Utilities
BEIJING JINGNENG CLEAN ENERGY CO LTD	Utilities
BEIJING-SHANGHAI HIGH SPEED RAILWAY CO LTD	Industrials
BGRIMM POWER PCL	Utilities
BHARAT PETROLEUM CORPORATION LTD	Energy
BHP GROUP LTD	Materials
BIRLA CORPORATION LTD	Materials
BLUESCOPE STEEL	Materials
BOC HONG KONG HOLDINGS LTD	Financials
BORAL LTD	Materials
BP CASTROL KK	Energy
BRIDGESTONE CORP	Consumer Discretionary
BUKIT ASAM TBK PT	Energy
BUMI RESOURCES TBK PT	Materials
BW LPG LTD	Energy
CANVEST ENVIRONMENTAL PROTECTION GROUP CO LTD	Utilities
CEBU AIR INC	Industrials
CENTRAL JAP RAILWAY CO	Industrials
CESC LTD	Utilities
CGN NEW ENERGY HOLDINGS CO LTD	Utilities
CHANDRA ASRI PETROCHEMICAL TBK PT	Materials
CHINA AIRLINES LTD.	Industrials
CHINA AVIATION OIL (SINGAPORE) CORPORATION LTD	Energy
CHINA COAL ENERGY CO LTD	Energy
CHINA COMMUNICATIONS CONSTRUCTION CO LTD	Industrials
CHINA CONSTRUCTION BANK CORP	Financials
CHINA EASTERN AIRLINES LTD	Industrials
CHINA EVERBRIGHT ENVIRONMENT GROUP LTD	Industrials
CHINA GAS HLDG	Utilities
CHINA GEZHOUBA GROUP CO LTD	Industrials
CHINA HONGQIAO GROUP LIMITED	Materials
CHINA LONGYUAN POWER GROUP CORP	Utilities
CHINA MARINE INFORMATION ELECTRONICS CO LTD	Industrials
CHINA MERCHANTS ENERGY SHIPPING CO LTD	Energy
CHINA METAL RESOURCES UTILIZATION LTD	Materials

Asia-Pacific (APAC) Region

Company Name	Sector
CHINA MOBILE LTD	Communication Services
CHINA NATIONAL BUILDING MATERIAL	Materials
CHINA ORIENTAL GROUP CO LTD	Materials
CHINA PETROCHEM	Materials
CHINA PETROLEUM & CHEMICAL CORP	Energy
CHINA POWER INTERNATIONAL DEVELO	Utilities
CHINA RAILWAY CONSTRUCTION CORP LTD	Industrials
CHINA RAILWAY GROUP LTD	Industrials
CHINA RESOURCES CEMENT HOLDINGS	Materials
CHINA RESOURCES POWER HOLDING CO	Utilities
CHINA SHENHUA	Energy
CHINA SOUTHERN AIRLINES CO LTD	Industrials
CHINA STATE CONSTRUCTION ENGINEERING CORP LTD	Industrials
CHINA STEEL CORPORATION	Materials
CHINA UNICOM HONG KONG LTD	Communication Services
CHINA UNITED NETWORK COMMUNICATIONS LTD	Communication Services
CHUBU ELEC PWR CO INC	Utilities
CHUGOKU ELEC PWR CO INC	Utilities
CHUNG HUNG STEEL CORP	Materials
CIMIC GROUP LTD	Industrials
CITIC LTD	Industrials
CJ CORP	Industrials
CK HUTCHISON HOLDINGS LTD	Industrials
CK INFRASTRUCTURE HOLDINGS LTD	Utilities
CLP HOLDINGS LTD	Utilities
CNOOC ENERGY TECHNOLOGY & SERVICES LTD	Energy
CNOOC LTD	Energy
CNPC CAPITAL CO LTD	Industrials
COAL INDIA	Energy
COLES GROUP LTD	Consumer Staples
COMFORTDELGRO CORP LTD	Industrials
COMMONWEALTH BANK OF AUSTRALIA	Financials
COSCO SHIPPING DEVELOPMENT CO LTD	Industrials
COSCO SHIPPING ENERGY TRANSPORTATION CO LTD	Energy
COSCO SHIPPING HOLDINGS CO LTD	Industrials
COSMO ENERGY HOLDINGS CO LTD	Energy
CP ALL PCL	Consumer Staples
CRRC CORP LTD	Industrials
CSG HOLDING CO LTD	Materials
DAIKIN INDUSTRIES LTD	Industrials
DAIO PAPER CORP	Materials

Asia-Pacific (APAC) Region

Company Name	Sector
DALMIA BHARAT LTD	Materials
DAQIN RAILWAY	Industrials
DATANG INTERNATIONAL POWER GEN	Utilities
DBS GROUP HOLDINGS LTD	Financials
DENKA CO LTD	Materials
DENSO CORP	Consumer Discretionary
DONGFENG MOTOR GROUP CO LTD	Consumer Discretionary
DONGKUK STEEL MILL CO LTD	Materials
EAST JAP RAILWAY CO	Industrials
ELECTRIC PWR DEV CO LTD	Utilities
ELECTRICITY GENERATING PUB CO LTD	Utilities
ENEOS HOLDINGS INC	Energy
ESSO THAILAND PCL	Energy
EVA AIRWAYS CORP	Industrials
EVERGREEN MARINE CORP (TAIWAN) LTD	Industrials
FAR EASTERN NEW CENTURY CORP	Industrials
FAUJI FERTILIZER COMPANY LTD	Materials
FIH MOBILE LTD	Information Technology
FIRST GEN CORP	Utilities
FIRST PACIFIC CO LTD	Financials
FORMOSA CHEM & FIBRE CORP	Materials
FORMOSA PETRO	Energy
FORMOSA PLASTICS CORP	Materials
FORTESCUE METALS	Materials
GAIL INDIA LTD	Utilities
GD POWER DEVELOPMENT CO LTD	Utilities
GENESIS ENERGY LTD	Utilities
GENTING BHD	Consumer Discretionary
GLDN AGRI-RES LTD	Consumer Staples
GLOBAL POWER SYNERGY PCL	Utilities
GODO STEEL LTD	Materials
GRASIM INDUSTRIES LTD	Materials
GS HOLDINGS CORP	Energy
GUANGDONG INVESTMENT LTD	Utilities
GUANGZHOU AUTOMOBILE GROUP CO LT	Consumer Discretionary
HANG SENG BANK LTD	Financials
HANIL CEMENT CO LTD	Materials
HANWHA CORP	Industrials
HANWHA SOLUTIONS CORP	Materials
HBIS CO LTD	Materials
HEIDELBERGCEMENT INDIA LTD	Materials

Asia-Pacific (APAC) Region

Company Name	Sector
HENGAN INTERNATIONAL GROUP COMPANY LTD	Consumer Staples
HENGLI PETROCHEMICAL CO LTD CO LTD	Materials
HENGYI PETROCHEMICAL CO LTD	Materials
HINDALCO INDS LTD	Materials
HINDUSTAN PETROLEUM CORP LTD	Energy
HINDUSTAN ZINC LTD	Materials
HITACHI LTD	Information Technology
HITACHI METALS LTD	Materials
HK AND CHINA GAS	Utilities
HK ELECTRIC INVESTMENTS LTD	Utilities
HMM CO LTD	Industrials
HOKKAIDO ELECTRIC POWER CO INC	Utilities
HOKURIKU ELEC PWR CO	Utilities
HON HAI PRECISION INDUSTRY CO LTD	Information Technology
HONDA MOTOR CO LTD	Consumer Discretionary
HUADIAN POWER INTERNATIONAL CORP	Utilities
HUANENG POWER INTL INC	Utilities
HUAXIN	Materials
HUB POWER COMPANY LTD	Utilities
HUBEI ENERGY GROUP CO LTD	Utilities
HUNAN VALIN STEEL CO LTD	Materials
HYOSUNG ADVANCED MATERIALS CORP	Materials
HYOSUNG CORP	Industrials
HYUNDAI GLOVIS CO LTD	Industrials
HYUNDAI MOTOR CO	Consumer Discretionary
HYUNDAI STEEL CO	Materials
ICICI BANK LIMITED	Financials
IDEMITSU KOSAN	Energy
INCITEC PIVOT LTD	Materials
INDAH KIAT PULP & PAPER TBK PT	Materials
INDIA CEMENT	Materials
INDIAN OIL CORPORATION LTD	Energy
INDIKA ENERGY TBK PT	Energy
INDO TAMBANGRAYA MEGAH TBK PT	Energy
INDOCEMENT TUNGGAL PRAKARSA TBK	Materials
INDONESIA ENERGY CORPORATION LTD	Energy
INDORAMA VENTURES PCL	Materials
INDUSTRIAL AND COMMERCIAL BANK OF CHINA LTD	Financials
INNER MONGOLIA ERDOS RESOURCES CO LTD	Materials
INNER MONGOLIA JUNZHENG ENERGY CHEMICAL CO LTD	Materials
INNER MONGOLIA YITAI COAL CO LTD	Energy

Asia-Pacific (APAC) Region

Company Name	Sector
INNOLUX CORP	Information Technology
INPEX CORP	Energy
INTERGLOBE AVIATION LTD	Industrials
IRPC PCL	Energy
ITC LTD	Consumer Staples
ITOCHU CORPORATION	Industrials
JAPAN AIRLINES CO LTD	Industrials
JFE HOLDINGS INC	Materials
JG SUMMIT HLDGS INC.	Industrials
JIANGSU SHAGANG CO LTD	Materials
JIANGXI COPPER CO LTD	Materials
JINCHUAN GROUP INTERNATIONAL RES	Materials
JINDAL STEEL AND POWER LTD	Materials
JK CEMENT LTD	Materials
JSW ENERGY	Utilities
JSW STEEL	Materials
JUNEYAO AIRLINES CO LTD	Industrials
KANEKA CORP	Materials
KANSAI ELECTRIC POWER CO	Utilities
KAWASAKI KISEN KAISHA LTD	Industrials
KB FINANCIAL GROUP INC	Financials
KCC CORP	Materials
KDHC	Utilities
KENON HOLDINGS LTD	Utilities
KINGBOARD HOLDINGS LTD	Information Technology
KINGFA	Materials
KOBE STEEL LTD	Materials
KOR ELEC PWR CORP	Utilities
KOREA PETROCHEMICAL IND CO LTD	Materials
KOREA ZINC CO LTD	Materials
KOREAN AIR LINES CO LTD	Industrials
KUMHO PETROCHEMICAL CO LTD	Materials
KUNLUN ENERGY COMPANY LTD	Utilities
KURARAY CO LTD	Materials
KYOEI STEEL LTD	Materials
KYUSHU ELEC PWR CO INC	Utilities
LEE & MAN PAPER MANUFACTURING LT	Materials
LG CHEM LTD	Materials
LG CORP	Industrials
LG DISPLAY CO LTD	Information Technology
LG ELECTRONICS INC	Consumer Discretionary

Asia-Pacific (APAC) Region

Company Name	Sector
LOMON BILLIONS GROUP CO LTD	Materials
LOTTE CHEMICAL CORP	Materials
LUCKY CEMENT LTD	Materials
LUXI CHEMICAL GROUP CO LTD	Materials
MAANSHAN IRON & STEEL CO LTD	Materials
MALAKOFF CORPORATION BHD	Utilities
MALAYAN BANKING BHD	Financials
MANGALORE REFINERY AND PETROCHEMICALS LTD	Energy
MANILA ELECTRIC CO	Utilities
MAZDA MOTOR CORPORATION	Consumer Discretionary
METALLURGICAL CN	Industrials
METRO PACIFIC INVESTMENTS CORP	Financials
MIDEA GROUP CO LTD	Consumer Discretionary
MISC BHD	Industrials
MITSUBISHI CHEMICAL HOLDINGS	Materials
MITSUBISHI CORP	Industrials
MITSUBISHI GAS CHEM CO INC	Materials
MITSUBISHI MAT CORP	Materials
MITSUBISHI UFJ FINANCIAL GROUP	Financials
mitsui chemicals inc	Materials
mitsui mining and smelting co ltd	Materials
mitsui osk lines ltd	Industrials
MIZUHO FINANCIAL GROUP INC	Financials
MURATA MANUFACTURING CO LTD	Information Technology
NAKAYAMA STEEL WORKS LTD	Materials
NAN YA PLAS CORP	Materials
NATIONAL AUSTRALIA BANK LTD	Financials
NEWCREST MINING LTD	Materials
NINE DRAGONS PAPER HOLDINGS LTD	Materials
NIPPON ELECTRIC GLASS CO LTD	Information Technology
NIPPON PAPER INDUSTRIES CO LTD	Materials
NIPPON SANSEI HOLDINGS CORP	Materials
NIPPON SHEET GLASS CO LTD	Industrials
NIPPON STEEL CORPORATION	Materials
NIPPON YUSEN KK	Industrials
NISSAN MTR CO LTD	Consumer Discretionary
NISSIN CORP	Industrials
NS UNITED KAIUN KAISHA LTD	Industrials
NTPC	Utilities
NTT CORP	Communication Services
OCI CO LTD	Materials

Asia-Pacific (APAC) Region

Company Name	Sector
OIL AND NATURAL GAS CORPORATION LTD	Energy
OIL SEARCH LTD	Energy
OJI HOLDINGS CORPORATION	Materials
OKINAWA ELECTRIC POWER CO	Utilities
ORICA LTD	Materials
ORIGIN ENERGY LTD	Energy
OSAKA GAS CO LTD	Utilities
OVERSEA-CHINESE BANKING CORPORATION LTD	Financials
PACIFIC BASIN SHIPPING LTD	Industrials
PACIFIC MTLs CO LTD	Materials
PAKISTAN STATE OIL COMPANY LTD	Energy
PANASONIC CORP	Consumer Discretionary
PANGANG GROUP VANADIUM TITANIUM & RESOURCES CO LTD	Materials
PANOCEAN	Industrials
PETROCHINA CO LTD	Energy
PETRON CORP	Energy
PETRONAS CHEMICALS GROUP BHD	Materials
PETRONAS GAS BHD	Utilities
POSCO	Materials
POSCO CHEMTECH CO LTD	Materials
POWER ASSETS HOLDINGS LTD	Utilities
POWER CONSTRUCTION CORPORATION OF CHINA LTD	Industrials
POWER GRID CORPORATION OF INDIA LTD	Utilities
PRESS METAL ALUMINIUM HOLDINGS BHD	Materials
PTT EXPLORATION AND PRODUCTION PCL	Energy
PTT GLOBAL CHEMICAL PCL	Materials
PTT PCL	Energy
QANTAS AIRWAYS LTD	Industrials
RAMCO CEMENTS LTD	Materials
RATCHABURI ELECTRICITY GENERATING HOLDING PCL	Utilities
RELIANCE INDUSTRIES LTD	Energy
RIO TINTO LTD	Materials
RONGSHENG PETROCHEMICAL CO LTD	Materials
S OIL	Energy
SAMCHULLY CO LTD	Utilities
SAMSUNG ELECTRONICS CO LTD	Information Technology
SAN MIGUEL CORP	Industrials
SANSTEEL MINGUANG CO LTD FUJIAN	Materials
SANTOS LTD	Energy
SANYO SPECIAL STEEL CO LTD	Materials
SDIC POWER HOLDINGS CO LTD	Utilities

Asia-Pacific (APAC) Region

Company Name	Sector
SEMBCORP INDUSTRIES	Utilities
SEMEN INDONESIA (PERSERO) TBK PT	Materials
SEMICONDUCTOR MANUFACTURING INTERNATIONAL CORP	Information Technology
SEMIRARA MINING AND POWER CORPORATION	Energy
SEVEN & I HOLDINGS CO LTD	Consumer Staples
SHAANXI COAL INDUSTRY CO LTD	Energy
SHANDONG AIRLINES CO LTD	Industrials
SHANDONG GOLD-MINING CO LTD	Materials
SHANDONG NANSHAN ALUMINIUM CO LTD	Materials
SHANDONG SUN PAPER CO LTD	Materials
SHANGHAI AUTO	Consumer Discretionary
SHANGHAI ELEC	Utilities
SHANXI COKING COAL ENERGY GROUP CO LTD	Energy
SHANXI LUAN ENVIRONMENTAL ENERGY DEV. CO LTD	Energy
SHANXI TAIGANG STAINLESS STEEL CO	Materials
SHANYING INTERNATIONAL HOLDINGS CO LTD	Materials
SHENERGY CO LTD	Utilities
SHENZHEN ENERGY GROUP CO LTD	Utilities
SHIKOKU ELEC POWER CO INC	Utilities
SHIN-ETSU CHEM CO LTD	Materials
SHINHAN FINANCIAL GROUP CO LTD	Financials
SHOWA DENKO KK	Materials
SHREE CEMENT LTD	Materials
SIAM CEMENT PCL	Materials
SIAM CITY CEMENT PCL	Materials
SIME DARBY BHD	Industrials
SIME DARBY PLANTATION BHD	Consumer Staples
SINGAPORE AIRLINES LTD	Industrials
SINGAPORE TELECOMMUNICATIONS LTD	Communication Services
SINOPEC ENGINEERING GROUP CO LTD	Industrials
SINOPEC OILFIELD SERVICE CORP	Energy
SINOPEC SHANGHAI PETROCHEM CO LT	Materials
SITC INTERNATIONAL HOLDINGS CO LTD	Industrials
SK GAS LTD	Energy
SK HYNIX INC	Information Technology
SK INNOVATION CO LTD	Energy
SM INVESTMENTS CORP	Industrials
SM PRIME HLDGS INC.	Real Estate
SOFTBANK CORP	Communication Services
SOUTH32 LTD	Materials
SPRING AIRLINES CO LTD	Industrials

Asia-Pacific (APAC) Region

Company Name	Sector
STEEL AUTHORITY OF INDIA LTD	Materials
SUBARU CORP	Consumer Discretionary
SUMITOMO CHEMICAL CO LTD	Materials
SUMITOMO ELEC INDUSTRIES LTD	Consumer Discretionary
SUMITOMO METAL MNG CO LTD	Materials
SUMITOMO MITSUI FIN GRP INC	Financials
SUMITOMO OSAKA CEMENT CO LTD	Materials
SUN ART RETAIL GROUP LTD	Consumer Staples
SUZUKI MOTOR CORP	Consumer Discretionary
SWIRE PACIFIC LTD	Real Estate
TA CHEN	Materials
TAIHEIYO CEMENT CORP	Materials
TAIWAN CEMENT CORP	Materials
TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD	Information Technology
TANGSHAN JIDONG CEMENT CO LTD	Materials
TANGSHAN SANYOU CHEMICAL INDUSTR	Materials
TATA CHEMICALS LTD	Materials
TATA MOTORS LTD	Consumer Discretionary
TATA POWER COMPANY LTD	Utilities
TATA STEEL LTD	Materials
TDK CORPORATION	Information Technology
TEIJIN LTD	Materials
TENAGA NASIONAL BERHAD	Utilities
THAI AIRWAYS	Industrials
THAI OIL PCL	Energy
TOHOKU ELECTRIC POWER COMPANY INCORPORATED	Utilities
TOKUYAMA CORP	Materials
TOKYO ELECTRIC POWER COMPANY HOLDINGS INC	Utilities
TOKYO GAS CO LTD	Utilities
TOKYO STEEL MANU CO LTD	Materials
TONGLING NONFERROUS METALS GROUP CO LTD	Materials
TOP GLOVE CORPORATION BHD	Health Care
TORAY INDUSTRIES INC	Materials
TORRENT POWER LTD	Utilities
TOSOH CORP	Materials
TOWNGAS CHINA COMPANY LTD	Utilities
TOYO SEIKAN GROUP HOLDINGS LTD	Materials
TOYOTA MTR CORP	Consumer Discretionary
TPI POLENE PCL-NVDR	Materials
UBE INDUSTRIES LTD/JAPAN	Materials
ULTRATECH CE	Materials

Asia-Pacific (APAC) Region

Company Name	Sector
UNITED MICROELECTRONICS CORP	Information Technology
UNITED OVERSEAS BK LTD	Financials
UNITED TRACTORS TBK PT	Energy
VEDANTA LTD	Materials
VIVA ENERGY GROUP LTD	Energy
WAN HAI LINES LTD	Industrials
WANHUA CHEMICAL GROUP CO LTD	Materials
WASHINGTON H SOUL PATTINSON AND COMPANY LTD	Energy
WEIQIAO TEXTILE CO LTD	Consumer Discretionary
WESFARMERS LTD	Consumer Discretionary
WEST CHINA CEMENT LTD	Materials
WEST JP RAIL CO	Industrials
WESTPAC BANKING CORP	Financials
WH GROUP LTD	Consumer Staples
WHITEHAVEN COAL LTD	Energy
WILMAR INTERNATIONAL LTD	Consumer Staples
WOODSIDE PETE LTD	Energy
WOOLWORTHS GROUP LTD	Consumer Staples
XINYI SOLAR HOLDINGS LTD	Information Technology
YAMATO KOGYO CO LTD	Materials
YANG MING MARINE TRANSPORT CORP	Industrials
YANZHOU COAL MINING CO LTD	Energy
YFY INC	Materials
YOUNG POONG CORP	Materials
YTL CORPORATION BERHAD	Utilities
YUM CHINA HOLDINGS INC	Consumer Discretionary
YUNNAN TIN CO LTD	Materials
ZHEJIANG ZHENENG ELECTRIC POWER CO LTD	Utilities
ZHONGJIN GOLD CORP LTD	Materials
ZIJIN MINING GRP	Materials

Europe, The Middle East and Africa (EMEA) Region

Company Name	Sector
A2A SPA	Utilities
ABB LTD	Industrials
ACCOR SA	Consumer Discretionary
ACERINOX SA	Materials
ACS ACTIVIDADES DE CONSTRUCCION Y SERVICIOS SA	Industrials
ADECCO GROUP AG	Industrials
AEROFLOT-ROSSIYSKIYE AVIALINII PAO	Industrials
AFK SISTEMA PAO	Communication Services
AGGREKO PLC	Industrials
AIR France-KLM	Industrials
AIRBUS SE	Industrials
ALBIOMA	Utilities
ALLIANZ SE	Financials
ALMARAI COMPANY SJSC	Consumer Staples
ALROSA PJSC	Materials
AMCOR PLC	Materials
ANGLO AMERICAN PLC	Materials
ANGLO PLATINUM LTD	Materials
ANGLOGOLD ASHNTI	Materials
ANHEUSER BUSCH INBEV NV	Consumer Staples
ANTOFAGASTA PLC	Materials
AP MOELLER - MAERSK A/S	Industrials
ARCELORMITTAL	Materials
ARDAGH GROUP SA	Materials
ARKEMA SA	Materials
ASSICURAZIONI GENERALI SPA	Financials
ASSOCIATED BRITISH FOODS PLC	Consumer Staples
ASTRAZENECA PLC	Health Care
ATLANTICA SUSTAINABLE INFRASTRUCTURE PLC	Utilities
AVIVA PLC	Financials
AXA SA	Financials
BANCO BILBAO VIZCAYA ARGENTARIA SA	Financials
BANCO SANTANDER SA	Financials
BARCLAYS PLC	Financials
BASF SE	Materials
BAYER AG	Health Care
BAYERISCHE MOTOREN WERKE AG	Consumer Discretionary
BHP GROUP PLC	Materials
BKW AG	Utilities
BNP PARIBAS SA	Financials
BOUYGUES	Industrials

Europe, The Middle East and Africa (EMEA) Region

Company Name	Sector
BP PLC	Energy
BUZZI UNICEM SPA	Materials
CARNIVAL PLC	Consumer Discretionary
CARREFOUR	Consumer Staples
CASINO GUICHARD PERRACHON SA	Consumer Staples
CEMENTIR HOLDING NV	Materials
CEMEX LATAM HOLDINGS SA	Materials
CENTRICA PLC	Utilities
CEZ AS	Utilities
CIMENTS DU MAROC SA	Materials
COCA-COLA HBC AG	Consumer Staples
COMPAGNIE DE SAINT GOBAIN SA	Industrials
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN SCA	Consumer Discretionary
CONTINENTAL AG	Consumer Discretionary
CONTOURGLOBAL PLC	Utilities
COVESTRO AG	Materials
CREDIT SUISSE GROUP AG	Financials
CRH PLC	Materials
DAIMLER AG	Consumer Discretionary
DAMPSKIBSSELSKABET NORDEN A/S	Industrials
DANGOTE CEMENT PLC	Materials
DANONE SA	Consumer Staples
DEUTSCHE BANK AG	Financials
DEUTSCHE LUFTHANSA AG	Industrials
DEUTSCHE POST AG	Industrials
DEUTSCHE TELEKOM AG	Communication Services
DFDS AS	Industrials
DIAGEO PLC	Consumer Staples
DRAX GROUP PLC	Utilities
DS SMITH PLC	Materials
DSV PANALPINA A/S	Industrials
E.ON SE	Utilities
EASYJET PLC	Industrials
EDISON SPA	Utilities
EDP - ENERGIAS DE PORTUGAL SA	Utilities
ELECTRICITE DE FRANCE SA	Utilities
ELKEM	Materials
ENDESA SA	Utilities
ENEA SA	Utilities
ENEL ROSSIYA PAO	Utilities
ENEL SPA	Utilities

Europe, The Middle East and Africa (EMEA) Region

Company Name	Sector
ENERGA SA	Utilities
ENGIE SA	Utilities
ENI SPA	Energy
ENQUEST PLC	Energy
EQUINOR ASA	Energy
ERAMET SA	Materials
EREGLI DEMIR VE CELIK FABRIKALAR	Materials
ESKOM HOLDINGS SOC LTD	Utilities
ESSITY AB (PUBL)	Consumer Staples
EURONAV NV	Energy
EVN AG	Utilities
EVONIK INDUSTRIES AG	Materials
EVRAZ PLC	Materials
EXOR NV	Financials
EXXARO RESOURCES LTD	Energy
FAURECIA SE	Consumer Discretionary
FEDERAL HYDRO-GENERATING COMPANY RUSHYDRO PAO	Utilities
FERREXPO	Materials
FIAT CHRYSLER AUTOMOBILES NV	Consumer Discretionary
FINNAIR PLC	Industrials
FIRSTGROUP PLC	Industrials
FIRSTRAND LTD	Financials
FOMENTO DE	Industrials
FORTUM OYJ	Utilities
FRESENIUS SE & CO. KGAA	Health Care
GALP ENERGIA SA	Energy
GAZPROM NEFT PAO	Energy
GAZPROM PAO	Energy
GLENCORE PLC	Materials
GMK NORILSKIY NIKEL PAO	Materials
GOLD FIELDS LTD	Materials
GRUPA AZOTY SA	Materials
GRUPA LOTOS SA	Energy
H & M HENNES & MAURITZ AB	Consumer Discretionary
HACI OMER SABANCI HOLDING AS	Financials
HARMONY GOLD MINING COMPANY LTD	Materials
HEIDELBERGCEMENT AG	Materials
HEINEKEN HOLDING NV	Consumer Staples
HEINEKEN NV	Consumer Staples
HENKEL AG & CO KGAA	Consumer Staples
HERA	Utilities

Europe, The Middle East and Africa (EMEA) Region

Company Name	Sector
HOCHTIEF AG	Industrials
HSBC HOLDINGS PLC	Financials
IBERDROLA SA	Utilities
ICL GROUP LTD	Materials
IMERYS S.A.	Materials
IMPALA PLATINUM HOLDINGS LTD	Materials
INDUSTRIA DE DISEÑO TEXTIL SA	Consumer Discretionary
ING GROEP NV	Financials
INTER RAO YEES PAO	Utilities
INTERNATIONAL CONSOLIDATED AIRLINES GROUP SA	Industrials
INTRCONT HOTELS	Consumer Discretionary
IREN SPA	Utilities
JASTRZEBSKA SPOLKA WEGLOWA SA	Materials
JET2 PLC	Industrials
JOHNSON CONTROLS INTERNATIONAL P	Industrials
K&S AG	Materials
KARDEMIR KARABUK DEMIR CELIK SANAYI VE TICARET AS	Materials
KAZ MINERALS PLC	Materials
KGHM POLSKA	Materials
KOC HOLDING	Industrials
KONINKLIJKE AHOLD DELHAIZE NV	Consumer Staples
KONINKLIJKE DSM NV	Materials
KONINKLIJKE PHILIPS NV	Health Care
LAFARGEHOLCIM LTD	Materials
LAIR LIQUIDE SA POUR LETUDE ET LEXPLO DES PROCEDES GEORGES CL	Materials
LANXESS	Materials
LEGAL & GEN GRP PLC	Financials
LENZING AG	Materials
LINDE AG	Materials
LINDE PLC	Materials
LOREAL SA	Consumer Staples
LUBELSKI WEGIEL BOGDANKA SA	Energy
LYONDELLBASELL INDUSTRIES NV	Materials
MAGNITOGORSKIY METALLURGICHESKIY KOMBINAT PAO	Materials
MECHEL PAO	Materials
MOL MAGYAR OLAJES GAZIPARI NYRT	Energy
MONDI PLC	Materials
MOSENERGO PAO	Utilities
MOTOR OIL HELLAS CORINTH REFINERIES SA	Energy

Europe, The Middle East and Africa (EMEA) Region

Company Name	Sector
MUENCHENER RUECKVERSICHERUNGS GESELLSCHAFT AG IN MUENCHEN	Financials
MYTILINEOS SA	Industrials
NATIONAL GRID PLC	Utilities
NATIONAL INDUSTRIALIZATION CO	Materials
NATURGY ENERGY GROUP SA	Utilities
NATWEST GROUP PLC	Financials
NESTE OYJ	Energy
NESTLE SA	Consumer Staples
NK LUKOIL PAO	Energy
NK ROSNEFT PAO	Energy
NOKIA OYJ	Information Technology
NOKIAN TYRES PLC	Consumer Discretionary
NORSK HYDRO ASA	Materials
NORWEGIAN AIR	Industrials
NOVATEK PAO	Energy
NOVOLIPETSK STEEL PAO	Materials
NV BEKAERT SA	Materials
OCI NV	Materials
OGK-2 PAO	Utilities
OIL REFINERIES LTD	Energy
OK RUSAL MKPAO	Materials
OMV	Energy
ORION ENGINEERED CARBONS SA	Materials
ORSTED A/S	Utilities
OUTOKUMPU OYJ	Materials
PEGASUS HAVA TASIMACILIGI AS	Industrials
PENNON GROUP PLC	Utilities
PERNOD-RICARD SA	Consumer Staples
PEUGEOT SA	Consumer Discretionary
PGE POLSKA GRUPA ENERGETYCZNA SA	Utilities
PHOSAGRO PAO	Materials
PIRELLI & C SPA	Consumer Discretionary
POLSKI KONCERN NAFTOWY ORLEN SA	Energy
POLSKIE GORNICTWO NAFTOWE I GAZOWNICTWO SA	Energy
POLYUS PAO	Materials
PORSCHE AUTOMOBIL HOLDING SE	Consumer Discretionary
PRUDENTIAL PLC	Financials
PUBLIC POWER CORPORATION SA	Utilities
QATAR ALUMINUM MANUFACTURING COMPANY QPSC	Materials
QATAR ELECTRICITY AND WATER COMPANY QPSC	Utilities
QATAR FUEL CO	Energy

Europe, The Middle East and Africa (EMEA) Region

Company Name	Sector
RABIGH REFINING AND PETROCHEMICAL COMPANY SJSC	Energy
RALLYE SA	Consumer Staples
RECKITT BENCKISER GROUP PLC	Consumer Staples
RENAULT SA	Consumer Discretionary
REPSOL SA	Energy
RHI MAGNESITA NV	Materials
RIO TINTO PLC	Materials
ROCKWOOL INTERNATIONAL A/S	Industrials
ROLLS-ROYCE HOLDINGS PLC	Industrials
ROYAL DUTCH SHELL PLC	Energy
RWE AG	Utilities
RYANAIR HOLDINGS PLC	Industrials
SAIPEM SPA	Energy
SALZGITTER AG	Materials
SAP SE	Information Technology
SAPPI LTD	Materials
SARAS SPA	Energy
SAS AB	Industrials
SASOL LTD	Materials
SAUDI ARABIAN MINING COMPANY SJSC	Materials
SAUDI ARABIAN OIL CO	Energy
SAUDI BASIC INDUSTRIES CORP	Materials
SAUDI CEMENT CO	Materials
SAUDI ELECTRICITY CO	Utilities
SBM OFFSHORE NV	Energy
SCHNEIDER ELECTRIC SE	Industrials
SEMAPA-SOCIEDADE DE INVESTIMENTO E GESTA	Materials
SEVERSTAL PAO	Materials
SHOPRITE HOLDINGS LTD	Consumer Staples
SIBANYE STILLWATER LTD	Materials
SIEMENS AG	Industrials
SIPCHEM	Materials
SMURFIT KAPPA GROUP PLC	Materials
SNAM SPA	Utilities
SOCIETE GENERALE SA	Financials
SOLVAY SA	Materials
SOUTHERN PROVINCE CEMENT CO SJSC	Materials
SSAB AB	Materials
SSE PLC	Utilities
STANDARD BANK GROUP LTD	Financials
STANDARD CHARTERED PLC	Financials

Europe, The Middle East and Africa (EMEA) Region

Company Name	Sector
STMICROELECTRONICS NV	Information Technology
STORA ENSO OYJ	Materials
SUEZ SA	Utilities
SURGUTNEFTEGAZ PAO	Energy
SWISS RE AG	Financials
TATE & LYLE PLC	Consumer Staples
TATNEFT PAO	Energy
TAURON POLSKA ENERGIA SA	Utilities
TELEFONAKTIEBOLAGET LM ERICSSON	Information Technology
TELEFONICA SA	Communication Services
TENARIS S.A.	Energy
TERNA RETE ELETTRICA NAZIONALE SPA	Utilities
TESCO PLC	Consumer Staples
THYSSENKRUPP AG	Materials
TITAN CEMENT INTERNATIONAL SA	Materials
TOTAL SE	Energy
TRANE TECHNOLOGIES PLC	Industrials
TRANSNEFT PAO	Energy
TRANSOCEAN LTD	Energy
TUI AG	Consumer Discretionary
TURK HAVA YOLLARI	Industrials
TURKIYE PETROL RAFINERILERI AS	Energy
TURKIYE SISE VE CAM FABRIKALARI AS	Industrials
UBS GROUP AG	Financials
UNICREDIT SPA	Financials
UNILEVER PLC	Consumer Staples
UNIPER SE	Utilities
UPM-KYMMENE OYJ	Materials
VALARIS PLC	Energy
VEOLIA ENVIRONNEMENT SA	Utilities
VERBUND	Utilities
VICAT SA	Materials
VINCI SA	Industrials
VODAFONE GROUP PLC	Communication Services
VOESTALPINE AG	Materials
VOLKSWAGEN AG	Consumer Discretionary
VOLVO AB	Industrials
WACKER CHEMIE AG	Materials
WALLENIUS WILHELMSSEN LOGISTICS ASA	Industrials
WIENERBERGER AG	Materials
WIZZ AIR HOLDINGS PLC	Industrials

Europe, The Middle East and Africa (EMEA) Region

Company Name	Sector
WPP PLC	Communication Services
YARA INTERNATIONAL ASA	Materials
YUNIPRO PAO	Utilities
ZURICH INSURANCE GROUP AG	Financials