

IMPORTANT DISCLAIMER

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IMPORTANT DISCLOSURES ([View Historic](#))

As of **August 3rd, 2020**

SG G and/or its affiliates act as market maker or liquidity provider in the equities securities of undefined. (Pre02)

| | |
|------------------------|------------|
| 3i | III.L |
| A.P. Moller-Maersk B | MAERSKb.CO |
| A2A Spa | A2.MI |
| ABB | ABBN.S |
| Abbott Laboratories | ABT.N |
| AbbVie | ABBV.N |
| ABN Amro | ABNd.AS |
| Accenture | ACN.N |
| Acciona | ANA.MC |
| Accor | ACCP.PA |
| Acerinox | ACX.MC |
| Ackermans & van Haaren | ACKB.BR |
| ACS | ACS.MC |
| Adecco | ADEN.S |
| Adevinta | ADEV.OL |
| Adidas | ADSGn.DE |
| ADT Inc | ADT.N |
| Adyen | ADYEN.AS |
| Aedifica | AOO.BR |
| Aegon | AEGN.AS |
| Aena | AENA.MC |
| Aéroports de Paris | ADP.PA |
| AES Corporation | AES.N |
| AG Barr plc | BAG.L |
| Ageas | AGES.BR |
| Agfa-Gevaert Group | AGFB.BR |
| Agora SA | AGOP.WA |
| Ahold Delhaize | AD.AS |
| AIG | AIG.N |
| Air France-KLM | AIRF.PA |
| Air Lease Corporation | AL.N |



SOCIETE GENERALE
Corporate & Investment Banking

| | |
|--------------------------------|-----------|
| Air Liquide | AIRP.PA |
| Air Products | APD.N |
| Airbus Group | AIR.PA |
| Aixtron | AIXGn.DE |
| Aker BP | AKERBP.OL |
| AKTIA BANK | AKTIA.HE |
| AkzoNobel | AKZO.AS |
| Alcoa | HWM.N |
| Alcon | ALCC.S |
| ALD Automotive | ALDA.PA |
| Alior Bank | ALRR.WA |
| Allianz SE | ALVG.DE |
| Allied Irish Banks | AIBG.I |
| Ally Financial | ALLY.N |
| ALMIRALL | ALM.MC |
| Alphabet | GOOGL.OQ |
| Alstom | ALSO.PA |
| Alstria Office REIT-AG | AOXG.DE |
| Altarea Cogedim | IMAF.PA |
| Alten | LTEN.PA |
| Altice Europe NV | ATCA.AS |
| Altice USA | ATUS.N |
| Altria | MO.N |
| Amadeus IT Holding | AMA.MC |
| Amazon | AMZN.OQ |
| AMC ENTERTAINMENT HOLDINGS INC | AMC.N |
| American Electric Power | AEP.N |
| American Express | AXP.N |
| American Tower Corporation | AMT.N |
| Amundi | AMUN.PA |
| Andritz AG | ANDR.VI |
| Anglo American | AAL.L |
| Anheuser-Busch InBev | ABI.BR |
| ANIMA SGR SPA | ANIM.MI |
| Antofagasta | ANTO.L |
| Aperam | APAM.AS |
| Apollo Global Management LLC | APO.N |
| Apple | AAPL.OQ |
| Applus Services | APPS.MC |
| Aptiv PLC | APTV.N |
| ArcelorMittal | MT.AS |
| Archer Daniels Midland | ADM.N |
| Arkema | AKE.PA |
| Arnoldo Mondadori Editore | MOED.MI |
| Aroundtown S.A. | AT1.DE |
| Arrow Electronics | ARW.N |

| | |
|---------------------------|----------|
| Ashmore | ASHM.L |
| ASML | ASML.AS |
| Assa Abloy | ASSAb.ST |
| Assic Generali spa | GASI.MI |
| Associated British Foods | ABF.L |
| ASTM | ATMI.MI |
| AstraZeneca | AZN.L |
| AT&T Inc | T.N |
| Atlantia | ATL.MI |
| Atlas Copco | ATCOa.ST |
| Atos | ATOS.PA |
| Aurubis | NAFG.DE |
| Auto Trader Group | AUTOA.L |
| Autogrill | AGL.MI |
| Automatic Data Processing | ADP.OQ |
| Avast | AVST.L |
| Aveva Group | AVV.L |
| Aviva | AV.L |
| Axa | AXAF.PA |
| AXA Equitable Holdings | EQH.N |
| Azimut Holding | AZMT.MI |
| BAE Systems | BAES.L |
| Baker Hughes a GE Company | BKR.N |
| Baloise | BALN.S |
| BAM GROEP | BAMN.AS |
| Banca MPS | BMPS.MI |
| Banca Popolare di Sondrio | BPSI.MI |
| Banco BPM | BAMI.MI |
| Banco Comercial Portugues | BCP.LS |
| Banco de Sabadell | SABE.MC |
| Banco Santander | SAN.MC |
| Bank Millennium | MILP.WA |
| Bank of America | BAC.N |
| Bank of Georgia | BGEO.L |
| Bank of Ireland | BIRG.I |
| Bank of New York Mellon | BK.N |
| Bank Pekao SA | PEO.WA |
| Bankia | BKIA.MC |
| Bankinter | BKT.MC |
| Barclays | BARC.L |
| Barry Callebaut AG | BARN.S |
| BASF SE | BASFn.DE |
| Bayer AG | BAYGn.DE |
| BBA Aviation | SIGSI.L |
| BBVA | BBVA.MC |
| Beazley | BEZG.L |

| | |
|----------------------------|----------|
| Befimmo | BEFB.BR |
| Beiersdorf | BEIG.DE |
| Best Buy Co. Inc | BBY.N |
| BHP Billiton plc | BHPB.L |
| Bic | BICP.PA |
| Big Yellow Plc | BYG.L |
| Bilfinger | GBFG.DE |
| BioMérieux | BIOX.PA |
| Biotage | BIOT.ST |
| Black Hills Corporation | BKH.N |
| Blackrock Inc. | BLK.N |
| BMW | BMWG.DE |
| BNP Paribas | BNPP.PA |
| Boeing | BA.N |
| Bogdanka | LWBP.WA |
| Boliden | BOL.ST |
| Bonanza Creek Energy Inc | BCEI.N |
| Boston Scientific Corp | BSX.N |
| Bouygues | BOUY.PA |
| BP | BP.L |
| BPER Banca SpA | EMII.MI |
| Bpost SA | BPOST.BR |
| Bravida | BRAV.ST |
| Brenntag | BNRGn.DE |
| Bristol Myers Squibb | BMY.N |
| British American Tobacco | BATS.L |
| British Land | BLND.L |
| Britvic plc | BVIC.L |
| Brunello Cucinelli | BCU.MI |
| BT Group | BT.L |
| Bunge Ltd | BG.N |
| Burberry | BRBY.L |
| Bureau Veritas | BVI.PA |
| Buzzi Unicem | BZU.MI |
| BW Offshore | BWO.OL |
| Cabot Oil & Gas | COG.N |
| CAF | CAF.MC |
| Cairn Energy Plc | CNE.L |
| Caixabank | CABK.MC |
| Campbell Soup | CPB.N |
| Capgemini | CAPP.PA |
| Capital One Financial | COF.N |
| Carlsberg | CARLb.CO |
| Carmila | CARM.PA |
| Carnival Corporation & Plc | CCL.L |
| Carphone Warehouse | DC.L |

| | |
|---------------------------------|----------|
| Carrefour | CARR.PA |
| Carrier Global Corporation | CARR.N |
| Casino | CASP.PA |
| Caterpillar Inc | CAT.N |
| Cattolica Assicurazione | CASS.MI |
| Caverion | CAV1V.HE |
| Ceconomy | CECG.DE |
| Celanese | CE.N |
| Cellnex | CLNX.MC |
| Centamin Plc | CEY.L |
| CenterPoint Energy | CNP.N |
| Central European Media | CETV.OQ |
| Centrica | CNA.L |
| CenturyLink | CTL.N |
| CF Industries Holdings Inc | CF.N |
| CFE | CFEB.BR |
| CGG | GEPH.PA |
| Charter Communications | CHTR.OQ |
| Cheniere Energy, Inc. | LNG.A |
| Chevron | CVX.N |
| Choice Hotels International Inc | CHH.N |
| Chr Hansen | CHRH.CO |
| Christian Dior | DIOR.PA |
| Church & Dwight | CHD.N |
| CIE Automotive | CIEA.MC |
| Cimarex Energy | XEC.N |
| Cincinnati Bell | CBB.N |
| Cisco | CSCO.OQ |
| CIT Group | CIT.N |
| Citigroup | C.N |
| Clariant | CLN.S |
| Clear Channel Outdoor | CCO.N |
| Clorox | CLX.N |
| CLOSE BROTHERSGROUP PLC | CBRO.L |
| CME Group INC | CME.OQ |
| CMS Energy | CMS.N |
| CNP Assurances | CNPP.PA |
| Coach | TPR.N |
| Coca-Cola Hellenic | CCH.L |
| Cofinimmo | COFB.BR |
| Cognizant | CTSH.OQ |
| COLFAX CORP (CFX) | CFX.N |
| Colgate Palmolive | CL.N |
| Colonial | COL.MC |
| Coloplast | COLOb.CO |
| Colruyt | COLR.BR |

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|------------------------------|-----------|
| Comcast Corporation | CMCSA.OQ |
| Comerica | CMA.N |
| Commercial Metals Co | CMC.N |
| Commerzbank | CBKG.DE |
| Compass Group | CPG.L |
| Comstock Resources | CRK.N |
| Concho Resources | CXO.N |
| ConocoPhillips | COP.N |
| Consol Energy Inc | CNX.N |
| Consolidated Edison | ED.N |
| Constellation Brands | STZ.N |
| Continental | CONG.DE |
| Cookson Group | VSVS.L |
| Corning | GLW.N |
| Coty | COTY.N |
| Covestro | 1COV.DE |
| Covivio Hotels | COVH.PA |
| Covivio SA | CVO.PA |
| Crédit Agricole SA | CAGR.PA |
| Credit Suisse | CSGN.S |
| Credito Emiliano | EMBI.MI |
| Credito Valtellinese | PCVI.MI |
| CRH AMERICA INC | CRH.I |
| CRH PLC | CRH.L |
| Croda | CRDA.L |
| Crown Castle International | CCI.N |
| CTT Correios de Portugal | CTT.LS |
| CVR Energy | CVI.N |
| Cyfrowy Polsat | CPS.WA |
| D.R. HORTON, INC. | DHI.N |
| Daily Mail and General Trust | DMGOa.L |
| Daimler | DAIGn.DE |
| Danone | DANO.PA |
| Danske Bank | DANSKE.CO |
| Dassault Aviation | AVMD.PA |
| Dassault Systèmes | DAST.PA |
| Davide Campari-Milano S.p.A. | CPRI.MI |
| Deere & Company | DE.N |
| Delek US Holdings | DK.N |
| Dell Technologies Inc. | DELL.N |
| Delphi Automotive PLC | DLPH.N |
| Derwent London PLC | DLN.L |
| Deutsche Bank AG | DBKGn.DE |
| Deutsche Börse | DB1Gn.DE |
| Deutsche EuroShop | DEQGn.DE |
| Deutsche Lufthansa | LHAG.DE |

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|-------------------------------------|-----------|
| Deutsche Pfandbriefbank | PBBG.DE |
| Deutsche Post AG | DPWGn.DE |
| Deutsche Telekom | DTEGn.DE |
| Deutsche Wohnen AG | DWNG.DE |
| Development Bank Of Singapore (DBS) | DBSM.SI |
| Devon Energy | DVN.N |
| Diageo | DGE.L |
| Dialog Semiconductor | DLGS.DE |
| DIASORIN | DIAS.MI |
| D'Ieteren | IETB.BR |
| Dillard's | DDS.N |
| Discover Financial Services | DFS.N |
| Disney | DIS.N |
| DNB | DNB.OL |
| Dominion | DOMI.MC |
| Dormakaba | DOKA.S |
| Drax | DRX.L |
| Dril-Quip, Inc. | DRQ.N |
| DS SMITH PLC | SMDS.L |
| DSM NV | DSMN.AS |
| DTE Corp | DTE.N |
| Du Pont De Nemours | DD.N |
| Ducommun | DCO.N |
| Dufry | DUFN.S |
| Duke Energy Corp | DUK.N |
| Durr AG | DUEG.DE |
| DWS | DWSG.DE |
| Eagle Pharmaceuticals Inc | EGRX.OQ |
| EasyJet | EZJ.L |
| Eaton Corporation PLC | ETN.N |
| Ebro Puleva | EBRO.MC |
| ECOLAB INC. | ECL.N |
| Edenred | EDEN.PA |
| EDF | EDF.PA |
| Edgewell Personal Care | EPC.N |
| Edison International | EIX.N |
| EDP Renovaveis SA | EDPR.LS |
| Eiffage | FOUG.PA |
| ELECNOR | ENOR.MC |
| Elekta | EKTA.B.ST |
| Eli Lilly | LLY.N |
| Elia | ELI.BR |
| Elior Group | ELIOR.PA |
| Elis | ELIS.PA |
| Elisa | ELISA.HE |
| Eltel | ELTEL.ST |

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|---------------------------|------------|
| Emerson Electric | EMR.N |
| Enagas | ENAG.MC |
| EnBW | EBKG.DE |
| Endesa SA | ELE.MC |
| ENEA | ENAE.WA |
| Enel | ENEI.MI |
| Energa | ENGP.WA |
| Energiean Oil & Gas | ENOG.L |
| Energias de Portugal | EDP.LS |
| Engie | ENGIE.PA |
| Eni | ENI.MI |
| Entergy | ETR.N |
| EOG Resources Inc | EOG.N |
| Eon | EONGn.DE |
| Epiroc | EPIRa.ST |
| EQT Corporation | EQT.N |
| Equinor | EQNR.OL |
| Ericsson | ERICb.ST |
| Erste Group | ERST.VI |
| EssilorLuxottica | ESLX.PA |
| Essity | ESSITYb.ST |
| Estée Lauder | EL.N |
| Etsy Inc | ETSY.OQ |
| Eurazeo | EURA.PA |
| Eurocommercial Properties | SIPFc.AS |
| Eurofins Scientific | EUFI.PA |
| Euromoney | ERM.L |
| Euronext | ENX.PA |
| EUSKALTEL | EKTL.MC |
| Eutelsat | ETL.PA |
| EVN | EVNV.VI |
| Evonik | EVKn.DE |
| Evotec | EVTG.DE |
| Evraz Plc | EVRE.L |
| Exela Technologies Inc | XELA.OQ |
| Exor | EXOR.MI |
| Experian | EXP.N |
| ExxonMobil | XOM.N |
| Facebook | FB.OQ |
| Falck Renewables | AA4.MI |
| Faurecia | EPED.PA |
| FCA | FCHA.MI |
| FCC | FCC.MC |
| FDJ | FDJ.PA |
| Ferguson | FERG.L |
| Ferrovial | FER.MC |

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|-------------------------------------|-----------|
| Financiere de l'Odet | EPMF.PA |
| FINCANTIERI S.P.A | FCT.MI |
| First Horizon National | FHN.N |
| First Solar | FSLR.OQ |
| FirstEnergy | FE.N |
| FIRSTGROUP PLC | FGP.L |
| Fiserv | FISV.OQ |
| Flow Traders | FLOW.AS |
| FLSmidth | FLS.CO |
| Flughafen Zuerich AG | FHZN.S |
| Fnac Darty | FNAC.PA |
| Ford Motor Co | F.N |
| Fortum | FORTUM.HE |
| Forum Energy Technologies | FET.N |
| Fox Corporation | FOXA.OQ |
| Fraport AG | FRAG.DE |
| Freeport-McMoRan Copper & Gold | FCX.N |
| Fresenius Medical Care AG & Co KGAA | FMEG.DE |
| Fresenius SE & Co. KGaA | FREG.DE |
| Fresnillo | FRES.L |
| Fuchs Petrolub | FPEG.DE |
| G4S PLC | GFS.L |
| Galapagos N.V. | GLPG.AS |
| Galp Energia | GALP.LS |
| GAP Inc | GPS.N |
| Gaztransport & Technigaz | GTT.PA |
| GEA Group AG | G1AG.DE |
| Geberit | GEBN.S |
| Gecina | GFCP.PA |
| General Dynamics | GD.N |
| General Electric | GE.N |
| General Mills, Inc. | GIS.N |
| General Motors | GM.N |
| Genfit | GNFT.PA |
| Genmab | GMAB.CO |
| Genworth Financial | GNW.N |
| GEO GROUP | GEO.N |
| Gerresheimer | GXIG.DE |
| Gestamp | GEST.MC |
| Getin Noble Bank | GNB.WA |
| Getinge | GETIb.ST |
| Getlink | GETP.PA |
| Givaudan | GIVN.S |
| Glanbia PLC | GL9.I |
| GlaxoSmithKline | GSK.L |
| Glencore | GLEN.L |

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|-------------------------------|-----------|
| GN Store Nord | GN.CO |
| Godaddy Inc | GDDY.N |
| Goldman Sachs | GS.N |
| Grand City Properties S.A. | GYC.DE |
| Great Portland Estates | GPOR.L |
| Greencore Group plc | GNC.L |
| Grenke AG | GLJn.DE |
| Grifols | GRLS.MC |
| Groupe Bolloré | BOLL.PA |
| Groupe Bruxelles Lambert | GBLB.BR |
| Groupe Seb | SEBF.PA |
| Grupa Azoty | ATTP.WA |
| Grupa Lotos | LTSP.WA |
| H&R Block | HRB.N |
| Halliburton | HAL.N |
| Hammerson | HMSO.L |
| Hannover RE | HNRGn.DE |
| Hapag-Lloyd | HLAG.DE |
| Hartford Financial | HIG.N |
| Hays | HAYS.L |
| HCI Group | HCI.N |
| HeidelbergCement | HEIG.DE |
| Heineken | HEIN.AS |
| Helmerich & Payne Inc | HP.N |
| Helvetia | HELN.S |
| Henkel | HNKG_p.DE |
| Hennes & Mauritz | HMb.ST |
| HERA | HRA.MI |
| Hermes Intl | HRMS.PA |
| Hess Corporation | HES.N |
| Hewlett Packard Enterprise Co | HPE.N |
| Hewlett-Packard Company | HPQ.N |
| Hexagon AB | HEXAb.ST |
| Hexcel | HXL.N |
| Hochtief | HOTG.DE |
| HollyFrontier Corp. | HFC.N |
| Home Depot | HD.N |
| Honeywell International | HON.N |
| HOST HOTELS & RESORTS INC. | HST.N |
| HSBC Holdings PLC | HSBA.L |
| HUB GROUP, INC | HUBG.OQ |
| Hugo Boss | BOSSn.DE |
| IAG | ICAG.L |
| Iberdrola | IBE.MC |
| IBM | IBM.N |
| Icade | ICAD.PA |

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|--------------------------------------|----------|
| Idorsia Ltd | IDIA.S |
| IGD | IGD.MI |
| IGT | IGT.N |
| Iliad | ILD.PA |
| Illinois Tool Works Inc | ITW.N |
| Imerys | IMTP.PA |
| IMI | IMI.L |
| Immofinanz | IMFI.VI |
| Imperial Brands | IMB.L |
| Impregilo | WBD.MI |
| Inchcape | INCH.L |
| Inditex | ITX.MC |
| Indra | IDR.MC |
| Infineon Technologies | IFXGn.DE |
| Informa | INF.L |
| Infrastrutture Wireless Italiane SpA | INWT.MI |
| ING Bank Slaski S.A. | INGP.WA |
| ING Group | INGA.AS |
| Ingenico Group | INGC.PA |
| Ingredion | INGR.N |
| INTER PARFUMS | IPAR.PA |
| Intercontinental Hotels | IHG.L |
| IntercontinentalExchange | ICE.N |
| Interface Inc | TILE.OQ |
| Intermediate Capital Group | ICP.L |
| International Flavors & Fragrances | IFF.N |
| International Paper | IP.N |
| Intertek | ITRK.L |
| Intesa Sanpaolo | ISP.MI |
| Ipsen | IPN.PA |
| Ipsos | ISOS.PA |
| Iren SpA | IREE.MI |
| Iridium Communications | IRDM.OQ |
| ISS A/S | ISS.CO |
| Italgas | IG.MI |
| Italmobiliare | ITMI.MI |
| ITT Corp | ITT.N |
| ITV plc | ITV.L |
| J Sainsbury | SBRY.L |
| JCDecaux | JCDX.PA |
| Johnson & Johnson | JNJ.N |
| JPMorgan Chase & Co. | JPM.N |
| JSW | JSW.WA |
| Julius Baer Group | BAER.S |
| Juniper Networks | JNPR.N |
| Jupiter Fund Management | JUP.L |

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| Just Group | JUSTJ.L |
| JW Nordstrom | JWN.N |
| JYSKE BANK A/S | JYSK.CO |
| K+S | SDFGn.DE |
| Kaufman & Broad | KOF.PA |
| Kazakhmys Plc | KAZ.L |
| KBC | KBC.BR |
| Kering | PRTP.PA |
| Kerry | KYGa.I |
| KeyCorp | KEY.N |
| KGHM | KGH.WA |
| Kimberly-Clark Corporation | KMB.N |
| Kinder Morgan Inc. | KMI.N |
| Kingfisher | KGF.L |
| Kingspan | KSP.I |
| Kinross Gold Corp | K.TO |
| Kion Group | KGX.DE |
| Klépierre | LOIM.PA |
| KNORR BREMSE | KBX.DE |
| KOHL'S | KSS.N |
| Kone | KNEBV.HE |
| Korian | KORI.PA |
| Kosmos Energy | KOS.N |
| KPN | KPN.AS |
| Kraft Heinz | KHC.OQ |
| Kroger | KR.N |
| Krones AG | KRNG.DE |
| Kuehne and Nagel | KNIN.S |
| Lagardère | LAGA.PA |
| Land Securities | LAND.L |
| Lanxess | LXSG.DE |
| Lar Espana | LRES.MC |
| Laredo Petroleum Holdings Inc | LPI.N |
| Lazard Ltd | LAZ.N |
| LEG Immobilien AG | LEGn.DE |
| Legal & General | LGEn.L |
| Legrand | LEGD.PA |
| Lennar | LEN.N |
| Leonardo SpA | LDOF.MI |
| Liberbank | LBK.MC |
| Liberty Global | LBTYA.OQ |
| Lincoln National | LNC.N |
| Linde plc | LIN.N |
| Lindt & Spruengli AG | LISN.S |
| Lloyds Banking Group | LLOY.L |
| Lockheed Martin | LMT.N |

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|-----------------------------|----------|
| Logista | LOG.MC |
| Logitech | LOGN.S |
| London Stock Exchange Group | LSE.L |
| Lonza Group AG | LONN.S |
| L'Oréal | OREP.PA |
| Lowe's | LOW.N |
| Lundbeck | LUN.CO |
| Lundin Energy | LUNE.ST |
| LVMH | LVMH.PA |
| LyondellBasell | LYB.N |
| M6 | MMTP.PA |
| Macerich Co. | MAC.N |
| Macy's | M.N |
| Maire tecnimont | MTCM.MI |
| Maisons du Monde | MDM.PA |
| MAN | MANG.DE |
| Man Group | EMG.L |
| MANITOWOC COMPANY | MTW.N |
| Mapfre | MAP.MC |
| Mapletree Commercial Trust | MACT.SI |
| Marathon Oil | MRO.N |
| Marathon Petroleum Corp. | MPC.N |
| Marks & Spencer | MKS.L |
| Marriott International Inc | MAR.OQ |
| MASMOVILIBERCOM SA | MASM.MC |
| Mastercard Inc | MA.N |
| Mattel | MAT.OQ |
| Maxar Technologies INC | MAXR.N |
| Mbank S.A. | MBK.WA |
| McDonald's | MCD.N |
| McKesson Europe AG | MCK.N |
| MDC Holdings | MDC.N |
| Mediaset | MS.MI |
| Mediaset Espana | TL5.MC |
| Mediobanca Spa | MDBI.MI |
| MEDIOLANUM | BMED.MI |
| Meggitt | MGGT.L |
| Melia Hotels International | MEL.MC |
| Melrose Industries plc | MRON.L |
| Mercialys | MERY.PA |
| Merck and Co Inc. | MRK.N |
| Merck KGaA | MRCG.DE |
| Merlin Properties | MRL.MC |
| MetLife Inc | MET.N |
| Metro AG | B4B.DE |
| Metsa Board | METSB.HE |

| | |
|---------------------------------|-----------|
| Metso | NELES.HE |
| Michael Page | PAGE.L |
| Michelin | MICP.PA |
| MICRON TECHNOLOGY INC. | MU.OQ |
| Microsoft Corporation | MSFT.OQ |
| Midstates Petroleum Company Inc | AMPY.N |
| Molson Coors | TAP.N |
| Moncler | MONC.MI |
| Mondelez International | MDLZ.OQ |
| Morgan Stanley | MS.N |
| Morgan Crucible | MGAMM.L |
| MorphoSys | MORG.DE |
| Mosaic | MOS.N |
| Motorola Inc | MSI.N |
| Motorola Mobility | MMI.N |
| MTU | MTXGn.DE |
| Munich RE | MUVGn.DE |
| Murphy Oil | MUR.N |
| Nabors Industries Ltd | NBR.N |
| National Grid | NG.L |
| National Oilwell Varco | NOV.N |
| Natixis | CNAT.PA |
| Naturgy | NTGY.MC |
| NatWest Group Plc | NWG.L |
| Neinor Homes | HOME.MC |
| Nemetschek | NEKG.DE |
| Neoen | NEOEN.PA |
| Neste | NESTE.HE |
| Nestlé SA | NESN.S |
| Netflix | NFLX.OQ |
| Network International | NETW.L |
| New Residential Investment Corp | NRZ.N |
| Newmont Mining Corporation | NEM.N |
| Nexans | NEXS.PA |
| Nexi | NEXII.MI |
| Nexity | NEXI.PA |
| Next | NXT.L |
| Nextera Energy | NEE.N |
| Nike | NKE.N |
| NISOURCE FINANCE CORP | NI.N |
| NKT A/S | NKT.CO |
| NN GROUP NV | NN.AS |
| Nobina AB | NOBINA.ST |
| Noble Corp | NE.N |
| Noble Energy | NBL.OQ |
| Nokia | NOKIA.HE |

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|----------------------------------|-----------|
| Nordea | NDAFI.HE |
| Nordex | NDXG.DE |
| Norma Group | NOEJ.DE |
| Norsk Hydro | NHY.OL |
| Northrop Grumman | NOC.N |
| Norwegian Air Shuttle | NORR.OL |
| Norwegian Energy Company ASA | NOR.OL |
| NOS | NOS.LS |
| Novartis AG | NOVN.S |
| Novo Nordisk | NOVOB.CO |
| Novozymes A/S | NZYMb.CO |
| Nucor Corp | NUE.N |
| Oasis Petroleum | OAS.OQ |
| Ocado | OCDO.L |
| Occidental Petroleum Corporation | OXY.N |
| Oceaneering International | OII.N |
| OCI | OCI.AS |
| Oerlikon | OERL.S |
| Old Mutual | OMU.L |
| Omnicom Group Incorporated | OMC.N |
| OMV | OMVV.VI |
| OneMain Holding, Inc. | OMF.N |
| OneSavings Bank | OSBO.L |
| Ontex | ONTEX.BR |
| Oracle | ORCL.N |
| Orange | ORAN.PA |
| Orange Belgium | OBEL.BR |
| Orange Polska | OPL.WA |
| Orion Engineered Carbons SA | OEC.N |
| Orpea | ORP.PA |
| Orsted A/S | ORSTED.CO |
| Osram Licht | OSRn.DE |
| Outokumpu | OUT1V.HE |
| OWENS & MINOR, INC | OMI.N |
| Paragon | PAGPA.L |
| Partners Group | PGHN.S |
| Patterson-UTI Energy Inc | PTEN.OQ |
| PBF Energy | PBF.N |
| Peabody Energy | BTU.N |
| Pearson | PERSON.L |
| Pennon Group | PNN.L |
| PepsiCo | PEP.OQ |
| PerkinElmer Inc | PKI.N |
| Pernod Ricard | PERP.PA |
| Petrofac | PFC.L |
| Pfizer | PFE.N |

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| PGNIG | PGN.WA |
| PGS | PGS.OL |
| Philip Morris International | PM.N |
| Philips | PHG.AS |
| Phillips 66 | PSX.N |
| PHN | PHN.WA |
| Pioneer Natural Resources | PXD.N |
| Pitney Bowes | PBI.N |
| PKN Orlen | PKN.WA |
| PKO Bank Polski | PKO.WA |
| PKP Cargo | PKPP.WA |
| Plastic Omnium | PLOF.PA |
| Play Communications SA | PLY.WA |
| PNC Financial | PNC.N |
| Polenergia | PEPP.WA |
| Polo Ralph Lauren Corp | RL.N |
| Polska Grupa Energetyczna | PGE.WA |
| Polymetal International | POLYP.L |
| Porr | ABGV.VI |
| Porsche SE | PSHG_p.DE |
| Poste Italiane Spa | PST.MI |
| PPG Industries | PPG.N |
| PPL Corp | PPL.N |
| Premier Oil | PMO.L |
| Prologis | PLD.N |
| Prosiebensat1 Media | PSMGn.DE |
| Provident Financial | PFG.L |
| Proximus | PROX.BR |
| Prudential | PRU.L |
| Prudential Financial | PRU.N |
| Prysmian SpA | PRY.MI |
| PSA Group | PEUP.PA |
| PSE&G Corp | PEG.N |
| Public Storage | PSA.N |
| Publicis Groupe | PUBP.PA |
| Pulte Group | PHM.N |
| Puma | PUMG.DE |
| PZU | PZU.WA |
| QEP Resources | QEP.N |
| Qiagen | QIA.DE |
| Quadient | QDT.PA |
| Qualcomm Inc | QCOM.OQ |
| Raiffeisen Bank International | RBIV.VI |
| Randstad | RAND.AS |
| Range Resources | RRC.N |
| Ratos | RATOb.ST |

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|---|----------|
| Reckitt Benckiser | RB.L |
| Recro Pharma Inc | REPH.OQ |
| Red Electrica | REE.MC |
| Redes Energeticas Nacionais | RENE.LS |
| Regions Financial | RF.N |
| REINSURANCE GROUP OF AMERICA | RG.A.N |
| Relx NV | REL.AS |
| Relx PLC | REL.L |
| Rémy Cointreau | RCOP.PA |
| Renault | RENA.PA |
| Rentokil Initial | RTO.L |
| Repsol | REP.MC |
| Revlon | REV.N |
| Rexel | RXL.PA |
| Rheinmetall | RHMG.DE |
| Richemont | CFR.S |
| Rightmove | RMV.L |
| Rio Tinto | RIO.L |
| Roche | ROG.S |
| Rockwell Automation | ROK.N |
| Rockwool B | ROCKb.CO |
| Rolls-Royce | RR.L |
| Rotork Plc | ROR.L |
| Royal Caribbean Cruises Ltd | RCL.N |
| Royal Dutch Shell A | RDSa.AS |
| Royal Dutch Shell B | RDSb.L |
| Royal Dutch shell PLC | RDSa.L |
| Royal Mail Group | RMG.L |
| RSA Insurance Group | RSA.L |
| RTL Group | RRTL.DE |
| Rubis | RUBF.PA |
| RWE | RWEG.DE |
| Sacyr | SCYR.MC |
| Safran | SAF.PA |
| Sage Group | SGE.L |
| Saint-Gobain | SJOB.PA |
| Saipem | SPMI.MI |
| Salesforce | CRM.N |
| Salvatore Ferragamo Group | SFER.MI |
| Salzgitter | SZGG.DE |
| Samhallsbyggnadsbolaget I Norden AB (SBB) | SBBb.ST |
| Sampo | SAMPO.HE |
| SandRidge Energy | SD.N |
| Sandvik | SAND.ST |
| Sanofi | SASY.PA |
| Sanok Rubber Company | SNK.WA |

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|----------------------------|-----------|
| Santander Bank Polska SA | SPL1.WA |
| SAP | SAPG.DE |
| Saras | SRS.MI |
| Sartorius AG | SATG_p.DE |
| Sartorius Stedim Biotech | STDM.PA |
| SAS Group | SAS.ST |
| SBM Offshore | SBMO.AS |
| SCA | SCAb.ST |
| Schaeffler | SHA_p.DE |
| Schibsted Media Group | SBSTA.OL |
| Schindler | SCHP.S |
| Schlumberger | SLB.N |
| Schneider | SCHN.PA |
| Schroders | SDR.L |
| Scor | SCOR.PA |
| Scout24 | G24n.DE |
| SEB | SEBa.ST |
| Securitas AB | SECUb.ST |
| Segro PLC | SGRO.L |
| Sempra Energy | SRE.N |
| Senior PLC | SNR.L |
| SES | SESFd.PA |
| Severn Trent | SVT.L |
| SGS | SGSN.S |
| Shaftesbury | SHB.L |
| Sherwin-Williams | SHW.N |
| Shurgard Self-Storage SA | SHUR.BR |
| Siemens | SIEGn.DE |
| Siemens Gamesa RE | SGREN.MC |
| Signet Jewelers Limited | SIG.N |
| Signify | LIGHT.AS |
| Sika AG | SIKA.S |
| Simon Property Group | SPG.N |
| Singapore Airlines Limited | SIAL.SI |
| SIPEF | SIFB.BR |
| Skanska | SKAb.ST |
| SKF | SKFb.ST |
| SM Energy | SM.N |
| Smith & Nephew | SN.L |
| Smiths Group | SMIN.L |
| Smurfit Kappa | SKG.I |
| Snam | SRG.MI |
| SNAP-ON Inc. | SNA.N |
| Société Générale | SOGN.PA |
| Sodexo | EXHO.PA |
| Sofina | SOF.BR |

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|------------------------------|-----------|
| Software AG | SOWGn.DE |
| Soitec | SOIT.PA |
| Solaria | SLRS.MC |
| Solvay SA | SOLB.BR |
| Somfy | DAMA.PA |
| Sonova | SOON.S |
| Sopra Steria Group | SOPR.PA |
| Southern Copper Corporation | SCCO.N |
| Southern Natural Gas Company | SO.N |
| Southwestern Energy | SWN.N |
| Sparebank 1 SMN | MING.OL |
| Sparebank 1 SR | SRBANK.OL |
| Spark Energy | SPKE.OQ |
| Spie | SPIE.PA |
| Spirent | SPT.L |
| Sports Direct | FRAS.L |
| SSAB | SSABb.ST |
| SSE | SSE.L |
| St. James's Place | SJP.L |
| Stabilus | STAB.DE |
| Stadler Rail AG | SRAIL.S |
| Standard Chartered | STAN.L |
| Standard Life Aberdeen Plc | SLA.L |
| STMicroelectronics | STM.PA |
| StoreBrand | STB.OL |
| STRABAG SE | STRV.VI |
| Straumann Holding | STMN.S |
| Subsea 7 | SUBC.OL |
| Suedzucker | SZUG.DE |
| Suez | SEVI.PA |
| Sunpower | SPWR.OQ |
| Svenska Handelsbanken | SHBa.ST |
| Swatch Group | UHR.S |
| Swedbank | SWEDa.ST |
| Swedish Match | SWMA.ST |
| Swiss Life | SLHN.S |
| Swiss RE | SRENH.S |
| Swisscom | SCMN.S |
| Sydbank | SYDB.CO |
| Symrise | SY1G.DE |
| Synchrony Financial | SYF.N |
| TAG Immobilien AG | TEGG.DE |
| TAKEAWAY.COM | TKWY.AS |
| Talanx | TLXGn.DE |
| TalkTalk | TALK.L |
| TALOS ENERGY LLC(talos) | TALO.N |

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|-----------------------------------|----------|
| Target | TGT.N |
| Tate & Lyle plc | TATE.L |
| Tauron | TPE.WA |
| TechnipFMC | FTI.N |
| Teekay Corporation | TK.N |
| Tele2 | TEL2b.ST |
| Telecom Italia Spa | TLIT.MI |
| Telefónica Deutschland Holding AG | O2Dn.DE |
| Telefonica SA | TEF.MC |
| Telekom Austria | TELA.VI |
| Telenet | TNET.BR |
| Telenor AS | TEL.OL |
| Teleperformance | TEPRF.PA |
| Telia Company AB | TELIA.ST |
| Tellurian Inc | TELL.OQ |
| Temenos | TEMN.S |
| Tenaris | TENR.MI |
| Tenet Healthcare | THC.N |
| Terna | TRN.MI |
| Tesco | TSCO.L |
| TESLA INC | TSLA.OQ |
| Tethys Oil AB | TETY.ST |
| TF1 | TFFP.PA |
| Thales | TCFP.PA |
| The Coca-Cola Company | KO.N |
| The Darden Group | DRI.N |
| The Dow Chemical | DOW.N |
| The Hershey Company | HSY.N |
| THE NASDAQ OMX GROUP INC | NDAQ.OQ |
| The Timken Company | TKR.N |
| Thyssenkrupp | TKAG.DE |
| Tiffany & Co | TIF.N |
| Tikehau Capital | TKOO.PA |
| T-Mobile US | TMUS.OQ |
| TNT Post Group | PTNL.AS |
| Tod's SPA | TOD.MI |
| Toll Brothers | TOL.N |
| Total | TOTF.PA |
| TP Icap | TCAPI.L |
| Transocean | RIG.N |
| Traton SE | 8TRA.DE |
| Travelers Inc | TRV.N |
| Travis Perkins | TPK.L |
| Trigano | TRIA.PA |
| Triumph Group | TGI.N |
| Tullow Oil | TLW.L |

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|---------------------------|-----------|
| TURNING POINT BRANDS INC | TPB.N |
| U.S. Bancorp | USB.N |
| UBI Banca | UBI.MI |
| Ubisoft | UBIP.PA |
| UBS AG | UBSG.S |
| UCB | UCB.BR |
| UGI CORP | UGI.N |
| Unibail-Rodamco-Westfield | URW.AS |
| UNICAJA | UNI.MC |
| UniCredit SpA | CRDI.MI |
| Unilever NV | UNA.AS |
| Uniper | UN01.DE |
| Unipol Gruppo | UNPI.MI |
| UnipolSai | US.MI |
| Uniq | UNIQ.VI |
| United Internet | UTDI.DE |
| United Overseas Bank Ltd | UOBH.SI |
| United Parcel Service | UPS.N |
| United Utilities | UU.L |
| UPM-Kymmene | UPM.HE |
| Valeo | VLOF.PA |
| Valero Energy Corp. | VLO.N |
| Vallourec | VLLP.PA |
| Veolia Environnement | VIE.PA |
| Verallia | VRLA.PA |
| Verbund | VERB.VI |
| Verizon | VZ.N |
| Vestas Wind Systems | VWS.CO |
| ViacomCBS Inc | VIACA.OQ |
| Vicat | VCTP.PA |
| Vienna Insurance Group | VIGR.VI |
| Vinci | SGEF.PA |
| Virgin Money UK | VMUK.L |
| Viscofan SA | VIS.MC |
| Vivendi | VIV.PA |
| Vodafone | VOD.L |
| Voestalpine AG | VOES.VI |
| Volkswagen | VOWG_p.DE |
| Volvo | VOLVb.ST |
| Vonovia SE | VNAn.DE |
| Vontobel | VONN.S |
| Vornado Realty | VNO.N |
| W&T Offshore | WTI.N |
| Wabtec | WAB.N |
| Wacker Chemie | WCHG.DE |
| WalMart | WMT.N |

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|------------------------|-----------|
| Warsaw Stock Exchange | GPW.WA |
| Waste Management | WM.N |
| Weir Group | WEIR.L |
| Wells Fargo & Co. | WFC.N |
| Wendel | MWDP.PA |
| Wereldhave | WEHA.AS |
| Western Union | WU.N |
| Whitbread | WTB.L |
| Whiting Petroleum | WLL.N |
| William Demant | DEMANT.CO |
| William Hill | WMH.L |
| Williams Companies | WMB.N |
| Wizz Air | WIZZ.L |
| WM Morrison | MRW.L |
| Wolters Kluwer | WLSNc.AS |
| Workday | WDAY.OQ |
| Worldline | WLN.PA |
| WPP Group | WPP.L |
| WPX Energy | WPX.N |
| Xerox | XRX.N |
| Xylem | XYL.N |
| Yara International | YAR.OL |
| Yum! Brands | YUM.N |
| Zalando | ZALG.DE |
| ZEC KOGENERACJA | KGN.WA |
| Zimmer Biomet | ZBH.N |
| Zurich Insurance Group | ZURN.S |

***SG or its affiliates managed or co-managed in the past 12 months a public offering of securities of:
Please refer to the following (Pre04)***

| | |
|------------------------------|------------|
| 3i | III.L |
| Aabar Investments PJS | nocode0460 |
| Abbott Ireland Financing DAC | nocode0358 |
| Abbott Laboratories | ABT.N |
| AbbVie | ABBV.N |
| Abertis | ABE.MC |
| Accor | ACCP.PA |
| Acea Spa | ACE.MI |
| Achmea | nocode55 |
| ACS | ACS.MC |
| Adobe Inc | ADBE.O |
| AerCap Global Aviation Trust | nocode0307 |
| AerCap Ireland Capital DAC | nocode0306 |
| Aéroports de Paris | ADP.PA |
| AES Corporation | AES.N |
| African Development Bank | nocode788 |

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|---|-------------|
| Agence Francaise de Developpement | nocode746 |
| Agence Francaise Locale | nocode397 |
| Ahold Delhaize | AD.AS |
| AIG | AIG.N |
| Air Lease Corporation | AL.N |
| Airbus Group | AIR.PA |
| Allied Universal Corporation | nocode417 |
| Allied Universal Finance Corp | nocode123 |
| Allied Universal Holdco LLC | nocode0471 |
| Alrosa | ALRS.MM |
| Alstom | ALSO.PA |
| Altarea Cogedim | IMAF.PA |
| Altice Financing SA | nocode0532 |
| Altice France | nocode0322 |
| Amadeus IT Holding | AMA.MC |
| Amazon | AMZN.OQ |
| AMCO Asset Management Company S.p.A. | nocode543 |
| American Honda Finance Corp | nocode104 |
| American Tower Corporation | AMT.N |
| Anadarko Petroleum Corp | APC.N |
| Anheuser-Busch InBev | ABI.BR |
| Anheuser-Busch InBev Worldwide Inc | nocode658 |
| Apollo Global Management LLC | APO.N |
| Aptiv PLC | APTV.N |
| ArcelorMittal | MT.AS |
| Ares Capital Corporation | ARCC.O |
| Arkema | AKE.PA |
| Aroundtown S.A. | AT1.DE |
| Assic Generalispa | GASI.MI |
| ASTM | ATMI.MI |
| AT&T Inc | T.N |
| Atos | ATOS.PA |
| Auchan | AUCH_SG |
| AUSTRALIA AND NEW ZEALAND BANKING GROUP LIMITED | ANZ.AX |
| Autodis | AUTO_SG |
| Autoroutes Paris-Rhin-Rhone | APRR.PA |
| AVIS BUDGET GROUP | CAR.O |
| Avolon Holdings Funding Limited | nocode0403 |
| Axa Bank Europe SCF | nocode0550 |
| AXA HOME LOAN SFH | nocode0473 |
| Azure Power Energy | nocode88819 |
| Azure Power Solar Energy Private Ltd | nocode0452 |
| Banca Del Mezzogiorno | nocode0328 |
| Banca MPS | BMPS.MI |
| BANCA POPOLARE DELL'ALTO ADIGE | nocode325 |
| Banca Popolare di Sondrio | BPSI.MI |

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| Banco BPM | BAMI.MI |
| Banco di Desio e della Brianza | DESI.MI |
| Banco Santander | SAN.MC |
| Banijay Group | nocode994 |
| Bank of America | BAC.N |
| Bank of Ireland | BIRG.I |
| Bank of Montreal | BMO.TO |
| Bank of New York Mellon | BK.N |
| Bank of Nova Scotia | BNS.TO |
| Bankinter | BKT.MC |
| Banque Federative du Credit Mutuel (BFCM) | nocode415 |
| Barclays | BARC.L |
| BASF Finance Europe NV | nocode0565 |
| BASF SE | BASFn.DE |
| Bavarian Sky S.A. | nocode647 |
| BAWAG P.S.K. | nocode0310 |
| BBVA | BBVA.MC |
| Belfius bank | nocode0421 |
| Bertelsmann | BTGGg.F |
| BLACK SEA TRADE AND DEVELOPMENT BANK (BSTDB) | nocode923 |
| Blackstone Holdings Finance Co. L.L.C. | nocode0103 |
| BLACKSTONE PROPERTY PARTNERS EUROPE HOLDINGS SARL | nocode0416 |
| BMW Finance NV | nocode0414 |
| Boeing | BA.N |
| Bolsas y Mercados Españoles | BME.MC |
| Bombardier | BBDb.TO |
| Boston Scientific Corp | BSX.N |
| Bourbon | GPBN.PA |
| Bouygues | BOUY.PA |
| BP | BP.L |
| BP Capital Markets America | nocode0378 |
| BP Capital Markets PLC | nocode9912 |
| Bpifrance Financement S.A. | nocode0413 |
| British American Tobacco | BATS.L |
| Brookfield Finance Inc | nocode549 |
| BT Group | BT.L |
| Budimex | BDMXY.PK |
| Budweiser Brewing Company | nocode0477 |
| Bureau Veritas | BVI.PA |
| CADES (Caisse d'amortissement de la dette sociale) | nocode313 |
| Caisse centrale du crédit immobilier de France | nocode656 |
| Caisse de Refinancement de l'habitat (CRH) | nocode63 |
| Caisse Française de Financement Local | nocode084 |
| Caixa Geral de Depositos | nocode64 |
| Canadian Imperial Bank of Commerce | CM.TO |
| Capgemini | CAPP.PA |

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|---|------------|
| Carlsberg | CARLb.CO |
| Carlyle Finance LLC | nocode0498 |
| Carrefour | CARR.PA |
| Carrefour Banque | nocode91 |
| Carrier Global Corporation | CARR.N |
| Casino | CASP.PA |
| Cassa Depositi e Prestiti | nocode058 |
| Caterpillar Financial Services Corp | nocode327 |
| Caterpillar Inc | CAT.N |
| CBOM Finance | nocode9970 |
| Ceetrus SA | nocode317 |
| Cellnex | CLNX.MC |
| Celtic Resources Holdings Ltd | nocode0483 |
| CEPSA FINANCE | nocode0541 |
| CEZ | CEZP.PR |
| Cheniere Corpus Christi Holdings, LLC | nocode962 |
| Cheniere Energy Partners, L.P. | CQP.A |
| Chevron | CVX.N |
| China Construction Bank Luxembourg Branch | nocode643 |
| China Hongqiao Group Ltd | 1378.HK |
| China Mengniu Dairy Co Ltd | 2319.HK |
| China National Petroleum Corporation | nocode056 |
| CIMB Bank Berhad's | nocode0501 |
| CIR | CIR.MI |
| Citigroup | C.N |
| CM-CIC | nocode365 |
| CNH Industrial | CNHI.N |
| CNOOC | 883.HK |
| CNOOC Finance (2013) Limited | nocode0504 |
| CNP Assurances | CNPP.PA |
| CNPC Global Capital Limited | nocode0571 |
| COFIDE | COFI.MI |
| Cofina SGPS SA | CFN.LS |
| Comcast Corporation | CMCSA.OQ |
| Comstock Resources | CRK.N |
| Constellium | CSTM.N |
| Covestro | 1COV.DE |
| Covivio Hotels | COVH.PA |
| CPI Property Group | O5G.DE |
| Credit Bank of Moscow | CBOM.MM |
| Credit Suisse | CSGN.S |
| Crown Castle International | CCI.N |
| Czech Gas Networks Investments | nocode0540 |
| Daimler | DAIGn.DE |
| Danske Bank | DANSKE.CO |
| Dassault Systèmes | DAST.PA |

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| Dell Bank International | nocode0510 |
| Dell Technologies Inc. | DELL.N |
| Deutsche Bahn Finance GMBH | nocode0533 |
| Deutsche Börse | DB1Gn.DE |
| Deutsche Post AG | DPWGn.DE |
| Development Bank of Kazakhstan | nocode0278 |
| Development Bank Of Singapore (DBS) | DBSM.SI |
| Dexia Credit Local | DCL_SG |
| Discover Bank | nocode0500 |
| Disney | DIS.N |
| Domicil Real Estate AG | nocode0515 |
| Dominion Energy Gas Holdings, LLC | nocode363 |
| DOOSAN INFRACORE CO LTD | 042670.KS |
| DP World | DPWD.L |
| DP World Crescent Limited | nocode0506 |
| Du Pont De Nemours | DD.N |
| EASTERN POWER NETWORKS PLC | nocode0524 |
| Edenred | EDEN.PA |
| EDF | EDF.PA |
| EDP Finance BV | nocode0314 |
| EFSF | nocode733 |
| Eiffage | FOUG.PA |
| Electricity Supply Board | nocode387 |
| Elis | ELIS.PA |
| Emirates NBD | ENBD.DU |
| Enbridge | ENB.TO |
| EnBW | EBKG.DE |
| Endeavor Energy Resources, L.P. | nocode0522 |
| Enel | ENEI.MI |
| Enel Finance International SA | nocode400 |
| Energear Oil & Gas | ENOG.L |
| Energias de Portugal | EDP.LS |
| Engie | ENGIE.PA |
| Eni | ENI.MI |
| ENTERPRISE PRODUCTS OPERATING LP | nocode842 |
| Enterprise Products Partners LP | EPD.N |
| Envea SA | ALTEV.PA |
| Eon | EONGn.DE |
| EP Infrastructure | ENAPHO |
| Eramet | ERMT.PA |
| Erste Group | ERST.VI |
| EssilorLuxottica | ESLX.PA |
| Estée Lauder | EL.N |
| Euroclear Bank | Nocode0288 |
| EUROFIMA | nocode758 |
| Euronext | ENX.PA |

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|---|------------|
| Eustream | nocode010 |
| Evonik | EVKn.DE |
| Experian | EXPN.L |
| EXPERIAN FINANCE PLC | nocode0560 |
| EXPORT IMPORT BANK OF KOREA (KEXIM) | nocode040 |
| ExxonMobil | XOM.N |
| Faurecia | EPED.PA |
| F-Brasile SpA | nocode0489 |
| F-Brasile US LLC | nocode0486 |
| FCA | FCHA.MI |
| FCC Servicios Medio Ambiente Holding SAU | nocode0525 |
| FDJ | FDJ.PA |
| Ferrovial | FER.MC |
| First Quantum Minerals LTD | FM.TO |
| FLEMISH COMMUNITY | FLEMI_CFT |
| Foncière Lyonnaise | FLYP.PA |
| Fondo de Amortizacion del Deficit Electrico | nocode751 |
| Ford Motor Co | F.N |
| Ford Motor Credit company | nocode151 |
| Fresenius Medical Care AG & Co KGAA | FMEG.DE |
| Frey Sa | FREY.PA |
| FS KKR Capital | nocode379 |
| Galp Energia | GALP.LS |
| Gefco SA | nocode0259 |
| General Mills, Inc. | GIS.N |
| General Motors | GM.N |
| GENERAL MOTORS FINANCIAL | nocode9976 |
| German Federal State of Lower Saxony | nocode0004 |
| GFH Financial Group BSC | GFHK.KW |
| Ghelamco Invest N.V | nocode0362 |
| Glencore Finance (Europe) Ltd | nocode0495 |
| GLOBAL PARTNERS LP | GLP.N |
| Grupo Media Capital SGPS SA | MCP.LS |
| Grupo Prisa | PRS.MC |
| Halliburton | HAL.N |
| Hannover RE | HNRGn.DE |
| HBIS Group Co., Ltd | nocode0519 |
| HBIS Group Hong Kong Co., Ltd | nocode0518 |
| Hellenic Republic of Greece | nocode0397 |
| Henkel | HNKG_p.DE |
| Hewlett Packard Enterprise Co | HPE.N |
| Hochtief | HOTG.DE |
| Holcim Finance | nocode0435 |
| Holding d'Infrastructure de Transport (HIT) | nocode90 |
| Home Credit | nocode9997 |
| Honeywell International | HON.N |

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| IBM | IBM.N |
| Icade | ICAD.PA |
| Icade Sante | nocode0503 |
| IDB TRUST SERVICES LTD | nocode678 |
| IGT | IGT.N |
| Iliad | ILD.PA |
| Illuminate Buyer, LLC | nocode0006 |
| IN'LI | nocode495 |
| INDIGO GROUP | nocode0245 |
| Industrial Bank of Korea | nocode793 |
| Ingenico Group | INGC.PA |
| Instituto de Credito Oficial | nocode750 |
| IntercontinentalExchange | ICE.N |
| Intermediate Capital Group | ICP.L |
| International Bank for Reconstruction and Development | nocode762 |
| Intesa Sanpaolo | ISP.MI |
| Invitalia | nocode0329 |
| Iren SpA | IREE.MI |
| ISLAMIC DEVELOPMENT BANK | nocode416 |
| ISS A/S | ISS.CO |
| ISS Finance BV | nocode0572 |
| Italgas | IG.MI |
| JCDecaux | JCDX.PA |
| JPMorgan Chase & Co. | JPM.N |
| Kapla | nocode0520 |
| Kazakhstan Temir Zholy | nocode679 |
| Kering | PRTP.PA |
| Kiloutou | nocode0521 |
| Kinder Morgan Inc. | KMI.N |
| KINGDOM OF SPAIN | nocode541 |
| Klépierre | LOIM.PA |
| Kookmin Bank | 060000.KS |
| Korea Development Bank | nocode789 |
| KOREA HOUSING FINANCE CORPORATION | KHFC_CFT |
| Korea Water Resources | nocode0242 |
| La Banque Postale | RIC_LBP |
| La Poste | LAPST |
| LafargeHolcim | LHN.PA |
| Lagardère | LAGA.PA |
| LAND NRW | nocode0400 |
| Landesbank Hessen Thueringen Girozentrale | LHTGg.F |
| Laredo Petroleum Holdings Inc | LPI.N |
| LB Baden Wurttemberg | LBB_SG |
| Le Belier SA | LBEL.PA |
| Lear Corp. | nocode457832 |
| Leaseplan Corporation NV | nocode128 |

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| LEG Immobilien AG | LEGn.DE |
| Legrand | LEGD.PA |
| Leonardo SpA | LDOF.MI |
| Liberty Global | LBTYA.OQ |
| Linde Finance BV | nocode0570 |
| Loxam | nocode9961 |
| Lukoil | LKOHyq.L |
| LVMH | LVMH.PA |
| Mamoura Diversified Global Holding PJSC | nocode942 |
| Mastercard Inc | MA.N |
| Match Group | MTCH.OQ |
| Matterhorn Telecom Holding SA | nocode033 |
| McDonald's | MCD.N |
| Mediawan SA | MDW.PA |
| Medicrea International SA | ALMED.PA |
| Mediobanca Spa | MDBI.MI |
| Mercialys | MERY.PA |
| Merck and Co Inc. | MRK.N |
| Merck Financial Services | nocode0476 |
| Merck KGaA | MRCG.DE |
| Merlin Properties | MRL.MC |
| MetLife Inc | MET.N |
| MILLENIUM HOTELS REAL ESTATE I SOCIMI | YMHRE.MC |
| Ministry of Finance Montenegro | nocode0547 |
| Ministry of Finance of Saudi Arabia | nocode0474 |
| Ministry of Finance of the People's Republic of China | nocode348 |
| Ministry of Public finance of Romania | nocode201 |
| Mirae Asset Daewoo Co., Ltd | 006800.KS |
| Mitsubishi UFJ Financial Group | 8306.T |
| Mizuho Financial Group | 8411.T |
| MMC Finance Ltd | nocode0511 |
| Mondelez International | MDLZ.OQ |
| Morgan Stanley | MS.N |
| Municipality Finance | nocode 208 |
| Murphy Oil | MUR.N |
| National Grid | NG.L |
| National Grid Electricity Transmission PLC | nocode0497 |
| Naturgy | NTGY.MC |
| Naturgy Finance BV | nocode461 |
| NE Property Cooperatief U.A. | nocode0445 |
| Neoen | NEOEN.PA |
| Neptune Energy Bondco PLC | nocode0463 |
| Nestlé SA | NESN.S |
| NEW EUROPE PROPERTY INVESTMENT ROCKCASTLE (Nepi Rockcastle) | NRP.AS |
| New York Life Insurance | nocode924 |
| Newlat Food | NWLF.MI |

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| NextEra Energy Capital Holdings, Inc. | nocode0513 |
| NGG Finance Plc | nocode0494 |
| NIAGARA MOHAWK POWER | NMK_pb.N |
| Nidda Healthcare Holding GmbH | nocode639 |
| Nomura Holdings Inc | 8604.T |
| Nonghyup Bank | nocode042 |
| NORD/LB Luxembourg Covered Bond Bank | nocode0566 |
| Norilsk Nickel | NKELYq.L |
| Norwegian Cruise Line | NCLH.OQ |
| Novartis Capital Corp | nocode0544 |
| Novelis Corporation | nocode5893 |
| Occidental Petroleum Corporation | OXY.N |
| OCI | OCI.AS |
| OHL | OHL.MC |
| OMERS Administration Corporation | nocode0563 |
| OMV | OMVV.VI |
| OP CORPORATE BANK PLC | nocode00018 |
| OP Mortgage Bank | nocode276 |
| Orbis | ORBS.WA |
| Orpea | ORP.PA |
| Owl Rock Capital Corp | nocode0311 |
| PATTERN ENERGY GROUP | PEGI.O |
| PBF Energy | PBF.N |
| Pennon Group | PNN.L |
| Pernod Ricard | PERP.PA |
| Pfizer | PFE.N |
| Philips | PHG.AS |
| PJSC Chelyabinsk Pipe Plant | nocode0496 |
| PPF Telecom Group B.V | nocode0426 |
| PPG Industries | PPG.N |
| Province of British Columbia | nocode0505 |
| Province of Quebec | nocode0514 |
| Prudential | PRU.L |
| Prudential Financial | PRU.N |
| PSA Group | PEUP.PA |
| PT MEDCO ENERGI INTERNASIONAL TBK | PTGIF.PK |
| PTTEP Canada International Finance Limited | nocode653 |
| PTTEP Treasury Center Company Limited | nocode659 |
| Puma | PUMG.DE |
| Quadient | QDT.PA |
| QVC Inc | nocode051 |
| Raiffeisen Bank International | RBIV.VI |
| RCI BANK AND SERVICES | nocode79 |
| Reliance Holding USA Inc. | nocode0484 |
| Reliance Industries Ltd | RELI.BO |
| Repsol | REP.MC |

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| Repsol International Finance BV | nocode0559 |
| REPUBLIC OF AUSTRIA | nocode972 |
| Republic of Chile | nocode0472 |
| Republic of Cyprus | nocode0523 |
| Republic of Estonia | nocode0564 |
| Republic of Indonesia | INDON_CFT |
| Republic of Ireland | nocode0399 |
| Republic of Kazakhstan | nocode0492 |
| Republic of Portugal | nocode978 |
| Republic of Turkey | nocode642 |
| Rossini S.A.R.L | nocode0372 |
| Royal Bank of Canada | RY.TO |
| Royal Caribbean Cruises Ltd | RCL.N |
| RTE | RTE_SG |
| Rubis | RUBF.PA |
| Rubis Terminal Infra | nocode848 |
| SABLE INTERNATIONAL FINANCE LIMITED | nocode0537 |
| Safran | SAF.PA |
| Saint-Gobain | SGOB.PA |
| Sanofi | SASY.PA |
| Santander Consumer Finance | nocode0470 |
| SAP | SAPG.DE |
| Saudi Arabian Oil Company | 2222.SR |
| Sazka | nocode0232 |
| Schlumberger | SLB.N |
| SCHLUMBERGER FINANCE BV | nocode542 |
| Schneider | SCHN.PA |
| SES | SESFd.PA |
| Shinhan Bank | nocode0491 |
| Simon Property Group | SPG.N |
| Sinopec | 0386.HK |
| SINOPEC GROUP OVERSEAS DEVELOPMENT (2018) LIMITED | nocode0342 |
| Snam | SRG.MI |
| SNCF Mobilités | nocode99665 |
| SNCF RESEAU | nocode745 |
| SOCIETA INIZIATIVE AUTOSTRADALI E SERVIZI – SIAS | SIS.MI |
| Societe du Grand Paris | nocode0357 |
| Sodexo | EXHO.PA |
| Soitec | SOIT.PA |
| STADA Arzneimittel AG | STAGN.H |
| Standard Chartered | STAN.L |
| State Of Belgium | STBEL_CFT |
| State of Latvia | nocode870 |
| STATE OF OMAN | nocode069 |
| Steel Capital SA | nocode819 |
| STMicroelectronics | STM.PA |

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|---|------------|
| Suez | SEVI.PA |
| Sumitomo Corporation | 8053.T |
| Sumitomo Mitsui Financial Group Inc | 8316.T |
| Svenska Handelsbanken | SHBa.ST |
| Synchrony Financial | SYF.N |
| TAKEAWAY.COM | TKWY.AS |
| Taqa | TAQA.AD |
| TCL Technology Group Corporation | 000100.SZ |
| TCL Technology Investment Limited | nocode0569 |
| TechnipFMC | FTI.N |
| Telefónica Deutschland Holding AG | O2Dn.DE |
| Telefonica Europe | nocode0428 |
| Telefonica SA | TEF.MC |
| Terega SA | nocode0410 |
| Terna | TRN.MI |
| TESLA INC | TSLA.OQ |
| Thales | TCFP.PA |
| THE FEDERATION DES CAISSES DESJARDINS DU QUEBEC | nocode0527 |
| The Grand Duchy of Luxembourg | nocode508 |
| The House of Finance NV | nocode507 |
| The Republic of Belarus | nocode651 |
| The Republic of Finland | nocode462 |
| The State Treasury of the Republic of Poland | nocode0427 |
| Three Gorges Finance I (Cayman Islands) Limited | nocode0516 |
| Tikehau Capital | TKOO.PA |
| Titan Cement | TTNr.AT |
| Titan Company Ltd | TITN.NS |
| T-Mobile US | TMUS.OQ |
| Toronto-Dominion Bank | TD.TO |
| Total | TOTF.PA |
| Total Capital International | nocode548 |
| Toyota Finance Australia Limited | nocode0433 |
| Toyota Motor Credit Corporation | nocode861 |
| UBI Banca | UBI.MI |
| Ubisoft | UBIP.PA |
| UBS AG | UBSG.S |
| Unedic | nocode744 |
| Unibail-Rodamco-Westfield | URW.AS |
| UniCredit SpA | CRDI.MI |
| United Parcel Service | UPS.N |
| UPC Financing Partnership | nocode0536 |
| Upjohn Finance | nocode0568 |
| UPL Corporation Limited | nocode0545 |
| Uralkali | URKA.MM |
| URALKALI FINANCE DAC | nocode0402 |
| Vakifbank | VAKBN.IS |

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|----------------------------------|------------|
| Vallourec | VLLP.PA |
| Vattenfall | VATT_SG |
| Veolia Environnement | VIE.PA |
| VEON HOLDINGS B.V. | nocode0493 |
| Verallia | VRLA.PA |
| Virgin Media | VMED.L |
| Virgin Media Finance Plc | nocode662 |
| Virgin Media Finance Secured Plc | nocode423 |
| Vivendi | VIV.PA |
| VodafoneZiggo | ZIGGO.AS |
| Volkswagen | VOWG_p.DE |
| Volvo Treasury AB | nocode0538 |
| Vonovia Finance BV | nocode645 |
| Vonovia SE | VNAn.DE |
| Wabtec | WAB.N |
| Wanda Sports | nocode0453 |
| Warner Music Group Corp | nocode0543 |
| WEA Finance LLC | nocode0351 |
| Wells Fargo & Co. | WFC.N |
| Wintershall Dea Finance BV | nocode399 |
| Worldline | WLN.PA |
| Ziggo BV | nocode652 |

SG or its affiliates have received compensation for investment banking services in the past 12 months from: Please refer to the following (Pre05)

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|-----------------------------------|------------|
| 3i | III.L |
| Aabar Investments PJS | nocode0460 |
| Abbott Ireland Financing DAC | nocode0358 |
| Abbott Laboratories | ABT.N |
| AbbVie | ABBV.N |
| Abertis | ABE.MC |
| Accor | ACCP.PA |
| Acea Spa | ACE.MI |
| Achmea | nocode55 |
| ACS | ACS.MC |
| Adobe Inc | ADBE.O |
| AerCap Global Aviation Trust | nocode0307 |
| AerCap Ireland Capital DAC | nocode0306 |
| Aéroports de Paris | ADP.PA |
| AES Corporation | AES.N |
| African Development Bank | nocode788 |
| Agence Francaise de Developpement | nocode746 |
| Agence Francaise Locale | nocode397 |
| Ahold Delhaize | AD.AS |
| AIG | AIG.N |
| Air Lease Corporation | AL.N |

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|---|-------------|
| Airbus Group | AIR.PA |
| Allied Universal Corporation | nocode417 |
| Allied Universal Finance Corp | nocode123 |
| Allied Universal Holdco LLC | nocode0471 |
| Alrosa | ALRS.MM |
| Alstom | ALSO.PA |
| Altarea Cogedim | IMAF.PA |
| Altice Financing SA | nocode0532 |
| Altice France | nocode0322 |
| Amadeus IT Holding | AMA.MC |
| Amazon | AMZN.OQ |
| AMCO Asset Management Company S.p.A. | nocode543 |
| American Honda Finance Corp | nocode104 |
| American Tower Corporation | AMT.N |
| Anadarko Petroleum Corp | APC.N |
| Anheuser-Busch InBev | ABI.BR |
| Anheuser-Busch InBev Worldwide Inc | nocode658 |
| Apollo Global Management LLC | APO.N |
| Aptiv PLC | APTV.N |
| ArcelorMittal | MT.AS |
| Ares Capital Corporation | ARCC.O |
| Arkema | AKE.PA |
| Aroundtown S.A. | AT1.DE |
| Assic Generali spa | GASI.MI |
| AT&T Inc | T.N |
| Atos | ATOS.PA |
| Auchan | AUCH_SG |
| AUSTRALIA AND NEW ZEALAND BANKING GROUP LIMITED | ANZ.AX |
| Autodis | AUTO_SG |
| Autoroutes Paris-Rhin-Rhone | APRR.PA |
| AVIS BUDGET GROUP | CAR.O |
| Avolon Holdings Funding Limited | nocode0403 |
| Axa Bank Europe SCF | nocode0550 |
| AXA HOME LOAN SFH | nocode0473 |
| Azure Power Energy | nocode88819 |
| Azure Power Solar Energy Private Ltd | nocode0452 |
| Banca Del Mezzogiorno | nocode0328 |
| Banca MPS | BMPS.MI |
| BANCA POPOLARE DELL'ALTO ADIGE | nocode325 |
| Banca Popolare di Sondrio | BPSI.MI |
| Banco BPM | BAMI.MI |
| Banco di Desio e della Brianza | DESI.MI |
| Banco Santander | SAN.MC |
| Banijay Group | nocode994 |
| Bank of America | BAC.N |
| Bank of Ireland | BIRG.I |

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| Bank of Montreal | BMO.TO |
| Bank of New York Mellon | BK.N |
| Bank of Nova Scotia | BNS.TO |
| Bankinter | BKT.MC |
| Banque Federative du Credit Mutuel (BFCM) | nocode415 |
| Barclays | BARC.L |
| BASF Finance Europe NV | nocode0565 |
| BASF SE | BASFn.DE |
| Bavarian Sky S.A. | nocode647 |
| BAWAG P.S.K. | nocode0310 |
| BBVA | BBVA.MC |
| Belfius bank | nocode0421 |
| Bertelsmann | BTGGg.F |
| BLACK SEA TRADE AND DEVELOPMENT BANK (BSTDB) | nocode923 |
| Blackstone Holdings Finance Co. L.L.C. | nocode0103 |
| BLACKSTONE PROPERTY PARTNERS EUROPE HOLDINGS SARL | nocode0416 |
| BMW Finance NV | nocode0414 |
| Boeing | BA.N |
| Boston Scientific Corp | BSX.N |
| Bouygues | BOUY.PA |
| BP | BP.L |
| BP Capital Markets America | nocode0378 |
| BP Capital Markets PLC | nocode9912 |
| Bpifrance Financement S.A. | nocode0413 |
| British American Tobacco | BATS.L |
| Brookfield Finance Inc | nocode549 |
| BT Group | BT.L |
| Budimex | BDMXY.PK |
| Budweiser Brewing Company | nocode0477 |
| Bureau Veritas | BVI.PA |
| CADES (Caisse d'amortissement de la dette sociale) | nocode313 |
| Caisse centrale du crédit immobilier de France | nocode656 |
| Caisse de Refinancement de l'habitat (CRH) | nocode63 |
| Caisse Française de Financement Local | nocode084 |
| Caixa Geral de Depositos | nocode64 |
| Canadian Imperial Bank of Commerce | CM.TO |
| Capgemini | CAPP.PA |
| Carlsberg | CARLb.CO |
| Carlyle Finance LLC | nocode0498 |
| Carrefour | CARR.PA |
| Carrefour Banque | nocode91 |
| Carrier Global Corporation | CARR.N |
| Casino | CASP.PA |
| Cassa Depositi e Prestiti | nocode058 |
| Caterpillar Financial Services Corp | nocode327 |
| Caterpillar Inc | CAT.N |

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| CBOM Finance | nocode9970 |
| Ceetrus SA | nocode317 |
| Cellnex | CLNX.MC |
| Celtic Resources Holdings Ltd | nocode0483 |
| CEPSA FINANCE | nocode0541 |
| Cheniere Corpus Christi Holdings, LLC | nocode962 |
| Cheniere Energy Partners, L.P. | CQP.A |
| Chevron | CVX.N |
| China Construction Bank Luxembourg Branch | nocode643 |
| China Hongqiao Group Ltd | 1378.HK |
| China Mengniu Dairy Co Ltd | 2319.HK |
| China National Petroleum Corporation | nocode056 |
| CIMB Bank Berhad's | nocode0501 |
| Citigroup | C.N |
| CM-CIC | nocode365 |
| CNH Industrial | CNHI.N |
| CNOOC | 883.HK |
| CNOOC Finance (2013) Limited | nocode0504 |
| CNPC Global Capital Limited | nocode0571 |
| Comcast Corporation | CMCSA.OQ |
| Comstock Resources | CRK.N |
| Constellium | CSTM.N |
| Covestro | 1COV.DE |
| Covivio Hotels | COVH.PA |
| CPI Property Group | O5G.DE |
| Credit Bank of Moscow | CBOM.MM |
| Credit Suisse | CSGN.S |
| Crown Castle International | CCI.N |
| Czech Gas Networks Investments | nocode0540 |
| Daimler | DAIGn.DE |
| Danske Bank | DANSKE.CO |
| Dassault Systèmes | DAST.PA |
| Dell Bank International | nocode0510 |
| Dell Technologies Inc. | DELL.N |
| Deutsche Bahn Finance GMBH | nocode0533 |
| Deutsche Börse | DB1Gn.DE |
| Deutsche Post AG | DPWGn.DE |
| Development Bank of Kazakhstan | nocode0278 |
| Development Bank Of Singapore (DBS) | DBSM.SI |
| Dexia Credit Local | DCL_SG |
| Discover Bank | nocode0500 |
| Disney | DIS.N |
| Domicil Real Estate AG | nocode0515 |
| Dominion Energy Gas Holdings, LLC | nocode363 |
| DOOSAN INFRACORE CO LTD | 042670.KS |
| DP World | DPWD.L |

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| DP World Crescent Limited | nocode0506 |
| Du Pont De Nemours | DD.N |
| EASTERN POWER NETWORKS PLC | nocode0524 |
| Edenred | EDEN.PA |
| EDF | EDF.PA |
| EDP Finance BV | nocode0314 |
| EFSF | nocode733 |
| Eiffage | FOUG.PA |
| Electricity Supply Board | nocode387 |
| Elis | ELIS.PA |
| Emirates NBD | ENBD.DU |
| Enbridge | ENB.TO |
| EnBW | EBKG.DE |
| Endeavor Energy Resources, L.P. | nocode0522 |
| Enel | ENEI.MI |
| Enel Finance International SA | nocode400 |
| Energias de Portugal | EDP.LS |
| Engie | ENGIE.PA |
| Eni | ENI.MI |
| ENTERPRISE PRODUCTS OPERATING LP | nocode842 |
| Enterprise Products Partners LP | EPD.N |
| Eon | EONGn.DE |
| EP Infrastructure | ENAPHO |
| Eramet | ERMT.PA |
| Erste Group | ERST.VI |
| EssilorLuxottica | ESLX.PA |
| Estée Lauder | EL.N |
| Euroclear Bank | Nocode0288 |
| EUROFIMA | nocode758 |
| Eustream | nocode010 |
| Evonik | EVKn.DE |
| Experian | EXPN.L |
| EXPERIAN FINANCE PLC | nocode0560 |
| EXPORT IMPORT BANK OF KOREA (KEXIM) | nocode040 |
| ExxonMobil | XOM.N |
| Faurecia | EPED.PA |
| F-Brasile SpA | nocode0489 |
| F-Brasile US LLC | nocode0486 |
| FCA | FCHA.MI |
| FCC Servicios Medio Ambiente Holding SAU | nocode0525 |
| FDJ | FDJ.PA |
| Ferrovial | FER.MC |
| First Quantum Minerals LTD | FM.TO |
| FLEMISH COMMUNITY | FLEMI_CFT |
| Foncière Lyonnaise | FLYP.PA |
| Fondo de Amortizacion del Deficit Electrico | nocode751 |

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|---|------------|
| Ford Motor Co | F.N |
| Ford Motor Credit company | nocode151 |
| Fresenius Medical Care AG & Co KGAA | FMEG.DE |
| Frey Sa | FREY.PA |
| FS KKR Capital | nocode379 |
| Gefco SA | nocode0259 |
| General Mills, Inc. | GIS.N |
| General Motors | GM.N |
| GENERAL MOTORS FINANCIAL | nocode9976 |
| German Federal State of Lower Saxony | nocode0004 |
| GFH Financial Group BSC | GFHK.KW |
| Ghelamco Invest N.V | nocode0362 |
| Glencore Finance (Europe) Ltd | nocode0495 |
| GLOBAL PARTNERS LP | GLP.N |
| Halliburton | HAL.N |
| Hannover RE | HNRGn.DE |
| HBIS Group Co., Ltd | nocode0519 |
| HBIS Group Hong Kong Co., Ltd | nocode0518 |
| Hellenic Republic of Greece | nocode0397 |
| Henkel | HNKG_p.DE |
| Hewlett Packard Enterprise Co | HPE.N |
| Hochtief | HOTG.DE |
| Holcim Finance | nocode0435 |
| Holding d'Infrastructure de Transport (HIT) | nocode90 |
| Home Credit | nocode9997 |
| Honeywell International | HON.N |
| IBM | IBM.N |
| Icade | ICAD.PA |
| Icade Sante | nocode0503 |
| IDB TRUST SERVICES LTD | nocode678 |
| IGT | IGT.N |
| Iliad | ILD.PA |
| Illuminate Buyer, LLC | nocode0006 |
| IN'LI | nocode495 |
| INDIGO GROUP | nocode0245 |
| Industrial Bank of Korea | nocode793 |
| Instituto de Credito Oficial | nocode750 |
| IntercontinentalExchange | ICE.N |
| Intermediate Capital Group | ICP.L |
| International Bank for Reconstruction and Development | nocode762 |
| Intesa Sanpaolo | ISP.MI |
| Invitalia | nocode0329 |
| Iren SpA | IREE.MI |
| ISLAMIC DEVELOPMENT BANK | nocode416 |
| ISS A/S | ISS.CO |
| ISS Finance BV | nocode0572 |

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| Italgas | IG.MI |
| JCDecaux | JCDX.PA |
| Kapla | nocode0520 |
| Kazakhstan Temir Zholy | nocode679 |
| Kering | PRTP.PA |
| Kiloutou | nocode0521 |
| Kinder Morgan Inc. | KMI.N |
| KINGDOM OF SPAIN | nocode541 |
| Klépierre | LOIM.PA |
| Kookmin Bank | 060000.KS |
| Korea Development Bank | nocode789 |
| KOREA HOUSING FINANCE CORPORATION | KHFC_CFT |
| Korea Water Resources | nocode0242 |
| La Banque Postale | RIC_LBP |
| LafargeHolcim | LHN.PA |
| Lagardère | LAGA.PA |
| LAND NRW | nocode0400 |
| Landesbank Hessen Thueringen Girozentrale | LHTGg.F |
| Laredo Petroleum Holdings Inc | LPI.N |
| LB Baden Wurttemberg | LBB_SG |
| Lear Corp. | nocode457832 |
| Leaseplan Corporation NV | nocode128 |
| LEG Immobilien AG | LEGn.DE |
| Legrand | LEGD.PA |
| Leonardo SpA | LDOF.MI |
| Liberty Global | LBTYA.OQ |
| Linde Finance BV | nocode0570 |
| Loxam | nocode9961 |
| Lukoil | LKOHyq.L |
| LVMH | LVMH.PA |
| Mamoura Diversified Global Holding PJSC | nocode942 |
| Mastercard Inc | MA.N |
| Match Group | MTCH.OQ |
| Matterhorn Telecom Holding SA | nocode033 |
| McDonald's | MCD.N |
| Mediobanca Spa | MDBI.MI |
| Mercialys | MERY.PA |
| Merck and Co Inc. | MRK.N |
| Merck Financial Services | nocode0476 |
| Merck KGaA | MRCG.DE |
| Merlin Properties | MRL.MC |
| MetLife Inc | MET.N |
| MILLENIUM HOTELS REAL ESTATE I SOCIMI | YMHRE.MC |
| Ministry of Finance Montenegro | nocode0547 |
| Ministry of Finance of Saudi Arabia | nocode0474 |
| Ministry of Finance of the People's Republic of China | nocode348 |

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| Ministry of Public finance of Romania | nocode201 |
| Mirae Asset Daewoo Co., Ltd | 006800.KS |
| Mitsubishi UFJ Financial Group | 8306.T |
| Mizuho Financial Group | 8411.T |
| MMC Finance Ltd | nocode0511 |
| Mondelez International | MDLZ.OQ |
| Morgan Stanley | MS.N |
| Municipality Finance | nocode 208 |
| Murphy Oil | MUR.N |
| National Grid | NG.L |
| National Grid Electricity Transmission PLC | nocode0497 |
| Naturgy | NTGY.MC |
| Naturgy Finance BV | nocode461 |
| NE Property Cooperatief U.A. | nocode0445 |
| Neoen | NEOEN.PA |
| Neptune Energy Bondco PLC | nocode0463 |
| Nestlé SA | NESN.S |
| NEW EUROPE PROPERTY INVESTMENT ROCKCASTLE (Nepi Rockcastle) | NRP.AS |
| New York Life Insurance | nocode924 |
| Newlat Food | NWLF.MI |
| NextEra Energy Capital Holdings, Inc. | nocode0513 |
| NGG Finance Plc | nocode0494 |
| NIAGARA MOHAWK POWER | NMK_pb.N |
| Nidda Healthcare Holding GmbH | nocode639 |
| Nomura Holdings Inc | 8604.T |
| Nonghyup Bank | nocode042 |
| NORD/LB Luxembourg Covered Bond Bank | nocode0566 |
| Norilsk Nickel | NKELYq.L |
| Norwegian Cruise Line | NCLH.OQ |
| Novartis Capital Corp | nocode0544 |
| Novelis Corporation | nocode5893 |
| Occidental Petroleum Corporation | OXY.N |
| OCI | OCI.AS |
| OHL | OHL.MC |
| OMERS Administration Corporation | nocode0563 |
| OMV | OMVV.VI |
| OP CORPORATE BANK PLC | nocode00018 |
| OP Mortgage Bank | nocode276 |
| Orpea | ORP.PA |
| Owl Rock Capital Corp | nocode0311 |
| PATTERN ENERGY GROUP | PEGI.O |
| PBF Energy | PBF.N |
| Pernod Ricard | PERP.PA |
| Pfizer | PFE.N |
| Philips | PHG.AS |
| PJSC Chelyabinsk Pipe Plant | nocode0496 |

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| PPF Telecom Group B.V | nocode0426 |
| PPG Industries | PPG.N |
| Province of British Columbia | nocode0505 |
| Province of Quebec | nocode0514 |
| Prudential | PRU.L |
| Prudential Financial | PRU.N |
| PSA Group | PEUP.PA |
| PT MEDCO ENERGI INTERNASIONAL TBK | PTGIF.PK |
| PTTEP Canada International Finance Limited | nocode653 |
| PTTEP Treasury Center Company Limited | nocode659 |
| Puma | PUMG.DE |
| Quadiant | QDT.PA |
| QVC Inc | nocode051 |
| Raiffeisen Bank International | RBIV.VI |
| RCI BANK AND SERVICES | nocode79 |
| Reliance Industries Ltd | RELI.BO |
| Repsol | REP.MC |
| Repsol International Finance BV | nocode0559 |
| REPUBLIC OF AUSTRIA | nocode972 |
| Republic of Chile | nocode0472 |
| Republic of Cyprus | nocode0523 |
| Republic of Estonia | nocode0564 |
| Republic of Indonesia | INDON_CFT |
| Republic of Ireland | nocode0399 |
| Republic of Kazakhstan | nocode0492 |
| Republic of Portugal | nocode978 |
| Republic of Turkey | nocode642 |
| Rossini S.A.R.L | nocode0372 |
| Royal Bank of Canada | RY.TO |
| Royal Caribbean Cruises Ltd | RCL.N |
| RTE | RTE_SG |
| Rubis | RUBF.PA |
| Rubis Terminal Infra | nocode848 |
| Safran | SAF.PA |
| Saint-Gobain | SGOB.PA |
| Sanofi | SASY.PA |
| Santander Consumer Finance | nocode0470 |
| SAP | SAPG.DE |
| Saudi Arabian Oil Company | 2222.SR |
| Sazka | nocode0232 |
| Schlumberger | SLB.N |
| SCHLUMBERGER FINANCE BV | nocode542 |
| Schneider | SCHN.PA |
| SES | SESFd.PA |
| Shinhan Bank | nocode0491 |
| Sinopec | 0386.HK |

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|---|-------------|
| SINOPEC GROUP OVERSEAS DEVELOPMENT (2018) LIMITED | nocode0342 |
| Snam | SRG.MI |
| SNCF Mobilités | nocode99665 |
| SNCF RESEAU | nocode745 |
| Societe du Grand Paris | nocode0357 |
| Sodexo | EXHO.PA |
| Soitec | SOIT.PA |
| STADA Arzneimittel AG | STAGN.H |
| Standard Chartered | STAN.L |
| State Of Belgium | STBEL_CFT |
| State of Latvia | nocode870 |
| STATE OF OMAN | nocode069 |
| Steel Capital SA | nocode819 |
| STMicroelectronics | STM.PA |
| Suez | SEVI.PA |
| Sumitomo Corporation | 8053.T |
| Sumitomo Mitsui Financial Group Inc | 8316.T |
| Svenska Handelsbanken | SHBa.ST |
| Synchrony Financial | SYF.N |
| TAKEAWAY.COM | TKWY.AS |
| Taqa | TAQA.AD |
| TCL Technology Group Corporation | 000100.SZ |
| TCL Technology Investment Limited | nocode0569 |
| Telefonica Europe | nocode0428 |
| Telefonica SA | TEF.MC |
| Terna | TRN.MI |
| TESLA INC | TSLA.OQ |
| Thales | TCFP.PA |
| THE FEDERATION DES CAISSES DESJARDINS DU QUEBEC | nocode0527 |
| The Grand Duchy of Luxembourg | nocode508 |
| The House of Finance NV | nocode507 |
| The Republic of Belarus | nocode651 |
| The Republic of Finland | nocode462 |
| The State Treasury of the Republic of Poland | nocode0427 |
| Three Gorges Finance I (Cayman Islands) Limited | nocode0516 |
| Tikehau Capital | TKOO.PA |
| Titan Cement | TTNr.AT |
| Titan Company Ltd | TITN.NS |
| T-Mobile US | TMUS.OQ |
| Toronto-Dominion Bank | TD.TO |
| Total | TOTF.PA |
| Total Capital International | nocode548 |
| Toyota Finance Australia Limited | nocode0433 |
| Toyota Motor Credit Corporation | nocode861 |
| UBI Banca | UBI.MI |
| Ubisoft | UBIP.PA |

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| UBS AG | UBSG.S |
| Unedic | nocode744 |
| Unibail-Rodamco-Westfield | URW.AS |
| UniCredit SpA | CRDI.MI |
| United Parcel Service | UPS.N |
| Upjohn Finance | nocode0568 |
| UPL Corporation Limited | nocode0545 |
| Uralkali | URKA.MM |
| URALKALI FINANCE DAC | nocode0402 |
| Vakifbank | VAKBN.IS |
| Vallourec | VLLP.PA |
| Vattenfall | VATT_SG |
| Veolia Environnement | VIE.PA |
| VEON HOLDINGS B.V. | nocode0493 |
| Verallia | VRLA.PA |
| Virgin Media | VMED.L |
| Virgin Media Finance Plc | nocode662 |
| Virgin Media Finance Secured Plc | nocode423 |
| Vivendi | VIV.PA |
| VodafoneZiggo | ZIGGO.AS |
| Volkswagen | VOWG_p.DE |
| Volvo Treasury AB | nocode0538 |
| Vonovia Finance BV | nocode645 |
| Vonovia SE | VNAn.DE |
| Wabtec | WAB.N |
| Wanda Sports | nocode0453 |
| Warner Music Group Corp | nocode0543 |
| WEA Finance LLC | nocode0351 |
| Wells Fargo & Co. | WFC.N |
| Wintershall Dea Finance BV | nocode399 |
| Worldline | WLN.PA |
| Ziggo BV | nocode652 |

***As per European Regulation, SG discloses that stable holdings owned by the Group Société Générale exceed the threshold of 0,5% of the total issued share capital of:
Please refer to the following (Pre013)***

| | |
|------------------------------|------------|
| ALD Automotive | ALDA.PA |
| BRD | ROBRD.BX |
| BURSA DE VALORI BUCURESTI SA | caveat1025 |
| Carmila | CARM.PA |
| Covivio Hotels | COVH.PA |
| EQDOM | EQDM.CS |
| Euronext | ENX.PA |
| Frey Sa | FREY.PA |
| Komerčni Banka | BKOM.PR |

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| Rosbank | ROSB.MM |
| Selectirente S.A | SELER.PA |
| Société Générale de Banques en cote d'Ivoire | nocode856 |
| Societe Generale Ghana | nocode863 |
| Union International de Banques | UIB.CS |

***As per European Regulation, SG discloses that trading net long positions owned by the Group Société Générale exceed the threshold of 0,5% of the total issued share capital of :
Please refer to the following (Pre014)***

***per European Regulation, SG discloses that trading net short positions owned by the Group Société Générale exceed the threshold of 0,5% of the total issued share capital of:
Please refer to the following (Pre15)***

SG and/or its affiliates act as market maker or liquidity provider in the debt securities of undefined.

Please refer to the following (Pre16)

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|---|-------------|
| 2I RETE GAS | nocode371 |
| A2A Spa | A2.MI |
| Aareal Bank | ARLG.DE |
| ABANCA CORP BANCARIA SA | nocode00015 |
| Abbey National plc | ABBY.L |
| Abbott Laboratories | ABT.N |
| AbbVie | ABBV.N |
| Abertis | ABE.MC |
| ABN Amro | ABNd.AS |
| Accor | ACCP.PA |
| Acea Spa | ACE.MI |
| Achmea | nocode55 |
| ACS | ACS.MC |
| ACS Servicios Comunicaciones y Energia SA | nocode675 |
| ADO Properties | ADJ.DE |
| Aer lingus | AERL.L |
| AERCAP HOLDINGS NV | AER.N |
| Aéroports de Paris | ADP.PA |
| AG Insurance | nocode0430 |
| Ageas | AGES.BR |
| Ahold Delhaize | AD.AS |
| AIG | AIG.N |
| Air Liquide | AIRP.PA |
| Air Products | APD.N |
| Airbus Group | AIR.PA |
| Airgas | ARG.N |
| Akelius | nocode0557 |
| AkzoNobel | AKZO.AS |
| Albioma | ABIO.PA |
| ALD Automotive | ALDA.PA |

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| Alleanza Assicurazioni | ALZI.MI |
| Alliance & Leicester | ALLL.L |
| Alliander NV | nocode023 |
| Allianz SE | ALVG.DE |
| Allied Domecq | ALLD.L |
| Allied Irish Banks | AIBG.I |
| Ally Financial | ALLY.N |
| Alstria Office REIT-AG | AOXG.DE |
| Altadis | ALT.MC |
| Altarea Cogedim | IMAF.PA |
| Altice Europe NV | ATCA.AS |
| Altice Finco SA | nocode673 |
| Altice France | nocode0322 |
| Altice International | nocode062 |
| Altran Technologies | ALTT.PA |
| Altria | MO.N |
| Amazon | AMZN.OQ |
| AMCO Asset Management Company S.p.A. | nocode543 |
| America Movil SAB de CV | AMXL.MX |
| American General Finance | AGF_SG |
| American Honda Finance Corp | nocode104 |
| American Tower Corporation | AMT.N |
| American Water Works | AWK.N |
| AMS AG | nocode612 |
| Amundi | AMUN.PA |
| Anglo American | AAL.L |
| Anheuser-Busch InBev | ABI.BR |
| Anheuser-Busch InBev Worldwide Inc | nocode658 |
| Apple | AAPL.OQ |
| Aptiv PLC | APTV.N |
| AQUALIA | nocode232 |
| Arcelor S.A. (Lor.Pa) | nocode95 |
| ArcelorMittal | MT.AS |
| Arcelormittal Mines Canada | nocode533 |
| Archer Daniels Midland | ADM.N |
| Ardagh Group | ARDG_SG |
| Aroundtown S.A. | AT1.DE |
| Arval | nocode7721 |
| Assic Generali spa | GASI.MI |
| ASSICURAZIONI GENERALI | nocode00027 |
| Atalian | nocode600 |
| Atos | ATOS.PA |
| Auchan | AUCH_SG |
| Aufeminin.com | OFMN.PA |
| Autodis | AUTO_SG |
| Autogrill | AGL.MI |

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| Autopistas Metropolitanas de Puerto Rico | nocode702 |
| Autoroutes du Sud de la France (Vinci) | nocode9971 |
| Autoroutes Paris-Rhin-Rhone | APRR.PA |
| Autostrade Per L'Italia SPA | nocode754 |
| Aviva | AV.L |
| Avnet | AVT.N |
| AW Billiton 2 | AWBLT_SG |
| Axa | AXAF.PA |
| AXA BANK Belgium | nocode9986 |
| Axa Banque France | nocode671 |
| AXA HOME LOAN SFH | nocode0473 |
| Balder | nocode0558 |
| Banca Nazionale del Lavoro | BANI.MI |
| Banca Popolare di Milano | PMII.MI |
| Banca Popolare di Verona | nocode58 |
| Banca Popolare di Vicenza | nocode373 |
| Banco CAM | CAM.MC |
| Banco Comercial Portugues | BCP.LS |
| Banco de Credito Local de Espana | nocode110 |
| Banco de Sabadell | SABE.MC |
| Banco de Valencia | BVA.MC |
| Banco Pastor | PAS.MC |
| Banco Popular | POP.MC |
| Banco Portugues de Investimento | BBPI.LS |
| Banco Santander | SAN.MC |
| Banco Santander Totta | nocode9973 |
| Banijay Group | nocode994 |
| Bank Deutsches Kraftfahrzeuggewerbe (BDK) | nocode369 |
| Bank Gospodarki Krajowej | nocode118 |
| Bank of America | BAC.N |
| Bank of China Ltd | 601988.SS |
| Bank of Ireland | BIRG.I |
| Bank of Montreal | BMO.TO |
| Bank of Tokyo Mitsubishi | nocode044 |
| Bank Westfaelische Landschaft Bodenkreditbank | nocode576 |
| Bankia | BKIA.MC |
| Bankinter | BKT.MC |
| Banque Accord | nocode105 |
| Banque Federative du Credit Mutuel (BFCM) | nocode415 |
| Banque PSA | nocode60 |
| Barclays | BARC.L |
| BASF SE | BASFn.DE |
| Bawag | BAWA.AS |
| BAWAG P.S.K. | nocode0310 |
| Bayer AG | BAYGn.DE |
| BBVA | BBVA.MC |

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| Belfius bank | nocode0421 |
| Bertelsmann | BTGGg.F |
| BG Group | BG.L |
| BHF KLEINWORT BENSON | BHFKB.BR |
| BHP Billiton plc | BHPB.L |
| Biostime International Holdings Ltd | 1112.HK |
| Blackstone | BX.N |
| Blackstone Holdings Finance Co. L.L.C. | nocode0103 |
| BLUE SKYVIEW | nocode845 |
| BMW | BMWG.DE |
| BMW Australia Limited | nocode159 |
| BNP Paribas | BNPP.PA |
| BNP PARIBAS CARDIF | nocode872 |
| Boeing | BA.N |
| Boston Scientific Corp | BSX.N |
| Boursorama | FMTX.PA |
| Bouygues | BOUY.PA |
| BP | BP.L |
| BP Capital Markets PLC | nocode9912 |
| BP MIDSTREAM PARTNERS | nocode1000 |
| BPCE | BPCE.FR |
| BPVN | BPVN.MI |
| BRD | ROBRD.BX |
| British Airways | BAY.L |
| British American Tobacco | BATS.L |
| Broadcom Inc | BRCM.OQ |
| Brooklyn Union Gas | nocode273 |
| BT Group | BT.L |
| Budimex | BDMXY.PK |
| Bulgari | BULG.MI |
| CADES (Caisse d'amortissement de la dette sociale) | nocode313 |
| Caixabank | CABK.MC |
| Caja de Ahorros Minicipal de Burgos | nocode66 |
| Canadian Imperial Bank of Commerce | CM.TO |
| Canadian Natural Resources | CNQ.TO |
| Canal+ France | Nocode001 |
| Canal+ SA | CNLP.PA |
| Capgemini | CAPP.PA |
| Capitalia | CPTA.MI |
| Cardety | CARD.PA |
| Carlsberg | CARLb.CO |
| Carmila | CARM.PA |
| Carrefour | CARR.PA |
| Carrefour Banque | nocode91 |
| Carrefour Property | CARPD.PA |
| Carrier Global Corporation | CARR.N |

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| Casino | CASP.PA |
| Catalunya Caixa | CC_SG |
| Caterpillar Financial Services Corp | nocode327 |
| Caterpillar Inc | CAT.N |
| CDC | nocode747 |
| Ceetrus SA | nocode317 |
| Celanese | CE.N |
| Central European Media | CETV.OQ |
| Centrale del Latte d'Italia SpA | CLII.MI |
| Centrica | CNA.L |
| CenturyLink | CTL.N |
| CEZ | CEZP.PR |
| CFF Recycling | CFFP.PA |
| Cheniere Corpus Christi Holdings, LLC | nocode962 |
| Cheniere Energy Partners LP Holdings, LLC | CQH.A |
| Cheung Kong Infrastructure Holdings LTD | 1038.HK |
| Chevron | CVX.N |
| China Construction Bank Corp | 0939.HK |
| China Construction Bank Europe | nocode9993 |
| China Construction Bank Luxembourg Branch | nocode643 |
| China Development Bank | nocode097 |
| China State Shipbuilding Corporation | nocode027 |
| CHINA THREE GORGES CORPORATION (CTG) | nocode263 |
| Ciments Français | CMFP.PA |
| CIMIC | CIM.AX |
| Cintra | CCIT.MC |
| Cisco | CSCO.OQ |
| CIT Group | CIT.N |
| Citigroup | C.N |
| Clear Channel Outdoor | CCO.N |
| Club Med | CMIP.PA |
| CMA CGM | nocode333 |
| CM-CIC | nocode365 |
| CNH Industrial | CNHI.N |
| CNH Industrial Finance Europe SA | nocode634 |
| CNOOC | 883.HK |
| CNOOC Finance (2013) Limited | nocode0504 |
| Cnova | CNV.OQ |
| CNP Assurances | CNPP.PA |
| COBRA GESTION E INFRAESTRUCTURAS | nocode0168 |
| Coca-Cola European Partners | CCEP.AS |
| Coca-Cola Hellenic | CCH.L |
| CODEIS SECURITIES | nocode037 |
| Cofidis | RIC_COF |
| Cofiroute (Vinci) | COFI_SG |
| Comcast Corporation | CMCSA.OQ |

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|---|-------------|
| Comdirect Bank | CDBG.DE |
| Commerzbank | CBKG.DE |
| Compagnie de Financement Foncier | nocode53 |
| Compagnie des Alpes | CDAF.PA |
| Compagnie Financiere du Credit Mutuel | nocode75 |
| Companhia Brasileira de Distribuição | PCAR3.SA |
| Compania Espanola de Petroleos | nocode326 |
| Compania General de Electricidad | CGE.CI |
| Compass Group | CPG.L |
| Computer Sciences Corp | CSC.N |
| Constellium | CSTM.N |
| Continental | CONG.DE |
| Continental Resources | CLR.N |
| Corio | COR.AS |
| CORUS GROUP | CS.L |
| Cosco Pacific | 1199.HK |
| COSMOTE | COSr.AT |
| Covivio Hotels | COVH.PA |
| Covivio SA | CVO.PA |
| Credit Agricole Assurances | nocode631 |
| Credit Agricole Group | CRDA.FA |
| Crédit Agricole SA | CAGR.PA |
| Credit Agricole SFH | nocode003 |
| CREDIT DU NORD | nocode00019 |
| Crédit du nord | nocode350 |
| Credit Logement | CRLOG.PA |
| Credit Mutuel Nord Europe | nocode0823 |
| Credit Suisse | CSGN.S |
| CRH AMERICA INC | CRH.I |
| CRH PLC | CRH.L |
| CRITERIA CAIXAHOLDING | nocode070 |
| Crown Castle International | CCI.N |
| CSC Holdings LLC | nocode764 |
| CSSC (Hong Kong) Shipping Company Limited | 3877.HK |
| D.R. HORTON, INC. | DHI.N |
| Daimler | DAIGn.DE |
| Daimler Chrysler Japan Holding LTD | nocode97 |
| Daimler Finance North America LLC | nocode54 |
| Danica Pension Livsforsikrings | nocode49 |
| Danone | DANO.PA |
| Danske Bank | DANSKE.CO |
| DEA DEUTSCHE ERDOEL | nocode9980 |
| Delhaize | DELB.BR |
| Dell | DELL.O |
| Delphi Automotive PLC | DLPH.N |
| Delta Lloyd Group | DLL.AS |

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| Deltacredit Bank | nocode045 |
| Derichebourg | DBG.PA |
| Deutsche Bahn | DBB_SG |
| Deutsche Bank AG | DBKGn.DE |
| DEUTSCHE GENOSSENSCHAFTS-HYPOTHEKENBANK AG | nocode100 |
| Deutsche Post AG | DPWGn.DE |
| Deutsche Postbank | DPBGn.DE |
| Deutsche Telekom | DTEGn.DE |
| Deutsche Wohnen AG | DWNG.DE |
| Development Bank Of Singapore (DBS) | DBSM.SI |
| Devon Energy | DVN.N |
| Diageo | DGE.L |
| Direct Energie SA | DIREN.PA |
| Disney | DIS.N |
| DNB | DNB.OL |
| Dolphin Energy | nocode198 |
| DOOSAN INFRACORE CO LTD | 042670.KS |
| DSM NV | DSMN.AS |
| Durr AG | DUEG.DE |
| DVB Bank | DVBG.F |
| EASTERN POWER NETWORKS PLC | nocode0524 |
| ECOLAB INC. | ECL.N |
| Edenred | EDEN.PA |
| EDF | EDF.PA |
| EDP Finance BV | nocode0314 |
| EDP Renovaveis SA | EDPR.LS |
| Eiffage | FOUG.PA |
| EIR | nocode0145 |
| Eircom Finance DAC | nocode654 |
| El Paso Corp | EP.N |
| EL Paso Energy Partners | EPB.N |
| Electricity Supply Board | nocode387 |
| ELECTRONICS FOR IMAGING, INC | EFII.O |
| Eli Lilly | LLY.N |
| Elia | ELI.BR |
| Elis | ELIS.PA |
| Elisa | ELISA.HE |
| EMC Corp | EMC.N |
| Emirates Global Aluminum | nocode945 |
| Enagas | ENAG.MC |
| EnBW | EBKG.DE |
| Endesa SA | ELE.MC |
| Enel | ENEI.MI |
| Enel Finance International SA | nocode400 |
| Enel Green Power | EGPW.MI |
| Energa | ENGP.WA |

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| Energias de Portugal | EDP.LS |
| Enexis | nocode843 |
| Engie | ENGIE.PA |
| Engie EPS | EPS.PA |
| Eni | ENI.MI |
| Eon | EONGn.DE |
| EP Energy A.S. | nocode041 |
| EP Holding | nocode091 |
| EP Infrastructure | ENAPHO |
| Equinor | EQNR.OL |
| EQUINOX GOLD CORP | EQX.V |
| Erste Group | ERST.VI |
| Essent | ESSE_SG |
| Essity | ESSITYb.ST |
| Eureko | Eureko_SG |
| EURIS | nocode655 |
| Euro Bank | nocode683 |
| Euroclear Bank | Nocode0288 |
| Eurohypo | EHYG.F |
| EuroHypo AG | RHYG.F |
| Euronext | ENX.PA |
| Europcar Mobility Group | EUCAR.PA |
| EUROSIC | ESIC.PA |
| Eustream | nocode010 |
| Evonik | EVKn.DE |
| Exor | EXOR.MI |
| Expedia INC | EXPE.O |
| Experian | EXP.N |
| Export Development Canada (EDC) | nocode377 |
| EXPORT IMPORT BANK OF KOREA (KEXIM) | nocode040 |
| ExxonMobil | XOM.N |
| F&C Asset Management | FCAM.L |
| Faurecia | EPED.PA |
| FCA | FCHA.MI |
| FCC | FCC.MC |
| FCC Servicios Medio Ambiente Holding SAU | nocode0525 |
| Ferrari NV | RACE.N |
| Ferrovial | FER.MC |
| Financiere de l'Odet | EPMF.PA |
| Finatis | LINP.PA |
| Fiserv | FISV.OQ |
| Fnac Darty | FNAC.PA |
| Foncière Développement Logements | FODL.PA |
| Fonciere Euris | LOEX.PA |
| Foncière Lyonnaise | FLYP.PA |
| Fondo de Amortizacion del Deficit Electrico | nocode751 |

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| Fonterra | FSF.NZ |
| Ford Credit Europe Bank | nocode897 |
| Ford Motor Co | F.N |
| Ford Motor Credit company | nocode151 |
| Fortis Bank Nederland (Holding) N.V. | nocode126 |
| Fortum | FORTUM.HE |
| Franfinance | nocode803 |
| Fresenius Medical Care AG & Co KGAA | FMEG.DE |
| Fresenius SE & Co. KGaA | FREG.DE |
| Friends Life | FLG.L |
| Galp Energia | GALP.LS |
| GAP Inc | GPS.N |
| Garanti Bank | GARAN.IS |
| Gaztransport & Technigaz | GTT.PA |
| Gecina | GFCP.PA |
| GEELY AUTOMOBILE HOLDINGS LT | 0175.HK |
| General Mills, Inc. | GIS.N |
| General Motors | GM.N |
| GENERAL MOTORS FINANCIAL | nocode9976 |
| Genworth Financial | GNW.N |
| Gestamp | GEST.MC |
| Givaudan | GIVN.S |
| Glencore | GLEN.L |
| GMAC | GMAC_SG |
| Golden Star Resources Ltd | GSC.TO |
| Goldman Sachs | GS.N |
| Grand City Properties S.A. | GYC.DE |
| Grifols | GRLS.MC |
| Groupama | nocode9967 |
| Groupe Artemis | nocode88813 |
| Groupe Bolloré | BOLL.PA |
| Groupe Bruxelles Lambert | GBLB.BR |
| Groupe Caisse d'Epargne | GCE_SG |
| GROUPE FNAC | nocode089 |
| Groupe Seb | SEBF.PA |
| Gualua Closures | nocode00017 |
| Hagemeyer | HAGN.AS |
| HAIKOU MEILAN INTERNATIONAL AIRPORT CO LTD | nocode071 |
| Haitong International Securities Group Ltd | 0665.HK |
| HALCYON AGRI CORPORATION LTD | HALC.SI |
| Halliburton | HAL.N |
| Hammerson | HMSO.L |
| Hannover RE | HNRGn.DE |
| Harman International | nocode99448 |
| Havas | HAVA.PA |
| HBOS | HBOS.L |

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| Heathrow airport | nocode77711 |
| HeidelbergCement | HEIG.DE |
| Heimstaden Bostad | HEIMpref.ST |
| Heineken | HEIN.AS |
| HERA | HRA.MI |
| Hewlett Packard Enterprise Co | HPE.N |
| Hewlett-Packard Company | HPQ.N |
| HJ Heinz | HNZ.N |
| Hochtief | HOTG.DE |
| Holcim | LHN.P |
| Holding d'Infrastructure de Transport (HIT) | nocode90 |
| Honda | 7267.T |
| HOST HOTELS & RESORTS INC. | HST.N |
| HSBC FRANCE | HSBC_SG |
| Huarong Real Estate | nocode777765 |
| HUARONG REAL ESTATE CO LTD | nocode0203 |
| Huntington Bankshares | HBAN.O |
| Hypothekenbank in Essen | nocode74 |
| HYUNDAI CAPITAL AMERICA | HYMLF.PK |
| HYUNDAI Capital Services INC | nocode9998 |
| Hyundai Motor Co | 005380.KS |
| IAG | ICAG.L |
| Iberdrola | IBE.MC |
| Iberdrola Renovables | IBR.MC |
| Iberia | IBLA.MC |
| IBM | IBM.N |
| Icade | ICAD.PA |
| Icade EMGP | oldICAD.PA |
| Icade Sante | nocode0503 |
| IGT | IGT.N |
| Iliad | ILD.PA |
| Illinois Tool Works Inc | ITW.N |
| Imerys | IMTP.PA |
| Immofinanz | IMFI.VI |
| Imperial Brands | IMB.L |
| Imperial Chemical Industries | ICI.L |
| Impress | IMP_SG |
| INDIGO GROUP | nocode0245 |
| Indusind Bank | INBK.NS |
| Infineon Technologies | IFXGn.DE |
| Infopro Digital | nocode9913 |
| ING Bank NV | INGs.AS |
| ING Bank Slaski S.A. | INGP.WA |
| ING-DiBa | nocode0461 |
| Innogy | IGY.DE |
| Inter-American Development Bank | nocode765 |

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|---|------------|
| Intermediate Capital Group | ICP.L |
| International Bank for Reconstruction and Development | nocode762 |
| International Finance Corporation | nocode763 |
| International Flavors & Fragrances | IFF.N |
| International Lease Finance Corp | nocode260 |
| International Power | IPR.L |
| Intesa Sanpaolo | ISP.MI |
| INTESA SANPAOLO Vita | nocode782 |
| Invensys | ISYS.L |
| Iren SpA | IREE.MI |
| ISS A/S | ISS.CO |
| ISS Finance BV | nocode0572 |
| Italcementi | ITAI.MI |
| Italgas | IG.MI |
| JAB Holding BV | nocode545 |
| Jaguar Land Rover | nocode0339 |
| Japan Tobacco | 2914.T |
| JCDecaux | JCDX.PA |
| JEFFERIES FINANCE | nocode108 |
| JINMAO HOTEL AND JINMAO CHINA HOTEL INVESTMENTS AND MANAGEMENT | 6139.HK |
| JPMorgan Chase & Co. | JPM.N |
| Juniper Networks | JNPR.N |
| K+S | SDFGn.DE |
| KBC | KBC.BR |
| Kering | P RTP.PA |
| Keyspan Gas East Corp | nocode341 |
| KINDER MORGAN CANADA | KML.TO |
| Kinder Morgan Energy Partners | KMP.N |
| Kinder Morgan Inc. | KMI.N |
| KINGDOM OF SPAIN | nocode541 |
| Klépierre | LOIM.PA |
| KNORR BREMSE | KBX.DE |
| Kobe Steel | 5406.T |
| Komercni Banka | BKOM.PR |
| Kookmin Bank | 060000.KS |
| Korea Development Bank | nocode789 |
| KPN | KPN.AS |
| Kraft Heinz | KHC.OQ |
| La Banque Postale | RIC_LBP |
| La Caixa (Caja de Ahorros y Pensiones de Barcelona) | CAIX_SG |
| La Poste | LAPST |
| Lactalis | nocode174 |
| Ladbrokes | LCL.L |
| Lafarge | LAFP.PA |
| LafargeHolcim | LHN.PA |
| LAND NRW | nocode0400 |

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|---|-------------|
| Landesbank Berlin | BEBG.DE |
| Landesbank Hessen Thueringen Girozentrale | LHTGg.F |
| LB Baden Wurttemberg | LBB_SG |
| Leaseplan Corporation NV | nocode128 |
| Leaseplan Finance NV | nocode129 |
| LEEDSBUILDING SOCIETY | nocode00022 |
| LEG Immobilien AG | LEGn.DE |
| Legal & General | LGEn.L |
| Legrand | LEGD.PA |
| Lennar | LEN.N |
| Lenovo Group LTD | 0992.HK |
| Leonardo SpA | LDOF.MI |
| Lex Autolease | nocode7723 |
| Liberty Global | LBTYA.OQ |
| Linde AG | LING.DE |
| Linde plc | LIN.N |
| Lloyds Banking Group | LLOY.L |
| Logista | LOG.MC |
| London Power Networks | nocode99915 |
| LVMH | LVMH.PA |
| LyondellBasell | LYB.N |
| M6 | MMTP.PA |
| Macif | MACI_SG |
| Magna International | MGA.N |
| Mamoura Diversified Global Holding PJSC | nocode942 |
| MAN | MANG.DE |
| Man Se Credit Highlights | cAveat958 |
| Mapfre | MAP.MC |
| Marathon Oil | MRO.N |
| Marriott International Inc | MAR.OQ |
| MASSACHUSETTS ELECTRIC CO | MSSEL.PK |
| Matterhorn Telecom Holding | nocode684 |
| Matterhorn Telecom Holding SA | nocode033 |
| MBANK HIPOTECZNY | nocode998 |
| Mbank S.A. | MBK.WA |
| McDonald's | MCD.N |
| Mediaset | MS.MI |
| Merck and Co Inc. | MRK.N |
| Merck Financial Services | nocode0476 |
| Merck KGaA | MRCG.DE |
| Merlin Properties | MRL.MC |
| MetLife Inc | MET.N |
| Microsoft Corporation | MSFT.OQ |
| Ministry of Finance of the People's Republic of China | nocode348 |
| Ministry of Public finance of Romania | nocode201 |
| MITSUBISHI CORPORATION | 8058.T |

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|---|-------------|
| Mitsubishi UFJ Financial Group | 8306.T |
| Mizuho Financial Group | 8411.T |
| Mobiasbanca | nocode859 |
| MOL | MOLB.BU |
| Molmed | MLMD.MI |
| Molson Coors | TAP.N |
| Mondelez International | MDLZ.OQ |
| Mubadala Development Company | MBD_SG |
| Muenchener Hypothekenbank | nocode405 |
| Nara Cable Funding Limited | nocode362 |
| NARRAGANSETT ELECTRIC COMPANY | nocode261 |
| NATIONAL AUSTRALIA BANK | NAB.AX |
| National Grid | NG.L |
| NATIONAL GRID NORTH AMERICA | nocode88811 |
| Nationwide Building Society | POB_p.L |
| Naturex | NATU.PA |
| Naturgy | NTGY.MC |
| Naturgy Finance BV | nocode461 |
| NatWest Group Plc | NWG.L |
| Nestle India Ltd. | NEST.NS |
| Nestlé SA | NESN.S |
| Netflix | NFLX.OQ |
| Neuf Cegetel | NEUF.PA |
| New England Power | nocode0123 |
| NEW EUROPE PROPERTY INVESTMENT ROCKCASTLE (Nepi Rockcastle) | NRP.AS |
| Nexen Inc | NXY.TO |
| NIAGARA MOHAWK POWER | NMK_pb.N |
| NIBCN.V | nocode78 |
| Nidda Healthcare Holding GmbH | nocode639 |
| NIPPON SHOKUBAI CO LTD | 4114.T |
| Nissan Motor Co | 7201.T |
| Nokia | NOKIA.HE |
| Nokia Siemens Networks | nocode011 |
| Nonghyup Bank | nocode042 |
| Nordea | NDAFI.HE |
| Nordea Bank Finland PLC | nocode854 |
| Novartis AG | NOVN.S |
| Novartis Capital Corp | nocode0544 |
| Novartis Finance SA | nocode0237 |
| Numericable-SFR | NUME.PA |
| Nuova Banca delle Marche | nocode452 |
| Nuova Banca dell'Etruria e del Lazio | nocode453 |
| O2 | OOM.L |
| Obvion | nocode264 |
| OCI | OCI.AS |
| Ohridska Banka | nocode862 |

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|---------------------------------------|-------------|
| OMANTEL | nocode9696 |
| OMV | OMVV.VI |
| OMV Petrom SA | ROSNP.BX |
| ONO | ONO_SG |
| Onvista | ONVG.F |
| OP CORPORATE BANK PLC | nocode00018 |
| OP Mortgage Bank | nocode276 |
| Orange | ORAN.PA |
| Orange Belgium | OBEL.BR |
| Orange Polska | OPL.WA |
| Orano | nocode401 |
| Orbis | ORBS.WA |
| Origin Energy Finance Limited | nocode0478 |
| Orsted A/S | ORSTED.CO |
| OTP Group | OTPB.BU |
| PACIFIC LIFECORP | nocode250 |
| Parmalat | PLT.MI |
| Partner Re | PRE.N |
| PepsiCo | PEP.OQ |
| Pernod Ricard | PERP.PA |
| Pfizer | PFE.N |
| Philip Morris CR | TABK.PR |
| Philip Morris International | PM.N |
| Philips | PHG.AS |
| Phillips 66 | PSX.N |
| Pirelli | PECI.MI |
| PKN Orlen | PKN.WA |
| Porsche SE | PSHG_p.DE |
| POSTAL SAVINGS BANK OF CHINA CO LTD | 1658.HK |
| PPG Industries | PPG.N |
| Praxair Inc | PX.N |
| Procter & Gamble | PG.N |
| Prologis France | nocode217 |
| Prudential | PRU.L |
| Prudential Financial | PRU.N |
| PSA Banque France | nocode0437 |
| PTT PCL | PTT.BK |
| PTTEP Treasury Center Company Limited | nocode659 |
| Public Storage | PSA.N |
| Publicis Groupe | PUBP.PA |
| Rabobank | RABN.UL |
| Raiffeisen Bank International | RBIV.VI |
| Rallye SA | GENC.PA |
| Red Electrica | REE.MC |
| Redes Energeticas Nacionais | RENE.LS |
| Refinitiv US Holdings Inc. | nocode0344 |

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|---|------------|
| Reliance Capital | RLCP.NS |
| Reliance Holding USA Inc. | nocode0484 |
| Relx NV | REL.AS |
| Relx PLC | REL.L |
| Renault | RENA.PA |
| Renk AG | ZAR:GR |
| Repsol | REP.MC |
| Repsol International Finance BV | nocode0559 |
| Republic of Chile | nocode0472 |
| Republic of Italy | nocode0394 |
| Rexel | RXL.PA |
| Richemont | CFR.S |
| Rolls-Royce | RR.L |
| Rosbank | ROSB.MM |
| Royal Dutch Shell B | RDSb.L |
| Royal Dutch shell PLC | RDSa.L |
| RTL Group | RRTL.DE |
| Rubis | RUBF.PA |
| Rubis Terminal Infra | nocode848 |
| Ruby Pipeline LLC | nocode171 |
| RWE | RWEG.DE |
| Ryanair | RYA.L |
| Sabine Pass Liquefaction, LLC | SPL |
| SABMiller | SAB.L |
| Saft | S1A.PA |
| SALT MOBILE | nocode0485 |
| Salvepar | SALV.PA |
| Samhallsbyggnadsbolaget I Norden AB (SBB) | SBBb.ST |
| Samsung Electronics Co Ltd | 005930.KS |
| SAN PAOLO-IMI SPA | SPI.MI |
| SANDEN CORP | 6444.T |
| Sanef | SNF.PA |
| Sanofi | SASY.PA |
| Santander Bank Polska SA | SPL1.WA |
| Santander Consumer Bank AS | nocode0230 |
| Santander UK PLC | SANS_pa.L |
| SAP | SAPG.DE |
| Sazka | nocode0232 |
| Scania AB | SCVb.ST |
| Schaeffler | SHA_p.DE |
| Schlumberger | SLB.N |
| SCHLUMBERGER FINANCE BV | nocode542 |
| Schlumberger Finance Canada Ltd | nocode0152 |
| Scor | SCOR.PA |
| Sears | SHLD.O |
| SEB | SEBa.ST |

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|---|-------------|
| Selectirente S.A | SELER.PA |
| Serono | SEO.VX |
| SES | SESFd.PA |
| SFR | SFR_SG |
| SG SCF | SGSCF |
| SG SFH | nocode855 |
| SGFP MEXICO | nocode038 |
| Sicomed | ROSCD.BX |
| Siemens | SIEGn.DE |
| Siemens Gamesa RE | SGREN.MC |
| SIIC DE PARIS | IMMB.PA |
| Simon Property Group | SPG.N |
| Sinochem | 600500.SS |
| Sinopec | 0386.HK |
| SINOPEC GROUP OVERSEAS DEVELOPMENT (2018) LIMITED | nocode0342 |
| SINOPEC SHANGHAI PETROCHEMICAL | 0338.HK |
| Sky | SKYB.L |
| SMG | STVG.L |
| Snam | SRG.MI |
| SNS REAAL NV | SR.AS |
| Société Générale | SOGN.PA |
| Societe Generale Bank Montenegro | nocode573 |
| Societe Generale Ghana | nocode863 |
| Society of Lloyd's | nocode99660 |
| Socram | nocode306 |
| Sodexo | EXHO.PA |
| Sogecap | nocode857 |
| Sogelease | nocode860 |
| SOLFEA | nocode030 |
| Solta Medical, INC | nocode974 |
| South32 | S32.L |
| Southern Natural Gas Company | SO.N |
| Spie | SPIE.PA |
| Spintab | nocode80 |
| SPP Infrastructure Financing | nocode0482 |
| SPP-Distribúcia | nocode063 |
| Springleaf Finance | nocode99666 |
| Sprint | S.N |
| SSE | SSE.L |
| Stadshypotek | nocode81 |
| Standard Chartered | STAN.L |
| State Bank Of India | SBI.NS |
| Sunoco Logistics | SXL.N |
| Sunpower | SPWR.OQ |
| Svenska Handelsbanken | SHBa.ST |
| Swedbank | SWEDa.ST |

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| Swissport | nocode711 |
| Talanx | TLXGn.DE |
| Tata Consultancy Services | TCS.NS |
| Tata Motors Ltd | TAMO.NS |
| Tauron | TPE.WA |
| Telefónica Deutschland Holding AG | O2Dn.DE |
| Telefonica Europe | nocode0428 |
| Telefonica SA | TEF.MC |
| Telekom Austria | TELA.VI |
| Telenet | TNET.BR |
| Telenor AS | TEL.OL |
| Telia Company AB | TELIA.ST |
| Telstra | TLS.AX |
| Telxius | nocode570 |
| Tencent Holdings LTD | 0700.HK |
| Tenet Healthcare | THC.N |
| Tengizchevroil | nocode562 |
| TENGIZCHEVROIL FINANCE COMPANY INTERNATIONAL LTD | nocode00003 |
| Tennet | nocode022 |
| Terna | TRN.MI |
| Tesco | TSCO.L |
| TF1 | TFFP.PA |
| Thales | TCFP.PA |
| The Coca-Cola Company | KO.N |
| The Dow Chemical | DOW.N |
| Thyssenkrupp | TKAG.DE |
| Tikehau Capital | TKOO.PA |
| Time Warner Cable | TWC.N |
| Time Warner Inc. | TWX.N |
| T-Mobile US | TMUS.OQ |
| Tognum | nocode413 |
| Total | TOTF.PA |
| Total Capital International | nocode548 |
| Total Gabon | EGAB.PA |
| Toyota Finance Australia Limited | nocode0433 |
| Toyota Motor Corp | 7203.T |
| Toyota Motor Credit Corporation | nocode861 |
| TRANSWORLD SYSTEMS INC | nocode0442 |
| Traton SE | 8TRA.DE |
| UBI Banca | UBI.MI |
| UBS AG | UBSG.S |
| Unedic | nocode744 |
| Unicredit Bank Austria AG | nocode337 |
| UniCredit SpA | CRDI.MI |
| Union Fenosa Group | N/A |
| Union International de Banques | UIB.CS |

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|-------------------------------------|-------------|
| Unipetrol | UNPE.PR |
| Unitymedia | nocode99661 |
| Upjohn | nocode0567 |
| Upjohn Finance | nocode0568 |
| Valeo | VLOF.PA |
| Valero Energy Corp. | VLO.N |
| Vallourec | VLLP.PA |
| Vattenfall | VATT_SG |
| VEB | nocode280 |
| Veneto Banca | nocode274 |
| Veolia Environnement | VIE.PA |
| Verbund | VERB.VI |
| Verizon | VZ.N |
| Via Varejo | VVAR3.SA |
| Viacom Inc. | VIAB.OQ |
| ViacomCBS Inc | VIACA.OQ |
| VIER GAS TRANSPORT GmbH | nocode031 |
| Viesgo | nocode444 |
| Vinci | SGEF.PA |
| Virgin Media | VMED.L |
| Virgin Media Finance Plc | nocode662 |
| Virgin Media Finance Secured Plc | nocode423 |
| Vivendi | VIV.PA |
| Vodafone | VOD.L |
| Volkswagen | VOWG_p.DE |
| Volkswagen Financial Services AG | nocode83 |
| Volkswagen International Finance NV | nocode0546 |
| Volvo | VOLVb.ST |
| Volvo Car AB | nocode267 |
| Volvo Car Group | nocode506 |
| Vonovia Finance BV | nocode645 |
| Vonovia SE | VNAn.DE |
| Votorantim Group | nocode170 |
| WalMart | WMT.N |
| Wells Fargo & Co. | WFC.N |
| Wesfarmers | WES.AX |
| Westfield Group | WEFIF.PK |
| Wintershall Dea Finance BV | nocode399 |
| WIRTUALNA POLSKA | WPPLPLN.Lp |
| WOORI BANK | nocode078 |
| Worldline | WLN.PA |
| WPP Group | WPP.L |
| Xerox | XRX.N |
| Yamaha Motor Co Ltd | 7272.T |
| Zapadoslovenska Energetika | nocode624 |
| Zero-E Sustainable Solutions | nocode437 |

ZF Europe
Zhejiang Geely Holding Group Company Limited
Ziggo BV
Zurich Insurance Group

ZFF.UL
nocode827
nocode652
ZURN.S

***As per Article 6(1)b) of European Delegated Regulation 2016/958, SG discloses that the following companies hold more than 5 % of the total issued share capital of the Group Société Générale:
Please refer to the following (Pre017)***

HISTORICAL DATA

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|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| 30/07/2020 | 30/06/2020 | 29/05/2020 | | |
| 27/07/2020 | 25/06/2020 | 25/05/2020 | | |
| 23/07/2020 | 22/06/2020 | 18/05/2020 | | |
| 20/07/2020 | 18/06/2020 | 14/05/2020 | | |
| 16/07/2020 | 15/06/2020 | 11/05/2020 | | |
| 13/07/2020 | 11/06/2020 | 07/05/2020 | | |
| 06/07/2020 | 08/06/2020 | 04/05/2020 | | |
| 02/07/2020 | 05/06/2020 | | | |
| | 01/06/2020 | | | |
| 30/04/2020 | 30/03/2020 | 27/02/2020 | 30/01/2020 | 26/12/2019 |
| 27/04/2020 | 26/03/2020 | 24/02/2020 | 27/01/2020 | 23/12/2019 |
| 23/04/2020 | 23/03/2020 | 20/02/2020 | 23/01/2020 | 19/12/2019 |
| 20/04/2020 | 19/03/2020 | 17/02/2020 | 20/01/2020 | 16/12/2019 |
| 16/04/2020 | 16/03/2020 | 13/02/2020 | 16/01/2020 | 12/12/2019 |
| 14/04/2020 | 12/03/2020 | 10/02/2020 | 13/01/2020 | 04/12/2019 |
| 09/04/2020 | 09/03/2020 | 06/02/2020 | 09/01/2020 | 02/12/2019 |
| 06/04/2020 | 05/03/2020 | 03/02/2020 | 06/01/2020 | |
| 02/04/2020 | 02/03/2020 | | 02/01/2020 | |
| 28/11/2019 | 31/10/2019 | 30/09/2019 | 29/08/2019 | 29/07/2019 |
| 25/11/2019 | 24/10/2019 | 23/09/2019 | 26/08/2019 | 25/07/2019 |
| 21/11/2019 | 21/10/2019 | 19/09/2019 | 22/08/2019 | 22/07/2019 |
| 18/11/2019 | 17/10/2019 | 16/09/2019 | 19/08/2019 | 18/07/2019 |
| 14/11/2019 | 14/10/2019 | 12/09/2019 | 16/08/2019 | 15/07/2019 |
| 12/11/2019 | 10/10/2019 | 09/09/2019 | 12/08/2019 | 11/07/2019 |
| 07/11/2019 | 07/10/2019 | 05/09/2019 | 05/08/2019 | 08/07/2019 |
| 04/11/2019 | 04/10/2019 | 02/09/2019 | 01/08/2019 | 04/07/2019 |
| | | | | 01/07/2019 |
| 28/06/2019 | 30/05/2019 | 29/04/2019 | 28/03/2019 | 28/02/2019 |
| 24/06/2019 | 27/05/2019 | 25/04/2019 | 26/03/2019 | 25/02/2019 |
| 20/06/2019 | 23/05/2019 | 23/04/2019 | 21/03/2019 | 21/02/2019 |
| 17/06/2019 | 20/05/2019 | 18/04/2019 | 18/03/2019 | 18/02/2019 |
| 13/06/2019 | 16/05/2019 | 15/04/2019 | 14/03/2019 | 14/02/2019 |
| 10/06/2019 | 09/05/2019 | 11/04/2019 | 11/03/2019 | 11/02/2019 |
| 06/06/2019 | 06/05/2019 | 09/04/2019 | 07/03/2019 | 07/02/2019 |
| 03/06/2019 | 02/05/2019 | 08/04/2019 | 04/03/2019 | 04/02/2019 |
| | | 04/04/2019 | | |
| | | 01/04/2019 | | |
| 31/01/2019 | 31/12/2018 | 26/11/2018 | | |
| 28/01/2019 | 27/12/2018 | 22/11/2018 | | |
| 24/01/2019 | 24/12/2018 | 19/11/2018 | | |
| 21/01/2019 | 20/12/2018 | 15/11/2018 | | |
| 17/01/2019 | 17/12/2018 | 12/11/2018 | | |
| 1/4/01/2019 | 13/12/2018 | 08/11/2018 | | |
| 10/01/2019 | 10/12/2018 | 05/11/2018 | | |
| 07/01/2019 | 06/12/2018 | 01/11/2018 | | |
| 03/01/2019 | 03/12/2018 | | | |
| | 29/11/2018 | | | |
| 29/10/2018 | 27/09/2018 | 27/08/2018 | 30/07/2018 | 28/06/2018 |

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| 25/10/2018 | 24/09/2018 | 23/08/2018 | 26/07/2018 | 25/06/2018 |
| 22/10/2018 | 20/09/2018 | 20/08/2018 | 23/07/2018 | 21/06/2018 |
| 18/10/2018 | 17/09/2018 | 16/08/2018 | 19/07/2018 | 18/06/2018 |
| 15/10/2018 | 13/09/2018 | 13/08/2018 | 16/07/2018 | 14/06/2018 |
| 11/10/2018 | 10/09/2018 | 08/08/2018 | 12/07/2018 | 11/06/2018 |
| 08/10/2018 | 06/09/2018 | 06/08/2018 | 09/07/2018 | 07/06/2018 |
| 01/10/2018 | 03/09/2018 | 02/08/2018 | 06/07/2018 | 04/06/2018 |
| | | | 02/07/2018 | |
| 31/05/2018 | 30/04/2018 | 29/03/2018 | 26/02/2018 | 29/01/2018 |
| 28/05/2018 | 26/04/2018 | 26/03/2018 | 22/02/2018 | 25/01/2018 |
| 24/05/2018 | 23/04/2018 | 22/03/2018 | 19/02/2018 | 22/01/2018 |
| 22/05/2018 | 19/04/2018 | 19/03/2018 | 12/02/2018 | 18/01/2018 |
| 17/05/2018 | 16/04/2018 | 15/03/2018 | 08/02/2018 | 15/01/2018 |
| 14/05/2018 | 12/04/2018 | 12/03/2018 | 05/02/2018 | 11/01/2018 |
| 10/05/2018 | 09/04/2018 | 08/03/2018 | 01/02/2018 | 08/01/2018 |
| 07/05/2018 | 05/04/2018 | 05/03/2018 | | 04/01/2018 |
| 03/05/2018 | 03/04/2018 | 01/03/2018 | | 02/01/2018 |
| 28/12/2017 | 27/10/2017 | 30/10/2017 | | |
| 26/12/2017 | 23/11/2017 | 26/10/2017 | | |
| 21/12/2017 | 20/11/2017 | 23/10/2017 | | |
| 18/12/2017 | 13/11/2017 | 19/10/2017 | | |
| 11/12/2017 | 09/11/2017 | 17/10/2017 | | |
| 07/12/2017 | 06/11/2017 | 12/10/2017 | | |
| 04/12/2017 | 03/11/2017 | 09/10/2017 | | |
| 01/12/2017 | | 05/10/2017 | | |
| | | 02/10/2017 | | |
| 28/09/2017 | 31/08/2017 | 31/07/2017 | 29/06/2017 | 29/05/2017 |
| 25/09/2017 | 24/08/2017 | 27/07/2017 | 26/06/2017 | 25/05/2017 |
| 21/09/2017 | 21/08/2017 | 24/07/2017 | 22/06/2017 | 22/05/2017 |
| 18/09/2017 | 10/08/2017 | 20/07/2017 | 19/06/2017 | 18/05/2017 |
| 14/09/2017 | 07/08/2017 | 17/07/2017 | 15/06/2017 | 15/05/2017 |
| 11/09/2017 | 03/08/2017 | 13/07/2017 | 12/06/2017 | |
| 09/09/2017 | | 10/07/2017 | 08/06/2017 | |
| 04/09/2017 | | 06/07/2017 | 05/06/2017 | |
| | | 03/07/2017 | 01/06/2017 | |

Previous detailed historic

Equity Market Maker (Pre02) Historical

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|----------------------------|----------------------------|----------------------------|----------------------------|
| 11/05/2017 | 27/03/2017 | 16/02/2017 | 09/01/2017 |
| 09/05/2017 | 23/03/2017 | 13/02/2017 | 05/01/2017 |
| 04/05/2017 | 20/03/2017 | 09/02/2017 | 02/01/2017 |
| 02/05/2017 | 16/03/2017 | 06/02/2017 | 29/12/2016 |
| 27/04/2017 | 13/03/2017 | 02/02/2017 | 27/12/2016 |
| 24/04/2017 | 09/03/2017 | 30/01/2017 | 22/12/2016 |
| 20/04/2017 | 06/03/2017 | 26/01/2017 | 19/12/2016 |
| 18/04/2017 | 02/03/2017 | 23/01/2017 | 15/12/2016 |
| 13/04/2017 | 27/02/2017 | 19/01/2016 | 12/12/2016 |
| 10/04/2017 | 23/02/2017 | 16/01/2017 | 08/12/2016 |
| 03/04/2017 | 20/02/2017 | 12/01/2017 | 05/12/2016 |
| 30/03/2017 | | | |

12 Month IB Revenue Disclosure (Pre04) Historical

| | | | |
|----------------------------|----------------------------|----------------------------|----------------------------|
| 11/05/2017 | 27/03/2017 | 16/02/2017 | 09/01/2017 |
| 09/05/2017 | 23/03/2017 | 13/02/2017 | 05/01/2017 |
| 04/05/2017 | 20/03/2017 | 09/02/2017 | 02/01/2017 |
| 02/05/2017 | 16/03/2017 | 06/02/2017 | 29/12/2016 |
| 27/04/2017 | 13/03/2017 | 02/02/2017 | 27/12/2016 |
| 24/04/2017 | 09/03/2017 | 30/01/2017 | 22/12/2016 |
| 20/04/2017 | 06/03/2017 | 26/01/2017 | 19/12/2016 |
| 18/04/2017 | 02/03/2017 | 23/01/2017 | 15/12/2016 |
| 13/04/2017 | 27/02/2017 | 19/01/2017 | 12/12/2016 |
| 10/04/2017 | 23/02/2017 | 16/01/2016 | 08/12/2016 |
| 03/04/2017 | 20/02/2017 | 12/01/2017 | 05/12/2016 |
| 30/03/2017 | | | |

Managed/Co-Managed Offering Disclosure (Pre05) Historical

| | | | |
|----------------------------|----------------------------|----------------------------|----------------------------|
| 11/05/2017 | 27/03/2017 | 16/02/2017 | 09/01/2017 |
| 09/05/2017 | 23/03/2017 | 13/02/2017 | 05/01/2017 |
| 04/05/2017 | 20/03/2017 | 09/02/2017 | 02/01/2017 |
| 02/05/2017 | 16/03/2016 | 06/02/2017 | 29/12/2016 |
| 27/04/2017 | 13/03/2017 | 02/02/2017 | 27/12/2016 |
| 24/04/2017 | 09/03/2017 | 30/01/2017 | 22/12/2016 |
| 20/04/2017 | 06/03/2017 | 26/01/2017 | 19/12/2016 |
| 18/04/2017 | 02/03/2017 | 23/01/2017 | 15/12/2016 |
| 13/04/2017 | 27/02/2017 | 19/01/2017 | 12/12/2016 |
| 10/04/2017 | 23/02/2017 | 16/01/2017 | 08/12/2016 |
| 03/04/2017 | 20/02/2017 | 12/01/2017 | 05/12/2016 |
| 30/03/2017 | | | |

0.5% Ownership Disclosure (Pre13) Historical

| | | | |
|----------------------------|----------------------------|----------------------------|----------------------------|
| 11/05/2017 | 20/04/2017 | 27/03/2017 | 06/03/2017 |
| 09/05/2017 | 18/04/2017 | 23/03/2017 | 02/03/2017 |
| 04/05/2017 | 13/04/2017 | 20/03/2017 | 27/02/2017 |
| 02/05/2017 | 10/04/2017 | 16/03/2017 | 23/02/2017 |
| 27/04/2017 | 03/04/2017 | 13/03/2017 | 20/02/2017 |
| 24/04/2017 | 30/03/2017 | 09/03/2017 | |

0.5% Ownership Disclosure (Pre14) Historical

| | | | |
|----------------------------|----------------------------|----------------------------|----------------------------|
| 11/05/2017 | 20/04/2017 | 27/03/2017 | 06/03/2017 |
| 09/05/2017 | 18/04/2017 | 23/03/2017 | 02/03/2017 |
| 04/05/2017 | 13/04/2017 | 20/03/2017 | 27/02/2017 |
| 02/05/2017 | 10/04/2017 | 16/03/2017 | 23/02/2017 |
| 27/04/2017 | 03/04/2017 | 13/03/2017 | 20/02/2017 |
| 24/04/2017 | 30/03/2017 | 09/03/2017 | |

0.5% Ownership Disclosure (Pre15) Historical

| | | | |
|----------------------------|----------------------------|----------------------------|----------------------------|
| 11/05/2017 | 20/04/2017 | 27/03/2017 | 06/03/2017 |
| 09/05/2017 | 18/04/2017 | 23/03/2017 | 02/03/2017 |
| 04/05/2017 | 13/04/2017 | 20/03/2017 | 27/02/2017 |
| 02/05/2017 | 10/04/2017 | 16/03/2017 | 23/02/2017 |
| 27/04/2017 | 03/04/2017 | 13/03/2017 | 20/02/2017 |
| 24/04/2017 | 30/03/2017 | 09/03/2017 | |

Debt Market Maker (Pre16) Historical

| | | | |
|----------------------------|----------------------------|----------------------------|----------------------------|
| 11/05/2017 | 02/05/2017 | 20/04/2017 | 10/04/2017 |
| 09/05/2017 | 27/04/2017 | 18/04/2017 | 03/04/2017 |
| 04/05/2017 | 24/04/2017 | 13/04/2017 | |