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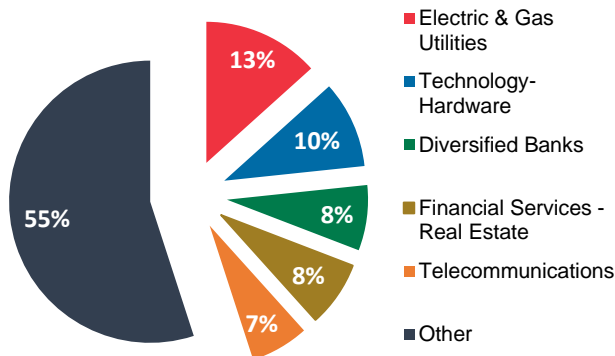
vigeo eiris

INDICES **WORLD 120**

Vigeo Eiris' indices are composed of the highest-ranking listed companies as evaluated by the agency in terms of their performance in corporate responsibility. This range of indices: Euronext Vigeo World 120, Euronext Vigeo Europe 120, Euronext Vigeo Eurozone 120, Euronext Vigeo US 50, Euronext Vigeo France 20, Euronext Vigeo United Kingdom 20 and Euronext Vigeo Benelux 20, will be updated every six months. Constituent selection is based on data from the Equitics® methodology, developed by Vigeo. Selected companies have achieved the highest ratings in their reference universe.

INDEX FEATURES	
Number of Constituents	120
Index Type	Price Index
Eligible Stock	All the companies included in the related Vigeo Euronext Universe
Weighting	The weighting of each component at the review date reflects the Equitics® score of the company divided by the total sum of the scores of all components
Review	Semi-Annually (June and December)

World 120: the 5 most represented sectors



New constituents – December 2019	
Stora Enso	Forest Products & Paper
Solvay	Chemicals
Repsol	Energy
DSM	Chemicals
Poste Italiane	Transport & Logistics
Deutsche Telekom	Telecommunications
Icade	Financial Services - Real Estate
Schneider Electric	Electric Components & Equipment
Siemens Gamesa Renewable Energy	Electric Components & Equipment
Konica Minolta	Technology-Hardware Asia Pacific
Osaka Gas	Electric & Gas Utilities Asia Pacific
Charter Hall Group	Financial Services - Real Estate Asia Pacific
Obayashi	Heavy Construction Asia Pacific
Tokyo Electron	Technology-Hardware Asia Pacific
Denso Corporation	Automobiles Asia Pacific
Kansai Electric Power	Electric & Gas Utilities Asia Pacific
Cenovus Energy	Energy North America
Devon Energy	Energy North America
Amgen	Pharmaceuticals & Biotechnology North America
Mylan	Pharmaceuticals & Biotechnology North America

Lowest global score	Highest global score	Average overall score
44/100	72/100	56/100

World 120 Index constituents - December 2019			
Sector	Issuer	Country	ISIN
Industrial Goods & Services North America	3M Company	United States of America	US88579Y1010
Diversified Banks	Abn Amro Bank	Netherlands	NL0011540547
Hotel, Leisure Goods & Services	Accor	France	FR0000120404
Electric & Gas Utilities North America	AES	United States of America	US00130H1059
Building Materials Asia Pacific	AGC	Japan	JP3112000009
Electric & Gas Utilities Asia Pacific	AGL Energy	Australia	AU000000AGL7
Mining & Metals North America	Agnico Eagle Mines	Canada	CA0084741085
Food Asia Pacific	Ajinomoto Company	Japan	JP3119600009
Chemicals	Akzo Nobel	Netherlands	NL0013267909
Chemicals North America	Albemarle Corporation	United States of America	US0126531013
Pharmaceuticals & Biotechnology North America	Amgen	United States of America	US0311621009
Financial Services - General	Amundi	France	FR0004125920
Diversified Banks Asia Pacific	Australia & New Zealand Banking Group	Australia	AU000000ANZ3
Software & IT Services North America	Autodesk	United States of America	US0527691069
Insurance	Axa	France	FR0000120628
Business Support Services North America	Ball Corporation	United States of America	US0584981064
Diversified Banks North America	Bank of Montreal	Canada	CA0636711016
Health Care Equipment & Services North America	Baxter International	United States of America	US0718131099
Telecommunications North America	BCE	Canada	CA05534B7604
Diversified Banks	BNP Paribas	France	FR0000131104
Automobiles Asia Pacific	Bridgestone Corporation	Japan	JP3830800003
Transport & Logistics North America	Canadian National Railway	Canada	CA1363751027
Financial Services - Real Estate Asia Pacific	CapitaLand	Singapore	SG1J27887962
Supermarkets	Carrefour	France	FR0000120172
Energy North America	Cenovus Energy	Canada	CA15135U1093
Financial Services - Real Estate Asia Pacific	Charter Hall Group	Australia	AU000000CHC0
Technology-Hardware North America	Cisco Systems	United States of America	US17275R1023
Hotel, Leisure Goods & Services Asia Pacific	City Developments	Singapore	SG1R89002252
Electric & Gas Utilities Asia Pacific	CLP Holdings	Hong Kong	HK0002007356
Beverage North America	Coca-Cola European Partners	United States of America	GB00BDCPN049
Luxury Goods & Cosmetics North America	Colgate-Palmolive	United States of America	US1941621039
Energy North America	ConocoPhillips	United States of America	US20825C1045
Financial Services - Real Estate	Covivio	France	FR0000064578
Building Materials	CRH	Ireland	IE0001827041
Food	Danone	France	FR0000120644
Automobiles Asia Pacific	Denso Corporation	Japan	JP3551500006
Telecommunications	Deutsche Telekom	Germany	DE0005557508
Energy North America	Devon Energy	United States of America	US25179M1036
Financial Services - Real Estate Asia Pacific	Dexus	Australia	AU000000DXS1
Chemicals	DSM	Netherlands	NL0000009827
Software & IT Services North America	DXC Technology	United States of America	US23355L1061
Electric & Gas Utilities	Electricite de France	France	FR0010242511

World 120 Index constituents - December 2019

Sector	Issuer	Country	ISIN
Electric & Gas Utilities	Endesa	Spain	ES0130670112
Electric & Gas Utilities	Enel	Italy	IT0003128367
Electric & Gas Utilities	Energias de Portugal	Portugal	PTEDP0AM0009
Electric & Gas Utilities	Engie	France	FR0010208488
Electric & Gas Utilities North America	Entergy	United States of America	US29364G1031
Electric & Gas Utilities North America	Eversource Energy	United States of America	US30040W1080
Mining & Metals Asia Pacific	Fortescue Metals Group	Australia	AU000000FMG4
Technology-Hardware Asia Pacific	Fujitsu	Japan	JP3818000006
Financial Services - Real Estate Asia Pacific	GPT Group	Australia	AU000000GPT8
Supermarkets	Groupe Casino	France	FR0000125585
Electric & Gas Utilities	Grupo Iberdrola	Spain	ES0144580Y14
Technology-Hardware Asia Pacific	Hitachi	Japan	JP3788600009
Electric & Gas Utilities Asia Pacific	HK Electric Investments	Hong Kong	HK0000179108
Financial Services - General Asia Pacific	Hong Kong Exchanges & Clearing	Hong Kong	HK0388045442
Technology-Hardware North America	HP	United States of America	US40434L1052
Financial Services - Real Estate	Icade	France	FR0000035081
Technology-Hardware North America	Intel	United States of America	US4581401001
Software & IT Services North America	International Business Machines	United States of America	US4592001014
Chemicals North America	International Flavors & Fragrances	United States of America	US4595061015
Forest Products & Paper North America	International Paper	United States of America	US4601461035
Diversified Banks Asia Pacific	Japan Post Bank	Japan	JP3946750001
Mechanical Components & Equipment North America	Johnson Controls International	United States of America	IE00BY7QL619
Chemicals Asia Pacific	JSR Corporation	Japan	JP3385980002
Electric & Gas Utilities Asia Pacific	Kansai Electric Power	Japan	JP3228600007
Luxury Goods & Cosmetics Asia Pacific	Kao	Japan	JP3205800000
Telecommunications Asia Pacific	KDDI Corporation	Japan	JP3496400007
Oil Equipment & Services Asia Pacific	Keppel Corporation	Singapore	SG1U68934629
Industrial Goods & Services Asia Pacific	Komatsu	Japan	JP3304200003
Technology-Hardware Asia Pacific	Konica Minolta	Japan	JP3300600008
Luxury Goods & Cosmetics	L Oreal	France	FR0000120321
Health Care Equipment & Services North America	Medtronic	United States of America	IE00BTN1Y115
Automobiles	Michelin	France	FR0000121261
Software & IT Services North America	Microsoft	United States of America	US5949181045
Pharmaceuticals & Biotechnology North America	Mylan	United States of America	NL0011031208
Diversified Banks Asia Pacific	National Australia Bank	Australia	AU000000NAB4
Electric & Gas Utilities	Naturgy Energy Group	Spain	ES0116870314
Technology-Hardware Asia Pacific	NEC Corporation	Japan	JP3733000008

World 120 Index constituents - December 2019

Sector	Issuer	Country	ISIN
Mining & Metals North America	Newmont Mining	United States of America	US6516391066
Forest Products & Paper Asia Pacific	Nippon Paper Industries	Japan	JP3721600009
Mining & Metals	Norsk Hydro	Norway	NO0005052605
Mechanical Components & Equipment Asia Pacific	NSK	Japan	JP3720800006
Telecommunications Asia Pacific	NTT DoCoMo	Japan	JP3165650007
Heavy Construction Asia Pacific	Obayashi	Japan	JP3190000004
Energy Asia Pacific	Oil Search	Australia	PG0008579883
Telecommunications	Orange	France	FR0000133308
Electric & Gas Utilities Asia Pacific	Osaka Gas	Japan	JP3180400008
Automobiles	Peugeot	France	FR0000121501
Automobiles	Pirelli & C	Italy	IT0005278236
Transport & Logistics	Poste Italiane	Italy	IT0003796171
Financial Services - Real Estate North America	Prologis	United States of America	US74340W1036
Electric & Gas Utilities	Red Electrica	Spain	ES0173093024
Energy	Repsol	Spain	ES0173516115
Telecommunications North America	Rogers Communications	Canada	CA7751092007
Electric Components & Equipment	Schneider Electric	France	FR0000121972
Electric Components & Equipment	Siemens Gamesa Renewable Energy	Spain	ES0143416115
Diversified Banks	Societe Generale	France	FR0000130809
Chemicals	Solvay	Belgium	BE0003470755
Technology-Hardware Asia Pacific	Sony Corporation	Japan	JP3435000009
Financial Services - Real Estate Asia Pacific	Stockland	Australia	AU000000SGP0
Forest Products & Paper	Stora Enso	Finland	FI0009005961
Waste & Water Utilities	Suez	France	FR0010613471
Health Care Equipment & Services Asia Pacific	Sysmex	Japan	JP3351100007
Mining & Metals North America	Teck Resources	Canada	CA8787422044
Telecommunications	Telecom Italia	Italy	IT0003497168

World 120 Index constituents - December 2019

Sector	Issuer	Country	ISIN
Telecommunications Asia Pacific	Telstra	Australia	AU000000TLS2
Telecommunications North America	Telus	Canada	CA87971M1032
Electric & Gas Utilities	Terna	Italy	IT0003242622
Technology-Hardware North America	Texas Instruments	United States of America	US8825081040
Diversified Banks North America	The Bank of Nova Scotia	Canada	CA0641491075
Diversified Banks North America	The Toronto-Dominion Bank	Canada	CA8911605092
Technology-Hardware Asia Pacific	Tokyo Electron	Japan	JP3571400005
Industrial Goods & Services Asia Pacific	Toshiba Corporation	Japan	JP3592200004
Building Materials Asia Pacific	Toto	Japan	JP3596200000
Financial Services - Real Estate	Unibail-Rodamco-Westfield	France	FR0013326246
Food	Unilever nv	Netherlands	NL0000388619
Broadcasting & Advertising	Vivendi	France	FR0000127771
Forest Products & Paper North America	Weyerhaeuser	United States of America	US9621661043
Financial Services - General North America	Wheaton Precious Metals	Canada	CA9628791027

INDEX METHODOLOGY

Euronext Vigeo Eiris indices are composed of the highest-ranking listed companies as evaluated by the Vigeo Eiris agency in terms of their performance in corporate responsibility.

Companies are excluded if:

- Their level of commitment is insufficient with regard to their overall score or their score in one of six key areas reviewed by the agency.
- They are subject to serious, proved, or recurrent controversies; seriously implicated in recent allegations which remain unresolved; or face recent condemnation to which the company fails to provide corrective measures, or adopts an attitude of denial.

For further information, please refer to the [Rule Book](#), available on our website.

About Vigeo Eiris

Vigeo Eiris is an independent international provider of environmental, social and governance (ESG) research and services for investors and public & private organisations. We undertake risk assessments and evaluate the level of integration of sustainability factors within the strategy and operations of organisations.

Vigeo Eiris offers a wide range of services:

- For investors: decision-making support covering all sustainable and ethical investment approaches (including ratings, databases, sector analyses, portfolio analyses, structured products, indices and more)
- For companies & organisations: supporting the integration of ESG criteria into business functions and strategic operations (including sustainable bonds, corporate ratings, CSR evaluations and more).

Vigeo Eiris methodology and rating services adhere to the highest quality standards.

With a team of more than 240 experts of 28 different nationalities, Vigeo Eiris is present in Paris, London, Boston, Brussels, Casablanca, Hong Kong, Milan, Montreal, Rabat, Santiago and Stockholm.

The Vigeo Eiris Global Network, comprising 6 exclusive research partners, is present in Australia, Brazil, Germany, Israel, Japan and Spain.

For more information: www.vigeo-eiris.com

About Euronext

Euronext is the leading pan-European exchange in the Eurozone with more than 1 300 listed issuers worth close to €3.1 trillion in market capitalization as of end October 2016, an unmatched blue chip franchise consisting of 25 issuers in the EURO STOXX 50® benchmark and a strong diverse domestic and international client base.

Euronext operates regulated and transparent equity and derivatives markets. Its total product offering includes Equities, Exchange Traded Funds, Warrants & Certificates, Bonds, Derivatives, Commodities and Indices. Euronext also leverages its expertise in running markets by providing technology and managed services to third parties. Euronext operates regulated markets, Alternext and the Free Market; in addition it offers EnterNext, which facilitates SMEs' access to capital markets.

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