

Data as at: 30 June 2017

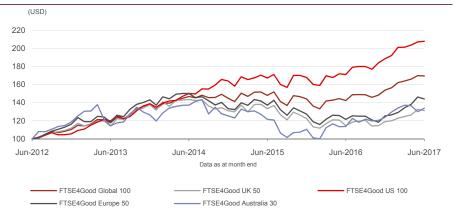
FTSE Russell Factsheet

FTSE4Good Index Series

Launched in 2001, the FTSE4Good Index Series is a series of benchmark and tradable indexes for ESG (Environmental, Social and Governance) investors. The index series is derived from the globally recognised FTSE Global Equity Index Series, offering FTSE Russell's world-famous hallmark of cutting-edge index design and calculation technology. The FTSE4Good criteria is applied to the FTSE Developed Index Series, which covers 23 markets and over 2,000 potential constituents. In the UK, the universe of eligible constituents is drawn from the FTSE All-Share Index. The series consists of six benchmark indexes covering the Global and European regions, the US, Japan and the UK. An additional five tradable indexes have been specially designed to provide asset managers with a cheap and efficient basis for investment products. These cover the UK, US, European, Australian and Global regions, as well as the FTSE4Good Environmental Leaders Europe 40 Index which focuses specifically on European companies within the FTSE4Good universe that demonstrate leading environmental practices.

Criteria are developed using an extensive market consultation process and are approved by an independent committee of experts. A broad range of stakeholders help shape the criteria, including NGOs, governmental bodies, consultants, academics, the investment community and the corporate sector. To remain consistent with market expectations and developments in ESG practice, the inclusion criteria are revised regularly. FTSE Russell engages with companies that no longer meet the standards and they are given a period of grace to try and improve their scores. If there is no improvement then the company is deleted from the index series. The criteria have been designed to help investors minimise ESG risks. Companies with the largest risk and impacts have to meet additional sector specific criteria.

Tradable Indexes 5-Year Performance - Total Return



FEATURES

Transparency

Index governance is overseen by the independent FTSE Russell ESG Advisory Committee, made up of leading global responsible investment market practitioners and experts on global Environmental, Social and Governance (ESG) principles and criteria used to determine comparative corporate ESG performance.

Criteria

Companies need to meet a variety of environmental, social and governance criteria to meet the inclusion requirements – please see www.ftserussell.com for details

Objective

The indexes are designed for use in the creation of index tracking funds, derivatives and as performance benchmarks.

Investability

Stocks are selected and weighted to ensure that the indexes are investable.

Liquidity

Stocks are screened to ensure that the indexes are tradable.

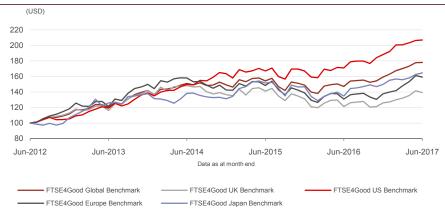
Availability

The indexes are calculated based on price and total return methodologies, both real time and end-of-day.

Industry Classification Benchmark (ICB)

Index constituents are categorized in accordance with the Industry Classification Benchmark (ICB), the global standard for industry sector analysis.

Benchmark Indexes 5-Year Performance - Total Return



Performance and Volatility - Total Return

Index (USD)		Retui			n %			oa %*	Volatility %**		
	3M	6M	YTD	12M	3YR	5YR	3YR	5YR	1YR	3YR	5YR
FTSE4Good Global 100	3.5	10.3	10.3	19.1	15.5	69.6	4.9	11.1	7.5	12.7	10.2
FTSE4Good Global Benchmark	4.7	11.8	11.8	21.0	17.8	78.0	5.6	12.2	7.5	12.8	10.2
FTSE Developed	4.4	11.4	11.4	19.4	18.7	76.2	5.9	12.0	7.0	12.3	9.8
FTSE4Good UK 50	5.3	10.2	10.2	14.5	-8.5	31.2	-2.9	5.6	11.5	19.4	12.5
FTSE4Good UK Benchmark	5.5	10.7	10.7	14.9	-6.0	39.3	-2.0	6.9	11.6	19.3	12.5
FTSE All-Share	5.2	11.3	11.3	15.4	-5.9	36.8	-2.0	6.5	11.4	19.0	12.4
FTSE4Good US 100	3.2	10.2	10.2	21.4	38.5	107.8	11.5	15.8	8.1	12.0	9.7
FTSE4Good US Benchmark	3.1	10.0	10.0	21.1	38.2	107.1	11.4	15.7	8.2	12.1	9.7
FTSE USA	3.1	9.6	9.6	18.2	30.8	97.6	9.4	14.6	8.0	12.1	9.5
FTSE4Good Europe 50	7.2	14.9	14.9	18.6	-4.0	44.1	-1.4	7.6	11.6	17.2	12.8
FTSE4Good Europe Benchmark	7.7	15.7	15.7	21.7	0.8	59.3	0.3	9.8	11.8	17.4	13.0
FTSE Developed Europe	7.8	16.0	16.0	21.7	1.5	58.3	0.5	9.6	11.6	17.3	12.8
FTSE4Good Australia 30	-2.4	8.2	8.2	17.7	-2.5	33.9	-0.8	6.0	15.0	20.2	17.3
FTSE Australia	-1.4	9.5	9.5	19.6	-0.9	33.0	-0.3	5.9	14.8	19.9	17.2
FTSE4Good Japan Benchmark	5.6	9.9	9.9	22.2	19.0	64.6	6.0	10.5	15.6	16.4	13.0
FTSE Japan	5.5	10.6	10.6	20.5	20.8	63.5	6.5	10.3	14.7	15.8	12.4

^{*} Compound annual returns measured over 3 and 5 years respectively

Year-on-Year Performance - Total Return

Index % (USD)	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
FTSE4Good Global 100	6.2	-40.8	30.4	3.8	-5.7	19.5	25.1	5.0	-0.5	6.7
FTSE4Good Global Benchmark	7.3	-41.2	33.5	7.9	-6.8	19.8	27.0	5.1	-0.3	7.1
FTSE Developed	10.0	-40.3	31.4	12.3	-5.5	17.0	26.8	5.1	-0.3	8.2
FTSE4Good UK 50	9.0	-46.8	40.1	5.3	-3.5	16.6	23.0	-4.7	-6.6	-2.7
FTSE4Good UK Benchmark	5.0	-47.5	39.8	7.2	-3.5	19.1	25.6	-3.7	-3.9	-4.0
FTSE All-Share	7.5	-48.9	44.3	9.7	-3.8	17.3	23.6	-4.5	-4.0	-3.1
FTSE4Good US 100	2.7	-38.4	31.7	11.4	-0.4	19.6	31.7	18.0	2.4	12.3
FTSE4Good US Benchmark	2.5	-38.4	33.0	11.7	-0.9	19.3	31.7	17.9	2.1	12.7
FTSE USA	6.0	-36.8	27.2	15.1	1.7	16.3	32.8	13.3	1.0	11.8
FTSE4Good Europe 50	11.1	-43.4	31.5	-3.1	-6.9	18.2	23.1	-6.8	-4.5	-1.6
FTSE4Good Europe Benchmark	11.4	-45.0	36.9	1.5	-9.2	21.2	26.6	-4.7	-2.7	-0.7
FTSE Developed Europe	14.9	-45.9	37.3	4.4	-11.2	20.2	26.2	-5.6	-1.9	0.1
FTSE4Good Australia 30	26.7	-47.8	71.3	13.7	-6.8	26.0	6.5	-0.9	-11.7	11.9
FTSE Australia	30.2	-50.8	76.5	15.5	-10.8	21.6	4.5	-3.3	-9.5	12.7
FTSE4Good Japan Benchmark	-6.1	-28.0	5.4	12.4	-13.9	11.8	29.2	-4.9	11.8	2.1
FTSE Japan	-4.8	-28.6	5.8	15.4	-13.5	8.1	27.3	-3.3	11.1	2.8

INFORMATION

Index Universe

FTSE Developed Index

Index Launch

1 November 2001

Base Date

29 June 2001

Base Value

5000

Investability Screen

Actual free float applied and liquidity screened

Index Calculation

Real-time and end-of-day indexes available

End-of-Day Distribution

Via FTP and email

Currency

USD, GBP, EUR, JPY

Review Dates

Semi-annually in June and December

^{**} Volatility – 1YR based on 12 months daily data. 3YR based on weekly data (Wednesday to Wednesday). 5YR based on monthly data

Return/Risk Ratio and Drawdown - Total Return

Index (USD)		Return/Ri	sk Ratio		Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE4Good Global 100	2.5	0.4	1.1	0.2	-4.8	-17.4	-17.4	-59.1
FTSE4Good Global Benchmark	2.7	0.4	1.2	0.2	-4.7	-18.4	-18.4	-59.6
FTSE Developed	2.7	0.5	1.2	0.3	-4.7	-17.6	-17.6	-57.4
FTSE4Good UK 50	1.2	-0.2	0.4	0.0	-8.2	-28.7	-28.7	-62.7
FTSE4Good UK Benchmark	1.2	-0.1	0.5	0.0	-8.6	-27.1	-27.1	-63.4
FTSE All-Share	1.2	-0.1	0.5	0.0	-8.6	-27.3	-27.3	-63.6
FTSE4Good US 100	2.5	1.0	1.6	0.5	-4.0	-13.5	-13.5	-57.5
FTSE4Good US Benchmark	2.5	0.9	1.6	0.5	-4.1	-13.8	-13.8	-57.6
FTSE USA	2.2	0.8	1.5	0.5	-4.4	-13.9	-13.9	-54.7
FTSE4Good Europe 50	1.5	-0.1	0.6	0.0	-8.6	-27.5	-27.5	-61.6
FTSE4Good Europe Benchmark	1.8	0.0	0.7	0.1	-8.4	-25.1	-25.1	-62.7
FTSE Developed Europe	1.8	0.0	0.8	0.1	-8.5	-25.1	-25.1	-62.7
FTSE4Good Australia 30	1.1	-0.1	0.3	0.2	-9.3	-34.6	-34.6	-64.5
FTSE Australia	1.3	0.0	0.3	0.1	-7.7	-34.3	-34.3	-65.6
FTSE4Good Japan Benchmark	1.5	0.3	0.8	0.1	-8.0	-24.1	-24.1	-51.8
FTSE Japan	1.3	0.4	0.8	0.1	-6.9	-22.7	-22.7	-51.1

Return/Risk Ratio – based on compound annual returns and volatility in Performance and Volatility table Drawdown - based on daily data

Top 5 Constituents (by MCap) - FTSE4Good Global Index

Constituent	Country	ICB Sector	Net MCap (USDm)	Wgt %
Apple Inc.	USA	Technology Hardware & Equipment	750,362	3.44
Microsoft Corp	USA	Software & Computer Services	516,287	2.37
Johnson & Johnson	USA	Pharmaceuticals & Biotechnology	356,243	1.63
Alphabet Class A	USA	Software & Computer Services	276,312	1.27
Alphabet Class C	USA	Software & Computer Services	274,360	1.26
Totals			2,173,564	9.96

Top 5 Constituents (by MCap) - FTSE4Good UK Index

Constituent	ICB Sector	Net MCap (USDm)	Wgt %
HSBC Hldgs	Banks	185,290	8.44
Royal Dutch Shell A	Oil & Gas Producers	118,308	5.39
GlaxoSmithKline	Pharmaceuticals & Biotechnology	102,558	4.67
Royal Dutch Shell B	Oil & Gas Producers	100,324	4.57
AstraZeneca	Pharmaceuticals & Biotechnology	84,392	3.84
Totals		590,872	26.92

Top 5 Constituents (by MCap) - FTSE4Good US Index

Constituent	ICB Sector	Net MCap (USDm)	Wgt %
Apple Inc.	Technology Hardware & Equipment	750,362	6.97
Microsoft Corp	Software & Computer Services	516,287	4.80
Johnson & Johnson	Pharmaceuticals & Biotechnology	356,243	3.31
Alphabet Class A	Software & Computer Services	276,312	2.57
Alphabet Class C	Software & Computer Services	274,360	2.55
Totals		2,173,564	20.19

Top 5 Constituents (by MCap) - FTSE4Good Europe Index

Constituent	Country	ICB Sector	Net MCap (USDm)	Wgt %
Nestle	Switzerland	Food Producers	269,920	3.68
Novartis (REGD)	Switzerland	Pharmaceuticals & Biotechnology	195,797	2.67
HSBC Hldgs	UK	Banks	185,290	2.53
Roche Hldgs (GENUS)	Switzerland	Pharmaceuticals & Biotechnology	179,125	2.44
Royal Dutch Shell A	UK	Oil & Gas Producers	118,308	1.61
Totals			948,440	12.93

Global & US ICB Industry Breakdown

	FTSE4 Glo Bench	bal	FTSE Developed			FTSE4Good US Benchmark		FTSE USA		
ICB Industry	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %
Oil & Gas	28	3.40	91	5.78	-2.38	4	1.10	38	5.86	-4.76
Basic Materials	67	4.54	149	4.45	0.09	9	1.72	24	2.25	-0.53
Industrials	141	10.29	390	13.15	-2.86	31	9.23	91	11.85	-2.62
Consumer Goods	115	12.28	304	13.80	-1.52	27	8.57	76	10.28	-1.72
Health Care	67	13.90	148	11.52	2.38	25	17.09	57	13.28	3.81
Consumer Services	129	8.93	292	10.72	-1.79	49	11.34	89	13.02	-1.68
Telecommunications	32	4.64	49	2.91	1.73	4	4.01	7	2.18	1.83
Utilities	30	1.66	90	3.22	-1.56	3	0.46	31	3.13	-2.67
Financials	202	24.02	448	21.99	2.02	40	17.73	130	19.27	-1.54
Technology	72	16.34	135	12.46	3.88	34	28.76	69	18.88	9.88
Totals	883	100.00	2096	100.00		226	100.00	612	100.00	

Europe & UK ICB Industry Breakdown

	FTSE4 Euro Bench	pe	FTSE Developed Europe			FTSE4Good UK Benchmark		FTSE All-Share		
ICB Industry	No. of Cons		No. of Cons	Wgt %		No. of Cons		No. of Cons		Diff %
Oil & Gas	13	6.23	18	6.52	-0.30	5	10.15	18	11.39	-1.24
Basic Materials	34	7.85	44	7.62	0.24	16	6.55	30	6.59	-0.03
Industrials	66	12.09	110	14.00	-1.91	46	8.94	112	11.41	-2.46
Consumer Goods	44	16.96	75	18.94	-1.97	19	11.96	42	15.43	-3.47
Health Care	27	13.17	41	12.44	0.74	10	12.10	22	9.32	2.78
Consumer Services	53	7.11	64	6.47	0.65	50	12.88	93	11.31	1.57
Telecommunications	18	4.40	21	3.89	0.51	3	4.92	6	3.79	1.13
Utilities	22	3.68	28	3.79	-0.10	7	4.39	7	3.19	1.20
Financials	88	24.44	122	22.71	1.73	45	27.10	297	26.70	0.41
Technology	14	4.05	17	3.62	0.43	9	1.00	16	0.88	0.12
Totals	379	100.00	540	100.00		210	100.00	643	100.00	

Japan & Australia ICB Industry Breakdown

Japan a Mada and Louis Japan and Angel and Ang												
	FTSE4 Jap Bench	an	FTSE Japan			FTSE4Good Australia 30		FTSE Australia				
ICB Industry	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %		
Oil & Gas	3	0.69	6	0.83	-0.14	2	3.39	6	4.22	-0.83		
Basic Materials	12	3.92	40	6.36	-2.44	4	14.96	14	13.46	1.50		
Industrials	32	12.00	113	21.99	-9.99	6	9.19	17	9.99	-0.80		
Consumer Goods	33	27.31	97	24.57	2.75	-	-	2	1.11	-1.11		
Health Care	11	8.04	35	6.89	1.14	2	8.20	6	7.45	0.75		
Consumer Services	11	7.40	75	10.65	-3.25	1	3.76	14	9.76	-6.00		
Telecommunications	4	10.74	5	5.24	5.50	1	2.04	3	1.67	0.37		
Utilities	2	1.13	13	2.07	-0.94	2	3.32	3	2.45	0.88		
Financials	21	22.06	76	16.20	5.86	12	55.14	29	49.90	5.24		
Technology	19	6.71	33	5.19	1.52	-	-	-	-	0.00		
Totals	148	100.00	493	100.00		30	100.00	94	100.00			

Country Breakdown

	FTSE4Good Glo	bal Benchmark	FTSE De	veloped	
Country	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %
Australia	53	3.80	94	2.69	1.10
Austria	5	0.11	7	0.09	0.02
Belgium	7	0.63	13	0.43	0.19
Canada	27	3.38	65	3.15	0.24
Denmark	14	0.92	19	0.65	0.27
Finland	10	0.46	14	0.40	0.06
France	67	5.45	84	3.68	1.77
Germany	41	4.51	71	3.51	1.00
Hong Kong	14	0.90	91	1.42	-0.52
Ireland	1	0.03	5	0.08	-0.05
Israel	4	0.22	26	0.21	0.00
Italy	20	1.27	35	0.91	0.36
Japan	148	7.67	493	9.26	-1.59
Korea	19	0.65	126	1.92	-1.27
Netherlands	20	2.00	25	1.23	0.78
New Zealand	5	0.07	14	0.10	-0.03
Norway	8	0.33	11	0.22	0.11
Portugal	4	0.10	4	0.06	0.04
Singapore	8	0.34	35	0.49	-0.15
Spain	26	2.08	30	1.27	0.82
Sweden	26	1.55	39	1.10	0.46
Switzerland	22	4.80	47	3.19	1.61
UK	108	9.39	136	6.75	2.64
USA	226	49.35	612	57.20	-7.86
Totals	883	100.00	2096	100.00	

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Data definitions available from info@ftserussell.com

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