

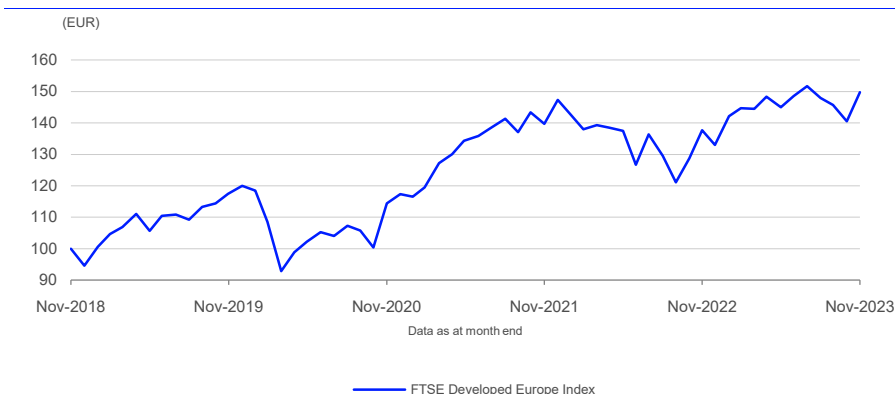
FTSE RAFI™ Europe Index

Data as at: 30 November 2023

FTSE partners with Research Affiliates on the FTSE RAFI Index Series. Index constituents are weighted using a composite of fundamental factors, including total cash dividends, free cash flow, total sales and book equity value. Prices and market values are not determinants of the index weights. Consequently the indices are less prone to excessive concentration arising from market fads, which can result in over-exposure to individual companies, sectors or countries.

The FTSE RAFI Europe Index comprises European stocks with the largest RAFI fundamental scores selected from the FTSE RAFI Developed ex US 1000 Index.

5-Year Performance - Total Return



Performance and Volatility - Total Return

Index (EUR)	Return %						Return pa %*		Volatility %**		
	3M	6M	YTD	12M	3YR	5YR	3YR	5YR	1YR	3YR	5YR
FTSE Developed Europe Index	1.3	3.3	12.6	8.8	30.9	49.8	9.4	8.4	12.0	12.2	16.4

* Compound annual returns measured over 3 and 5 years respectively

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

Year-on-Year Performance - Total Return

Index % (EUR)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
FTSE RAFI Europe Index	24.8	6.9	4	7.3	11.2	-10.6	22.1	-8.2	27.3	-3.4
FTSE Developed Europe Index	20.8	7.4	9.3	3.1	11.1	-10.1	26.9	-2.2	25.5	-9.7

Return/Risk Ratio and Drawdown - Total Return

Index (EUR)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE RAFI Europe Index	0.8	0.9	0.4	0.4	-8.4	-17.8	-39.3	-39.3
FTSE Developed Europe Index	0.7	0.7	0.5	0.5	-8.3	-20.0	-35.4	-35.4

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

Drawdown – based on daily data

FEATURES

Coverage

The index covers the following markets:
Austria, Belgium/Luxembourg, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the UK.

Objective

The index is designed for use in the creation of a range of financial products, including index-linked funds, ETFs and over-the-counter (OTC) products.

Liquidity

Stocks are screened to ensure that the index is tradable.

Transparency

Index methodologies are freely available on the FTSE Russell website.

Availability

The index is calculated based on price and total return methodologies.

Industry Classification Benchmark (ICB)

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

Methodology

See www.ftserussell.com for a full explanation of the FTSE RAFI methodology.

Top 10 Constituents - FTSE RAFI Europe Index (% Weight)

Constituent	Country	ICB Sector	FTSE RAFI Europe (Wgt %)	FTSE Developed Europe (Wgt %)	Diff %
Shell	United Kingdom	Oil, Gas and Coal	4.24	2.09	2.15
TotalEnergies SE	France	Oil, Gas and Coal	2.48	1.47	1.02
BP	United Kingdom	Oil, Gas and Coal	2.00	0.99	1.01
HSBC Hldgs	United Kingdom	Banks	1.85	1.45	0.40
Nestle	Switzerland	Food Producers	1.74	2.94	-1.20
Allianz SE	Germany	Nonlife Insurance	1.55	0.96	0.59
Novartis (REGD)	Switzerland	Pharmaceuticals and Biotechnology	1.37	1.95	-0.58
Roche Hldgs (GENUS)	Switzerland	Pharmaceuticals and Biotechnology	1.23	1.81	-0.58
BNP Paribas	France	Banks	1.17	0.65	0.52
Enel	Italy	Electricity	1.17	0.53	0.64
Totals			18.80	14.84	

Country Breakdown

Country	FTSE RAFI Europe		FTSE Developed Europe		Diff %
	No. of Cons	Wgt %	No. of Cons	Wgt %	
Austria	7	0.53	8	0.34	0.20
Belgium	12	1.43	14	1.49	-0.06
Denmark	16	1.85	19	4.88	-3.03
Finland	18	2.09	15	1.69	0.40
France	67	16.67	70	17.69	-1.02
Germany	63	16.22	73	13.00	3.22
Ireland	4	0.28	5	0.42	-0.14
Italy	30	6.90	35	4.35	2.55
Netherlands	27	4.57	31	6.81	-2.24
Norway	12	1.17	18	1.11	0.06
Poland	5	0.42	10	0.51	-0.08
Portugal	4	0.45	4	0.33	0.13
Spain	26	5.56	24	4.25	1.32
Sweden	43	3.97	55	4.84	-0.87
Switzerland	43	10.32	52	14.65	-4.33
UK	118	27.55	107	23.65	3.91
Totals	495	100.00	540	100.00	

INFORMATION

Index Universe

European constituents of the FTSE RAFI
Developed ex US 1000 Index

Index Launch

4 May 2006

Base Date

30 December 2005

Base Value

5000

Index Calculation

End of day

End-of-Day Distribution

Via FTP and email

Currency

Euro

Review Dates

Annually in March

ICB Supersector Breakdown

ICB Code	ICB Supersector	FTSE RAFI Europe		FTSE Developed Europe		Diff %
		No. of Cons	Wgt %	No. of Cons	Wgt %	
1010	Technology	18	2.52	22	7.64	-5.12
1510	Telecommunications	21	4.37	22	2.64	1.73
2010	Health Care	33	8.79	51	15.23	-6.44
3010	Banks	42	14.39	38	8.64	5.75
3020	Financial Services	29	3.21	32	3.68	-0.47
3030	Insurance	31	7.94	30	5.51	2.43
3510	Real Estate	20	1.36	21	1.11	0.25
4010	Automobiles and Parts	16	5.10	16	2.56	2.54
4020	Consumer Products and Services	28	3.33	30	6.40	-3.07
4030	Media	10	1.17	12	1.86	-0.69
4040	Retailers	11	1.00	11	0.95	0.05
4050	Travel and Leisure	11	0.65	10	0.97	-0.32
4510	Food, Beverage and Tobacco	20	5.58	28	7.43	-1.85
4520	Personal Care, Drug and Grocery Stores	12	2.93	14	2.85	0.08
5010	Construction and Materials	19	3.54	23	3.44	0.10
5020	Industrial Goods and Services	86	9.91	97	13.18	-3.27
5510	Basic Resources	23	4.03	18	2.65	1.38
5520	Chemicals	20	2.87	21	2.75	0.13
6010	Energy	21	11.44	17	6.39	5.04
6510	Utilities	24	5.88	27	4.13	1.75
Totals		495	100.00	540	100.00	

Index Characteristics

Attributes	FTSE RAFI Europe	FTSE Developed Europe
Number of constituents	495	540
Dividend Yield %	4.30	3.27
Constituent (Wgt %)		
Average	0.20	0.19
Largest	4.24	3.07
Median	0.08	0.07
Top 10 Holdings (Wgt %)	18.81	21.25



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