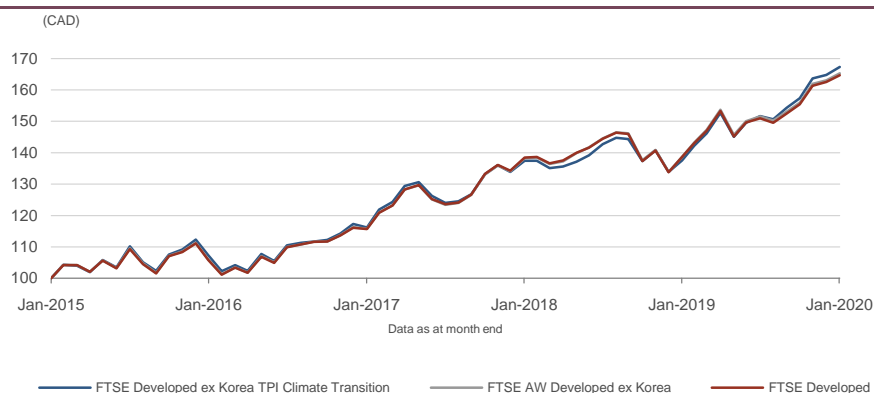


FTSE Developed ex Korea TPI Climate Transition Index

Data as at: 31 January 2020

The FTSE Developed ex Korea TPI Climate Transition Index is designed to reflect the performance of a global and diversified basket of securities, where constituent weights vary to account for risks and opportunities associated with the transition to a low carbon economy. Constituent weights are based on five key climate considerations: company exposure to green revenues, fossil fuel reserves and carbon emissions; as well as companies' climate governance activities (aligned with the Taskforce on Climate-related Financial Disclosures' recommendations) and forward-looking commitments to carbon emission pathways (aligned to the Paris Agreement and 2DC/1.5DC warming scenarios). The index combines data and analysis from FTSE Russell and the Transition Pathway Initiative (TPI).

5-Year Performance - Total Return



Performance and Volatility - Total Return

Index (CAD)	Return %						Return pa %*		Volatility %**		
	3M	6M	YTD	12M	3YR	5YR	3YR	5YR	1YR	3YR	5YR
FTSE Developed ex Korea TPI Climate Transition	6.3	10.4	1.6	21.7	44.0	67.3	12.9	10.8	8.8	9.9	10.1
FTSE AW Developed ex Korea	6.0	9.1	1.3	19.2	42.7	65.3	12.6	10.6	8.9	10.2	10.1
FTSE Developed	5.9	9.1	1.3	18.8	42.3	64.6	12.5	10.5	8.9	10.2	10.0

* 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 % (CAD)	2015	2016	2017	2018	2019
FTSE Developed ex Korea TPI Climate Transition	20.3	4.4	14.1	0.0	23.1
FTSE AW Developed ex Korea	19.7	4.4	15.3	-0.1	21.8
FTSE Developed	19.6	4.5	15.7	-0.4	21.5

FEATURES

Coverage

Derived from the FTSE Developed ex Korea index, which represents large and mid cap companies in Developed markets excluding Korea.

Liquidity

Stocks in the universe index are screened to ensure that the index is tradable.

Transparency

Index methodologies are freely available on the FTSE Russell website.

Availability

The indexes are calculated based on price and total return methodologies and available 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.

Return/Risk Ratio and Drawdown - Total Return

Index (CAD)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE Developed ex Korea TPI Climate Transition	2.4	1.3	1.1	-	-5.1	-13.1	-13.1	-
FTSE AW Developed ex Korea	2.1	1.3	1.0	1.3	-5.6	-14.3	-14.3	-15.4
FTSE Developed	2.0	1.3	1.0	1.3	-5.6	-14.2	-14.2	-15.4

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

Drawdown - based on daily data

Top 10 Constituents

Constituent	Country	ICB Sector	Net MCap (CADm)	Wgt %
Microsoft Corp	USA	Software & Computer Services	1,989,689	4.33
Apple Inc.	USA	Technology Hardware & Equipment	1,607,793	3.50
JPMorgan Chase & Co	USA	Banks	863,006	1.88
Johnson & Johnson	USA	Pharmaceuticals & Biotechnology	769,715	1.68
Alphabet Class C	USA	Software & Computer Services	675,190	1.47
Alphabet Class A	USA	Software & Computer Services	664,458	1.45
Mastercard CL A	USA	Financial Services	589,288	1.28
Bank of America	USA	Banks	562,800	1.22
Home Depot	USA	General Retailers	444,796	0.97
Nestle	Switzerland	Food Producers	424,142	0.92
Totals			8,590,877	18.70

ICB Supersector Breakdown

ICB Code	ICB Supersector	FTSE Developed ex Korea TPI Climate Transition		FTSE AW Developed ex Korea		Diff %
		No. of Cons	Wgt %	No. of Cons	Wgt %	
0500	Oil & Gas	23	0.89	82	4.58	-3.69
1300	Chemicals	47	2.18	79	2.10	0.07
1700	Basic Resources	27	0.93	60	1.45	-0.52
2300	Construction & Materials	30	1.37	62	1.22	0.16
2700	Industrial Goods & Services	177	11.32	321	12.31	-0.99
3300	Automobiles & Parts	21	0.45	63	1.94	-1.49
3500	Food & Beverage	56	4.41	94	3.96	0.45
3700	Personal & Household Goods	62	5.25	117	5.35	-0.10
4500	Health Care	79	12.64	150	12.10	0.54
5300	Retail	54	6.68	123	6.39	0.29
5500	Media	28	2.33	63	2.46	-0.12
5700	Travel & Leisure	28	2.26	97	2.51	-0.25
6500	Telecommunications	26	2.71	43	2.56	0.16
7500	Utilities	50	5.66	89	3.56	2.10
8300	Banks	69	11.30	122	7.51	3.79
8500	Insurance	55	4.50	90	4.66	-0.16
8600	Real Estate	52	1.43	120	3.16	-1.73
8700	Financial Services	41	4.70	103	4.86	-0.16
9500	Technology	76	18.99	147	17.34	1.66
Totals		1001	100.00	2025	100.00	

INFORMATION

Index Universe

FTSE Developed ex Korea Index

Index Launch

31 January 2020

Base Date

16 September 2011

Base Value

1000

Investability Screen

Actual free float and liquidity screen applied to underlying

Index Calculation

Indexes calculated end-of-day

End-of-Day Distribution

Via FTP and email

Currency

USD, GBP, EUR, JPY, AUD, CNY, HKD, CAD

Review Dates

Annually in September

Country Breakdown

Country	FTSE Developed ex Korea TPI Climate Transition		FTSE AW Developed ex Korea		Diff %
	No. of Cons	Wgt %	No. of Cons	Wgt %	
Australia	42	2.82	103	2.50	0.32
Austria	2	0.02	8	0.07	-0.05
Belgium	4	0.18	13	0.33	-0.14
Canada	36	2.70	57	3.07	-0.37
Denmark	11	0.77	21	0.64	0.13
Finland	10	0.44	15	0.41	0.03
France	62	3.72	87	3.60	0.13
Germany	35	2.94	81	2.91	0.03
Hong Kong	16	0.58	91	1.24	-0.66
Ireland	3	0.05	5	0.08	-0.04
Israel	6	0.14	27	0.18	-0.03
Italy	19	1.06	40	0.87	0.19
Japan	186	8.42	503	8.72	-0.30
Netherlands	21	1.41	28	1.27	0.14
New Zealand	6	0.16	12	0.11	0.05
Norway	4	0.11	16	0.22	-0.11
Poland	-	-	14	0.10	-0.10
Portugal	4	0.11	4	0.06	0.05
Singapore	9	0.21	37	0.44	-0.24
Spain	24	1.62	28	0.94	0.69
Sweden	28	0.77	45	0.91	-0.13
Switzerland	35	3.75	49	3.16	0.59
UK	89	5.82	127	5.62	0.21
USA	349	62.19	614	62.57	-0.39
Totals	1001	100.00	2025	100.00	

Index Characteristics

Attributes	FTSE Developed ex Korea TPI Climate Transition	FTSE AW Developed ex Korea
Number of constituents	1001	2025
Dividend Yield %	2.51	2.35
Constituent (Wgt %)		
Average	0.10	0.05
Largest	4.33	3.09
Median	0.03	0.02
Top 10 Holdings (Wgt %)	18.70	14.17

Partner

FTSE partners with the Transition Pathway Initiative on the FTSE TPI Climate Transition Index Series.

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