List of APAC domiciled ETPs linked to FTSE Russell indices

- Q4 2023





## List of APAC ETPs linked to FTSE Russell equity indices – Q4 2023

Asset class	Product name	Ticker	Benchmark index	Issuance date	Index code
Equity - APAC	China Southern - CSOP CGS-CIMB FTSE Asia Pacific Low Carbon Index ETF QDII [cross-listing]	159687	FTSE Asia Pacific Low Carbon Index	12/30/2022	GPCSP006
Equity - APAC	CSOP CGS-CIMB FTSE Asia Pacific Low Carbon Index ETF	LCS	FTSE Asia Pacific Low Carbon Index	9/28/2022	GPCSP006
Equity - APAC	Smartshares Asia Pacific	APA	FTSE Developed Asia Pacific NR USD	7/29/2015	AWDPACM
Equity - Asia ex-Japan	Vanguard FTSE Asia ex Japan Shrs ETF	VAE	FTSE AW Ex US NR AUD	12/9/2015	AWPXJAN
Equity - Australia	Betashares FTSE 100 index hedged to AUD ETF	H100	FTSE 100 hedged to AUD index	9/30/2023	UKXAH
Equity - Australia	BetaShares FTSE RAFI Australia 200 ETF	QOZ	FTSE RAFI Australia 200 TR AUD	7/10/2013	FRAU200
Equity - Australia	Russell Inv Australian Rspnb Inv ETF	RARI	Russell Australia ESG High Div TR AUD	4/1/2015	ESG
Equity - Australia	Russell Inv High Dividend Aus Shrs ETF	RDV	Russell Australia High Dividend TR AUD	5/14/2010	REOD0075
Equity - Australia	Vanguard Australian Shares High Yld ETF	VHY	FTSE Australia High Div Yld TR AUD	5/23/2011	GPVAN013
Equity - Australia	Vanguard Etclly Cons Intl Shrs ETF	VESG	FTSE Developed ex Aus Choice NR AUD	9/11/2018	FGCDXAU

Asset class	Product name	Ticker	Benchmark index	Issuance date	Index code
Equity - Australia	Vanguard Ethically Cnscs Aust Shrs ETF	VETH	FTSE Australia 300 Choice TR AUD	10/12/2020	FAUCI
Equity - Emerging Markets	Cathay FTSE Emerging Markets ETF	736	FTSE EMs China A Inclusion TR USD	5/29/2018	FQEAC
Equity - Emerging Markets	Smartshares Emerging Markets	EMF	FTSE EMs AC China A Inclusion NR USD	7/29/2015	FQEAC
Equity - Emerging Markets	Vanguard FTSE Emerging Markets Shrs ETF	VGE	FTSE EMs AC China A Inclusion NR AUD	11/18/2013	FQEAC
Equity - Europe Large Cap	Fubon FTSE Developed Europe ETF	709	FTSE Developed Europe PR EUR	8/7/2017	AWDEURS
Equity - Europe Large Cap	Smartshares Europe	EUF	FTSE Developed Europe All Cap NR USD	7/29/2015	GDEURS
Equity - Europe Large Cap	Vanguard FTSE Europe Shares ETF	VEQ	FTSE Developed Europe All Cap NR AUD	12/9/2015	GDEURS
Equity - Global Equity Large Cap	Smartshares Total World	TWF	FTSE Global All Cap NR USD	7/29/2015	GEISLMS
Equity - Global Equity Large Cap	Smartshares Total World (NZD Hedged) ETF	TWH	FTSE Global All Cap Hdg TR NZD	7/14/2020	GEISLMS
Equity - Global Equity Large Cap	Vanguard All-World ex-US Shares ETF	VEU:AU	FTSE AW Ex US NR AUD	5/8/2009	AWXUSAS
Equity - Greater China	Amundi FTSE China A50 ETF	82843	FTSE China A50 NR CNY	10/31/2016	XIN9
Equity - Greater China	Capital FTSE Divest-Invest China A50 Index Total Return ETN	20009	FTSE Divest Invest China A50 Index	4/30/2019	FDIC50
Equity - Greater China	Cathay FTSE China A50 Daily Inversed ETF	00656R	FTSE China A50 PR CNY	3/8/2016	XIN9
Equity - Greater China	Cathay FTSE China A50 Daily Lvg 2X ETF	00655L	FTSE China A50 PR CNY	3/8/2016	XIN9

FTSE Russell

3

Asset class	Product name	Ticker	Benchmark index	Issuance date	Index code
Equity - Greater China	Cathay FTSE China A50 ETF	636	FTSE China A50 TR CNY	3/20/2015	XIN9
Equity - Greater China	China Southern FTSE China SOE Sustainable Prosperity Index ETF	517180	FTSE China SOE Sustainable Prosperity Index	12/28/2021	GPCCH003
Equity - Greater China	CSOP FTSE China A50 Daily -1x Inverse Index	7348	FTSE China A50 Daily Inverse -1x Index	1/20/2021	XIN9
Equity - Greater China	CSOP FTSE China A50 Daily 2x Leveraged Index	7248	FTSE China A50 Daily Leverage 2x Index	1/20/2021	XIN9
Equity - Greater China	CSOP FTSE China A50 ETF	82822	FTSE China A50 NR CNY	8/28/2012	XIN9
Equity - Greater China	Guotai FTSE China SOE Sustainable Prosperity Index ETF	517090	FTSE China SOE Sustainable Prosperity Index	12/28/2021	GPCCH003
Equity - Greater China	Hang Seng FTSE China 50 ETF	2838	FTSE China 50 PR HKD	6/1/2005	XIN0
Equity - Greater China	Harvest FuShi China A50 ETF	512550	FTSE China A50 PR CNY	7/3/2017	XIN9
Equity - Greater China	HORIZON Fushi ChinaA 50 ETF	512150	FTSE China A 50	12/21/2018	XIN9
Equity - Greater China	iShares China Large-Cap ETF (AU)	IZZ	FTSE China 50 NR AUD	9/7/2018	XIN0
Equity - Greater China	iShares FTSE A50 China ETF	82823	FTSE China A50 NR CNY	11/15/2004	XIN9
Equity - Greater China	KODEX FTSE China A50	169950	FTSE China A50 PR CNY	1/9/2013	XIN9
Equity - Greater China	Ping An FTSE China SOE Sustainable Prosperity Index ETF	159719	FTSE China SOE Sustainable Prosperity Index	12/28/2021	GPCCH003

Asset class	Product name	Ticker	Benchmark index	Issuance date	Index code
Equity - Greater China	Principal FTSE China 50 ETF	0823EA	FTSE China 50 PR HKD	7/9/2010	XIN0
Equity - Greater China	VanEck Vectors FTSE China A50 ETF	CETF	FTSE China A50 NR AUD	4/23/2020	XINA50N
Equity - Infrastructure	iShares Core FTSE Global Infrastructure (AUD Hedged) ETF	GLIN	FTSE Developed Core Infrastructure 50/50 100% Hedged to AUD Net Tax Index	5/18/2023	FDCICAHN
Equity - Infrastructure	Smartshares Global Infrastructure ETF	INF	FTSE Developed Core Infrastructure 50/50 100% Hedged to NZD Index	6/29/2023	FDCIICNH
Equity - Infrastructure	Vanguard Global Infrastructure ETF	VBLD	FTSE Dvlp Core Infrastructure NR AUD	10/19/2018	FDCII
Equity - Infrastructure	VanEck Vectors FTSE Glbl Infras(Hdg)ETF	IFRA	FTSE Dvlp Core Infra 50/50 NR Hdg AUD	4/29/2016	FDCICAH
Equity - Japan	Daiwa ETF FTSE Blossom Japan Index	1654	FTSE Blossom Japan PR JPY	9/25/2017	FTSEBLOJAP
Equity - Japan	One ETF ESG	1498	FTSE Blossom Japan PR JPY	11/27/2017	FTSEBLOJAP
Equity - Middle East	CSOP Saudi Arabia ETF	2830	FTSE Saudi Arabia Index	11/29/2023	WISAU
Equity - Real Estate Sector	Fuh Hwa FTSE Mortgage REITs ETF	712	FTSE Nareit Mortgage REITs PR	8/9/2017	FTSENUSRE
Equity - Real Estate Sector	iShares Core FTSE Global Property Ex Australia (AUD Hedged) ETF	GLPR	FTSE EPRA Nareit Developed ex-Australia Rental AUD Hedged Net Tax Index	5/18/2023	TRAHRA
Equity - Real Estate Sector	iShares Japan Green REIT ETF	2852	FTSE EPRA Nareit Japan REITs Green Focus Select Index - JIT	5/24/2022	FENJRGF
Equity - Real Estate Sector	iShares US REIT ETF	1659	FTSE NAREIT Equity REITs TR JPY	9/27/2017	FNRE
Equity - Real Estate Sector	Listed Index Fund Asian REIT	1495	FTSE EPRA Nareit Asia xJP REIT10% TR JPY	6/22/2017	ENAA

FTSE Russell

5

Asset class	Product name	Ticker	Benchmark index	Issuance date	Index code
Equity - Real Estate Sector	NikkoAM-StraitsTrding Asia ex Japan REIT	CFA	FTSE EPRA Nareit Asia ex JAP REIT NR SGD	3/29/2017	EPAXJRU
Equity - Real Estate Sector	Smartshares Global Property ETF	GPR	FTSE EPRA Nareit Developed ex Aus Rental 100% Hedged to NZD Index	6/29/2023	GAURNZDH
Equity - Real Estate Sector	VanEck Vectors FTSE Intl Prop Hdg ETF	REIT	FTSE EPRA Nareit Dv ExAUS Rtl TR Hgd AUD	3/21/2019	RGAA
Equity - Southeast Asia	CSOP FTSE Vietnam 30 ETF	3004:HK	FTSE Vietnam 30 Index	9/20/2022	FIVNM30
Equity - Southeast Asia	FTSE Bursa Malaysia KLCI ETF	0820EA	FTSE Bursa Malaysia KLCI TR MYR	6/7/2007	FBMKLCI
Equity - Southeast Asia	Fubon FTSE Vietnam ETF	00885	FTSE Vietnam 30 Index	4/19/2021	FIVNM30
Equity - Southeast Asia	Indeks Insight ETF FTSE Indonesia Low Volatility Factor Index	XILV	FTSE Indonesia Low Volatility	6/11/2020	LVFIDN
Equity - Southeast Asia	Kenanga KLCI Daily (-1x) Inverse ETF	0835EA	FTSE Bursa Malaysia KLCI PR MYR	1/13/2020	FBMKLCI
Equity - Southeast Asia	Kenanga KLCI Daily 2x Leveraged ETF	0834EA	FTSE Bursa Malaysia KLCI PR MYR	1/13/2020	FBMKLCI
Equity - Southeast Asia	NEXT FUNDS FTSE Bursa Malaysia KLCI ETF	1560	FTSE Bursa Malaysia KLCI TR JPY	5/10/2011	FBMKLCI
Equity - Southeast Asia	Nikko AM Singapore STI ETF	G3B	FTSE/SGX STI TR SGD	2/24/2009	STI
Equity - Southeast Asia	Pinnacle FTSE Indonesia ETF	XPFT	FTSE Indonesia	9/10/2018	WIIDN
Equity - Southeast Asia	Principal FTSE ASEAN 40	M62	FTSE/Asean 40 PR USD	9/19/2006	AS40IND
Equity - Southeast Asia	Principal FTSE ASEAN 40 Malaysia	0822EA	FTSE/Asean 40 PR USD	7/9/2010	AS40IND

FTSE Russell

6

Asset class	Product name	Ticker	Benchmark index	Issuance date	Index code
Equity - Southeast Asia	Reksa Dana Indeks Premier FTSE Indonesia ESG	XIFE	FTSE Indonesia ESG Index	3/25/2021	ESGIDN
Equity - Southeast Asia	SPDR® Straits Times Index ETF	ES3	FTSE/SGX STI PR SGD	4/11/2002	STI
Equity - Taiwan	Fubon FTSE Taiwan Daily (-1x) Inverse ETF	7332:HK	FTSE Taiwan RIC Capped -1x Inverse Index	5/28/2021	FTCRTWN
Equity - Taiwan	Fubon FTSE Taiwan Daily (2x) Leveraged ETF	7232:HK	FTSE Taiwan RIC Capped 2x Leverage Index	5/28/2021	FTCRTWN
Equity - Taiwan	Fubon FTSE Taiwan RIC Capped ETF	3021:HK	FTSE Taiwan RIC Capped Index	1/13/2022	FTCRTWN
Equity - Taiwan	Fubon Taiwan Technology Tracker	52	FTSE TWSE Technology	8/28/2006	TWTECH
Equity - Taiwan	Fubon FTSE TWSE Taiwan 50 ETF	6208	FTSE TWSE Taiwan 50 PR TWD	6/22/2012	TW50
Equity - Taiwan	Fuh Hwa FTSE Taiwan High Div Low Vol ETF	731	FTSE Taiwan High Dividend Low Volatility	4/12/2018	HDLVTW
Equity - Taiwan	iShares Clmt RiskAdj GblexJP GovBd H ETF	2853	FTSE Adv Climate Risk Adjusted WGBI ex Japan Index -JIT	5/24/2022	CFIIAXJC
Equity - Taiwan	SinoPac FTSE Taiwan Target Exposure ESG ETF	00888	FTSE Taiwan Target Exposure ESG Index	3/31/2021	FTTEESG
Equity - Taiwan	Yuanta Daily Taiwan 50 Bear -1X ETF	00632R	FTSE TWSE Taiwan 50 PR TWD	10/23/2014	TW50
Equity - Taiwan	Yuanta Daily Taiwan 50 Bull 2X ETF	00631L	FTSE TWSE Taiwan 50 PR TWD	10/23/2014	TW50
Equity - Taiwan	Yuanta FTSE4Good TIP Taiwan ESG ETF	850	FTSE4Good TIP Taiwan ESG TR TWD	8/15/2019	F4GTTE

Asset class	Product name	Ticker	Benchmark index	Issuance date	Index code
Equity - Taiwan	Yuanta/P-shares Taiwan Dividend Plus ETF	56	FTSE TWSE Taiwan Dividend Plus	12/13/2007	TWDP
Equity - Taiwan	Yuanta/P-shares Taiwan Mid-Cap 100 ETF	51	FTSE TWSE Taiwan Mid-Cap 100	8/24/2006	TW100
Equity - Taiwan	Yuanta/P-shares Taiwan Top 50 ETF	50	FTSE TWSE Taiwan 50 PR TWD	6/25/2003	TW50
Equity - UK Large Cap	BetaShares FTSE 100 ETF	F100	FTSE 100 PR AUD	7/12/2019	UKX
Equity - UK Large Cap	Korea Investment & Securities TRUE FTSE 100 ETN	570047	FTSE 100 ETN	5/22/2020	UKX
Equity - US Small Cap	KODEX US Russell 2000(H)	280930	Russell 2000 PR USD	11/7/2017	7/18/2228
Equity - US Small Cap	Shinhan Inverse 2x Russell 2000 ETN	500057:KS	Russell 2000 2x Daily Short Index	12/2/2020	R2000S2X
Equity - US Small Cap	Shinhan Inverse Russell 2000 ETN	500055:KS	Russell 2000 Daily Short Index	12/2/2020	R2000S1X
Equity - US Small Cap	Shinhan Leverage Russell 2000 ETN	500056:KS	Russell 2000 2x Daily Leveraged Index	12/2/2020	R2000L2X

## List of APAC ETPs linked to FTSE Russell fixed income indices – Q4 2023

Asset class	Product name	Ticker	Benchmark index	Issuance date	Index code
Fixed Income - Global Fixed Income	Fubon FTSE Wd Bd Inv-Gra USD Bk 10+Y ETF	00785B	FTSE WorldBIG USD Bank Bond 10+ Y TR USD	3/20/2019	CFIIWBB0
Fixed Income - Global Fixed Income	Listed Idx Fd Intl Bd (FTSE WGBI) Mthly	1677	FTSE WGBI NonJPY JIT JPY	9/25/2009	SBWGNJYU
Fixed Income - Global Fixed Income	NEXT FUNDS Intl Bd FTSE WGBI exJP H ETF	2512	FTSE WGBI NonJPY Hdg JPY	12/7/2017	SBWGNJYU
Fixed Income - Global Fixed Income	NEXT FUNDS Intl Bd FTSE WGBI exJP UH ETF	2511	FTSE WGBI NonJPY JPY	12/7/2017	SBWGNJYC
Fixed Income - Global Fixed Income	Shin Kong FTSE 15-Y Inv Gra USD Corp ETF	00775B	FTSE Wd Brd IG USD Corp 15Y Cus TR TWD	1/25/2019	CFIIWBC5
Fixed Income - Global Fixed Income	Yuanta US 10+ Investment Grade Bank ETF	00786B	FTSE WBIG USD Bank 10+Y Slct TR USD	3/22/2019	CFIIWSB0
Fixed Income - Global Fixed Income	Yuanta US 10+ Invsmt Grd Healthcare ETF	00787B	FTSE WBIG USD Healthcare 10+Y Slt TR USD	3/22/2019	CFIIWSH0
Fixed Income - Global Fixed Income	Yuanta US 10+ Ivst Grd Util Elct Pwr ETF	00788B	FTSE WBIG USD Utility 10+Y Slct TR USD	3/22/2019	CFIIWSU0
Fixed Income - Greater China	ICBC CSOP FTSE Chinese Government and Policy Bank Bond Index ETF	3199:HK	FTSE Chinese Government and Policy Bank Bond Index	6/1/2022	SBCNGL
Fixed Income - Greater China	ICBC CSOP FTSE Chinese Gov Bd Idx ETF	CYC	FTSE Chinese Gov Bond TR CNY	9/18/2020	CFIICNL

Asset class	Product name	Ticker	Benchmark index	Issuance date	Index code
Fixed Income - Greater China	Xtrackers II Harvest China Govt Bd ETF1D	CGB	FTSE Chinese Government and Policy Bank Bond 1-10 Years Capped Index	2/1/2021	CFIIGP1C
Fixed Income - Greater China	Fubon FTSE Asi Brd - China Inv-Gra ETF	00784B	FTSE Asian Broad Bond-China IG TR USD	3/20/2019	SBABCNIG
Fixed Income - Greater China	iShares China Government Bond ETF	82829	FTSE Chinese Gov Bond TR CNY	10/18/2021	CFIICNL
Fixed Income - Greater China	iShares Shrt Dur Chn Plcy Bk Bd ETF	83125	FTSE Chinese Policy Bnk Bd 6M-3Yr TR CNY	10/18/2021	CFIICP6C
Fixed Income - Greater China	Global X FTSE China Policy Bank Bond ETF	3041:HK	FTSE China Policy Bank Bond Index	10/18/2022	SBCNPL
Fixed Income - Emerging Markets	Fubon EM USD Investment Grade Bond ETF	00845B	FTSE EM USD IG Corp exCHN 5+Y Cap TR USD	7/5/2019	CFIIEUC5
Fixed Income - Europe	iShares 7-10 Year France Government Bond JPY Hedged ETF	2259	FTSE France Government Bond 7-10 Years Index – Japanese Investment Trust, currency- hedged in JPY terms	11/28/2023	CFIIFJ7C
Fixed Income - Europe	iShares Germany Government Bond JPY Hedged ETF	2856	FTSE German Government Bond Index - JIT	7/26/2022	CFIIDJY
Fixed Income - Japan	iShares Core Japan Government Bond ETF	2561	FTSE Japanese GBI JPY	2/25/2020	SBJYL
Fixed Income - Southeast Asia	SGD Money Market ETF	MMS/MMT	FTSE SGD 3-Month SOR index	10/5/2020	SGD_SOR_3M
Fixed Income - US	Fubon 1-3 Years US Treasury Bond ETF	00694B	FTSE US Treasury 1-3 Y TR USD	5/31/2017	CFIIU13L
Fixed Income - US	Fubon 20+ Years US Treasury Bond ETF	00696B	FTSE US Treasury 20+ Y TR USD	5/31/2017	CFIIU2PL
Fixed Income - US	Fubon 7-10 Years US Treasury Bond ETF	00695B	FTSE US Treasury 7-10 Y TR USD	5/31/2017	CFIIU70L

Asset class	Product name	Ticker	Benchmark index	Issuance date	Index code
Fixed Income - US	iShares 3-7 Years US Treasury Bond JPY Hedged ETF	2857	FTSE US Treasury 3-7 Years Select Index - JIT	7/26/2022	CFIIUJ37
Fixed Income - US	iShares 20+ Year US Treasury Bond ETF	2255	FTSE US Treasury 20+ Years Select Index – Japanese Investment Trust	11/28/2023	CFIIUJ2CC
Fixed Income - US	iShares 1-3 Year US Treasury Bond ETF	2620	FTSE US Treasury 1-3 Yr Sel JIT	10/14/2020	CFIIUJ13
Fixed Income - US	iShares 20+ Yr US Treasury Bd JPYHdg ETF	2621	FTSE US Treasury 20+ Yr Sel Hdg JPY JIT	10/14/2020	CFIIUJ2C
Fixed Income - US	iShares Core 7-10 Year US Trs Bd ETF	1656	FTSE US GBI 7-10 Yr JPY	9/27/2017	CFIIU70L
Fixed Income - US	iShares Core US Trs Bd 7-10 Yr JPY H ETF	1482	FTSE US GBI 7-10 Yr Hdg JPY	5/26/2016	CFIIUJ7C
Fixed Income - US	President US Treasury 7-10 Years Index ETN	02001B	FTSE US Treasury 7-10 Years Index	12/29/2020	CFIIU70L

### Additional ETP & derivatives resources

Name	Туре	Link
List of EMEA domiciled ETPs linked to FTSE Russell indices	Product guide	<u>Link</u>
List of US and Canada domiciled ETPs linked to FTSE Russell indices	Product guide	<u>Link</u>
List of global derivatives contracts linked to FTSE Russell indices	Product guide	<u>Link</u>
Advisor's guide to indexing and ETFs	Educational	<u>Link</u>
Russell 2000 Index Quarterly Chartbook	Market report	<u>Link</u>
FTSE Global Equity Index Series (GEIS)	Product highlight	<u>Link</u>
Why Index Reconstitution?	Summary	Link
The role of indices in today's capital markets	Video	<u>Link</u>

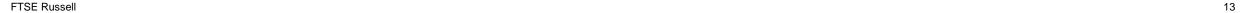
ETPs (Exchange Traded Products) are not sponsored, endorsed, issued, sold or promoted by FTSE Russell or LSEG. Nor do FTSE Russell or LSEG make any representation regarding the advisability of investing in any of the products. Product issuers listed in this document are not affiliated to FTSE Russell or LSEG.

# The right ETP starts with the right index

Deeper knowledge about how indices work can drive better portfolio outcomes.

- FTSE Russell research: lseg.com/en/ftse-russell/research
- Index-linked products: Iseg.com/en/ftse-russell/index-linked-products





#### Disclaimer

© 2024 London Stock Exchange Group plc and its applicable group undertakings (the "LSE Group"). The LSE Group includes (1) FTSE International Limited ("FTSE"), (2) Frank Russell Company ("Russell"), (3) FTSE Global Debt Capital Markets Inc. and FTSE Global Debt Capital Markets Limited (together, "FTSE Canada"), (4) FTSE Fixed Income Europe Limited ("FTSE FI Europe"), (5) FTSE Fixed Income LLC ("FTSE FI"), (6) The Yield Book Inc ("YB") and (7) Beyond Ratings S.A.S. ("BR"). All rights reserved.

FTSE Russell® is a trading name of FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, YB and BR. "FTSE®", "Russell®", "FTSE Russell®", "FTSE4Good®", "ICB®", "The Yield Book®", "Beyond Ratings®" and all other trademarks and service marks used herein (whether registered or unregistered) are trademarks and/or service marks owned or licensed by the applicable member of the LSE Group or their respective licensors and are owned, or used under licence, by FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, YB or BR. FTSE International Limited is authorised and regulated by the Financial Conduct Authority as a benchmark administrator.

All information is provided for information purposes only. All information and data contained in this publication is obtained by the LSE Group, from sources believed by it to be accurate and reliable. Because of the possibility of human and mechanical error as well as other factors, however, such information and data is provided "as is" without warranty of any kind. No member of the LSE Group nor their respective directors, officers, employees, partners or licensors make any claim, prediction, warranty or representation whatsoever, expressly, or impliedly, either as to the accuracy, timeliness, completeness, merchantability of any information or of results to be obtained from the use of FTSE Russell products, including but not limited to indexes, data and analytics, or the fitness or suitability of the FTSE Russell products for any particular purpose to which they might be put. Any representation of historical data accessible through FTSE Russell products is provided for information purposes only and is not a reliable indicator of future performance.

No responsibility or liability can be accepted by any member of the LSE Group nor their respective directors, officers, employees, partners or licensors for (a) any loss or damage in whole or in part caused by, resulting from, or relating to any error (negligent or otherwise) or other circumstance involved in procuring, collecting, compiling, interpreting, analysing, editing, transcribing, transcribing, transmitting, communicating, or delivering any such information or data or from use of this document or links to this document or (b) any direct, indirect, special, consequential or incidental damages whatsoever, even if any member of the LSE Group is advised in advance of the possibility of such damages, resulting from the use of, or inability to use, such information.

No member of the LSE Group nor their respective directors, officers, employees, partners or licensors provide investment advice and nothing in this document should be taken as constituting financial or investment advice. No member of the LSE Group nor their respective directors, officers, employees, partners or licensors make any representation regarding the advisability of investing in any asset or whether such investment creates any legal or compliance risks for the investor. A decision to invest in any such asset should not be made in reliance on any information herein. Indexes cannot be invested in directly. Inclusion of an asset in an index is not a recommendation to buy, sell or hold that asset nor confirmation that any particular investor may lawfully buy, sell or hold the asset or an index containing the asset. The general information contained in this publication should not be acted upon without obtaining specific legal, tax, and investment advice from a licensed professional.

The information contained in this report should not be considered "research" as defined in recital 28 of the Commission Delegated Directive (EU) 2017/593 of 7 April 2016 supplementing Directive 2014/65/EU of the European Parliament and of the Council ("MiFID II") and is provided for no fee.

Past performance is no guarantee of future results. Charts and graphs are provided for illustrative purposes only. Index returns shown may not represent the results of the actual trading of investable assets. Certain returns shown may reflect back-tested performance. All performance presented prior to the index inception date is back-tested performance.

Back-tested performance is not actual performance, but is hypothetical. The back-test calculations are based on the same methodology that was in effect when the index was officially launched. However, back-tested data may reflect the application of the index methodology with the benefit of hindsight, and the historic calculations of an index may change from month to month based on revisions to the underlying economic data used in the calculation of the index.

This document may contain forward-looking assessments. These are based upon a number of assumptions concerning future conditions that ultimately may prove to be inaccurate. Such forward-looking assessments are subject to risks and uncertainties and may be affected by various factors that may cause actual results to differ materially. No member of the LSE Group nor their licensors assume any duty to and do not undertake to update forward-looking assessments.

No part of this information may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission of the applicable member of the LSE Group. Use and distribution of the LSE Group data requires a licence from FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, YB, BR and/or their respective licensors.

#### **About FTSE Russell (LSEG)**

FTSE Russell is a leading global provider of index and benchmark solutions, spanning diverse asset classes and investment objectives. As a trusted investment partner we help investors make better-informed investment decisions, manage risk, and seize opportunities.

Market participants look to us for our expertise in developing and managing global index solutions across asset classes. Asset owners, asset managers, ETF providers and investment banks choose FTSE Russell solutions to benchmark their investment performance and create investment funds, ETFs, structured products, and index-based derivatives. Our clients use our solutions for asset allocation, investment strategy analysis and risk management, and value us for our robust governance process and operational integrity.

For over 35 years we have been at the forefront of driving change for the investor, always innovating to shape the next generation of benchmarks and investment solutions that open up new opportunities for the global investment community.

To learn more, visit <a href="mailto:lseg.com/ftse-russell">lseg.com/ftse-russell</a>; email <a href="mailto:info@ftserussell.com">info@ftserussell.com</a>; or call your regional Client Service team office:

#### **EMEA**

+44 (0) 20 7866 1810

North America +1 877 503 6437

Asia-Pacific

Hong Kong: +852 2164 3333 Tokyo: +81 3 6441 1430 Sydney: +61 (0) 2 7228 5659

