

EXCHANGE TRADED PRODUCTS BASED ON MSCI INDEXES

Q4 2017



ETFs, ETNs, Futures, Options

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A wide variety of financial products are based on or use MSCI indexes, including ETFs, mutual funds, insurance products, structured products, OTC derivatives and listed futures and options. This widespread use highlights the quality and global adoption of MSCI's equity indexes. A 2013 report from Greenwich Associates revealed MSCI as the benchmark of choice for international equity ETFs¹ for 88% of the institutional investors surveyed.

To demonstrate the quality and widespread use and adoption of MSCI indexes, this document contains a broad list compiled from public sources of listed ETFs, ETNs, futures and options based on MSCI indexes.

¹ Greenwich Report "Institutional Investors' Relationship with ETFs Deepens", June 2013, Greenwich Associates.

GLOBAL LISTED EXCHANGE TRADED PRODUCTS BASED ON MSCI INDEXES - Q4 2017

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION				PRIMARY EXCHANGE				ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific		
ALL COUNTRY (DM +EM) INDEXES														
GLOBAL INDEXES														
MSCI ACWI INDEX														
XMAW GR	db x-trackers MSCI AC World Index UCITS ETF DR	•				•					•			IE00BGHQ0G80
FMAE	EUREX MSCI ACWI (EUR/NTR)			•		•					•			
FMAC	EUREX MSCI ACWI (USD/NTR)			•		•					•			
189400 KS	Hanwha ARIRANG SYNTH-MSCI AC World ETF H-Equity Derivatives	•				•						•		KR7189400005
MMW	ICE Futures US mini MSCI ACWI (USD/NTR)			•		•					•			
MAW	ICE Futures US mini MSCI ACWI (USD/Pr)			•		•					•			
ACWI US	iShares MSCI ACWI ETF	•				•					•			US4642882579
ISAC LN	iShares MSCI ACWI UCITS ETF	•				•						•		IE00B6R52259
ACWU LN	Lyxor ETF MSCI ACWI - C-USD	•				•						•		FR0011093418
ACWI FP	Lyxor ETF MSCI All Country World ETF	•				•						•		FR0011079466
SPYY GR	SPDR MSCI ACWI UCITS ETF	•				•						•		IE00B44Z5B48
TMSCI41 IT	Tachlit MSCI All Countries		•			•						•		IL0011187106
MSCI ACWI IMI														
ACIM US	SPDR MSCI ACWI IMI ETF US	•				•					•			US78463X4759
SPYI GR	SPDR MSCI ACWI IMI UCITS ETF	•				•						•		IE00B3YLT666
REGIONAL INDEXES														
MSCI AC ASIA INDEX														
FMAA	EUREX MSCI AC Asia (USD/NTR)			•		•						•		
MSCI AC ASIA EX JAPAN INDEX														
XAXJ GR	db x-trackers MSCI AC Asia ex Japan TRN Index UCITS ETF	•							•			•		LU0322252171
FMXJ	EUREX MSCI AC Asia ex Japan (USD/NTR)			•		•						•		
MCR	ICE Futures Europe MSCI AC Asia ex Japan (USD/NTR)			•					•			•		
AAXJ US	iShares MSCI All Country Asia ex Japan ETF	•							•	•				US4642881829
APX FP	Lyxor ETF MSCI AC Asia Ex Japan - D EUR	•							•			•		FR0010652867
APEX SP	Lyxor ETF MSCI AC Asia Ex Japan - USD	•							•				•	FR0010653410
UIQI GY	UBS ETFs plc - MSCI AC Asia ex Japan SF UCITS ETF	•							•			•		IE00B7WK2W23
MSCI ASIA APEX 50 INDEX														
3010 HK	iShares MSCI AC Asia ex Japan Index ETF	•							•				•	HK0000051877
MSCI AC ASIA PACIFIC INDEX														
FMAP	EUREX MSCI AC Asia Pacific (USD/NTR)			•					•			•		
MSCI AC ASIA PACIFIC EX JAPAN INDEX														
FMAS	EUREX MSCI AC Asia Pacific ex Japan (USD/NTR)			•					•			•		
OMAS	EUREX MSCI AC Asia Pacific ex Japan (USD/NTR)				•				•			•		
MAK	ICE Futures Europe MSCI AC Asia Pacific ex Japan (USD/NTR)			•					•			•		
AEJ FP	Lyxor ETF MSCI AC Asia Pacific ex Japan	•							•			•		FR0010312124
AEJ SP	Lyxor UCITS ETF MSCI AC Asia-Pacific Ex Japan - NTR USD - A	•							•				•	FR0010372185
PAEJ FP	Lyxor UCITS ETF PEA MSCI AC Asia Pacific ex Japan C-EUR	•							•			•		FR0011869312
MSCI AC FAR EAST EX JAPAN INDEX														
HMAJ LN	HSBC MSCI AC Far East ex Japan UCITS ETF	•							•			•		IE00BBQ2W338
MCA	ICE Futures Europe MSCI AC Far East ex Japan (USD/NTR)			•					•			•		
IFFF LN	iShares MSCI AC Far East ex Japan UCITS ETF	•							•			•		IE00B0M63730
MSCI AC FAR EAST EX JAPAN SMALL CAP INDEX														
ISFE LN	iShares MSCI AC Far East ex Japan Small Cap UCITS ETF	•							•			•		IE00B2QWDR12

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION				PRIMARY EXCHANGE				ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific		
MSCI ACWI EX EUROPE INDEX														
MWL	ICE Futures Europe MSCI ACWI ex Europe (EUR/NTR)			•		•					•			
MSCI ACWI EX AUSTRALIA														
MZA	ICE Futures Europe MSCI ACWI ex Australia (USD/NTR)			•		•					•			
MSCI ACWI EX JAPAN INDEX														
1554 JP	Nikko Listed Index Fund World Equity MSCI ACWI ex Japan	•				•						•		JP3047330000
MSCI ACWI EX USA INDEX														
FMXU	EUREX MSCI ACWI ex USA (USD/NTR)			•		•					•			
AWN	ICE Futures US mini MSCI ACWI ex US (USD/NTR)			•		•				•				
AWE	ICE Futures US mini MSCI ACWI ex US (USD/Pr)			•		•				•				
ACWX US	iShares MSCI ACWI ex U.S. ETF	•				•				•				US4642882405
CWI US	SPDR MSCI ACWI ex USA ETF	•				•				•				US78463X8487
MSCI ACWI EX USA IMI														
IXUS US	iShares Core MSCI Total International Stock ETF	•				•				•				US46432F8344
MSCI ACWI EX CANADA IMI														
XAW CN	iShares Core MSCI All Country World ex Canada Index ETF	•				•				•				CA46435D1096
SECTOR INDEXES														
MSCI AC ASIA PACIFIC REAL ESTATE														
3121 HK	BMO MSCI Asia Pacific Real Estate ETF	•							•			•		HK0000281011
MSCI ACWI IMI TIMBER SELECT CAPPED INDEX														
CUT US	Guggenheim MSCI Global Timber	•				•				•				US18383Q8794
DEVELOPED MARKETS INDEXES														
GLOBAL INDEXES														
MSCI WORLD INDEX														
CW8 FP	Amundi ETF MSCI World UCITS ETF	•				•				•				FR0010756098
MWRD FP	Amundi Index MSCI World UCITS ETF DR	•				•				•				LU1437016972
CW8U FP	Amundi ETF MSCI World UCITS ETF	•				•				•				FR0010871160
CBNDDUWI GR	ComStage ETF MSCI World TRN UCITS ETF	•				•				•				LU0392494562
XMWO GR	db x-trackers MSCI World Index UCITS ETF	•				•				•				LU0274208692
XDWD LN	db x-trackers MSCI World Index UCITS ETF DR	•				•				•				IE00BJ0KDQ92
XDWL GR	db x-trackers MSCI World Index UCITS ETF DR 1D	•				•				•				IE00BK1PV551
3019 HK	db x-trackers MSCI World Index UCITS ETF	•				•						•		LU0455009851
FMWN	EUREX MSCI World (EUR/NTR)			•		•				•				
OMWN	EUREX MSCI World (EUR/NTR)				•	•				•				
FMWE	EUREX MSCI World (EUR/GTR)			•		•				•				
FMWG	EUREX MSCI World (USD/GTR)			•		•				•				
FMWO	EUREX MSCI World (USD/NTR)			•		•				•				
OMWO	EUREX MSCI World (USD/NTR)				•	•				•				
FMWP	EUREX MSCI World (USD/Pr)			•		•				•				
OMWP	EUREX MSCI World (USD/Pr)				•	•				•				
HMWD LN	HSBC MSCI World UCITS ETF	•				•				•				IE00B4X9L533
MLW	ICE Futures Europe MSCI World (EUR/NTR)			•		•				•				
MCN	ICE Futures Europe MSCI World (USD/NTR)			•		•				•				
MWL	ICE Futures US Mini MSCI World (USD/Pr)			•		•				•				
SWDA LN	iShares Core MSCI World UCITS ETF	•				•				•				IE00B4L5Y983
XWD CN	iShares MSCI World Index Fund	•				•				•				CA46430Y1088
URTH US	iShares MSCI World ETF	•				•				•				US4642863926
IWRD LN	iShares MSCI World UCITS ETF Inc	•				•				•				IE00B0M62Q58

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION					PRIMARY EXCHANGE				ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific			
IWDG LN	iShares Core MSCI World UCITS ETF Dist	•				•					•			IE00BD45YS76	
WLD FP	Lyxor ETF MSCI World	•				•					•			FR0010315770	
WLD SP	Lyxor ETF MSCI World Hong Kong	•				•						•		FR0010446914	
EWLD FP	Lyxor UCITS ETF PEA MSCI World C-EUR	•				•					•			FR0011869353	
251350 KS	Samsung KODEX MSCI World ETF	•				•						•		KR7251350005	
STXWDM SJ	Satrix MSCI World ETF	•				•					•			ZAE000246104	
208470 KS	Shinhan BNPP SMART SYNTH-MSCI Developed Market ETF - Equity-Derivative H	•				•						•		KR7208470005	
SMSWLD GY	Source MSCI World UCITS ETF	•				•					•			IE00B60SX394	
SYGWD SJ	Sygnia Itrix MSCI World ETF	•				•					•			ZAE000249553	
TCMSC70 IT	Tachlit MSCI World NTR ILS 40a'		•			•					•			IL0011357972	
WRDCHA SW	UBS ETF-MSCI World UCITS ETF	•				•					•			LU0340285161	
UBU7 GR	UBS Irl ETF plc - MSCI World UCITS ETF	•				•					•			IE00B7KQ7B66	
MSCI WORLD MID CAP INDEX															
FMWM	EUREX MSCI World Mid Cap (USD/NTR)			•		•					•				
MSCI WORLD SMALL CAP INDEX															
ZPRS GY	SPDR MSCI World Small Cap UCITS ETF	•				•					•			IE00BCBJG560	
MSCI WORLD IMI															
IWLD AU	iShares Core MSCI World All Cap ETF	•				•						•		AU000000IWLD6	
MSCI WORLD GROWTH INDEX															
FM0G	EUREX MSCI World Growth (USD/NTR)			•		•					•				
MSCI WORLD VALUE INDEX															
FM0V	EUREX MSCI World Value (USD/NTR)			•		•					•				
REGIONAL INDEXES															
MSCI AC ASEAN INDEX															
FMSE	EUREX MSCI AC ASEAN (USD/NTR)			•		•					•				
MSCI EAFE IMI															
ZEA CN	BMO MSCI EAFE Index ETF	•				•					•			CA05579E1097	
MXEA	CBOE MSCI EAFE (USD/Pr)				•	•					•				
FMFP	EUREX MSCI EAFE (USD/Pr)			•		•					•				
FMFA	EUREX MSCI EAFE (USD/NTR)			•		•					•				
OMFP	EUREX MSCI EAFE (USD/Pr)				•	•					•				
OMFA	EUREX MSCI EAFE (USD/NTR)				•	•					•				
195970 KS	Hanwha ARIRANG Synth-MSCI EAFE ETF H	•				•						•		KR7195970009	
MCI	ICE Futures Europe MSCI EAFE (USD/NTR)			•		•					•				
MFU	ICE Futures US Mini MSCI EAFE (USD/NTR)			•		•					•				
MFS	ICE Futures US Mini MSCI EAFE (USD/Pr)			•		•					•				
EFA US	iShares MSCI EAFE ETF	•				•					•			US4642874659	
MSCI EAFE IMI															
IEFA US	iShares Core MSCI EAFE ETF	•				•					•			US46432F8427	
XEF CN	iShares MSCI EAFE IMI ETF	•				•					•			CA46434T1057	
MSCI EAFE SMALL CAP INDEX															
SCZ US	iShares MSCI EAFE Small Cap ETF	•				•					•			US4642882736	
MSCI EAFE GROWTH INDEX															
EFG US	iShares MSCI EAFE Growth ETF	•				•					•			US4642888857	
MSCI EAFE VALUE INDEX															
EFV US	iShares MSCI EAFE Value ETF	•				•					•			US4642888774	
MSCI EMU INDEX															
CMU FP	Amundi ETF MSCI EMU UCITS ETF	•						•			•			FR0010655688	

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION				PRIMARY EXCHANGE				ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific		
FMGM	EUREX MSCI EMU (EUR/GTR)			•				•		•				
FMMU	EUREX MSCI EMU (EUR/NTR)			•				•		•				
MSB	ICE Futures Europe MSCI EMU (EUR/NTR)			•				•		•				
CSEMU SW	iShares MSCI EMU UCITS ETF	•						•		•			IE00B53QG562	
EZU US	iShares MSCI Eurozone ETF	•						•		•			US4642866085	
CEUD IM	iShares MSCI EMU UCITS ETF	•						•		•			IE00BYXZ2585	
MFE FP	Lyxor UCITS ETF MSCI EMU	•						•		•			FR0007085501	
ZPRE GR	SPDR MSCI EMU UCITS ETF	•						•		•			IE00B910VR50	
EMUEUA GR	UBS ETF-MSCI EMU UCITS ETF	•						•		•			LU0147308422	
EMEUAS SW	UBS ETFs plc - MSCI EMU SF UCITS ETF	•						•		•			IE00B5B1MZ58	
EMUUKD SW	UBS ETF MSCI EMU UCITS ETF	•						•		•			LU1107559376	
EMUAA SW	UBS ETF MSCI EMU UCITS ETF	•						•		•			LU0950668870	
MSCI EMU LARGE CAP INDEX														
EMUL LN	iShares MSCI EMU Large Cap UCITS ETF	•						•		•			IE00BCLWRF22	
MSCI EMU MID CAP INDEX														
EMUM LN	iShares MSCI EMU Mid Cap UCITS ETF	•						•		•			IE00BCLWRD08	
MSCI EMU SMALL CAP INDEX														
CSEMUS SW	iShares MSCI EMU Small Cap UCITS ETF	•						•		•			IE00B3VWMM18	
MMS FP	Lyxor ETF MSCI EMU Small Cap	•						•		•			FR0010168773	
UEFD GR	UBS ETF-MSCI EMU Small Cap UCITS ETF	•						•		•			LU0671493277	
MSCI EMU GROWTH INDEX														
GWT FP	Lyxor ETF MSCI EMU Growth	•						•		•			FR0010168765	
FMIG	EUREX MSCI EMU Growth (EUR/NTR)			•				•		•				
MSCI EMU VALUE INDEX														
VAL FP	Lyxor ETF MSCI EMU Value	•						•		•			FR0010168781	
EMVEUA SW	UBS ETF-MSCI EMU Value UCITS ETF	•						•		•			LU0446734369	
FMIV	EUREX MSCI EMU Value (EUR/NTR)			•				•		•				
MSCI EUROPE INDEX														
CEU FP	Amundi ETF MSCI Europe UCITS ETF	•						•		•			FR0010655696	
CEUD FP	Amundi ETF MSCI Europe UCITS ETF - D	•						•		•			FR0012857118	
CEU2 FP	Amundi Index MSCI Europe UCITS ETF DR	•						•		•			LU1437015735	
CBNDUE1 GR	ComStage ETF MSCI Europe TRN UCITS ETF	•						•		•			LU0392494646	
XMEU GR	db x-trackers MSCI Europe Index UCITS ETF	•						•		•			LU0274209237	
XIEE GR	db x-trackers MSCI Europe Index UCITS ETF DR 1D	•						•		•			U1242369327	
ETFEUAC GR	Deka MSCI Europe UCITS ETF	•						•		•			DE000ETFL284	
FMGE	EUREX MSCI Europe (EUR/GTR)			•				•		•				
FMEU	EUREX MSCI Europe (EUR/NTR)			•				•		•				
OMEU	EUREX MSCI Europe (EUR/NTR)				•			•		•				
FMEP	EUREX MSCI Europe (EUR/Pr)			•				•		•				
OMEP	EUREX MSCI Europe (EUR/Pr)				•			•		•				
FMGU	EUREX MSCI Europe (USD/GTR)			•				•		•				
FMED	EUREX MSCI Europe (USD/NTR)			•				•		•				
HMEU LN	HSBC MSCI Europe ETF UCITS ETF	•						•		•			IE00B5BD5K76	
MPE	ICE Futures Europe MSCI Europe (EUR/NTR)			•				•		•				
MPY	ICE Futures Europe MSCI Europe (EUR/NTR)				•			•		•				
MCJ	ICE Futures Europe MSCI Europe (USD/NTR)			•				•		•				
MCE	ICE Futures US Mini MSCI Europe (EUR/Pr)			•				•		•				
SMEA LN	iShares MSCI Europe UCITS ETF Acc	•						•		•			IE00B4K48X80	
IMEA LN	iShares MSCI Europe UCITS ETF Inc	•						•		•			IE00B1YZSC51	
MEU FP	Lyxor ETF MSCI Europe	•						•		•			FR0010261198	

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Ticker/Symbol	Product Name	PRODUCT				INDEX REGION				PRIMARY EXCHANGE				ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific		
MEU SP	Lyxor ETF MSCI Europe - NTR USD - A	•						•				•	FR0010797969	
SMSEUR GY	Source MSCI Europe UCITS ETF	•						•				•	IE00B60SWY32	
ERO FP	SPDR MSCI Europe UCITS ETF	•						•				•	FR0000001885	
EUREUA SW	UBS ETF-MSCI Europe UCITS ETF	•						•				•	LU0446734104	
MSCI EURO INDEX														
MEU	ICE Futures US Mini MSCI Euro (EUR/Pr)				•			•				•		
MSCI PAN-EURO INDEX														
XMPE GR	db x-trackers MSCI Pan-Euro Index UCITS ETF	•						•				•	LU0412624271	
MPP	ICE Futures US Mini MSCI Pan Euro (EUR/Pr)				•			•				•		
MSCI EUROPE EX EMU INDEX														
CU9 FP	Amundi ETF MSCI Europe ex EMU UCITS ETF	•						•				•	FR0010821819	
ELF5 GR	Deka MSCI Europe ex EMU UCITS ETF	•						•				•	DE000ETFL458	
MSCI EUROPE EX SWITZERLAND INDEX														
CS9 FP	Amundi ETF MSCI Europe Ex Switzerland UCITS ETF	•						•				•	FR0010821835	
FMXS	EUREX MSCI Europe ex Switzerland (EUR/NTR)				•			•				•		
MSZ	ICE Futures Europe MSCI Europe ex Switzerland (EUR/NTR)				•			•				•		
MSCI EUROPE EX UK INDEX														
AEXK FP	Amundi ETF MSCI Europe ex UK UCITS ETF C	•						•				•	FR0010988642	
MKE	ICE Futures Europe MSCI Europe ex UK (USD/NTR)				•			•				•		
IEUX LN	iShares MSCI Europe ex UK UCITS ETF	•						•				•	IE00B14X4N27	
MXUK GR	Source MSCI Europe ex-UK UCITS ETF	•						•				•	DE000A2DPCP0	
MSCI EUROPE IMI														
XEU CN	iShares MSCI Europe IMI Index ETF	•						•				•	CA46434W1086	
IEUR US	iShares Core MSCI Europe ETF	•						•				•	US46434V7385	
MSCI EUROPE LARGE CAP INDEX														
ETFEULC GR	Deka MSCI Europe LC UCITS ETF	•						•				•	DE000ETFL086	
590003 KS	Miraeasset Securities Miraeasset Europe Large Cap ETN H 3				•			•				•	KRG594100031	
MSCI EUROPE MID CAP INDEX														
CEM FP	Amundi ETF MSCI Europe Mid Cap UCITS ETF	•						•				•	FR0010612218	
CBMMDUEU GR	ComStage ETF MSCI Europe Mid Cap TRN UCITS ETF	•						•				•	LU0392496260	
XEUM GR	db x-trackers MSCI Europe Mid Cap Index UCITS ETF	•						•				•	LU0322253732	
ETFEUMC GR	Deka MSCI Europe MC UCITS ETF	•						•				•	DE000ETFL292	
EUMD LN	iShares MSCI Europe Mid Cap UCITS ETF	•						•				•	IE00BF20LF40	
EMID LN	iShares MSCI Europe Mid Cap UCITS ETF	•						•				•	IE00BYXYX745	
590004 KS	Miraeasset Securities Miraeasset Europe Mid Cap ETN H 4				•			•				•	KRG594100049	
MSCI EUROPE SMALL CAP INDEX														
CBNCUDE1 GR	ComStage ETF MSCI Europe Small Cap TRN UCITS ETF	•						•				•	LU0392496344	
XXSC GR	db x-trackers MSCI Europe Small Cap Index UCITS ETF	•						•				•	LU0322253906	
IEUS US	iShares MSCI Europe Small-Cap ETF	•						•				•	US4642884971	
SMC FP	SPDR MSCI Europe Small Cap UCITS ETF	•						•				•	FR0010149880	
MSCI EUROPE GROWTH INDEX														
CG9 FP	Amundi ETF MSCI Europe Growth UCITS ETF	•						•				•	FR0010717108	
FMEG	EUREX MSCI Europe Growth (EUR/NTR)				•			•				•		
OMEG	EUREX MSCI Europe Growth (EUR/NTR)				•			•				•		
MGE	ICE Futures US Mini MSCI Europe Growth (EUR/Pr)				•			•				•		
MSCI EUROPE VALUE INDEX														
CV9 FP	Amundi ETF MSCI Europe Value UCITS ETF	•						•				•	FR0010717116	
D5BL GR	db x-trackers MSCI Europe Value TRN Index UCITS ETF	•						•				•	LU0486851024	
FMEV	EUREX MSCI Europe Value (EUR/NTR)				•			•				•		
OMEV	EUREX MSCI Europe Value (EUR/NTR)				•			•				•		

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION					PRIMARY EXCHANGE				ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific			
MPU	ICE Futures US Mini MSCI Europe Value (EUR/Pr)			•				•		•					
EMSV GR	Source MSCI Europe Value UCITS ETF	•						•			•			IE00B3LK4Z20	
MSCI KOKUSAI INDEX															
FMKG	EUREX MSCI Kokusai (USD/GTR)			•		•					•				
FMKN	EUREX MSCI Kokusai (USD/NTR)			•		•					•				
MKI	ICE Futures Europe MSCI Kokusai (JPY/NTR)			•		•					•				
MKO	ICE Futures Europe MSCI Kokusai (USD/GTR)			•		•					•				
MCK	ICE Futures Europe MSCI Kokusai (USD/NTR)			•		•					•				
TOK US	iShares MSCI Kokusai ETF	•				•				•				US4642882652	
1657 JP	iShares Core MSCI Kokusai ETF	•				•						•		JP3048550002	
1550 JP	MAXIS Global Equity MSCI Kokusai ETF	•				•						•		JP3047290006	
2513 JP	Next Funds International Equity MSCI-Kokusai Unhedged ETF	•				•						•		JP3048640001	
1680 JP	Nikko Listed Index Fund International Developed Countries Equity - MSCI-Kokusai	•				•						•		JP3047120005	
MSCI NORDIC INDEX															
CN1 FP	Amundi ETF MSCI Nordic UCITS ETF	•						•			•			FR0010655738	
XDN0 GR	Concept Fund Solutions - db x-trackers MSCI Nordic Index UCITS ETF DR	•						•			•			IE00B9MRHC27	
MSCI NORTH AMERICA INDEX															
NRAM FP	Amundi Index MSCI North America UCITS ETF DR	•					•				•			LU1437016543	
CBNDDUNA GR	ComStage ETF MSCI North America TRN UCITS ETF	•					•				•			LU0392494992	
FMGA	EUREX MSCI North America (USD/GTR)			•			•				•				
FMNA	EUREX MSCI North America (USD/NTR)			•			•				•				
INAA LN	iShares MSCI North America UCITS ETF	•					•				•			IE00B14X4M10	
MSCI PACIFIC INDEX															
CBNDDUP GR	ComStage ETF MSCI Pacific TRN UCITS ETF	•							•		•			LU0392495023	
FMPA	EUREX MSCI Pacific (USD/GTR)			•					•		•				
FMPG	EUREX MSCI Pacific (USD/NTR)			•					•		•				
MSCI PACIFIC IMI															
IPAC US	iShares Core MSCI Pacific ETF	•							•	•				US46434V6965	
MSCI PACIFIC EX JAPAN INDEX															
CP9 FP	Amundi ETF MSCI Pacific ex Japan UCITS ETF	•							•		•			FR0010713669	
CP9U FP	Amundi ETF MSCI Pacific ex Japan UCITS ETF DR	•							•		•			FR0010871137	
CBNDDUPX GR	ComStage ETF MSCI Pacific ex Japan TRN UCITS ETF	•							•		•			LU0392495296	
XPXJ GR	db x-trackers MSCI Pacific ex Japan TRN Index UCITS ETF	•							•		•			LU0322252338	
XPXJ SP	db x-trackers MSCI Pacific ex Japan TRN Index UCITS ETF DR - 1C	•							•			•		LU0455009935	
FMPX	EUREX MSCI Pacific ex Japan (USD/NTR)			•					•		•				
HMXJ LN	HSBC MSCI Pacific ex Japan UCITS ETF	•							•		•			IE00B5SG8Z57	
MPJ	ICE Futures Europe MSCI Pacific ex Japan (USD/NTR)			•					•		•				
CSPXJ SW	iShares Core MSCI Pacific ex Japan UCITS ETF	•							•		•			IE00B52MJY50	
EPP US	iShares MSCI Pacific ex Japan ETF	•							•	•				US4642866655	
IPXJ LN	iShares MSCI Pacific ex Japan UCITS ETF (Dist)	•							•		•			IE00B4WXJD03	
PAXJ FP	Lyxor MSCI Pacific ex Japan UCITS ETF	•							•		•			LU1220245556	
PACUSA SW	UBS ETF MSCI Pacific ex Japan	•							•		•			LU0446734526	
PACUKD SW	UBS ETF MSCI Pacific ex Japan UCITS ETF	•							•		•			LU1107559707	
MSCI WORLD EX AUSTRALIA INDEX															
VGS AU	Vanguard MSCI Index International Shares ETF	•				•						•		AU000000VGS8	
MSCI WORLD EX EMU INDEX															
CM9 FP	Amundi ETF MSCI World ex EMU UCITS ETF	•				•					•			FR0010756114	

GLOBAL LISTED EXCHANGE TRADED PRODUCTS BASED ON MSCI INDEXES - Q4 2017

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION				PRIMARY EXCHANGE			ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific	
WLDX IM	Lyxor MSCI World ex EMU UCITS ETF	•				•				•			FR0013209921
MSCI WORLD EX EUROPE INDEX													
CE8 FP	Amundi ETF MSCI World ex Europe UCITS ETF	•				•				•			FR0010756122
CE8USD SW	Amundi ETF MSCI World Ex Europe UCITS ETF	•				•				•			FR0010871186
MSCI WORLD EX USA IMI INDEX													
IDEV US	iShares Core MSCI International Developed Markets ETF	•				•				•			US4643563267
COUNTRY INDEXES													
MSCI AUSTRALIA INDEX													
FMAU	EUREX MSCI Australia (USD/NTR)			•					•		•		
FXAU RM	FinEx MSCI Australia UCITS ETF	•							•		•		IE00BD3QF110
EWA US	iShares MSCI Australia ETF	•							•	•			US4642861037
SAUS LN	iShares MSCI Australia UCITS ETF	•							•		•		IE00B5377D42
AUHGBD SW	UBS Irl ETF plc - MSCI Australia UCITS ETF	•							•		•		IE00BXDZNP83
AUSAUW SW	UBS Irl ETF plc - MSCI Australia UCITS ETF CHF	•							•		•		IE00BD4TY451
MSCI AUSTRALIA LARGE CAP INDEX													
VLC AU	Vanguard MSCI Australian Large Companies ETF	•							•			•	AU000000VLC2
MSCI AUSTRALIA SMALL CAP INDEX													
VSO AU	Vanguard MSCI Australian Small Companies ETF	•							•			•	AU000000VSO2
MSCI AUSTRIA IMI 25/50													
EW0 US	iShares MSCI Austria ETF	•						•		•			US4642862027
MSCI BELGIUM IMI 25/50													
EWK US	iShares MSCI Belgium ETF	•						•		•			US4642863017
MSCI CANADA INDEX													
D5BH GR	db x-trackers MSCI Canada Index UCITS ETF	•					•				•		LU0476289540
FMGC	EUREX MSCI Canada (USD/GTR)			•			•				•		
FMCA	EUREX MSCI Canada (USD/NTR)			•			•				•		
HCAN LN	HSBC MSCI Canada UCITS ETF	•					•				•		IE00B51B7Z02
MDB	ICE Futures Europe MSCI Canada (EUR/NTR)			•			•				•		
MDA	ICE Futures Europe MSCI Canada (USD/NTR)			•			•				•		
MCL	ICE Futures US Mini MSCI Canada (USD/Pr)			•			•			•			
CSCA SW	iShares MSCI Canada UCITS ETF	•					•				•		IE00B52SF786
LCAU LN	Lyxor ETF MSCI Canada UCITS ETF-D-USD	•					•				•		LU0496786814
LYPT GR	Lyxor ETF MSCI Canada UCITS ETF	•					•				•		LU0496786731
CANCD A SW	UBS ETF-MSCI Canada UCITS ETF	•					•				•		LU0446734872
CANUKD SW	UBS ETF-MSCI Canada UCITS ETF	•					•				•		LU1107559962
MSCI CANADA CUSTOM CAPPED													
EW C	iShares MSCI Canada ETF	•					•			•			US4642865095
MSCI DENMARK IMI 25/50													
EDEN US	iShares MSCI Denmark ETF	•						•		•			US46429B5232
MSCI FRANCE INDEX													
CF1 FP	Amundi ETF MSCI France	•						•			•		FR0010655704
MFR	ICE Futures Europe MSCI France (EUR/NTR)			•				•			•		
FMGF	EUREX MSCI France (EUR/GTR)			•			•				•		
FMFR	EUREX MSCI France (EUR/NTR)			•			•				•		
EWQ US	iShares MSCI France ETF	•						•		•			US4642867075
ISFR LN	iShares MSCI France UCITS ETF	•						•			•		IE00BP3QZJ36
MSCI FINLAND IMI 25/50													
EFNL US	iShares MSCI Finland ETF	•						•		•			US46429B5158
MSCI GERMANY INDEX													
CG1 FP	Amundi ETF MSCI Germany UCITS ETF	•						•			•		FR0010655712

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION					PRIMARY EXCHANGE				ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific			
FXDE RM	FinEx MSCI Germany UCITS ETF	•						•		•			IE00BD3QJN10		
EWG US	iShares MSCI Germany ETF	•						•		•			US4642868065		
200050 KS	Samsung KODEX SYNTH-MSCI Germany ETF - Equity-Derivatives	•						•				•	KR7200050003		
MSCI GERMANY SMALL CAP INDEX															
EWGS US	iShares MSCI Germany Small Cap ETF	•						•		•			US46429B4656		
MSCI HONG KONG INDEX															
FMHK	EUREX MSCI Hong Kong (USD/NTR)			•					•		•				
MCM	ICE Futures Europe MSCI Hong Kong (USD/NTR)			•					•		•				
EWK US	iShares MSCI Hong Kong ETF	•							•	•			US4642868719		
VS	SGX MSCI Hong Kong + (HKD/Pr)			•					•			•			
HKDU SW	UBS ETF MSCI Hong Kong UCITS ETF	•							•		•		LU1169827224		
MSCI ALL IRELAND CAPPED															
EIRL US	iShares MSCI Ireland ETF	•						•		•			US46429B5075		
MSCI ISRAEL CAPPED IMI															
EIS US	iShares MSCI Israel ETF	•						•		•			US4642866325		
MSCI ITALY INDEX															
CI1 FP	Amundi ETF MSCI Italy UCITS ETF	•						•			•		FR0010655720		
C032 GR	ComStage MSCI Italy TRN UCITS ETF	•						•			•		LU1104574725		
MSCI ITALY 25/50 INDEX															
EWI US	iShares MSCI Italy ETF	•						•		•			US4642868552		
MSCI JAPAN INDEX															
CJ1 FP	Amundi ETF MSCI Japan UCITS ETF	•							•		•		FR0010688242		
CJ1Y FP	Amundi ETF MSCI Japan UCITS ETF DR - JPY	•							•		•		FR0010871202		
CBNDUJN GR	ComStage ETF MSCI Japan TRN UCITS ETF	•							•		•		LU0392495452		
XMJP GR	db x-trackers MSCI Japan TRN Index UCITS ETF - 1C	•							•		•		LU0274209740		
ETFJPAC GR	Deka MSCI Japan UCITS ETF	•							•		•		DE000ETFL300		
FMJG	EUREX MSCI Japan (USD/GTR)			•					•		•				
FMJP	EUREX MSCI Japan (USD/NTR)			•					•		•				
OMJP	EUREX MSCI Japan (USD/NTR)				•				•		•				
FXJP RM	FinEx MSCI Japan UCITS ETF	•							•		•		IE00BD3QJ310		
HMJP LN	HSBC MSCI Japan UCITS ETF	•							•		•		IE00B5VX7566		
MCO	ICE Futures Europe MSCI Japan (USD/NTR)			•					•		•				
CSJP SW	iShares MSCI Japan UCITS ETF (Acc)	•							•		•		IE00B53QDK08		
EWJ US	iShares MSCI Japan ETF	•							•	•			US4642868487		
IJPN LN	iShares MSCI Japan UCITS ETF (Dist)	•							•		•		IE00B02KXH56		
ZPDJ GR	SPDR MSCI Japan UCITS ETF	•							•		•		IE00BZ0G8B96		
SMSJPN GY	Source MSCI Japan UCITS ETF	•							•		•		IE00B60SX287		
SYGJP SJ	Sygnia Itrix MSCI Japan ETF	•							•		•		ZAE000249538		
JPNCHA SW	UBS ETF-MSCI Japan UCITS ETF	•							•		•		LU0136240974		
JPNUKD SW	UBS ETF-MSCI Japan UCITS ETF	•							•		•		LU1107559616		
MSCI JAPAN IMI															
IJPA LN	iShares Core MSCI Japan IMI UCITS ETF	•							•		•		IE00B4L5YX21		
MSCI JAPAN LARGE CAP INDEX															
ETFJPLC GR	Deka MSCI Japan LC UCITS ETF	•							•		•		DE000ETFL102		
590005 KS	Miraeasset Securities Miraeasset Japan Large Cap ETN H 5		•						•			•	KRG595100055		
MSCI JAPAN MID CAP INDEX															
ETFJPMC GR	Deka MSCI Japan MC UCITS ETF	•							•		•		DE000ETFL318		
590006 KS	Miraeasset Securities Miraeasset Japan Mid Cap ETN H 6		•						•			•	KRG595100063		

GLOBAL LISTED EXCHANGE TRADED PRODUCTS BASED ON MSCI INDEXES - Q4 2017

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION					PRIMARY EXCHANGE				ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific			
MSCI JAPAN SMALL CAP INDEX															
SCJ US	iShares MSCI Japan Small Cap ETF	•								•	•			US4642865822	
ISJP LN	iShares MSCI Japan Small Cap UCITS ETF (Dist)	•								•		•		IE00B2QWDY88	
MSCI JAPAN HUMAN AND PHYSICAL INVESTMENT INDEX															
1479 JP	Daiwa ETF MSCI Japan Human and Physical Investment Index	•								•			•	JP3048220002	
MSCI NETHERLANDS INDEX															
CH1 FP	Amundi ETF MSCI Netherlands UCITS ETF	•										•		FR0010688259	
MSCI NETHERLANDS IMI 25/50 INDEX															
EWN US	iShares MSCI Netherlands ETF	•								•				US4642868149	
MSCI NEW ZEALAND INDEX															
FMNZ	EUREX MSCI New Zealand (USD/NTR)			•						•		•			
MSCI NEW ZEALAND IMI 25/50															
ENZL US	iShares MSCI New Zealand ETF	•								•	•			US4642891232	
MSCI NORWAY IMI 25/50															
ENOR US	iShares MSCI Norway ETF	•								•		•		US46429B4995	
NORW US	Global X MSCI Norway ETF	•								•		•		US37950E7470	
MSCI ALL PORTUGAL PLUS 25/50 INDEX															
PGAL US	Global X MSCI Portugal ETF	•								•		•		US37950E1929	
MSCI SINGAPORE INDEX															
EWS US	iShares MSCI Singapore ETF	•								•	•			US4642866739	
FMSI	EUREX MSCI Singapore (USD/NTR)			•						•		•			
QZ	SGX MSCI Singapore (SGD/Pr)			•						•			•		
QZ	SGX MSCI Singapore (SGD/Pr)				•					•			•		
SGPDU SW	UBS ETF - MSCI Singapore UCITS ETF	•								•		•		LU1169825954	
MSCI SINGAPORE IMI															
09A SP	db x-trackers MSCI Singapore IM Index UCITS ETF	•								•			•	LU0659578842	
3065 HK	db x-trackers MSCI Singapore IM TRN Index UCITS ETF DR	•								•			•	LU0755279428	
MSCI SPAIN INDEX															
CS1 FP	Amundi ETF MSCI Spain UCITS ETF	•								•		•		FR0010655746	
C033 GR	ComStage MSCI Spain TRN UCITS ETF	•								•		•		LU1104577314	
TBND185 IT	Tachlit Spain MSCI NTR NIS 0a'		•							•		•		IL0011356313	
MSCI SPAIN 25/50 INDEX															
EWP US	iShares MSCI Spain ETF	•								•		•		US4642867646	
MSCI SWEDEN INDEX															
EWD US	iShares MSCI Sweden ETF	•								•		•		US4642867562	
MSCI SWITZERLAND INDEX															
CSW FP	Amundi ETF MSCI Switzerland UCITS ETF	•								•		•		FR0010655753	
CSWC FP	Amundi ETF MSCI Switzerland UCITS ETF	•								•		•		FR0010871145	
MSH	ICE Futures Europe MSCI Switzerland (CHF/NTR)			•						•		•			
MSR	ICE Futures Europe MSCI Switzerland (EUR/NTR)			•						•		•			
SWICHA SW	UBS ETF CH - MSCI Switzerland	•								•		•		CH0226274246	
MSCI SWITZERLAND 20/35 INDEX															
SW2CHB SW	UBS ETF - MSCI Switzerland 20/35 UCITS ETF	•								•		•		LU0977261329	
SW2CHA SW	UBS ETF - MSCI Switzerland 20/35 UCITS ETF	•								•		•		LU0979892907	
SW2UKD SW	UBS ETF MSCI Switzerland 20/35 UCITS ETF	•								•		•		LU1107560036	
MSCI SWITZERLAND 25/50 INDEX															
EWL US	iShares MSCI Switzerland ETF	•								•		•		US4642867497	
MSCI UK INDEX															
CU1 FP	Amundi ETF MSCI UK UCITS ETF	•								•		•		FR0010655761	

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION				PRIMARY EXCHANGE			ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific	
FMUK	EUREX MSCI UK (GBP/NTR)			•				•		•			
FMDK	EUREX MSCI UK (USD/NTR)			•				•		•			
FXUK RM	FinEx MSCI United Kingdom UCITS ETF	•						•		•			IE00BD3QHV53
MUN	ICE Futures Europe MSCI UK (EUR/NTR)			•				•		•			
CSUK SW	iShares MSCI UK UCITS ETF	•						•		•			IE00B539F030
EWU US	iShares MSCI United Kingdom ETF	•						•		•			US46434V5488
UC63 LN	UBS ETF MSCI United Kingdom UCITS ETF	•						•		•			LU0937836467
UC64 LN	UBS ETF MSCI United Kingdom UCITS ETF	•						•		•			LU0950670850
UKUKD SW	UBS ETF MSCI United Kingdom UCITS ETF	•						•		•			LU1107559533
MSCI UK SMALL CAP INDEX													
EWUS US	iShares MSCI United Kingdom Small Cap ETF	•						•		•			US46429B4169
CSUKS SW	iShares MSCI UK Small Cap UCITS ETF	•						•		•			IE00B3VWL82
MSCI USA INDEX													
CU2 FP	Amundi ETF MSCI USA UCITS ETF	•					•			•			FR0010688275
CU2U FP	Amundi ETF MSCI USA UCITS ETF	•					•			•			FR0010871152
CBNDDUUS GR	ComStage ETF MSCI USA TRN UCITS ETF	•					•			•			LU0392495700
XMUS GR	db x-trackers MSCI USA Index UCITS ETF	•					•			•			LU0274210672
XD9U GR	db x-trackers MSCI USA Index UCITS ETF DR - 1C	•					•			•			IE00BJ0KDR00
ETFUSAC GR	Deka MSCI USA UCITS ETF	•					•			•			DE000ETFL268
FMGS	EUREX MSCI USA (USD/GTR)			•			•			•			
FMUS	EUREX MSCI USA (USD/NTR)			•			•			•			
FXUS RM	FinEx MSCI USA UCITS ETF	•					•			•			IE00BD3QHZ91
HMUS LN	HSBC MSCI USA UCITS ETF	•					•			•			IE00B5WFQ436
MCU	ICE Futures Europe MSCI USA (EUR/NTR)			•			•			•			
MCV	ICE Futures Europe MSCI USA (USD/NTR)			•			•			•			
MUN	ICE Futures US Mini MSCI USA (USD/Pr)			•			•			•			
CSUS SW	iShares MSCI USA UCITS ETF	•					•			•			IE00B52SFT06
USAC FP	Lyxor ETF MSCI USA C-EUR	•					•			•			FR0011363423
USA FP	Lyxor UCITS ETF MSCI USA EURO	•					•			•			FR0010296061
PUSA FP	Lyxor UCITS ETF PEA MSCI USA C-EUR	•					•			•			FR0011869346
PBUS US	PowerShares PureBeta MSCI USA Portfolio	•					•			•			US73937B2907
SMSUSA GR	Source MSCI USA UCITS ETF	•					•			•			IE00B60SX170
SYGUS SJ	Sygnia Itrix MSCI USA ETF	•					•			•			ZAE000249546
USAEUA GR	UBS ETF-MSCI USA UCITS ETF	•					•			•			LU0136234654
UBU3 GR	UBS Irl ETF plc - MSCI USA UCITS ETF	•					•			•			IE00B77D4428
USAUKD SW	UBS ETF MSCI USA UCITS ETF	•					•			•			LU1107559889
USAUK SW	UBS Irl ETF plc - MSCI USA UCITS ETF	•					•			•			IE00BD08DL65
USAUSW SE	UBS Irl ETF plc - MSCI USA UCITS ETF	•					•			•			IE00BD4TXS21
UBU3 GR	UBS Irl ETF plc - MSCI USA UCITS ETF	•					•			•			IE00B77D4428
MSCI USA LARGE CAP INDEX													
ETFUSLC GR	Deka MSCI USA LC UCITS ETF	•					•			•			DE000ETFL094
590007 KS	Miraeasset Securities Miraeasset USA Large Cap ETN H 7		•				•				•		KRG592100074
MSCI USA MID CAP INDEX													
ETFUSMC GR	Deka MSCI USA MC UCITS ETF	•					•			•			DE000ETFL276
590008 KS	Miraeasset Securities Miraeasset USA Mid Cap ETN H 8		•				•				•		KRG592100082
MSCI USA SMALL CAP INDEX													
CSUSS SW	iShares MSCI USA Small Cap UCITS ETF	•					•			•			IE00B3VWM098
MUS	ICE Futures US MSCI USA Small Cap (USD/Pr)		•				•			•			
PBSM US	PowerShares PureBeta MSCI USA Small Cap Portfolio	•					•				•		US73937B2824

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION				PRIMARY EXCHANGE				ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific		
MSCI USA GROWTH INDEX														
MRG	ICE Futures US Mini MSCI USA Growth (USD/Pr)			•			•			•				
MSCI USA VALUE INDEX														
MCU	ICE Futures US Mini MSCI USA Value (USD/NTR)			•			•			•				
UBU5 GR	UBS Irl ETF plc - MSCI USA Value UCITS ETF	•					•				•			IE00B78JSG98
DOMESTIC EQUITY INDEXES														
MSCI US REIT INDEX														
VNQ US	Vanguard REIT ETF	•					•			•				US9229085538
182480 KS	MiraeAsset Tiger Synth-MSCI US REIT ETF H	•							•			•		KR7182480004
MSCI US INVESTABLE MARKET MATERIALS 25/50 INDEX														
VAW US	Vanguard Materials ETF	•					•			•				US92204A8018
MSCI US INVESTABLE MARKET CONSUMER DISCRETIONARY 25/50 INDEX														
VCR US	Vanguard Consumer Discretionary ETF	•					•			•				US92204A1088
MSCI US INVESTABLE MARKET CONSUMER STAPLES 25/50 INDEX														
VDC US	Vanguard Consumer Staples ETF	•					•			•				US92204A2078
MSCI US INVESTABLE MARKET ENERGY 25/50 INDEX														
VDE US	Vanguard Energy ETF	•					•			•				US92204A3068
MSCI US INVESTABLE MARKET FINANCIALS 25/50 INDEX														
VFH US	Vanguard Financials ETF	•					•			•				US92204A4058
MSCI US INVESTABLE MARKET INFORMATION TECHNOLOGY 25/50 INDEX														
VGT US	Vanguard Information Technology ETF	•					•			•				US92204A7028
MSCI US INVESTABLE MARKET HEALTH CARE 25/50 INDEX														
VHT US	Vanguard Health Care ETF	•					•			•				US92204A5048
MSCI US INVESTABLE MARKET INDUSTRIALS 25/50 INDEX														
VIS US	Vanguard Industrials ETF	•					•			•				US92204A6038
MSCI US INVESTABLE MARKET TELECOMMUNICATION SERVICES 25/50 INDEX														
VOX US	Vanguard Telecommunication Services ETF	•					•			•				US92204A8844
MSCI US INVESTABLE MARKET UTILITIES 25/50 INDEX														
VPU US	Vanguard Utilities ETF	•					•			•				US92204A8760
SECTOR INDEXES														
MSCI EUROPE BANKS INDEX														
CB5 FP	Amundi ETF MSCI Europe Banks UCITS ETF	•						•			•			FR0010688176
MSCI EUROPE CONSUMER DISCRETIONARY INDEX														
CD6 FP	Amundi ETF MSCI Europe Consumer Discretionary UCITS ETF	•						•			•			FR0010688184
ME0	ICE Futures Europe MSCI Europe Consumer Discretionary (EUR/NTR)			•				•			•			
STR FP	SPDR MSCI Europe Consumer Discretionary UCITS ETF	•						•			•			FR0000001752
MSCI EUROPE CONSUMER STAPLES INDEX														
CS5 FP	Amundi ETF MSCI Europe Consumer Staples UCITS ETF	•						•			•			FR0010688168
ME1	ICE Futures Europe MSCI Europe Consumer Staples (EUR/NTR)			•				•			•			
STS FP	SPDR MSCI Europe Consumer Staples UCITS ETF	•						•			•			FR0000001745
MSCI EUROPE ENERGY INDEX														
ANRJ FP	Amundi ETF MSCI Europe Energy UCITS ETF	•						•			•			FR0010930644
ME2	ICE Futures Europe MSCI Europe Energy (EUR/NTR)			•				•			•			
STN FP	SPDR MSCI Europe Energy ETF UCITS ETF	•						•			•			FR0000001810
MSCI EUROPE FINANCIALS INDEX														
EUFN US	iShares MSCI Europe Financials Sector Index Fund	•						•		•				US4642891802
ME3	ICE Futures Europe MSCI Europe Financials (EUR/NTR)			•				•			•			

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION				PRIMARY EXCHANGE			ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific	
STZ FP	SPDR MSCI Europe Financials UCITS ETF	•						•		•			FR0000001703
MSCI EUROPE HEALTH CARE INDEX													
CH5 FP	Amundi ETF MSCI Europe Healthcare UCITS ETF	•						•		•			FR0010688192
ME4	ICE Futures Europe MSCI Europe Health Care (EUR/NTR)			•				•		•			
STW FP	SPDR MSCI Europe Health Care UCITS ETF	•						•		•			FR0000001737
MSCI EUROPE INDUSTRIALS INDEX													
CIN FP	Amundi ETF MSCI Europe Industrials UCITS ETF	•						•		•			FR0010688218
ME5	ICE Futures Europe MSCI Europe Industrials (EUR/NTR)			•				•		•			
STQ FP	SPDR MSCI Europe Industrials UCITS ETF	•						•		•			FR0000001778
MSCI EUROPE INFORMATION TECHNOLOGY INDEX													
ME6	ICE Futures Europe MSCI Europe IT (EUR/NTR)			•				•		•			
STK FP	SPDR MSCI Europe Information Technology ETF UCITS ETF	•						•		•			FR0000001695
MSCI EUROPE MATERIALS INDEX													
C8M FP	Amundi ETF MSCI Europe Materials UCITS ETF	•						•		•			FR0010791137
ME7	ICE Futures Europe MSCI Europe Materials (EUR/NTR)			•				•		•			
STP FP	SPDR MSCI Europe Materials UCITS ETF	•						•		•			FR0000001794
MSCI EUROPE REAL ESTATE INDEX													
MF0	ICE Futures Europe MSCI Europe Real Estate (EUR/NTR)			•				•		•			
MSCI EUROPE TELECOMMUNICATION SERVICES INDEX													
CT5 FP	Amundi ETF MSCI Europe Telecom Services UCITS ETF	•						•		•			FR0010713735
ME8	ICE Futures Europe MSCI Europe Telecommunication Services (EUR/NTR)			•				•		•			
STT FP	SPDR MSCI Europe Telecommunication Services UCITS ETF	•						•		•			FR0000001687
MSCI EUROPE UTILITIES INDEX													
CU5 FP	Amundi ETF MSCI Europe Utilities UCITS ETF	•						•		•			FR0010688234
ME9	ICE Futures Europe MSCI Europe Utilities (EUR/NTR)			•				•		•			
STU FP	SPDR MSCI Europe Utilities UCITS ETF	•						•		•			FR0000001646
MSCI WORLD CONSUMER DISCRETIONARY INDEX													
XDWC GR	db x-trackers MSCI World Consumer Discretionary Index UCITS ETF DR	•				•				•			IE00BM67HP23
MWG	ICE Futures Europe MSCI World Consumer Discretionary (USD/NTR)			•		•				•			
CODW FP	Lyxor ETF MSCI World Consumer Discretionary TR	•				•				•			LU0533032008
DISW LN	Lyxor ETF MSCI World Consumer Discretionary TR - USD	•				•				•			LU0533032180
WCOD LN	SPDR MSCI World Consumer Discretionary UCITS ETF	•				•				•			IE00BYTRR640
MSCI WORLD CONSUMER STAPLES INDEX													
XDWS GR	db x-trackers MSCI World Consumer Staples Index UCITS ETF DR	•				•				•			IE00BM67HN09
MWB	ICE Futures Europe MSCI World Consumer Staples (USD/NTR)			•		•				•			
STAW LN	Lyxor ETF MSCI World Consumer Staples TR - USD	•				•				•			LU0533032347
COSW FP	Lyxor ETF MSCI World Consumer Staples TR	•				•				•			LU0533032263
WCOS LN	SPDR MSCI World Consumer Staples UCITS ETF	•				•				•			IE00BYTRR756
MSCI WORLD ENERGY INDEX													
CWE FP	Amundi ETF MSCI World Energy UCITS ETF	•				•				•			FR0010791145
CWEU FP	Amundi ETF MSCI World Energy UCITS ETF	•				•				•			FR0010871178
XDWO GR	db x-trackers MSCI World Energy Index UCITS ETF DR	•				•				•			IE00BM67HM91
MWE	ICE Futures Europe MSCI World Energy (USD/NTR)			•		•				•			
NRGW FP	Lyxor ETF MSCI World Energy TR	•				•				•			LU0533032420
NRGW LN	Lyxor ETF MSCI World Energy TR - USD	•				•				•			LU0533032776
WNRG LN	SPDR MSCI World Energy UCITS ETF	•				•				•			IE00BYTRR863

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION				PRIMARY EXCHANGE				ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific		
MSCI WORLD FINANCIALS INDEX														
CWF FP	Amundi ETF MSCI World Financials UCITS ETF	•				•				•				FR0010791152
CWFO FP	Amundi ETF MSCI World Financials UCITS ETF	•				•				•				FR0010871194
XDWF GR	db x-trackers MSCI World Financials Index UCITS ETF DR	•				•				•				IE00BM67HL84
MWN	ICE Futures Europe MSCI World Financials (USD/NTR)			•		•				•				
FINW FP	Lyxor ETF MSCI World Financials TR	•				•				•				LU0533032859
FINW LN	Lyxor ETF MSCI World Financials TR - USD	•				•				•				LU0533033071
WFIN LN	SPDR MSCI World Financials UCITS ETF	•				•				•				IE00BYTRR970
MSCI WORLD HEALTH CARE INDEX														
XDWH GR	db x-trackers MSCI World Health Care Index UCITS ETF DR	•				•				•				IE00BM67HK77
MWO	ICE Futures Europe MSCI World Health Care (USD/NTR)			•		•				•				
HLTW FP	Lyxor ETF MSCI World Health Care TR	•				•				•				LU0533033238
HLTW LN	Lyxor ETF MSCI World Health Care TR - USD	•				•				•				LU0533033311
WHEA LN	SPDR MSCI World Health Care UCITS ETF	•				•				•				IE00BYTRRB94
MSCI WORLD INDUSTRIALS INDEX														
XDWI GR	db x-trackers MSCI World Industrials Index UCITS ETF DR	•				•				•				IE00BM67HV82
MWI	ICE Futures Europe MSCI World Industrials (USD/NTR)			•		•				•				
INDW FP	Lyxor ETF MSCI World Industrials TR	•				•				•				LU0533033402
INDW LN	Lyxor ETF MSCI World Industrials TR - USD	•				•				•				LU0533033584
WNDU LN	SPDR MSCI World Industrials UCITS ETF	•				•				•				IE00BYTRRC02
MSCI WORLD INFORMATION TECHNOLOGY INDEX														
XDWT GR	db x-trackers MSCI World Information Technology Index UCITS ETF DR	•				•				•				IE00BM67HT60
MWV	ICE Futures Europe MSCI World IT (USD/NTR)			•		•				•				
TNOW FP	Lyxor ETF MSCI World Information Technology TR	•				•				•				LU0533033667
TNOW LN	Lyxor ETF MSCI World Information Technology TR - USD	•				•				•				LU0533033741
WTEC LN	SPDR MSCI World Technology UCITS ETF	•				•				•				IE00BYTRRD19
MSCI WORLD MATERIALS INDEX														
XDWM GR	db x-trackers MSCI World Materials Index UCITS ETF DR	•				•				•				IE00BM67HS53
MWM	ICE Futures Europe MSCI World Materials (USD/NTR)			•		•				•				
MATW FP	Lyxor ETF MSCI World Materials TR	•				•				•				LU0533033824
MATW LN	Lyxor ETF MSCI World Materials TR - USD	•				•				•				LU0533034046
WMAT LN	SPDR MSCI World Materials UCITS ETF	•				•				•				IE00BYTRRF33
MSCI WORLD REAL ESTATE INDEX														
MWS	ICE Futures Europe MSCI World Real Estate (USD/NTR)			•		•				•				
MSCI WORLD TELECOMMUNICATION SERVICES INDEX														
XWTS GR	db x-trackers MSCI World Telecom Services Index UCITS ETF DR	•				•				•				IE00BM67HR47
MWT	ICE Futures Europe MSCI World Telecommunication Services (USD/NTR)			•		•				•				
TELW FP	Lyxor ETF MSCI World Telecommunication Services TR	•				•				•				LU0533034129
TELW LN	Lyxor ETF MSCI World Telecommunication Services TR - USD	•				•				•				LU0533034392
WTEL LN	SPDR MSCI World Telecommunications UCITS ETF	•				•				•				IE00BYTRRG40
MSCI WORLD UTILITIES INDEX														
XDWU GR	db x-trackers MSCI World Utilities Index UCITS ETF DR	•				•				•				IE00BM67HQ30
MWW	ICE Futures Europe MSCI World Utilities (USD/NTR)			•		•				•				
UTIW LN	Lyxor ETF MSCI World Utilities TR - USD	•				•				•				LU0533034632
UTLW FP	Lyxor ETF MSCI World Utilities TR	•				•				•				LU0533034558
WUTI LN	SPDR MSCI World Utilities UCITS ETF	•				•				•				IE00BYTRRH56

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION				PRIMARY EXCHANGE				ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific		
MSCI GLOBAL CHINA INFRASTRUCTURE EXPOSURE														
OBOR US	KraneShares MSCI One Belt One Road Index ETF	•				•				•				US5007678684
MSCI USA ENERGY INDEX														
XUEN GR	db x-trackers MSCI USA Energy Index UCITS ETF DR	•					•				•			IE00BCHWNS19
MSCI USA FINANCIALS INDEX														
XUFN GR	db x-trackers MSCI USA Financials Index UCITS ETF DR	•					•				•			IE00BCHWNT26
MSCI USA CONSUMER DISCRETIONARY INDEX														
XUCD GR	db x-trackers MSCI USA Consumer Discretionary Index UCITS ETF DR	•					•				•			IE00BGQYRR35
MSCI USA CONSUMER STAPLES INDEX														
XUCS GR	db x-trackers MSCI USA Consumer Staples Index UCITS ETF DR	•					•				•			IE00BGQYRQ28
MSCI USA HEALTHCARE INDEX														
XUHC GR	db x-trackers MSCI USA Health Care Index UCITS ETF DR	•					•				•			IE00BCHWNW54
590016 KS	Miraeasset Securites Miraeasset MSCI USA Healthcare ETN H 15		•				•					•		KRG592100165
MSCI USA INFORMATION TECHNOLOGY INDEX														
XUTC GR	db x-trackers MSCI USA Information Technology Index UCITS ETF DR	•					•				•			IE00BGQYRS42
FXIT RM	FinEx MSCI USA Information Technology UCITS ETF	•					•				•			IE00BD3QJ757
MSCI USA IMI TELECOMMUNICATION SERVICES 25/50														
FCOM US	Fidelity MSCI Telecommunication Services Index ETF	•					•				•			US3160928731
MSCI USA IMI CONSUMER DISCRETIONARY														
FDIS US	Fidelity MSCI Consumer Discretionary Index ETF	•					•				•			US3160922049
MSCI USA IMI ENERGY														
FENY US	Fidelity MSCI Energy Index ETF	•					•				•			US3160924029
MSCI USA IMI HEALTH CARE														
FHLC US	Fidelity MSCI Health Care Index ETF	•					•				•			US3160926008
MSCI USA IMI INDUSTRIALS														
FIDU US	Fidelity MSCI Industrials Index ETF	•					•				•			US3160927097
MSCI USA IMI MATERIALS														
FMAT US	Fidelity MSCI Materials Index ETF	•					•				•			US3160928814
MSCI USA IMI FINANCIALS														
FNCL US	Fidelity MSCI Financials Index ETF	•					•				•			US3160925018
MSCI USA IMI CONSUMER STAPLES														
FSTA US	Fidelity MSCI Consumer Staples Index ETF	•					•				•			US3160923039
MSCI USA IMI INFORMATION TECHNOLOGY														
FTEC US	Fidelity MSCI Information Technology Index ETF	•					•				•			US3160928087
MSCI USA IMI UTILITIES														
FUTY US	Fidelity MSCI Utilities Index ETF	•					•				•			US3160928657
MSCI USA IMI REAL ESTATE														
FREL US	Fidelity MSCI Real Estate Index ETF	•					•				•			US3160928574
MSCI USA IMI LIQUID REAL ESTATE														
USPR LN	iShares MSCI Target US Real Estate UCITS ETF	•					•				•			IE00BRHZ0620
MSCI UK IMI LIQUID REAL ESTATE														
UKRE LN	iShares MSCI Target UK Real Estate UCITS ETF	•					•				•			IE00BRHZ0398
EMERGING MARKETS INDEXES														
GLOBAL INDEXES														
MSCI EMERGING MARKETS INDEX														
AEEM FP	Amundi ETF MSCI Emerging Markets UCITS ETF - A	•				•					•			FR0010959676

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION					PRIMARY EXCHANGE			ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific		
AEME FP	Amundi Index MSCI Emerging Markets UCITS ETF DR	•				•					•		LU1437017350	
AUEM FP	Amundi ETF MSCI Emerging Markets UCITS ETF - USD	•				•					•		FR0010959692	
ZEM CN	BMO MSCI Emerging Markets Index ETF	•				•					•		CA05576Y1088	
MXEF	CBOE MSCI Emerging Markets (USD/Pr)				•	•					•			
E127 GR	ComStage ETF MSCI Emerging Markets TRN UCITS ETF	•				•					•		LU0635178014	
XMEM GR	db x-trackers MSCI Emerging Markets Index UCITS ETF	•				•					•		LU0292107645	
XMME GR	db x-trackers MSCI Emerging Markets Index UCITS ETF	•				•					•		IE00BTJRM35	
ETFEMMA GR	Deka MSCI Emerging Markets UCITS ETF	•				•					•		DE000ETFL342	
FMEN	EUREX MSCI Emerging Markets (EUR/NTR)			•		•					•			
OMEN	EUREX MSCI Emerging Markets (EUR/NTR)				•	•					•			
FMEM	EUREX MSCI Emerging Markets (USD/NTR)			•		•					•			
OMEM	EUREX MSCI Emerging Markets (USD/NTR)				•	•					•			
FMEF	EUREX MSCI Emerging Markets (USD/Pr)			•		•					•			
OMEF	EUREX MSCI Emerging Markets (USD/Pr)				•	•					•			
195980 KS	Hanwha ARIRANG Synth-MSCI Emerging Markets ETF H	•				•						•	KR7195980008	
HMEM LN	HSBC MSCI Emerging Markets UCITS ETF	•				•					•		IE00B5SSQT16	
MSM	ICE Futures Europe MSCI Emerging Markets (EUR/NTR)			•		•					•			
MCQ	ICE Futures Europe MSCI Emerging Markets (USD/NTR)			•		•					•			
MMR	ICE Futures US MSCI Emerging Markets (EUR/NTR)			•		•					•			
MMN	ICE Futures US Mini MSCI EM (USD/NTR)			•		•					•			
MME	ICE Futures US Mini MSCI EM (USD/Pr)			•		•					•			
EEM US	iShares MSCI Emerging Markets ETF	•				•					•		US4642872349	
XEM CN	iShares MSCI Emerging Markets ETF	•				•					•		CA46430E1025	
SEMA LN	iShares MSCI Emerging Markets UCITS ETF (Acc)	•				•					•		IE00B4L5YC18	
IEEM LN	iShares MSCI Emerging Markets UCITS ETF (Inc)	•				•					•		IE00B0M63177	
1681 JP	Listed Index Fund International Emerging Countries Equity - MSCI Emerging	•				•						•	JP3047130004	
LYLEM SW	Lyxor ETF MSCI Emerging Markets - NTR C USD	•				•					•		FR0010435297	
LEM FP	Lyxor ETF MSCI Emerging Markets/France	•				•					•		FR0010429068	
PLEM FP	Lyxor UCITS ETF PEA MSCI Emerging Markets C-EUR	•				•					•		FR0011440478	
MXFS LN	Source MSCI Emerging Markets UCITS ETF	•				•					•		IE00B3DWVS88	
SPYM GR	SPDR MSCI Emerging Markets UCITS ETF	•				•					•		IE00B469F816	
STXEMG SJ	Satrix MSCI Emerging Markets ETF	•				•					•		ZAE000246633	
DNEA	SGX MSCI Emerging Markets (USD/Pr)			•		•						•		
ANEA	SGX MSCI Emerging Markets (USD/NTR)			•		•						•		
TMCSI52 IT	Tachlit MSCI Emerging Markets NTR 4Da		•			•					•		IL0011226474	
EMMUSA SW	UBS ETF MSCI Emerging Markets UCITS ETF	•				•					•		LU0480132876	
EGUSAS SW	UBS ETFs plc - MSCI Emerging Markets SF UCITS ETF	•				•					•		IE00B3Z3FS74	
EMMUKD SW	UBS ETF-MSCI Emerging Markets UCITS ETF	•				•					•		LU1126036976	
MSCI EMERGING MARKETS IMI														
IEMG US	iShares Core MSCI Emerging Markets ETF	•				•					•		US46434G1031	
EIMI LN	iShares Core MSCI Emerging Markets IMI UCITS ETF	•				•					•		IE00BKM4GZ66	
XEC CN	iShares Core MSCI Emerging Markets IMI Index ETF	•				•					•		CA46434U1021	
1658 JP	iShares Core MSCI Emerging Markets IMI ETF	•				•						•	JP3048560001	
MSCI EMERGING MARKETS SMALL CAP INDEX														
IEMS LN	iShares MSCI EM Small Cap UCITS ETF	•				•					•		IE00B3F81620	
EEMS US	iShares MSCI Emerging Markets Small Cap ETF	•				•					•		US4642864759	
SPYX GR	SPDR MSCI Emerging Markets Small Cap UCITS ETF	•				•					•		IE00B48X4842	
MSCI EMERGING MARKETS GROWTH INDEX														
FMMG	EUREX MSCI EM Growth (USD/NTR)			•		•					•			

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION				PRIMARY EXCHANGE				ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific		
MSCI EMERGING MARKETS VALUE INDEX														
FMMV	EUREX MSCI EM Value (USD/NTR)			•		•					•			
REGIONAL INDEXES														
MSCI BRIC INDEX														
MCC	ICE Futures Europe MSCI BRIC (USD/NTR)			•		•					•			
BKF US	iShares MSCI BRIC ETF	•				•				•				US4642866572
MSCI EM ASIA INDEX														
AASI FP	Amundi ETF MSCI EM Asia UCITS ETF - EUR	•								•		•		FR0011020965
AASU FP	Amundi ETF MSCI EM Asia UCITS ETF - USD	•								•		•		FR0011018316
XMAS GR	db x-trackers MSCI EM Asia Index UCITS ETF	•								•		•		LU0292107991
FMEA	EUREX MSCI EM Asia (USD/NTR)			•						•		•		
OMEA	EUREX MSCI EM Asia (USD/NTR)				•					•		•		
MCB	ICE Futures Europe MSCI EM Asia (USD/NTR)			•						•		•		
ASN	ICE Futures US mini MSCI EM Asia (USD/NTR)			•						•	•			
ASE	ICE Futures US mini MSCI EM Asia (USD/Pr)			•						•	•			
CSEMAS SW	iShares MSCI EM Asia UCITS ETF	•								•		•		IE00B5L8K969
2802 HK	iShares MSCI Emerging Asia ETF	•								•			•	HK0000051851
EEMA US	iShares MSCI Emerging Markets Asia ETF	•								•	•			US4642864262
SPYA GR	SPDR MSCI EM Asia UCITS ETF	•								•		•		IE00B466KX20
CNEA	SGX MSCI EM Asia (USD/NTR)			•						•			•	
MSCI EM EX CHINA INDEX														
EMXC US	iShares MSCI Emerging Markets ex China ETF	•				•					•			US46434G7640
MSCI EM FAR EAST INDEX														
HMFE LN	HSBC MSCI EM Far East UCITS ETF	•								•		•		IE00B5LP3W10
MSCI EM EASTERN EUROPE EX RUSSIA INDEX														
CE9 FP	Amundi ETF MSCI Eastern Europe ex Russia UCITS ETF - EUR	•								•		•		FR0010717074
CE9U FP	Amundi ETF MSCI Eastern Europe Ex Russia UCITS ETF - EUR	•								•		•		FR0010871129
MSCI EM EASTERN EUROPE INDEX														
CBNDUEEM GR	ComStage ETF MSCI EM Eastern Europe TRN UCITS ETF	•								•		•		LU0392495379
MSCI EM EASTERN EUROPE 10/40 INDEX														
IEER LN	iShares MSCI Eastern Europe Capped UCITS ETF	•				•						•		IE00B0M63953
MSCI EM EMEA INDEX														
XMEA GR	db x-trackers MSCI EM EMEA Index UCITS ETF	•								•		•		LU0292109005
FMEE	EUREX MSCI EM EMEA (USD/NTR)			•						•		•		
OMEE	EUREX MSCI EM EMEA (USD/NTR)				•					•		•		
MCZ	ICE Futures Europe MSCI EM EMEA (USD/NTR)			•						•		•		
MMM	ICE Futures US MSCI EM EMEA (USD/NTR)			•						•	•			
MSCI EM EMEA EX TURKEY INDEX														
FMXT	EUREX MSCI EM EMEA ex Turkey (USD/NTR)			•						•		•		
MSCI EFM AFRICA 50 INDEX														
XMKA GR	db x-trackers MSCI EFM Africa TOP 50 Capped TRN Index UCITS ETF	•								•		•		LU0592217524
MSCI EM LATIN AMERICA INDEX														
ALAT FP	Amundi ETF MSCI Em Latin America UCITS ETF - EUR	•								•		•		FR0011020973
ALAU FP	Amundi ETF MSCI EM Latin America UCITS ETF - USD	•								•		•		FR0011018324
XMLA GR	db x-trackers MSCI EM Latin America Index UCITS ETF	•								•		•		LU0292108619
FMEL	EUREX MSCI EM Latin America USD/NTR)			•						•		•		
OMEL	EUREX MSCI EM Latin America USD/NTR)				•					•		•		

GLOBAL LISTED EXCHANGE TRADED PRODUCTS BASED ON MSCI INDEXES - Q4 2017

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION				PRIMARY EXCHANGE			ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific	
HMLD LN	HSBC MSCI EM Latin America UCITS ETF	•					•			•			IE00B4TS3815
MCF	ICE Futures Europe MSCI EM Lat Am (USD/NTR)			•			•			•			
MML	ICE Futures US MSCI EM Lat Am (USD/NTR)			•			•			•			
MLE	ICE Futures US Mini MSCI EM Latin America (USD/Pr)			•			•			•			
LTAM LN	iShares MSCI EM Latin America UCITS ETF (Dist)	•					•			•			IE00B27YCK28
LTM FP	Lyxor ETF MSCI EM Latin America	•					•			•			FR0010410266
LTM SP	Lyxor ETF MSCI EM Latin America - NTR USD - A	•					•				•		FR0010654103
LTMP FP	Lyxor UCITS ETF MSCI EM Latin America PEA	•					•			•			FR0011551019
MSCI EM LATIN AMERICA EX BRAZIL INDEX													
FMXB	EUREX MSCI EM Latam ex Brazil (USD/NTR)			•			•			•			
MSCI SELECT OECD EMERGING MARKETS GDP WEIGHTED INDEX													
LEMO FP	Lyxor UCITS ETF MSCI Select OECD Emerging Markets GDP - C EUR	•				•				•			FR0011645605
COUNTRY INDEXES													
MSCI BRAZIL INDEX													
BRZ FP	Amundi ETF MSCI Brazil UCITS ETF	•					•			•			FR0010821793
XMBR GR	db x-trackers MSCI Brazil Index UCITS ETF	•					•			•			LU0292109344
XMBR SP	db x-trackers MSCI Brazil Index UCITS ETF DR	•					•			•			LU0455009182
HMBR LN	HSBC MSCI Brazil UCITS ETF	•					•			•			IE00B5W34K94
MCG	ICE Futures Europe MSCI Brazil (USD/NTR)			•			•			•			
CSBR SW	iShares MSCI Brazil UCITS ETF	•					•			•			IE00B59L7C92
IBZL LN	iShares MSCI Brazil UCITS ETF (Dist)	•					•			•			IE00B0M63516
MSCI BRAZIL SMALL CAP INDEX													
EWZS US	iShares MSCI Brazil Small Cap ETF	•					•			•			US4642891315
MSCI BRAZIL 25/50 INDEX													
BRZU US	Direxion Daily Brazil Bull 3X Shares	•					•			•			US25459Y5463
EWZ US	iShares MSCI Brazil ETF	•					•			•			US4642864007
MSCI CHILE INDEX													
FMCL	EUREX MSCI Chile (USD/NTR)			•			•			•			
MSCI CHILE IMI 25/50													
ECH US	iShares MSCI Chile ETF	•					•			•			US4642866408
MSCI CHILE SMALL CAP INDEX													
EASCHNV CI	Fondo Mutuo ETF EuroAmerica MSCI Small Cap Chile	•					•			•			
MSCI CHINA INDEX													
CC1 FP	Amundi ETF MSCI China UCITS ETF	•							•	•			FR0010713784
XCX6 LN	db x-trackers MSCI China Index UCITS ETF	•							•	•			LU0514695690
3055 HK	db x-trackers MSCI China TRN Index UCITS ETF DR	•							•	•			LU0514695856
ETFCHINA GR	Deka MSCI China UCITS ETF	•							•	•			DE000ETFL326
FMCN	EUREX MSCI China Free (USD/NTR)			•					•	•			
FXCN RM	FinEx MSCI China UCITS ETF	•							•	•			IE00BD3QFB18
3040 HK	Horizons MSCI China ETF	•							•		•		HK0000151925
HMCH LN	HSBC MSCI China UCITS ETF	•							•	•			IE00B44T3H88
MCHI US	iShares MSCI China ETF	•							•	•			US46429B6719
2801 HK	iShares MSCI China ETF	•							•		•		HK2801040828
00703 TT	Taishin MSCI China ETF	•							•		•		TW0000070309
MSCI CHINA FREE INDEX													
OMCN	EUREX MSCI China Free (USD/NTR)				•				•	•			
MCY	ICE Futures US MSCI China Free (USD/NTR)			•					•	•			
NCH	SGX MSCI China Free (USD/NTR)			•					•		•		
CH	SGX MSCI China Free (USD/Pr)			•					•		•		

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		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific		
CH	SGX MSCI China Free (USD/Pr)				•				•			•		
MSCI CHINA A INDEX														
512990 CH	ChinaAMC MSCI China A ETF	•							•			•		
CASH LN	ETFS-E Fund MSCI China A GO UCITS ETF	•							•		•		IE00BHBDF83	
83118 HK	Harvest MSCI China A Index ETF	•							•			•	HK0000111283	
CNAF FP	Lyxor Fortune SG MSCI China	•							•		•		FR0011720911	
MSCI CHINA A INTERNATIONAL INDEX														
83149 HK	CSOP MSCI China A International ETF	•							•			•	HK0000273489	
83156 HK	GFI MSCI China A International ETF	•							•			•	HK0000255007	
CNYA LN	iShares MSCI China A UCITS ETF	•							•		•		IE00BQT3WG13	
83162 HK	iShares MSCI China A International Index ETF	•							•			•	HK0000277357	
CNYA US	iShares MSCI China A ETF	•							•	•			US46434V5140	
MSCI CHINA A INTERNATIONAL IMI														
XINA US	SPDR MSCI China A Shares IMI ETF	•							•	•			US78463X2100	
MSCI CHINA ALL SHARES														
CN US	Deutsche X-trackers MSCI All China Equity ETF	•							•	•			US2330517622	
MSCI CHINA A 50 INDEX														
83136 HK	Harvest MSCI China A 50 Index ETF	•							•			•	HK0000132537	
MSCI CHINA H INDEX														
CC1U FP	Amundi ETF MSCI China UCITS ETF	•							•		•		FR0010871111	
MSCI CHINA AND USA INTERNET TOP 50 EQUAL WEIGHTED INDEX														
3021 HK	CSOP MSCI T50 ETF	•							•			•	HK0000233988	
MSCI CHINA SMALL CAP INDEX														
ECNS US	iShares MSCI China Small Cap ETF	•							•	•			US46429B2007	
MSCI COLOMBIA INDEX														
FMC0	EUREX MSCI Colombia (USD/NTR)			•			•				•			
MSCI ALL COLOMBIA CAPPED INDEX														
ICOL US	iShares MSCI Colombia ETF	•					•			•			US46434G2021	
MSCI ALL COLOMBIA SELECT 25/50 INDEX														
GXG US	Global X MSCI Colombia ETF	•					•			•			US37950E2000	
MSCI CZECH REPUBLIC INDEX														
FMCZ	EUREX MSCI Czech Republic (USD/NTR)			•				•			•			
MSCI EGYPT INDEX														
FMEY	EUREX MSCI Egypt (USD/NTR)			•				•			•			
MSCI ALL GREECE SELECT 25/50 INDEX														
GREK US	Global X MSCI Greece ETF	•						•		•			US37950E3669	
MSCI HUNGARY INDEX														
FMHU	EUREX MSCI Hungary (USD/NTR)			•				•			•			
MSCI INDIA INDEX														
CI2 FP	Amundi ETF MSCI India UCITS ETF	•							•		•		FR0010713727	
CI2U FP	Amundi ETF MSCI India UCITS ETF	•							•		•		FR0010869784	
XCX5 LN	db x-trackers MSCI India TRN Index UCITS ETF - 1C	•							•		•		LU0514695187	
DMSI	DGCX MSCI India (INR/Pr)			•					•		•			
DMSU	DGCX MSCI India (USD/NTR)			•					•		•			
FMIN	EUREX MSCI India (USD/NTR)			•					•		•			
MII	ICE Futures Europe MSCI India (USD/NTR)			•					•		•			
MIN	ICE Futures US MSCI India (USD/NTR)			•					•	•				
INP US	iPath MSCI India ETN		•						•	•			US06739F2911	
INDA US	iShares MSCI India ETF	•							•	•			US46429B5984	
INDIA SP	iShares MSCI India ETF	•							•			•	SG1T41930465	

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		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific			
INR FP	Lyxor ETF MSCI India	•								•		•		FR0010361683	
LYINR SW	Lyxor ETF MSCI India USD	•								•		•		FR0010375766	
PINR FP	Lyxor UCITS ETF PEA MSCI India C-EUR	•								•		•		FR0011869320	
NMD	SGX MSCI India (USD/NTR)				•					•			•		
MD	SGX MSCI India (INR/Pr)				•					•			•		
MSCI INDIA SMALL CAP INDEX															
SMIN US	iShares MSCI India Small Cap ETF	•								•	•			US46429B6149	
MSCI INDONESIA INDEX															
XMID LN	db x-trackers MSCI Indonesia Index UCITS ETF	•								•		•		LU0476289623	
3099 HK	db x-trackers MSCI Indonesia TRN Index UCITS ETF	•								•			•	LU0476289896	
FMID	EUREX MSCI Indonesia (USD/NTR)				•					•		•			
HIDR LN	HSBC MSCI INDONESIA UCITS ETF	•								•		•		IE00B46G8275	
256440 KS	KIM KINDEX MSCI Indonesia ETF Synth - Equity-Derivatives	•								•			•	KR7256440009	
INDO FP	Lyxor ETF MSCI Indonesia	•								•		•		FR0011067511	
INDO SP	Lyxor ETF MSCI Indonesia USD	•								•			•	FR0011070374	
ID	SGX MSCI Indonesia (MYR/Pr)				•					•			•		
NID	SGX MSCI Indonesia (USD/NTR)				•					•			•		
500026 KS	Shinhan Investment Shinhan Inverse MSCI Indonesia Futures ETN H 26		•							•			•	KRG507100268	
500025 KS	Shinhan Investment Shinhan MSCI Indonesia Futures ETN H 25		•							•			•	KRG507100250	
MSCI INDONESIA IMI															
EIDO US	iShares MSCI Indonesia ETF	•								•	•			US46429B3096	
MSCI KOREA INDEX															
XMKO GR	db x-trackers MSCI Korea Index UCITS ETF	•								•		•		LU0292100046	
HKOR LN	HSBC MSCI Korea UCITS ETF	•								•		•		IE00B3Z0X395	
IKOR LN	iShares MSCI Korea ETF (Dist)	•								•		•		IE00B0M63391	
CSKR SW	iShares MSCI Korea UCITS ETF (Acc)	•								•		•		IE00B5W4TY14	
KRW FP	Lyxor ETF MSCI Korea	•								•		•		FR0010361691	
KRW SP	Lyxor ETF MSCI Korea - USD - A	•								•			•	FR0010375774	
LYKRW SW	Lyxor ETF MSCI Korea USD	•								•		•		FR0010581447	
PKRW FP	Lyxor UCITS ETF PEA MSCI Korea C-EUR	•								•		•		FR0011869338	
156080 KS	Samsung Kodex MSCI Korea ETF	•								•			•	KR7156080004	
278540 KS	Samsung Kodex MSCI Korea Total Return ETF	•								•			•	KR7278540000	
MSCI KOREA 25/50 INDEX															
KORU US	Direxion Daily South Korea Bull 3X Shares	•								•	•			US25459Y5208	
EWY US	iShares MSCI South Korea ETF	•								•	•			US4642867729	
MSCI MALAYSIA INDEX															
XCX3 LN	db x-trackers MSCI Malaysia TRN Index UCITS ETF - 1C	•								•		•		LU0514694370	
3082 HK	db x-trackers MSCI Malaysia TRN Index UCITS ETF DR- 1C	•								•			•	LU0514694537	
FMMY	EUREX MSCI Malaysia (USD/NTR)				•					•		•			
HMYR LN	HSBC MSCI Malaysia UCITS ETF	•								•		•		IE00B3X3R831	
EWM US	iShares MSCI Malaysia ETF	•								•	•			US4642868305	
MAL FP	Lyxor ETF MSCI Malaysia	•								•		•		FR0010397554	
MAL SP	Lyxor ETF MSCI Malaysia	•								•			•	FR0010589069	
MY	SGX MSCI Malaysia (MYR/Pr)				•					•			•		
MSCI MEXICO INDEX															
D5BI GR	db x-trackers MSCI Mexico Index UCITS ETF	•										•		LU0476289466	
FMMX	EUREX MSCI Mexico (USD/NTR)				•							•			
HMEX LN	HSBC MSCI Mexico Capped UCITS ETF	•								•		•		IE00B3QMYK80	

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		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific	
MCH	ICE Futures Europe MSCI Mexico (USD/NTR)			•			•				•		
MXM	ICE Futures US MSCI Mexico (USD/NTR)			•			•			•			
MSCI MEXICO IMI 25/50 INDEX													
EWV US	iShares MSCI Mexico ETF	•						•		•			US4642868222
CSMXCP SW	iShares MSCI Mexico Capped UCITS ETF	•					•				•		IE00B5WHFQ43
MSCI PAKISTAN INDEX													
FMPK	EUREX MSCI Pakistan (USD/NTR)			•					•		•		
MSCI PAKISTAN IMI INDEX													
O9D SP	db x-trackers MSCI Pakistan IM TRN Index UCITS ETF	•							•			•	LU0659579147
MSCI ALL PAKISTAN SELECT 25/50 INDEX													
PAK US	Global X MSCI Pakistan ETF	•							•	•			US37950E6894
MSCI PERU INDEX													
FMPE	EUREX MSCI Peru (USD/NTR)			•			•				•		
MSCI ALL PERU CAPPED INDEX													
EPU US	iShares MSCI All Peru ETF	•					•			•			US4642898427
MSCI PHILIPPINES INDEX													
FMPH	EUREX MSCI Philippines (USD/NTR)			•					•		•		
PH	SGX MSCI Philippines (PHP/Pr)			•					•			•	
MSCI PHILIPPINES IMI													
XPHI LN	db x-trackers MSCI Philippines IM TRN Index UCITS ETF	•							•		•		LU0592215403
3016 HK	db x-trackers MSCI Philippines IM Index UCITS ETF DR	•							•			•	LU0592215668
EPHE US	iShares MSCI Philippines ETF	•							•	•			US46429B4086
261920 KS	KIM KINDEX MSCI Philippines ETF - Synth	•							•			•	KR7261920003
MSCI POLAND INDEX													
SPOL LN	iShares MSCI Poland ETF UCITS ETF	•						•			•		IE00B4M7GH52
FMPL	EUREX MSCI Poland (USD/NTR)			•				•			•		
MSCI POLAND IMI 25/50													
EPOL US	iShares MSCI Poland ETF	•						•		•			US46429B6065
MSCI QATAR INDEX													
FMQA	EUREX MSCI Qatar (USD/NTR)			•				•			•		
MSCI ALL QATAR CAPPED INDEX													
QAT US	iShares MSCI Qatar ETF	•						•		•			US46434V7799
MSCI RUSSIA INDEX													
XMRC GR	db x-trackers MSCI Russia Capped Index UCITS ETF	•						•			•		LU0322252502
FMRS	EUREX MSCI Russia (USD/NTR)			•				•			•		
FMRU	EUREX MSCI Russia (USD/Pr)			•				•			•		
OMRU	EUREX MSCI Russia (USD/Pr)				•			•			•		
HRUD LN	HSBC MSCI Russia Capped UCITS ETF	•						•			•		IE00B5LJZQ16
CSRU SW	iShares MSCI Russia ADR/GDR UCITS ETF	•						•			•		IE00B5V87390
MSCI RUSSIA 25/50 INDEX													
ERUS US	iShares MSCI Russia ETF	•						•		•			US46434G8069
265690 KS	KIM KINDEX MSCI Russia ETF Synth	•						•				•	KR7265690008
MSCI SAUDI ARABIA IMI 25/50 INDEX													
KSA US	iShares MSCI Saudi Arabia ETF	•						•		•			US46434V4234
MSCI SOUTH AFRICA INDEX													
FMZA	EUREX MSCI South Africa (USD/NTR)			•				•			•		
HZAR LN	HSBC MSCI South Africa UCITS ETF	•						•			•		IE00B57S5Q22
MSE	ICE Futures Europe MSCI South Africa (EUR/NTR)			•				•			•		
MSA	ICE Futures Europe MSCI South Africa (USD/NTR)			•				•			•		
MMS	ICE Futures US MSCI South Africa (USD/NTR)			•				•		•			

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		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific			
SRSA LN	iShares MSCI South Africa UCITS ETF	•						•		•			IE00B52XQP83		
MXZA	JSE MSCI South Africa (ZAR/Pr)			•				•		•					
MSCI SOUTH AFRICA 25/50 INDEX															
EZA US	iShares MSCI South Africa ETF	•						•		•			US4642867802		
MSCI TAIWAN INDEX															
CBNDEUST GR	ComStage ETF MSCI Taiwan TRN UCITS ETF	•							•	•			LU0392495619		
XMTW GR	db x-trackers MSCI Taiwan Index UCITS ETF	•							•	•			LU0292109187		
FMTW	EUREX MSCI Taiwan (USD/NTR)			•					•	•					
0057 TT	Fubon MSCI Taiwan ETF	•							•			•	TW0000057009		
HTWN LN	HSBC MSCI Taiwan ETF UCITS ETF	•							•	•			IE00B3S1J086		
EWT US	iShares MSCI Taiwan ETF	•							•	•			US4642867315		
ITWN LN	iShares MSCI Taiwan UCITS ETF	•							•	•			IE00B0M63623		
83074 HK	iShares Core MSCI Taiwan Index ETF	•							•			•	HK0000297785		
MST	ICE Futures Europe MSCI Taiwan (USD/NTR)			•					•	•					
MTW	ICE Futures US MSCI Taiwan (USD/NTR)			•					•	•					
TWN SP	Lyxor ETF MSCI Taiwan	•							•			•	FR0010398701		
TWN FP	Lyxor ETF Taiwan	•							•	•			FR0010444786		
TW	SGX MSCI Taiwan (TWD/Pr)			•					•			•			
TW	SGX MSCI Taiwan (TWD/Pr)				•				•			•			
NTW	SGX MSCI Taiwan (USD/NTR)			•					•			•			
6203 TT	Yuanta/ P-shares MSCI Taiwan ETF	•							•			•	TW0006203003		
MSCI THAILAND INDEX															
XCX4 LN	db x-trackers MSCI Thailand TRN Index UCITS ETF - 1C	•							•	•			LU0514694701		
3092 HK	db x-trackers MSCI Thailand TRN Index UCITS ETF DR	•							•			•	LU0514694966		
FMTH	EUREX MSCI Thailand (USD/NTR)			•					•	•					
TH	SGX MSCI Thailand (THB/Pr)			•					•			•			
MSCI THAILAND EX FOREIGN BOARD INDEX															
BMSCITH TB	BCAP MSCI Thailand ETF	•							•			•	TH6861010002		
MSCI THAILAND IMI 25/50															
THD US	iShares MSCI Thailand ETF	•							•	•			US4642866242		
MSCI TURKEY INDEX															
HTRD LN	HSBC MSCI Turkey ETF UCITS ETF	•						•		•			IE00B5BRQB73		
ITKY LN	iShares MSCI Turkey ETF UCITS ETF	•						•		•			IE00B1FZS574		
MSCI TURKEY IMI															
TUR US	iShares MSCI Turkey ETF	•						•		•			US4642867158		
MSCI UAE INDEX															
FMUA	EUREX MSCI UAE (USD/NTR)			•				•		•					
MSCI ALL UAE CAPPED INDEX															
UAE US	iShares MSCI UAE ETF	•						•		•			US46434V7617		
SECTOR INDEXES															
MSCI TAIWAN FINANCIALS INDEX															
0055 TT	Yuanta/P-shares MSCI Taiwan Financials ETF	•							•			•	TW0000055003		
FRONTIER MARKETS INDEXES															
GLOBAL INDEXES															
MSCI FRONTIER MARKETS INDEX															
FMFM	EUREX MSCI Frontier Markets (USD/NTR)			•		•					•				
MSCI FRONTIER MARKETS 100 INDEX															
FM US	iShares MSCI Frontier 100 Index ETF	•				•				•			US4642861458		

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		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific		
REGIONAL INDEXES														
MSCI GCC COUNTRIES EX SELECT SECURITIES INDEX														
XGLF GR	db x-trackers MSCI GCC Select Index UCITS ETF	•						•		•				IE00BQXKVQ19
COUNTRY INDEXES														
MSCI ALL ARGENTINA 25/50 INDEX														
ARGT US	Global X MSCI Argentina ETF	•				•				•				US37950E2596
AGT US	iShares MSCI Argentina and Global Exposure ETF	•					•			•				US46435G2764
MSCI BANGLADESH IMI														
O9C SP	db x-trackers MSCI Bangladesh IM Index UCITS ETF	•							•			•		LU0659579220
MSCI ALL NIGERIA SELECT 25/50 INDEX														
NGE US	Global X MSCI Nigeria ETF	•						•		•				US37950E4246
MSCI MOROCCO INDEX														
FMMA	EUREX MSCI Morocco (USD/NTR)			•				•		•				
STRATEGY INDEXES														
FACTOR INDEXES														
MSCI ACWI DIVERSIFIED MULTIPLE-FACTOR														
ACWF US	iShares Edge MSCI Multifactor Global ETF	•				•				•				US46434V3160
MSCI ACWI MINIMUM VOLATILITY (USD) INDEX														
XMW CN	iShares Edge MSCI Min Vol Global Index ETF	•				•				•				CA46434A1066
ACWV US	iShares Edge MSCI Min Vol Global ETF	•				•				•				US4642865251
MSCI ACWI QUALITY INDEX														
ZGQ CN	BMO MSCI All Country World High Quality Index ETF	•					•			•				CA05580K1021
MSCI WORLD DIVERSIFIED MULTIPLE-FACTOR INDEX														
IFSW LN	iShares Edge MSCI World Multifactor UCITS ETF	•				•					•			IE00BZ0PKT83
IS07 GY	iShares Edge MSCI World Multifactor UCITS ETF	•				•					•			IE00BYXPXK00
MSCI WORLD DIVERSIFIED MULTIPLE-FACTOR (AUD) INDEX														
WDMF AU	iShares Edge MSCI World Multifactor ETF	•				•						•		AU00000WDMF0
MSCI WORLD EQUAL WEIGHTED INDEX														
EWV	ICE Futures Europe MSCI World Equal Weighted (USD/NTR)			•		•					•			
MSCI WORLD HIGH DIVIDEND YIELD INDEX														
FIGY US	FI Enhanced Global High Yield ETN		•			•				•				US06742C1523
FIEG US	FI Enhanced Global High Yield ETN Linked to MSCI World High Dividend Yield USD		•			•				•				US25155L2934
FIHD US	UBS FI Enhanced Global High Yield ETN		•			•				•				US90274D2181
XDG CN	iShares Core MSCI Global Quality Dividend Index ETF	•				•				•				CA46436K1021
WQDV LN	iShares MSCI World Quality Dividend UCITS ETF	•				•					•			IE00BYHYSQ67
MSCI WORLD ENHANCED VALUE INDEX														
XDEV GR	db x-trackers MSCI World Value Factor UCITS ETF DR	•				•					•			IE00BL25JM42
IWVL LN	iShares MSCI World Value Factor UCITS ETF	•				•					•			IE00BP3QZB59
MSCI WORLD MID-CAP EQUAL WEIGHTED INDEX														
IWSZ LN	iShares MSCI World Size Factor UCITS ETF	•				•					•			IE00BP3QZD73
MSCI WORLD MINIMUM VOLATILITY (AUD) INDEX														
WVOL AU	iShares Edge MSCI World Minimum Volatility ETF	•				•						•		AU00000WVOL6
MSCI WORLD MINIMUM VOLATILITY (USD) INDEX														
XDEB GR	db x-trackers MSCI World Minimum Volatility UCITS ETF DR	•				•					•			IE00BL25JN58
MVOL LN	iShares Edge MSCI World Min Vol UCITS ETF	•				•					•			IE00B8FHGS14
SXR0 GY	iShares Edge MSCI World Minimum Volatility UCITS ETF	•				•					•			IE00BYXPXL17
MVW	ICE Futures Europe MSCI World Minimum Volatility (USD/NTR)			•		•					•			

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		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific		
MSCI WORLD MOMENTUM INDEX														
XDEM GR	db x-trackers MSCI World Momentum Factor UCITS ETF DR	•				•				•				IE00BL25JP72
IWMO LN	iShares MSCI World Momentum Factor UCITS ETF	•				•				•				IE00BP3QZ825
MSCI WORLD RISK WEIGHTED TOP 200 INDEX														
RWW.B CN	First Asset MSCI World Low Risk Weighted ETF	•				•				•				CA31864D3094
MSCI WORLD FACTOR MIX A-SERIES INDEX														
QMIX AU	SPDR MSCI World Quality Mix Fund	•				•						•		AU00000QMIX4
QWLD US	SPDR MSCI World Strategic Factors ETF	•				•				•				US78463X4189
MSCI WORLD SECTOR NEUTRAL QUALITY INDEX														
XDEQ GR	db x-trackers MSCI World Quality Factor UCITS ETF DR	•				•					•			IE00BL25JL35
IWQU LN	iShares MSCI World Quality Factor UCITS ETF	•				•					•			IE00BP3QZ601
MSCI WORLD EX AUSTRALIA QUALITY INDEX														
QUAL AU	Market Vectors MSCI World ex Australia Quality ETF	•				•						•		AU00000QUAL9
MSCI WORLD EX USA DIVERSIFIED MULTIPLE-FACTOR INDEX														
INTF US	iShares Edge MSCI Multifactor Intl ETF	•				•				•				US46434V2741
MSCI WORLD EX USA ENHANCED VALUE INDEX														
IVLU US	iShares Edge MSCI Intl Value Factor ETF	•				•				•				US46435G4091
MSCI WORLD EX USA MOMENTUM INDEX														
IMTM US	iShares Edge MSCI Intl Momentum Factor ETF	•				•				•				US46434V4499
MSCI WORLD EX USA RISK WEIGHTED INDEX														
ISZE US	iShares Edge MSCI Intl Size Factor ETF	•				•				•				US46435G5080
MSCI WORLD EX USA SECTOR NEUTRAL QUALITY INDEX														
IQLT US	iShares Edge MSCI Intl Quality Factor ETF	•				•				•				US46434V4564
MSCI WORLD EX USA SMALL CAP DIVERSIFIED MULTIPLE-FACTOR INDEX														
ISCF US	iShares Edge MSCI Multifactor Intl Small-Cap ETF	•				•				•				US46434V2667
MSCI WORLD EX USA SELECT VALUE MOMENTUM BLEND INDEX														
UIVM US	USAA MSCI International Value Momentum Blend Index ETF	•				•				•				US90291F3038
MSCI EAFE DIVERSIFIED MULTIPLE-FACTOR (CAD) INDEX														
XFI CN	iShares Edge MSCI Multifactor EAFE Index ETF	•				•				•				CA46435L1013
MSCI EAFE DIVIDEND MASTERS INDEX														
EFAD US	ProShares MSCI EAFE Dividend Growers ETF	•				•				•				US74347B8393
MSCI EAFE ENHANCED VALUE REGION NEUTRAL CAPPED INDEX														
ZVI CN	BMO MSCI EAFE Value Index ETF	•				•				•				CA09661A1084
MSCI EAFE TOP 50 DIVIDEND INDEX														
EFAS US	Global X MSCI SuperDividend EAFE ETF	•				•				•				US37954Y6995
MSCI EAFE RISK WEIGHTED TOP 175 INDEX														
RWX.B CN	First Asset MSCI International Low Risk Weighted ETF(Unhedged)	•				•				•				CA31866Q2099
MSCI EAFE MINIMUM VOLATILITY (USD) INDEX														
EFAV US	iShares Edge MSCI Min Vol EAFE ETF	•				•				•				US46429B6891
XMI CN	iShares Edge MSCI Min Vol EAFE Index ETF	•				•				•				CA46433U1030
MSCI EAFE FACTOR MIX A-SERIES INDEX														
QEFA US	SPDR MSCI EAFE Strategic Factors ETF	•				•				•				US78463X4346
MSCI EUROPE DIVERSIFIED MULTIPLE-FACTOR INDEX														
IFSE LN	iShares Edge MSCI Europe Multifactor UCITS ETF	•						•			•			IE00BZ0PKV06
MSCI EUROPE DIVIDEND MASTERS INDEX														
EUDV US	ProShares MSCI Europe Dividend Growers ETF	•						•		•				US74347B5407
MSCI EUROPE HIGH DIVIDEND YIELD 4% ISSUER CAPPED INDEX														
EQDV LN	iShares MSCI Europe Quality Dividend UCITS ETF	•						•			•			IE00BYYHSM20

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION				PRIMARY EXCHANGE			ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific	
MSCI EUROPE ENHANCED VALUE INDEX													
IEVL LN	iShares Edge MSCI Europe Value Factor UCITS ETF	•						•		•			IE00BQN1K901
MSCI EUROPE EQUAL WEIGHTED INDEX													
EWE	ICE Futures Europe MSCI Europe Equal Weighted (EUR/NTR)			•			•			•			
MSCI EUROPE EQUAL WEIGHTED BUYBACK YIELD INDEX													
BBEU FP	Amundi ETF MSCI Europe Buyback UCITS ETF	•						•		•			FR0012805687
MSCI EUROPE HIGH DIVIDEND YIELD INDEX													
CD9 FP	Amundi ETF MSCI Europe High Dividend UCITS ETF	•						•		•			FR0010718874
CD9D FP	Amundi ETF MSCI Europe High Dividend Factor UCITS ETF - D	•						•		•			FR0012822005
MSCI EUROPE MID CAP EQUAL WEIGHTED INDEX													
IESZ LN	iShares Edge MSCI Europe Size Factor UCITS ETF	•						•		•			IE00BQN1KC32
MSCI EUROPE MINIMUM VOLATILITY (EUR) INDEX													
EUMV US	iShares Edge MSCI Min Vol Europe ETF	•						•		•			US46434V7203
MSCI EUROPE MINIMUM VOLATILITY (USD) INDEX													
MIVO FP	Amundi ETF MSCI Europe Minimum Volatility UCITS ETF	•						•		•			FR0010713768
MVEU LN	iShares Edge MSCI Europe Min Vol UCITS ETF	•						•		•			IE00B86MWN23
MVE	ICE Futures Europe MSCI Europe Minimum Volatility (EUR/NTR)			•				•		•			
MSCI EUROPE MOMENTUM INDEX													
MCEU FP	Amundi ETF MSCI Europe Momentum Factor UCITS ETF	•						•		•			FR0013140514
IEMO LN	iShares MSCI Europe Momentum Factor UCITS ETF	•						•		•			IE00BQN1K786
MSCI EUROPE QUALITY INDEX													
QCEU FP	Amundi ETF MSCI Europe Quality Factor UCITS ETF	•						•		•			FR0013140522
MSCI EUROPE RISK WEIGHTED TOP 100 INDEX													
RWE.B CN	First Asset MSCI Europe Low Risk Weighted ETF	•						•		•			CA31864R3080
MSCI EUROPE SECTOR NEUTRAL QUALITY INDEX													
IEQU LN	iShares Edge MSCI Europe Quality Factor UCITS ETF	•						•		•			IE00BQN1K562
MSCI EUROPE SMALL CAP VALUE WEIGHTED INDEX													
ZPRX GR	SPDR MSCI Europe Small Cap Value Weighted UCITS ETF	•						•		•			IE00BSPLC298
ZPRV GR	SPDR MSCI USA Small Cap Value Weighted UCITS ETF	•						•		•			IE00BSPLC413
MSCI EUROPE VALUE WEIGHTED INDEX													
ZPRW GR	SPDR MSCI Europe Value Weighted UCITS ETF	•						•		•			IE00BSPLC306
MSCI EUROPE EX UK SELECT QUALITY YIELD INDEX													
ZILE LN	BMO MSCI Europe ex-UK Income Leaders UCITS ETF	•						•		•			IE00BZ053V13
MSCI EMU HIGH DIVIDEND YIELD INDEX													
CD8 FP	Amundi ETF MSCI EMU High Dividend UCITS ETF	•						•		•			FR0010717090
CD8D FP	Amundi ETF MSCI EMU High Dividend UCITS ETF - D	•						•		•			FR0012857100
MSCI EMU MINIMUM VOLATILITY INDEX													
XMVE GR	db x-trackers MSCI EMU Minimum Volatility UCITS ETF DR	•						•		•			IE00BDGN9Z19
MSCI EMU PRIME VALUE INDEX													
UIMZ GR	UBS ETF-Factor MSCI EMU Prime Value UCITS ETF	•						•		•			LU1215452928
MSCI EMU QUALITY INDEX													
UIM2 GR	UBS ETF-Factor MSCI EMU Quality UCITS ETF	•						•		•			LU1215451524
MSCI EMU SELECT DYNAMIC 50% RISK WEIGHTED INDEX													
UIMY GR	UBS ETF-Factor MSCI EMU Low Volatility UCITS ETF	•						•		•			LU1215454460
MSCI EMU TOTAL SHAREHOLDER YIELD INDEX													
UIM8 GR	UBS ETF-Factor MSCI EMU Total Shareholder Yield UCITS ETF	•						•		•			LU1215455947

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION					PRIMARY EXCHANGE				ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific			
MSCI EMERGING MARKETS DIVIDEND MASTERS INDEX															
EMDV US	ProShares MSCI Emerging Markets Dividend Growers ETF	•				•					•				US74347B8476
MSCI EMERGING MARKET DIVERSIFIED MULTIPLE-FACTOR INDEX															
EMGF US	iShares Edge MSCI Multifactor Emerging Markets ETF	•				•					•				US46434G8895
MSCI EMERGING MARKETS EQUAL WEIGHTED INDEX															
EWEM US	Guggenheim MSCI Emerging Markets Equal Weight ETF	•				•					•				US78355W5360
EWM	ICE Futures Europe MSCI Emerging Markets Equal Weighted (USD/NTR)			•		•						•			
MSCI EMERGING MARKETS MINIMUM VOLATILITY (USD) INDEX															
EEMV US	iShares Edge MSCI Min Vol Emerging Markets ETF	•				•					•				US4642865335
XMM CN	iShares Edge MSCI Min Vol Emerging Markets Index ETF	•				•					•				CA46433Y1051
EMMV LN	iShares Edge MSCI Emerging Markets Min Vol UCITS ETF	•				•						•			IE00B8KGV557
MVM	ICE Futures Europe MSCI Emerging Markets Minimum Volatility (USD/NTR)			•		•							•		
MSCI EMERGING MARKETS FACTOR MIX A-SERIES INDEX															
QEMM US	SPDR MSCI Emerging Markets Strategic Factors ETF	•				•					•				US78463X4262
MSCI EMERGING MARKETS TOP 50 DIVIDEND INDEX															
SDEM US	Global X MSCI SuperDividend Emerging Markets ETF	•				•					•				US37950E1192
MSCI EMERGING MARKETS SELECT QUALITY YIELD INDEX															
ZIEM LN	BMO MSCI Emerging Markets Income Leaders UCITS ETF	•				•						•			IE00BZ053T90
MSCI EMERGING MARKETS SELECT VALUE MOMENTUM BLEND INDEX															
UEVM US	USAA MSCI Emerging Markets Value Momentum Blend Index ETF	•				•						•			US90291F4028
MSCI NORTH AMERICA HIGH DIVIDEND YIELD INDEX															
XDND GR	db x-trackers MSCI North America High Dividend Yield Index UCITS ETF DR	•					•					•			IE00BH361H73
MSCI AC ASIA EX JAPAN MINIMUM VOLATILITY (USD) INDEX															
AXJV US	iShares Edge MSCI Min Vol Asia ex Japan ETF	•									•	•			US46434V7468
FACTORS HEDGED INDEXES															
MSCI ACWI MINIMUM VOLATILITY (USD) 100% HEDGED TO USD INDEX															
HACV US	iShares Edge MSCI Min Vol Global Currency Hedged ETF	•				•					•				US4642891158
MSCI ACWI MINIMUM VOLATILITY (USD) 100% HEDGED TO CAD INDEX															
XMY CN	iShares Edge MSCI Min Vol Global Index ETF (CAD-Hedged)	•				•					•				CA46436T1030
MSCI ACWI EX US HIGH DIVIDEND YIELD US DOLLAR HEDGED INDEX															
HDAW US	Deutsche X-trackers MSCI All World ex US High Dividend Yield Hedged Equity ETF	•				•					•				US2330515980
MSCI WORLD HIGH DIVIDEND YIELD 100% HEDGED TO CAD INDEX															
XDGH CN	iShares Core MSCI Global Quality Dividend Index ETF (CAD-Hedged)	•				•					•				CA46437B1013
MSCI WORLD RISK WEIGHTED TOP 200 HEDGED TO CAD INDEX															
RWW CN	First Asset MSCI World Low Risk Weighted ETF (CAD Hedged)	•				•					•				CA31864D1015
MSCI EAFE HIGH DIVIDEND YIELD US DOLLAR HEDGED INDEX															
HDEF US	Deutsche X-trackers MSCI EAFE High Dividend Yield Hedged Equity ETF	•				•					•				US2330516301
MSCI EAFE DIVERSIFIED MULTIPLE-FACTOR (CAD) 100% HEDGED TO CAD INDEX															
XFF CN	iShares Edge MSCI Multifactor EAFE Index ETF (CAD-Hedged)	•				•					•				CA46435P1027

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION				PRIMARY EXCHANGE				ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific		
MSCI EAFE MINIMUM VOLATILITY (USD) 100% HEDGED TO USD INDEX														
HEFV US	iShares Edge MSCI Min Vol EAFE Currency Hedged ETF	•				•				•				US46435G7144
MSCI EAFE MINIMUM VOLATILITY (USD) 100% HEDGED TO CAD INDEX														
XML CN	iShares Edge MSCI Min Vol EAFE Index ETF (CAD-Hedged)	•				•				•				CA46436B1022
MSCI EAFE RISK WEIGHTED TOP 175 HEDGED TO CAD INDEX														
RWX CN	First Asset MSCI International Low Risk Weighted ETF	•				•				•				CA31866Q1000
MSCI EUROPE MINIMUM VOLATILITY (USD) 100% HEDGED TO USD INDEX														
HEUV US	iShares Edge MSCI Min Vol Europe Currency Hedged ETF	•						•		•				US46435G6989
MSCI EUROPE EX UK SELECT QUALITY YIELD 100% HEDGED TO GBP INDEX														
ZIEG LN	BMO MSCI Europe ex-UK Income Leaders GBP Hedged UCITS ETF	•						•			•			IE00BZ2Z2W36
MSCI EUROPE QUALITY 100% HEDGED TO CAD INDEX														
ZEQ CN	BMO MSCI Europe High Quality Hedged To CAD Index ETF	•						•		•				CA05579B1058
MSCI EUROPE QUALITY 100% HEDGED TO USD INDEX														
3165 HK	BMO MSCI Europe Quality Hedged to USD ETF	•						•				•		HK0000281003
MSCI EUROPE RISK WEIGHTED TOP 100 HEDGED TO CAD														
RWE CN	First Asset MSCI Europe Low Risk Weighted ETF (CAD Hedged)	•						•		•				CA31864R1001
MSCI EMU PRIME VALUE 100% HEDGED TO CHF INDEX														
EPVLS SW	UBS ETF - Factor MSCI EMU Prime Value UCITS ETF hedged to CHF	•						•			•			LU1215453496
MSCI EMU PRIME VALUE 100% HEDGED TO GBP INDEX														
EPVL LN	UBS ETF - Factor MSCI EMU Prime Value UCITS ETF hedged to GBP	•						•			•			LU1215453819
MSCI EMU PRIME VALUE 100% HEDGED TO USD INDEX														
EPVLU SW	UBS ETF - Factor MSCI EMU Prime Value UCITS ETF hedged to USD	•						•			•			LU1215453736
MSCI EMU QUALITY 100% HEDGED TO CHF INDEX														
EQLTS SW	UBS ETF - Factor MSCI EMU Quality UCITS ETF hedged to CHF	•						•			•			LU1215452092
MSCI EMU QUALITY 100% HEDGED TO GBP INDEX														
EQLT LN	UBS ETF - Factor MSCI EMU Quality UCITS ETF hedged to GBP	•						•			•			LU1215452332
MSCI EMU QUALITY 100% HEDGED TO USD INDEX														
EQLTU SW	UBS ETF - Factor MSCI EMU Quality UCITS ETF hedged to USD	•						•			•			LU1215452258
MSCI EMU SELECT DYNAMIC 50% RISK WEIGHTED 100% HEDGED TO CHF INDEX														
ELOVS SW	UBS ETF - Factor MSCI EMU Low Volatility hedged to CHF	•						•			•			LU1215454973
MSCI EMU SELECT DYNAMIC 50% RISK WEIGHTED 100% HEDGED TO GBP INDEX														
ELOV LN	UBS ETF - Factor MSCI EMU Low Volatility UCITS ETF hedged to GBP	•						•			•			LU1215455350
MSCI EMU SELECT DYNAMIC 50% RISK WEIGHTED 100% HEDGED TO USD INDEX														
ELOVU SW	UBS ETF - Factor MSCI EMU Low Volatility hedged to USD	•						•			•			LU1215455277
MSCI EMU TOTAL SHAREHOLDER YIELD 100% HEDGED TO CHF INDEX														
ETSYS SW	UBS ETF - Factor MSCI EMU Total Shareholder Yield UCITS ETF hedged to CHF	•						•			•			LU1215456325
MSCI EMU TOTAL SHAREHOLDER YIELD 100% HEDGED TO GBP INDEX														
ETSY LN	UBS ETF - Factor MSCI EMU Total Shareholder Yield UCITS ETF hedged to GBP	•						•			•			LU1215456754

GLOBAL LISTED EXCHANGE TRADED PRODUCTS BASED ON MSCI INDEXES - Q4 2017

TICKER/SYMBOL	PRODUCT NAME	PRODUCT				INDEX REGION				PRIMARY EXCHANGE				ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific		
MSCI EMU TOTAL SHAREHOLDER YIELD 100% HEDGED TO USD INDEX														
ETSYU SW	UBS ETF - Factor MSCI EMU Total Shareholder Yield UCITS ETF hedged to USD	•						•		•				LU1215456671
MSCI EMERGING MARKETS MINIMUM VOLATILITY (USD) 100% HEDGED TO USD INDEX														
HEMV US	iShares Edge MSCI Min Vol EM Currency Hedged ETF	•				•				•				US46434G8713
CURRENCY HEDGED INDEXES¹														
MSCI ACWI 100% HEDGED TO USD INDEX														
HACW US	iShares Currency Hedged MSCI ACWI ETF	•				•				•				US46435G8548
MSCI ACWI WITH DEVELOPED MARKETS 100% HEDGED TO CHF INDEX														
ACCUKD SW	UBS ETFs PLC - MSCI ACWI SF UCITS ETF	•				•				•				IE00BZ2GTT26
ACEUKD SW	UBS ETFs PLC - MSCI ACWI SF UCITS ETF	•				•				•				IE00BYVDRD78
ACGUKD SW	UBS ETFs PLC - MSCI ACWI SF UCITS ETF	•				•				•				IE00BYVDRF92
ACUUKD SW	UBS ETFs PLC - MSCI ACWI SF UCITS ETF	•				•				•				IE00BYVDRC61
ACWIE SW	UBS ETFs PLC - MSCI ACWI SF UCITS ETF	•				•				•				IE00BYM11K57
ACWIS SW	UBS ETFs PLC - MSCI ACWI SF UCITS ETF	•				•				•				IE00BYM11L64
MSCI ACWI WITH DEVELOPED MARKETS 100% HEDGED TO USD INDEX														
ACWIU SW	UBS ETFs plc - MSCI ACWI SF UCITS ETF (hedged to USD) A-acc	•				•				•				IE00BYM11J43
MSCI ACWI WITH DEVELOPED MARKETS 100% HEDGED TO JPY INDEX														
ACWIJ SW	UBS ETFs plc - MSCI ACWI SF UCITS ETF Hedged to JPY A-acc	•				•				•				IE00BD495N16
MSCI ACWI WITH DEVELOPED MARKETS 100% HEDGED TO JPY INDEX														
ACWIJ SW	UBS ETFs plc - MSCI ACWI SF UCITS ETF hedged to JPY A-acc	•				•				•				IE00BD495N16
MSCI ACWI EX USA US DOLLAR HEDGED INDEX														
DBAW US	Deutsche X-trackers MSCI All World ex US Hedged Equity ETF	•				•				•				US2330518208
MSCI ACWI EX USA 100% HEDGED TO USD INDEX														
HAWX US	iShares Currency Hedged MSCI ACWI ex US ETF	•				•				•				US46435G8472
MSCI WORLD 100% HEDGED TO CHF INDEX														
IWDC SW	iShares MSCI World CHF Hedged UCITS ETF	•				•				•				IE00B8BVCK12
MSCI WORLD 100% HEDGED TO EUR INDEX														
MHN	ICE Futures Europe MSCI World Hedged to EUR (EUR/NTR)			•		•				•				
IWDE LN	iShares MSCI World EUR Hedged UCITS ETF	•				•				•				IE00B441G979
MSCI WORLD EUR HEDGED INDEX														
XWEH GR	db x-trackers MSCI World Index UCITS ETF - 4C	•				•				•				LU0659579733
WLDH FP	Lyxor UCITS ETF MSCI World - Monthly Hedged D-EUR	•				•				•				FR0011660927
MSCI WORLD 100% HEDGED TO GBP INDEX														
IGWD LN	iShares MSCI World GBP Hedged UCITS ETF	•				•				•				IE00B42YS929
MSCI WORLD 100% HEDGED TO USD INDEX														
WLDU LN	Lyxor UCITS ETF MSCI World Monthly Hedged - D USD	•				•				•				FR0011669845
MSCI WORLD IMI 100% HEDGED TO AUD INDEX														
IHWL AU	iShares Core MSCI World All Cap AUD Hedged ETF	•				•						•		AU000000IHWL7
MSCI WORLD EX AUSTRALIA 100% HEDGED TO AUD INDEX														
VGAD AU	Vanguard MSCI Index International Shares Hedged ETF	•				•						•		AU000000VGAD5
MSCI EAFE ADAPTIVE HEDGED TO USD INDEX														
DEFA US	iShares Adaptive Currency Hedged MSCI EAFE ETF	•				•				•				US46435G6567

¹ This category is defined by ETF products that apply currency hedges to a standard MSCI Index

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION				PRIMARY EXCHANGE				ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific		
MSCI EAFE 100% HEDGED TO CAD INDEX														
XIN CN	iShares MSCI EAFE Index ETF (CAD Hedged)	•				•				•				CA46428L1004
ZDM CN	BMO MSCI EAFE Hedged to CAD Index ETF	•				•				•				CA05577N1015
MSCI EAFE US DOLLAR HEDGED INDEX														
DBEF US	Deutsche X-trackers MSCI EAFE Hedged Equity ETF	•				•				•				US2330512003
MSCI EAFE 100% HEDGED TO USD INDEX														
HEFA US	iShares Currency Hedged MSCI EAFE ETF	•				•				•				US46434V8037
MSCI EAFE IMI 100% HEDGED TO CAD INDEX														
XFH CN	iShares Core MSCI EAFE IMI Index ETF (CAD-Hedged)	•				•				•				CA46435E1079
MSCI EAFE SMALL CAP US DOLLAR HEDGED INDEX														
DBES US	Deutsche X-trackers MSCI EAFE Small Cap Hedged Equity ETF	•				•				•				US2330515808
MSCI EAFE SMALL CAP 100% HEDGED TO USD INDEX														
HSCZ US	iShares Currency Hedged MSCI EAFE Small-Cap ETF	•				•				•				US46435G8399
MSCI EUROPE 100% HEDGED TO CHF INDEX														
EURCHA SW	UBS ETF - MSCI Europe UCITS ETF hedged to CHF A-Acc	•						•			•			LU1589327680
MSCI EUROPE 100% HEDGED TO EUR INDEX														
UIMF GR	UBS ETF - MSCI Europe UCITS ETF hedged to EUR A-Acc	•						•			•			LU1600334798
MSCI EUROPE 100% HEDGED TO GBP INDEX														
UBEU LN	UBS ETF - MSCI Europe UCITS ETF hedged to GBP A-Acc	•						•			•			LU1589328068
MSCI EUROPE US DOLLAR HEDGED INDEX														
DBEU US	Deutsche X-trackers MSCI Europe Hedged Equity ETF	•						•		•				US2330518539
XEOU LN	db x-trackers MSCI Europe INDEX UCITS ETF DR - 2C USD Hedged	•						•				•		LU1184092051
EUUSA SW	UBS ETF - MSCI Europe UCITS ETF hedged to USD A-Acc	•						•			•			LU1589327847
MSCI EUROPE SMALL CAP 100% HEDGED TO USD INDEX														
HEUS US	iShares Currency Hedged MSCI Europe Small-Cap ETF	•						•		•				US46435G6807
MSCI EUROPE IMI 100% HEDGED TO CAD INDEX														
XEH CN	iShares MSCI Europe IMI Index ETF CAD-Hedged	•						•		•				CA46434X1069
MSCI EUROPE EX UK 100% HEDGED TO GBP INDEX														
EUXS LN	iShares MSCI Europe ex-UK GBP Hedged UCITS ETF	•						•			•			IE00BVDJPJ67
MSCI EMU ADAPTIVE HEDGED TO USD INDEX														
DEZU US	iShares Adaptive Currency Hedged MSCI Eurozone ETF	•						•		•				US46435G6641
MSCI EMU 100% HEDGED TO CHF INDEX														
EUCHBH SW	UBS ETF-MSCI EMU 100% Hedged to CHF UCITS ETF	•						•			•			LU0950669175
XDUE SE	db x-trackers MSCI EMU INDEX UCITS ETF DR - 3C CHF Hedged	•						•			•			LU1215828218
EMUC SW	iShares MSCI EMU CHF Hedged UCITS ETF	•						•			•			IE00BWK1SP74
MFEC SW	Lyxor UCITS ETF MSCI EMU - Monthly Hedged CHF	•						•			•			FR0012413326
MSCI EMU UK 100% HEDGED TO GBP INDEX														
XD5S LN	db x-trackers MSCI EMU Index UCITS ETF DR - 2C GBP Hedged	•						•			•			LU1127516455
UB0E LN	UBS ETF – MSCI EMU UCITS ETF (hedged to GBP) A-acc	•						•			•			LU1169820138
UB0F LN	UBS ETF – MSCI EMU UCITS ETF (hedged to GBP) A-dis	•						•			•			LU1169819981
MSCI EMU 100% HEDGED TO SGD INDEX														
EMUP SW	UBS ETF - MSCI EMU UCITS ETF hedged to SGD A-acc	•						•			•			LU1169820641
MSCI EMU 100% HEDGED TO USD INDEX														
XD5D LN	db x-trackers MSCI EMU INDEX UCITS ETF DR - 2C USD Hedged	•						•			•			LU1127514245
MHE	ICE Futures Europe MSCI EMU Hedged to USD (USD/NTR)				•			•			•			

GLOBAL LISTED EXCHANGE TRADED PRODUCTS BASED ON MSCI INDEXES - Q4 2017

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION					PRIMARY EXCHANGE				ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific			
HEZU US	iShares Currency Hedged MSCI Eurozone ETF	•						•		•				US46434V6395	
CEBP GR	iShares MSCI EMU USD Hedged UCITS ETF	•						•			•			IE00BWN1T31	
EUUSBH SW	UBS ETF MSCI EMU 100% Hedged to USD UCITS ETF	•						•			•			LU0950669415	
EUUSAH SW	UBS ETF - MSCI EMU hedged to USD UCITS ETF	•						•				•		LU0937835576	
MSCI EMU IMI US DOLLAR HEDGED INDEX															
DBEZ US	Deutsche X-trackers MSCI Eurozone Hedged Equity ETF	•						•		•				US2330516970	
MSCI EMERGING MARKETS US DOLLAR HEDGED INDEX															
DBEM US	Deutsche X-trackers MSCI Emerging Markets Hedged Equity ETF	•				•				•				US2330511013	
MSCI EMERGING MARKETS 100% HEDGED TO USD INDEX															
HEEM US	iShares Currency Hedged MSCI Emerging Markets ETF	•				•				•				US46434G5099	
MSCI AC ASIA PACIFIC EX JAPAN US DOLLAR HEDGED INDEX															
DBAP US	Deutsche X-trackers MSCI AC Asia Pacific ex Japan Hedged Equity ETF	•							•	•				US2330518463	
MSCI AC FAR EAST EX JAPAN EUR HEDGED INDEX															
XAFE GR	db x-trackers MSCI AC Far East ex Japan Index UCITS ETF DR - 2C	•							•		•			IE00BGDWNL65	
MSCI KOKUSAI JPY HEDGED INDEX															
2514 JP	Next Funds International Equity MSCI-Kokusai Yen-Hedged ETF	•				•						•		JP3048650000	
SHORT & LEVERAGED ²															
MSCI EAFE INDEX															
DPK US	Direxion Developed Markets Bear 3X Shares	•				•				•				US25459W1696	
DZK US	Direxion Developed Markets Bull 3X Shares	•				•				•				US25459W7891	
MFLA US	iPath Long Enhanced MSCI EAFE Index ETN		•			•				•				US06740P8095	
EFZ US	ProShares Short MSCI EAFE	•				•				•				US74347R3701	
EFO US	ProShares Ultra MSCI EAFE	•				•				•				US74347X5005	
EFU US	ProShares UltraShort MSCI EAFE	•				•				•				US74347R3396	
MSCI EUROPE FINANCIALS INDEX															
EUFL US	Direxion Daily European Financials Bull 2X Shares	•						•		•				US25490K1667	
MSCI EMERGING MARKETS INDEX															
C128 GR	ComStage ETF MSCI Emerging Markets Leveraged 2x Daily TRN UCITS ETF	•				•					•			LU0675401409	
EDZ US	Direxion Emerging Markets Bear 3+	•				•				•				US25459W4823	
EDC US	Direxion Emerging Markets Bull 3+	•				•				•				US25459Y6867	
EMLB US	iPath Long Enhanced MSCI Emerging Markets Index ETN		•			•				•				US06740P8749	
225060 KS	MiraeAsset TIGER Synth-MSCI EM Leverage ETF H	•				•						•		KR7225060003	
EUM US	ProShares Short MSCI Emerging Markets	•				•				•				US74347R3966	
EET US	ProShares Ultra MSCI Emerging Markets	•				•				•				US74347X3026	
EEV US	ProShares UltraShort MSCI Emerging Markets	•				•				•				US74347X5757	
COUNTRY STRATEGY INDEXES															
FACTOR INDEXES															
MSCI AUSTRALIA SELECT HIGH DIVIDEND YIELD INDEX															
SYI AU	SPDR MSCI Australia Select High Dividend Yield Fund	•							•			•		AU000000SYI8	
MSCI AUSTRALIA IMI DIVERSIFIED MULTIPLE-FACTOR (AUD) INDEX															
AUMF AU	iShares Edge MSCI Australia Multifactor ETF	•							•			•		AU000000AUMF0	
MSCI AUSTRALIA IMI SELECT MINIMUM VOLATILITY (AUD) INDEX															
MVOL AU	iShares Edge MSCI Australia Minimum Volatility ETF	•							•			•		AU000000MVOL7	

² This category is defined by ETF products that leverage (+2x or +3x) or short (-1x, -2x, or -3x) a standard MSCI Index

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION				PRIMARY EXCHANGE				ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific		
MSCI CANADA MINIMUM VOLATILITY (CAD) INDEX														
XMV CN	iShares Edge MSCI Min Vol Canada Index ETF	•					•			•				CA46433N1096
MSCI CANADA QUALITY INDEX														
FQC CN	First Asset MSCI Canada Quality Index Class ETF	•					•			•				CA31866L7051
MSCI CANADA RISK WEIGHTED INDEX														
RWC CN	First Asset MSCI Canada Low Risk Weighted ETF	•					•			•				CA31864C1032
MSCI CANADA FACTOR MIX A-SERIES CAPPED INDEX														
QCAN US	SPDR MSCI Canada Strategic Factors ETF	•					•			•				US78463X3769
MSCI CANADA IMI SELECT DIVERSIFIED MULTIPLE-FACTOR (CAD) INDEX														
XFC CN	iShares Edge MSCI Multifactor Canada Index ETF	•					•			•				CA46435M1095
MSCI CANADA HIGH DIVIDEND YIELD 10% SECURITY CAPPED INDEX														
XDIV CN	iShares Core MSCI Canadian Quality Dividend Index ETF	•					•			•				CA46435V1094
MSCI CANADA ENHANCED VALUE CAPPED INDEX														
ZVC CN	BMO MSCI Canada Value Index ETF	•					•			•				CA05584R1038
MSCI ALL COLOMBIA LOCAL LISTED RISK WEIGHTED INDEX														
ICOLRISK CB	Fondo Bursatil iShares MSCI Colombia Risk Weighted	•					•			•				COR5FPA00018
MSCI GERMANY FACTOR MIX A-SERIES CAPPED INDEX														
QDEU US	SPDR MSCI Germany Strategic Factors ETF	•					•			•				US78463X3504
MSCI JAPAN HIGH DIVIDEND YIELD INDEX														
1478 JP	iShares MSCI Japan High Dividend ETF	•								•		•		JP3048150001
MSCI JAPAN MINIMUM VOLATILITY (USD) INDEX														
JPMV US	iShares Edge MSCI Min Vol Japan ETF	•								•	•			US46434V7120
MSCI KOREA IMI ENHANCED VALUE CAPPED INDEX														
275290 KS	SAMSUNG KODEX MSCI Enhanced Value ETF	•								•			•	KR7275290005
MSCI KOREA IMI MOMENTUM CAPPED INDEX														
275280 KS	SAMSUNG KODEX MSCI Momentum ETF	•								•			•	KR7275280006
MSCI KOREA IMI QUALITY CAPPED INDEX														
275300 KS	SAMSUNG KODEX MSCI Quality ETF	•								•			•	KR7275300002
MSCI NIHONKABU (JAPAN EX-REITS) MINIMUM VOLATILITY INDEX														
1477 JP	iShares MSCI Japan Minimum Volatility ex-REITs ETF	•								•			•	JP3048140002
MSCI JAPAN FACTOR MIX A-SERIES CAPPED INDEX														
QJPN US	SPDR MSCI Japan Strategic Factors ETF	•								•	•			US78463X3686
MSCI JAPAN IMI CUSTOM LIQUIDITY AND YIELD LOW VOLATILITY														
1399 JP	Listed Index Fund MSCI Japan Equity High Dividend Low Volatility	•								•			•	JP3048170009
MSCI MEXICO SELECT MOMENTUM CAPPED INDEX														
MEXMTUM MM	iShares MSCI Mexico Momentum TRAC	•					•			•				MX1BME0K0001
MSCI MEXICO SELECT RISK WEIGHTED INDEX														
MEXRISK MM	iShares MSCI Mexico Risk TRAC	•					•			•				MX1BME0J0004
MSCI USA DIVERSIFIED MULTIPLE-FACTOR INDEX														
LRGF US	iShares Edge MSCI Multifactor USA ETF	•					•			•				US46434V2824
IFSU LN	iShares Edge MSCI USA Multifactor UCITS ETF	•					•					•		IE00BZ0PKS76
MSCI USA DIVERSIFIED MULTIPLE-FACTOR (CAD) INDEX														
XFS CN	iShares Edge MSCI Multifactor USA Index ETF	•					•			•				CA46435R1082
MSCI USA ENHANCED VALUE INDEX														
ZVU CN	BMO MSCI USA Value Index ETF	•					•			•				CA05584G1072
VLUE US	iShares Edge MSCI USA Value Factor ETF	•					•			•				US46432F3881
IUVL LN	iShares Edge MSCI USA Value Factor UCITS ETF	•					•					•		IE00BD1F4M44

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION				PRIMARY EXCHANGE				ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific		
MSCI USA EQUAL WEIGHTED INDEX														
FMUE	EUREX MSCI USA Equal Weighted (USD/NTR)			•			•				•			
EWS	ICE Futures Europe MSCI USA Equal Weighted (USD/NTR)			•			•			•				
EUSA US	iShares MSCI USA Equal Weighted ETF	•					•			•				US4642866812
MSCI USA MID-CAP EQUAL WEIGHTED INDEX														
IUSZ LN	iShares Edge MSCI USA Size Factor UCITS ETF	•					•				•			IE00BD1F4K20
MSCI USA HIGH DIVIDEND YIELD INDEX														
HDIQ LN	iShares MSCI USA Dividend IQ UCITS ETF	•					•				•			IE00BKM4H312
XDU CN	iShares Core MSCI US Quality Dividend Index ETF	•					•			•				CA46435Q1000
MSCI USA MINIMUM VOLATILITY (USD) INDEX														
MIVU FP	Amundi MSCI USA Minimum Volatility Factor UCITS ETF	•					•				•			LU1589349734
XMVU LN	db x-trackers s MSCI USA Minimum Volatility UCITS ETF DR	•					•				•			IE00BDB7J586
USMV US	iShares Edge MSCI Min Vol USA ETF	•					•			•				US46429B6974
XMU CN	iShares Edge MSCI Min Vol USA Index ETF	•					•			•				CA46433S1083
MSCI USA SMALL CAP MINIMUM VOLATILITY (USD) INDEX														
SMMV US	iShares Edge MSCI Min Vol USA Small Cap ETF	•					•			•				US46435G4331
MSCI USA MOMENTUM INDEX														
FMUM	EUREX MSCI USA Momentum (USD/NTR)			•			•				•			
MTUM US	iShares Edge MSCI USA Momentum Factor ETF	•					•			•				US46432F3964
IUMO LN	iShares Edge MSCI USA Momentum Factor UCITS ETF	•					•				•			IE00BD1F4N50
MSCI USA PRIME VALUE INDEX														
UBUS GR	UBS Irl ETF Plc - Factor MSCI USA Prime Value UCITS ETF	•					•				•			IE00BX7RR706
MSCI USA QUALITY INDEX														
ZUQ CN	BMO MSCI USA High Quality Index ETF	•					•			•				CA05580L1004
FMUQ	EUREX MSCI USA Quality (USD/NTR)			•			•				•			
UBUT GR	UBS Irl ETF plc - Factor MSCI USA Quality UCITS ETF	•					•				•			IE00BX7RRJ27
MSCI USA FACTOR MIX A-SERIES CAPPED INDEX														
QUS US	SPDR MSCI USA Strategic Factors ETF	•					•			•				US78468R8126
MSCI USA RISK WEIGHTED INDEX														
SIZE US	iShares MSCI USA Size Factor ETF	•					•			•				US46432F3709
MSCI USA RISK WEIGHTED TOP 150 INDEX														
RWU.B CN	First Asset MSCI USA Low Risk Weighted ETF	•					•			•				CA31864E3077
MSCI USA SECTOR NEUTRAL QUALITY														
QUAL US	iShares Edge MSCI USA Quality Factor ETF	•					•			•				US46432F3394
IUQA LN	iShares Edge MSCI USA Quality Factor UCITS ETF	•					•				•			IE00BD1F4L37
MSCI USA SELECT DYNAMIC 50% RISK WEIGHTED INDEX														
UBUR GR	UBS Irl ETF plc - Factor MSCI USA Low Volatility UCITS ETF	•					•				•			IE00BX7RQY03
MSCI USA SELECT QUALITY YIELD INDEX														
ZILS LN	BMO MSCI USA Income Leaders UCITS ETF	•					•				•			IE00BZ054072
MSCI USA SELECT FACTOR MIX INDEX														
USFM LN	UBS Irl ETF plc - MSCI USA Select Factor Mix UCITS ETF	•					•				•			IE00BDGV0308
MSCI USA SMALL CAP DIVERSIFIED MULTIPLE-FACTOR INDEX														
SMLF US	iShares Edge MSCI Multifactor USA Small-Cap ETF	•					•			•				US46434V2907
MSCI USA SMALL CAP VALUE WEIGHTED INDEX														
ZPRV GR	SPDR MSCI USA Small Cap Value Weighted UCITS ETF	•						•			•			IE00BSPLC413
MSCI USA TOTAL SHAREHOLDER YIELD INDEX														
UBUU GR	UBS Irl ETF plc - Factor MSCI USA Total Shareholder Yield UCITS ETF	•					•				•			IE00BX7RRT25

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION				PRIMARY EXCHANGE			ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific	
MSCI USA VALUE WEIGHTED INDEX													
FMUV	EUREX MSCI USA Value Weighted (USD/NTR)			•			•			•			
ZPRU GR	SPDR MSCI USA Value Weighted UCITS ETF	•					•			•			IE00BSPLC520
MSCI USA SMALL SELECT VALUE MOMENTUM BLEND INDEX													
USVM US	USAA MSCI USA Small Cap Value Momentum Blend Index ETF	•					•			•			US90291F2048
MSCI USA SELECT VALUE MOMENTUM BLEND INDEX													
ULVM US	USAA MSCI USA Small Cap Value Momentum Blend Index ETF	•					•			•			US90291F1057
MSCI UK SELECT QUALITY YIELD INDEX													
ZILK LN	BMO MSCI UK Income Leaders UCITS ETF	•						•		•			IE00BZ053X37
MSCI UK FACTOR MIX A-SERIES CAPPED INDEX													
QGBR US	SPDR MSCI United Kingdom Strategic Factors ETF	•						•		•			US78463X3355
FACTOR HEDGED INDEXES													
MSCI USA DIVERSIFIED MULTIPLE-FACTOR (CAD) 100% HEDGED TO CAD INDEX													
XFA CN	iShares Edge MSCI Multifactor USA Index ETF (CAD-Hedged)	•				•				•			CA46435N1078
MSCI USA HIGH DIVIDEND YIELD 100% HEDGED TO CAD INDEX													
XDUH CN	iShares Core MSCI US Quality Dividend Index ETF (CAD-Hedged)	•					•			•			CA46435T1049
MSCI USA MINIMUM VOLATILITY (USD) 100% HEDGED TO CAD INDEX													
XMS CN	iShares Edge MSCI Min Vol USA Index ETF (CAD-Hedged)	•				•				•			CA46436R1073
MSCI USA PRIME VALUE 100% HEDGED TO CHF INDEX													
UPVLS SW	UBS Irl ETF plc - Factor MSCI USA Prime Value UCITS ETF hedged to CHF	•				•				•			IE00BX7RRC57
MSCI USA PRIME VALUE 100% HEDGED TO EUR INDEX													
UPVLE SW	UBS Irl ETF plc - Factor MSCI USA Prime Value UCITS ETF hedged to EUR	•				•				•			IE00BWT3KL42
MSCI USA PRIME VALUE 100% HEDGED TO GBP INDEX													
UPVL LN	UBS Irl ETF plc - Factor MSCI USA Prime Value UCITS ETF hedged to GBP	•				•				•			IE00BXDZNH00
MSCI USA SELECT DYNAMIC 50% RISK WEIGHTED 100% HEDGED TO CHF INDEX													
ULOVS SW	UBS Irl ETF plc - Factor MSCI USA Low Volatility UCITS ETF hedged to CHF	•				•				•			IE00BX7RR250
MSCI USA SELECT DYNAMIC 50% RISK WEIGHTED 100% HEDGED TO EUR INDEX													
ULOVE SW	UBS Irl ETF plc - Factor MSCI USA Low Volatility UCITS ETF hedged to EUR	•				•				•			IE00BWT3KJ20
MSCI USA SELECT DYNAMIC 50% RISK WEIGHTED 100% HEDGED TO GBP INDEX													
ULOV LN	UBS Irl ETF plc - Factor MSCI USA Low Volatility UCITS ETF hedged to GBP	•				•				•			IE00BXDZNF85
MSCI USA QUALITY 100% HEDGED TO CHF INDEX													
UQLTS SW	UBS Irl ETF plc - Factor MSCI USA Quality UCITS ETF hedged to CHF	•				•				•			IE00BX7RRN62
MSCI USA QUALITY 100% HEDGED TO EUR INDEX													
UQLTE SW	UBS Irl ETF plc - Factor MSCI USA Quality UCITS ETF hedged to EUR	•				•				•			IE00BWT3KN65
MSCI USA QUALITY 100% HEDGED TO GBP INDEX													
UQLT LN	UBS Irl ETF plc - Factor MSCI USA Quality UCITS ETF hedged to GBP	•				•				•			IE00BXDZNK39
MSCI USA SELECT QUALITY YIELD 100% HEDGED TO GBP INDEX													
ZISG LN	BMO MSCI USA Income Leaders GBP Hedged UCITS ETF	•				•				•			IE00BZ2Z1P93

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION					PRIMARY EXCHANGE				ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific			
MSCI USA TOTAL SHAREHOLDER YIELD 100% HEDGED TO CHF INDEX															
UTSYS SW	UBS Irl ETF plc - Factor MSCI USA Total Shareholder Yield UCITS ETF hedged to CHF	•				•					•			IE00BX7RRY77	
MSCI USA TOTAL SHAREHOLDER YIELD 100% HEDGED TO EUR INDEX															
UTSYE SW	UBS Irl ETF plc - Factor MSCI USA Total Shareholder Yield UCITS ETF hedged to EUR	•				•					•			IE00BWT3KQ96	
MSCI USA TOTAL SHAREHOLDER YIELD 100% HEDGED TO GBP INDEX															
UTSY LN	UBS Irl ETF plc - Factor MSCI USA Total Shareholder Yield UCITS ETF hedged to GBP	•				•					•			IE00BXDZNM52	
FACTOR SECTOR INDEXES															
MSCI USA CONSUMER DISCRETIONARY DIVERSIFIED MULTIPLE-FACTOR CAPPED INDEX															
CNDF US	iShares Edge MSCI Multifactor Consumer Discretionary ETF	•				•					•			US46435G6237	
MSCI USA CONSUMER STAPLES DIVERSIFIED MULTIPLE-FACTOR CAPPED INDEX															
CNSF US	iShares Edge MSCI Multifactor Consumer Staples ETF	•				•					•			US46435G6153	
MSCI USA ENERGY DIVERSIFIED MULTIPLE-FACTOR CAPPED INDEX															
ERGF US	iShares Edge MSCI Multifactor Energy ETF	•				•					•			US46435G5999	
MSCI USA FINANCIALS DIVERSIFIED MULTIPLE-FACTOR CAPPED INDEX															
FNCF US	iShares Edge MSCI Multifactor Financials ETF	•				•					•			US46435G5817	
MSCI USA HEALTH CARE DIVERSIFIED MULTIPLE-FACTOR CAPPED INDEX															
HCRF US	iShares Edge MSCI Multifactor Healthcare ETF	•				•					•			US46435G5650	
MSCI USA INDUSTRIALS DIVERSIFIED MULTIPLE-FACTOR CAPPED INDEX															
INDF US	iShares Edge MSCI Multifactor Industrials ETF	•				•					•			US46435G5577	
MSCI USA MATERIALS DIVERSIFIED MULTIPLE-FACTOR CAPPED INDEX															
MATF US	iShares Edge MSCI Multifactor Materials ETF	•				•					•			US46435G5734	
MSCI USA INFORMATION TECHNOLOGY DIVERSIFIED MULTIPLE-FACTOR CAPPED INDEX															
TCHF US	iShares Edge MSCI Multifactor Technology ETF	•				•					•			US46435G5403	
MSCI USA UTILITIES DIVERSIFIED MULTIPLE-FACTOR CAPPED INDEX															
UTLF US	iShares Edge MSCI Multifactor Utilities ETF	•				•					•			US46435G6310	
CURRENCY HEDGED INDEXES ³															
MSCI AUSTRALIA 100% HEDGED TO CHF INDEX															
AUHCHA SW	UBS Irl ETF plc - MSCI Australia UCITS ETF (hedged to CHF) A-acc	•							•		•			IE00BX7RS779	
MSCI AUSTRALIA 100% HEDGED TO EUR INDEX															
AUHEUA SW	UBS Irl ETF plc - MSCI Australia UCITS ETF (hedged to EUR) A-acc	•							•		•			IE00BWT3KS11	
MSCI AUSTRALIA 100% HEDGED TO GBP INDEX															
AUHGBA SW	UBS Irl ETF plc - MSCI Australia UCITS ETF (hedged to GBP) A-acc	•							•		•			IE00BXDZNQ90	
MSCI AUSTRALIA 100% HEDGED TO USD INDEX															
HAUD US	iShares Currency Hedged MSCI Australia ETF	•							•		•			US46435G6070	
AUHUSA SW	UBS Irl ETF plc - MSCI Australia UCITS ETF (hedged to USD) A-acc	•							•		•			IE00BX7RS555	
MSCI BRAZIL US DOLLAR HEDGED INDEX															
DBBR US	Deutsche X-trackers MSCI Brazil Hedged Equity ETF	•					•				•			US2330513092	
MSCI CANADA 100% HEDGED TO CHF INDEX															
CAHCHA SW	UBS ETF-MSCI Canada UCITS ETF hedged to CHF	•					•				•			LU1130155432	
MSCI CANADA 100% HEDGED TO GBP INDEX															
CAHGBD SW	UBS ETF-MSCI Canada UCITS ETF hedged to GBP	•					•				•			LU1130156596	
UC87 LN	UBS ETF-MSCI Canada UCITS ETF hedged to GBP	•					•				•			LU1130156323	

³ This category is defined by ETF products that apply currency hedges to a standard MSCI Index

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION				PRIMARY EXCHANGE				ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific		
MSCI CANADA 100% HEDGED TO SGD INDEX														
CAHSGA SW	UBS ETF - MSCI Canada UCITS ETF hedged to SGD A-Acc	•					•				•			LU1130156166
MSCI CANADA 100% HEDGED TO USD INDEX														
HEWC US	iShares Currency Hedged MSCI Canada ETF	•					•				•			US4643567060
CAHUSA SW	UBS ETF-MSCI Canada UCITS ETF hedged to USD	•					•				•			LU1130155861
MSCI CHINA A INTERNATIONAL WITH CNH 100% HEDGED TO USD INDEX														
CNHX US	CSOP MSCI China A International Hedged ETF	•								•	•			US12649L2043
MSCI GERMANY 100% HEDGED TO USD INDEX														
HEWG US	iShares Currency Hedged MSCI Germany ETF	•						•			•			US46434V7047
MSCI GERMANY US DOLLAR HEDGED INDEX														
DBGR US	Deutsche X-trackers MSCI Germany Hedged Equity ETF	•						•			•			US2330514082
MSCI ITALY 25/50 100% HEDGED TO USD INDEX														
HEWI US	iShares Currency Hedged MSCI Italy ETF	•						•			•			US4643568217
MSCI JAPAN ADAPTIVE HEDGED TO USD INDEX														
DEWJ US	iShares Adaptive Currency Hedged MSCI Japan ETF	•								•	•			US4643566492
MSCI JAPAN 100% HEDGED TO CHF INDEX														
XMCJ SW	db x-trackers MSCI Japan Index UCITS ETF DR	•								•		•		LU1215827756
JPCHBH SW	UBS ETF MSCI Japan 100% Hedged to CHF UCITS ETF	•								•		•		LU0950672120
IJPC SW	iShares MSCI Japan CHF Hedged UCITS ETF	•								•		•		IE00B8J37J31
MSCI JAPAN 100% HEDGED TO EUR INDEX														
C025 GR	ComStage MSCI Japan 100% Daily Hedge Euro UCITS ETF	•								•		•		LU1033694107
XMK9 GR	db x-trackers MSCI Japan EUR Hedged TRN Index UCITS ETF	•								•		•		LU0659580079
MHI	ICE Futures Europe MSCI Japan Hedged to EUR (EUR/NTR)			•						•		•		
MHI	ICE Futures Europe MSCI Japan Hedged to EUR (EUR/NTR)			•						•		•		
IJPE LN	iShares MSCI Japan Monthly EUR Hedged UCITS ETF	•								•		•		IE00B42Z5J44
ZPDW GR	SPDR MSCI Japan UCITS ETF EUR hedged	•								•		•		IE00BZ068C04
JPEUBH SW	UBS ETF MSCI Japan 100% Hedged to EUR UCITS ETF	•								•		•		LU0950672476
JPEUAH SW	UBS ETF - MSCI Japan hedged to EUR UCITS ETF	•								•		•		LU0937837945
MSCI JAPAN 100% HEDGED TO GBP INDEX														
IJPH LN	iShares MSCI Japan GBP Hedged UCITS ETF	•								•		•		IE00B7XYN974
XMJG LN	db x-trackers MSCI Japan GBP Hedged TRN Index UCITS ETF	•								•		•		LU0659580236
UB0C LN	UBS ETF – MSCI Japan UCITS ETF (hedged to GBP) A-acc	•								•		•		LU1169822423
UB0D LN	UBS ETF – MSCI Japan UCITS ETF (hedged to GBP) A-dis	•								•		•		LU1169822340
MSCI JAPAN 100% HEDGED TO SGD INDEX														
JPNP SW	UBS ETF - MSCI Japan UCITS ETF hedged to SGD A-acc	•								•		•		LU1169822936
MSCI JAPAN 100% HEDGED TO USD INDEX														
3160 HK	BMO MSCI Japan Hedged to USD ETF	•								•			•	HK0000280997
HEWJ US	iShares Currency Hedged MSCI Japan ETF	•								•	•			US46434V8862
IJPD LN	iShares MSCI Japan USD Hedged UCITS ETF	•								•		•		IE00BCLWRG39
JPUSBH SW	UBS ETF - MSCI Japan 100% Hedged to USD UCITS ETF	•								•		•		LU0977260867
JPUSAH SW	UBS ETF - MSCI Japan hedged to USD UCITS ETF	•								•		•		LU0979891768
MSCI JAPAN US DOLLAR HEDGED INDEX														
DBJP US	Deutsche X-trackers MSCI Japan Hedged Equity ETF	•								•	•			US2330515071
XMUJ LN	db x-trackers MSCI Japan Index UCITS ETF USD Hedged	•								•		•		LU0927735406
MSCI KOREA 25/50 US DOLLAR HEDGED INDEX														
DBKO US	Deutsche X-trackers MSCI South Korea Hedged Equity ETF	•								•	•			US2330518125

Ticker/Symbol	Product Name	PRODUCT				INDEX REGION				PRIMARY EXCHANGE			ISIN
		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific	
MSCI KOREA 25/50 100% HEDGED TO USD INDEX													
HEWY US	iShares Currency Hedged MSCI South Korea ETF	•							•	•			US46435G8886
MSCI MEXICO IMI 25/50 US DOLLAR HEDGED INDEX													
DBMX US	Deutsche X-trackers MSCI Mexico Hedged Equity ETF	•					•			•			US2330517960
MSCI MEXICO IMI 25/50 100% HEDGED TO USD INDEX													
HEWW US	iShares Currency Hedged MSCI Mexico ETF	•					•			•			US46435G8050
MSCI SPAIN 25/50 100% HEDGED TO USD INDEX													
HEWP US	iShares Currency Hedged MSCI Spain ETF	•						•		•			US46435G8134
MSCI SWITZERLAND 100% HEDGED TO EUR INDEX													
SWEUAH SW	UBS ETF CH - MSCI Switzerland 100% Hedged to EUR	•						•			•		CH0226274204
MSCI SWITZERLAND 100% HEDGED TO USD INDEX													
SWUSAH SW	UBS ETF CH - MSCI Switzerland 100% Hedged to USD	•						•			•		CH0226274212
MSCI SWITZERLAND 20/35 100% HEDGED TO GBP INDEX													
S2HGBA SW	UBS ETF - MSCI Switzerland 20/35 UCITS ETF hedged to GBP	•						•			•		LU1169830525
S2HGBD SW	UBS ETF - MSCI Switzerland 20/35 UCITS ETF hedged to GBP	•						•			•		LU1169830442
MSCI SWITZERLAND 20/35 100% HEDGED TO EUR INDEX													
S2EUBH SW	UBS ETF - MSCI Switzerland 20/35 100% Hedged to EUR UCITS ETF	•						•			•		LU0977260941
S2EUAH SW	UBS ETF - MSCI Switzerland 20/35 hedged to EUR UCITS ETF	•						•			•		LU0979892220
MSCI SWITZERLAND 20/35 100% HEDGED TO SGD INDEX													
S2HSGA SW	UBS ETF - MSCI Switzerland 20/35 UCITS ETF hedged to SGD	•						•			•		LU1169830871
MSCI SWITZERLAND 20/35 100% HEDGED TO USD INDEX													
S2USBH SW	UBS ETF - MSCI Switzerland 20/35 100% Hedged to USD UCITS ETF	•						•			•		LU0977261089
S2USAH SW	UBS ETF - MSCI Switzerland 20/35 hedged to USD UCITS ETF	•						•			•		LU0979892659
MSCI SWITZERLAND 25/50 100% HEDGED TO USD INDEX													
HEWL US	iShares Currency Hedged MSCI Switzerland ETF	•						•		•			US46435G8704
MSCI UNITED KINGDOM 100% HEDGED TO CHF INDEX													
UKCHBH SW	UBS ETF MSCI United Kingdom 100% Hedged to CHF UCITS ETF	•						•			•		LU0950671072
MSCI UNITED KINGDOM 100% HEDGED TO EUR INDEX													
UKEUBH SW	UBS ETF MSCI United Kingdom 100% Hedged to EUR UCITS ETF	•						•			•		LU0950671239
UKEUAH SW	UBS ETF - MSCI United Kingdom hedged to EUR UCITS ETF	•						•			•		LU0937836970
MSCI UNITED KINGDOM 100% HEDGED TO SGD INDEX													
UKSGD SW	UBS ETF - MSCI United Kingdom UCITS ETF hedged to SGD A-acc	•						•			•		LU1169821615
MSCI UNITED KINGDOM 100% HEDGED TO USD INDEX													
HEWU US	iShares Currency Hedged MSCI United Kingdom ETF	•						•		•			US46435G8621
UKUSBH SW	UBS ETF MSCI United Kingdom 100% Hedged to USD UCITS ETF	•						•			•		LU0950671403
UKUSAH SW	UBS ETF - MSCI United Kingdom hedged to USD UCITS ETF	•						•			•		LU0937837275
MSCI UK US DOLLAR HEDGED INDEX													
DBUK US	Deutsche X-trackers MSCI United Kingdom Hedged Equity ETF	•						•		•			US2330518612
MSCI USA 100% HEDGED TO CHF INDEX													
USCHWH SW	UBS Irl ETF plc - MSCI USA 100% Hedged to CHF UCITS ETF	•					•				•		IE00BD4TYL27

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		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific		
MSCI USA 100% HEDGED TO EUR INDEX														
USEUWH SW	UBS Irl ETF plc - MSCI USA 100% Hedged to EUR UCITS ETF	•					•				•			IE00BD4TYG73
USEUYH SW	UBS Irl ETF plc - MSCI USA hedged to EUR UCITS ETF	•					•				•			IE00BD4TYF66
MSCI USA 100% HEDGED TO GBP INDEX														
USGBPA SW	UBS (Irl) ETF plc – MSCI USA UCITS ETF (hedged to GBP) A-acc	•					•				•			IE00BYQ00Y50
USGBPD SW	UBS (Irl) ETF plc – MSCI USA UCITS ETF (hedged to GBP) A-dis	•					•				•			IE00BYQ00X44
MSCI USA RISK WEIGHTED TOP 150 HEDGED TO CAD INDEX														
RWU CN	First Asset MSCI USA Low Risk Weighted ETF (CAD Hedged)	•					•				•			CA31864E1097
SHORT & LEVERAGED ⁴														
MSCI BRAZIL INDEX														
UBR US	ProShares Ultra MSCI Brazil Capped	•					•				•			US74347X5427
BZQ US	ProShares UltraShort MSCI Brazil Capped	•					•				•			US74348A6736
MSCI INDIA INDEX														
INDL US	Direxion Daily MSCI India Bull	•								•	•			US25490K3317
MSCI JAPAN INDEX														
EZJ US	ProShares Ultra MSCI Japan	•								•	•			US74347X7084
EWV US	ProShares UltraShort MSCI Japan	•								•	•			US74347R3479
JPNL US	Direxion Daily Japan 3x Bull Shares	•								•	•			US25459Y4136
MSCI MEXICO IMI 25/50 INDEX														
MEXX US	Direxion Daily MSCI Mexico Bull 3x Shares	•					•				•			US25460E7528
MSCI TAIWAN INDEX														
00705R TT	Taishin MSCI Taiwan Daily Inverse ETF	•								•		•		TW00000705R9
00704L TT	Taishin MSCI Taiwan Daily Leveraged 2X ETF	•								•		•		TW00000704L5
MSCI USA INDEX														
C2U FP	Amundi ETF Short MSCI USA Daily UCITS ETF	•					•				•			FR0010791194
CL2 FP	Amundi ETF MSCI Leveraged USA Daily UCITS ETF - USD	•					•				•			FR0010755611
MSCI US REIT INDEX														
DRV US	Direxion Daily Real Estate Bear 3X Shares	•					•				•			US25459Y6602
DRN US	Direxion Daily Real Estate Bull 3X Shares	•					•				•			US25459W7552
LRET US	ETRACS Monthly Pay 2xLeveraged MSCI US REIT Index ETN		•				•				•			US90274R1005
THEMATIC INDEXES														
ECONOMIC EXPOSURE INDEXES														
MSCI ACWI EMERGING MARKET CONSUMER GROWTH INDEX														
CEMG LN	iShares MSCI Emerging Markets Consumer Growth UCITS ETF	•				•					•			IE00BKM4H197
COMMODITY PRODUCERS INDEXES														
MSCI ACWI SELECT GOLD MINERS IMI														
RING US	iShares MSCI Global Gold Miners ETF	•				•					•			US4642863355
MSCI ACWI SELECT METALS & MINING PRODUCERS EX GOLD AND SILVER IMI														
PICK US	iShares MSCI Global Metals & Mining Producers ETF	•				•					•			US4642863686
MSCI ACWI SELECT ENERGY PRODUCERS IMI														
FILL US	iShares MSCI Global Energy Producers ETF	•				•					•			US4642863439
MSCI ACWI SELECT AGRICULTURE PRODUCERS IMI														
VEGI US	iShares MSCI Global Agriculture Producers ETF	•				•					•			US4642863504

⁴ This category is defined by ETF products that leverage (+2x or +3x) or short (-1x, -2x, or -3x) a standard MSCI Index

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		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific		
MSCI ACWI SELECT SILVER MINERS IMI														
SLVP US	iShares MSCI Global Silver Miners ETF	•				•				•				US4642863272
MSCI ACWI GOLD WITH EM DR 18% GROUP ENTITY CAPPED														
GLDU FP	Lyxor ETF GOLD USD	•				•					•			LU0854423927
GLDM FP	Lyxor ETF GOLD EUR	•				•					•			LU0854423687
FAITH-BASED INDEXES														
MSCI WORLD ISLAMIC INDEX														
ISWD LN	iShares MSCI World Islamic UCITS ETF	•				•					•			IE00B27YCN58
MSCI EMERGING MARKETS ISLAMIC INDEX														
ISDE LN	iShares MSCI Emerging Markets Islamic UCITS ETF	•				•					•			IE00B27YCP72
MSCI USA ISLAMIC INDEX														
ISUS LN	iShares MSCI USA Islamic UCITS ETF	•					•				•			IE00B296QM64
MSCI MALAYSIA IMI ISLAMIC HIGH DIVIDEND YIELD 10/40 INDEX														
MEMMID MK	MyETF MSCI Malaysia Islamic Dividend	•							•			•		MYL0824EA002
MSCI SOUTH EAST ASIA IMI ISLAMIC HIGH DIVIDEND YIELD 10/40 INDEX														
MEMSID MK	MyETF MSCI SEA Islamic Dividend	•							•			•		MYL0825EA009
ESG INDEXES														
MSCI ACWI LOW CARBON TARGET INDEX														
CRBN US	iShares MSCI ACWI Low Carbon Target ETF	•				•				•				US46434V4648
LOWC US	SPDR MSCI ACWI Low Carbon Target ETF	•				•				•				US78463X1946
MSCI ACWI SUSTAINABLE IMPACT INDEX														
MPCT US	iShares Sustainable MSCI Global Impact ETF	•				•				•				US46435G5320
MSCI WORLD LOW CARBON LEADERS INDEX														
LWCU FP	Amundi ETF MSCI World Low Carbon UCITS ETF - USD	•				•					•			FR0012658003
LWCR FP	Amundi ETF MSCI World Low Carbon UCITS ETF - EUR	•				•					•			FR0012657963
MSCI WORLD EX CONTROVERSIAL WEAPONS INDEX														
EWRD FP	BNP Paribas Easy - MSCI World ex Controversial Weapons UCITS ETF	•				•					•			LU1291108642
EMWE FP	BNP Paribas Easy - MSCI World ex Controversial Weapons UCITS ETF	•				•					•			LU1615092217
MSCI WORLD EX AUSTRALIA EX TOBACCO EX CONTROVERSIAL WEAPONS INDEX														
UBW AU	UBS IQ MSCI World ex Australia Ethical ETF	•				•						•		AU000000UBW3
MSCI EAFE ESG FOCUS INDEX														
ESGD US	iShares MSCI EAFE ESG Optimized ETF	•				•				•				US46435G5163
MSCI EAFE EX FOSSIL FUELS INDEX														
EFAX US	SPDR MSCI EAFE Fossil Fuel Reserves Free ETF	•				•				•				US78470E1064
MSCI EM ESG FOCUS INDEX														
ESGE US	iShares MSCI EM ESG Optimized ETF	•				•				•				US46434G8630
MSCI EMERGING MARKETS EX FOSSIL FUELS INDEX														
EEMX US	SPDR MSCI Emerging Markets Fossil Fuel Reserves Free ETF	•				•				•				US78470E2054
MSCI EUROPE EX CONTROVERSIAL WEAPONS INDEX														
EEUE FP	BNP Paribas Easy - MSCI Europe ex Controversial Weapons UCITS ETF	•				•					•			LU1291099718
MSCI EUROPE SMALL CAP EX CONTROVERSIAL WEAPONS INDEX														
EESM FP	BNP Paribas Easy - MSCI Europe Small Caps ex Controversial Weapons UCITS ETF	•				•					•			LU1291101555
MSCI EUROPE EX UK EX CONTROVERSIAL WEAPONS INDEX														
EEXU FP	BNP Paribas Easy - MSCI Europe ex UK ex Controversial Weapons UCITS ETF	•				•					•			LU1291100664
MSCI EUROPE EX TOBACCO EX CONTROVERSIAL WEAPONS INDEX														
UBE AU	UBS IQ MSCI Europe Ethical ETF	•				•						•		AU000000UBE1

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		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific		
MSCI EMU EX CONTROVERSIAL WEAPONS INDEX														
EEMU FP	BNP Paribas Easy - MSCI EMU ex Controversial Weapons UCITS ETF	•				•					•			LU1291098827
MSCI NORTH AMERICA EX CONTROVERSIAL WEAPONS INDEX														
ENAM FP	BNP Paribas Easy - MSCI North America EX Controversial Weapons UCITS ETF	•				•					•			LU1291104575
MSCI EMERGING MARKETS EX CONTROVERSIAL WEAPONS INDEX														
EEMK FP	BNP Paribas Easy - MSCI Emerging Markets ex Controversial Weapons UCITS ETF	•				•					•			LU1291097779
MSCI ASIA APEX 50 EX TOBACCO EX CONTROVERSIAL WEAPONS INDEX														
UBP AU	UBS IQ MSCI Asia APEX 50 Ethical ETF	•							•			•		AU000000UBP7
MSCI PACIFIC EX-JAPAN EX-CONTROVERSIAL WEAPONS INDEX														
EPEJ FP	BNP Paribas Easy - MSCI Pacific ex Japan ex Controversial Weapons UCITS ETF	•							•		•			LU1291106356
MSCI AUSTRALIA EX TOBACCO EX CONTROVERSIAL WEAPONS INDEX														
UBA AU	UBS IQ MSCI Australia Ethical ETF	•							•			•		AU000000UBA9
MSCI CHINA IMI ENVIRONMENT 10/40 INDEX														
KGRN US	KraneShares MSCI China Environment Index ETF	•							•	•				US5007678502
MSCI JAPAN ESG SELECT LEADERS INDEX														
1653 JP	Daiwa ETF MSCI Japan ESG Select Leaders Index	•							•			•		JP3048510006
MSCI JAPAN EMPOWERING WOMEN INDEX														
1652 JP	Daiwa ETF MSCI Japan Empowering Women Index WIN	•							•			•		JP3048500007
MSCI JAPAN EX CONTROVERSIAL WEAPONS INDEX														
EJAP FP	BNP Paribas Easy - MSCI Japan ex Controversial Weapons UCITS ETF	•							•		•			LU1291102447
EJAH FP	BNP Paribas Easy - MSCI Japan ex Controversial Weapons UCITS ETF H EUR	•							•		•			LU1481203070
MSCI UK EX CONTROVERSIAL WEAPONS INDEX														
EUKD FP	BNP Paribas Easy - MSCI UK ex Controversial Weapons UCITS ETF	•					•				•			LU1291107917
MSCI USA EX TOBACCO EX CONTROVERSIAL WEAPONS INDEX														
UBU AU	UBS IQ MSCI USA Ethical ETF	•					•					•		AU000000UBU7
MSCI USA ESG FOCUS INDEX														
ESGU US	iShares MSCI USA ESG Optimized ETF	•					•			•				US46435G4257
MSCI USA ESG SELECT INDEX														
SUSA US	iShares MSCI USA ESG Select ETF	•					•			•				US4642888022
MSCI JAPAN EX TOBACCO EX CONTROVERSIAL WEAPONS INDEX														
UBJ AU	UBS IQ MSCI Japan Ethical ETF	•							•			•		AU000000UBJ0
BLOOMBERG - BARCLAYS - MSCI FIXED INCOME ESG INDEXES														
BLOOMBERG BARCLAYS MSCI EURO CORPORATE SUSTAINABILITY & SRI (EUR)														
	db X-trackers II ESG Eur Corporate Bond UCITS ETF	•						•			•			LU0484968812
BLOOMBERG BARCLAYS MSCI EURO CORPORATE 0-3 YR SUSTAINABILITY EX CONTROVERSIAL WEAPONS INDEX														
SUSE LN	iShares Euro Corporate Bond Sustainability Screened 0-3yr UCITS ETF (SUSE)	•						•			•			IE00BYZTVV78
BLOOMBERG BARCLAYS MSCI EURO AREA LIQUID CORPORATES SUSTAINABLE INDEX														
	UBS ETF (LU) Bloomberg Barclays MSCI Euro Area Liquid Corporates Sustainable UCITS ETF	•						•			•			LU1484799769
BLOOMBERG BARCLAYS MSCI US LIQUID CORPORATES SUSTAINABLE INDEX														
	UBS ETF (LU) Barclays MSCI US Liquid Corporates Sustainable UCITS ETF	•					•				•			LU1215461085
BLOOMBERG BARCLAYS MSCI US CORPORATE ESG FOCUS														
SUSC	iShares ESG USD Corporate Bond ETF	•					•				•			US46435G1931
BLOOMBERG BARCLAYS MSCI US CORPORATE 1-5 YEAR ESG FOCUS														
SUSB	iShares ESG 1-5 Year USD Corporate Bond ETF	•					•				•			US46435G2434
BLOOMBERG BARCLAYS MSCI US AGGREGATE ESG SELECT														
NUBD	Nushares ESG U.S. Aggregate Bond ETF	•					•			•				

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		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific		
SOCIALLY RESPONSIBLE INDEXES														
MSCI WORLD SRI SELECT INDEX														
SUSW LN	iShares MSCI World SRI UCITS ETF	•				•				•				IE00BYX2JD69
SUWS LN	iShares MSCI World SRI UCITS ETF	•				•				•				IE00BDZZTM54
MSCI EMERGING MARKETS SRI INDEX														
EMSR FP	BNP Paribas Easy - MSCI Emerging Markets SRI UCITS ETF	•				•				•				LU1291098314
SUSM LN	iShares Sustainable MSCI Emerging Markets SRI UCITS ETF	•				•				•				IE00BYVJRP78
MSCI EMERGING MARKETS SRI 5% ISSUER CAPPED INDEX														
UEF5 GR	UBS ETF - MSCI Emerging Markets Socially Responsible UCITS ETF	•				•				•				LU1048313891
MSCI EMU SRI 5% ISSUER CAPPED 100% HEDGED TO CHF INDEX														
EUSRS SW	UBS ETF - MSCI EMU Socially Responsible UCITS ETF Hedged	•						•		•				LU1273642816
EUSRT SW	UBS ETF - MSCI EMU Socially Responsible UCITS ETF Hedged	•						•		•				LU1273642907
MSCI EMU SRI 5% ISSUER CAPPED 100% HEDGED TO USD INDEX														
EUSRU SW	UBS ETF - MSCI EMU Socially Responsible UCITS ETF Hedged	•						•		•				LU1280300770
MSCI EUROPE SRI INDEX														
IESE LN	iShares MSCI Europe SRI UCITS ETF EUR Acc	•						•		•				IE00B52VJ196
MSCI KLD 400 SOCIAL INDEX														
EKLD FP	BNP Paribas Easy - MSCI KLD 400 Social UCITS ETF	•				•				•				LU1291103338
EKUS FP	BNP Paribas Easy MSCI KLD 400 US SRI UCITS ETF	•				•				•				LU1659681669
DSI US	iShares MSCI KLD 400 Social ETF	•					•			•				US4642885705
MSCI EMU SRI 5% ISSUER CAPPED INDEX														
UIMR GR	UBS ETF-MSCI EMU Socially Responsible UCITS ETF A -Dis	•						•		•				LU0629460675
MSCI PACIFIC SOCIALLY RESPONSIBLE 5% ISSUER CAPPED INDEX														
UIMT GR	UBS ETF-MSCI Pacific Socially Responsible UCITS ETF A-Dis	•							•	•				LU0629460832
MSCI WORLD SOCIALLY RESPONSIBLE 5% ISSUER CAPPED INDEX														
UIMM GR	UBS ETF-MSCI World Socially Responsible UCITS ETF A-Dis	•				•				•				LU0629459743
MSCI JAPAN SOCIALLY RESPONSIBLE 5% ISSUER CAPPED INDEX														
FRCJ GR	UBS ETF - MSCI Japan Socially Responsible UCITS ETF A-Dis	•							•	•				LU1230561679
MSCI JAPAN SOCIALLY RESPONSIBLE 5% ISSUER CAPPED 100% HEDGED TO CHF INDEX														
JPSRT SW	UBS ETF - MSCI Japan Socially Responsible UCITS ETF hedged to CHF A-Dis	•							•	•				LU1273488475
MSCI JAPAN SOCIALLY RESPONSIBLE 100% HEDGED TO EUR INDEX														
SUSJ LN	iShares Sustainable MSCI Japan SRI EUR Hedged UCITS ETF	•							•	•				IE00BYVJQR85
MSCI JAPAN SOCIALLY RESPONSIBLE 5% ISSUER CAPPED 100% HEDGED TO EUR INDEX														
JPSRE SW	UBS ETF - MSCI Japan Socially Responsible UCITS ETF hedged to EUR A-Acc	•							•	•				LU1273488715
MSCI JAPAN SOCIALLY RESPONSIBLE 5% ISSUER CAPPED 100% HEDGED TO USD INDEX														
JPSRU SW	UBS ETF - MSCI Japan Socially Responsible UCITS ETF hedged to USD A - Acc	•							•	•				LU1273489440
MSCI JAPAN SRI INDEX														
SUJP LN	iShares MSCI Japan SRI UCITS ETF USD Acc	•							•	•				IE00BYX8XC17
MSCI SWITZERLAND IMI EXTENDED SRI 5% ISSUER CAPPED INDEX														
CHSRI SW	UBS ETF CH - MSCI Switzerland IMI Socially Responsible UCITS ETF A-Dis	•						•		•				CH0368190739

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		ETF	ETN	Futures	Options	Global	Americas	Europe/ Africa	Asia Pacific	Americas	Europe/ Africa	Asia Pacific	
MSCI UK IMI EXTENDED SRI 5% ISSUER CAPPED INDEX													
UKSR LN	UBS Irl ETF plc - MSCI United Kingdom IMI Socially Responsible UCITS ETF A-Dis	•						•		•			IE00BMP3HN93
MSCI UK IMI EXTENDED SRI 5% ISSUER CAPPED 100% HEDGED TO CHF INDEX													
UKSRT SW	UBS Irl ETF plc - MSCI United Kingdom IMI Socially Responsible UCITS ETF Hedged A-Dis	•						•		•			IE00BZ0RTB90
MSCI UK IMI EXTENDED SRI 5% ISSUER CAPPED 100% HEDGED TO USD INDEX													
UKSRU SW	UBS Irl ETF plc - MSCI United Kingdom IMI Socially Responsible UCITS ETF hedged	•						•		•			IE00BYNQMM85
MSCI USA SOCIALLY RESPONSIBLE 5% ISSUER CAPPED INDEX													
UIMP GR	UBS ETF-MSCI USA Socially Responsible UCITS ETF A-Dis	•					•			•			LU0629460089
MSCI USA SRI INDEX													
SUAS LN	iShares Sustainable MSCI USA SRI UCITS ETF	•						•		•			IE00BYVJRR92
MSCI USA SOCIALLY RESPONSIBLE 5% ISSUER CAPPED 100% HEDGED TO EUR INDEX													
USSRF IM	UBS ETF - MSCI USA Socially Responsible UCITS ETF Hedged	•						•		•			LU1280303014
MSCI USA SOCIALLY RESPONSIBLE 5% ISSUER CAPPED 100% HEDGED TO CHF INDEX													
USSRS SW	UBS ETF - MSCI USA Socially Responsible UCITS ETF Hedged A-Acc	•					•			•			LU1273641503
USSRT SW	UBS ETF - MSCI USA Socially Responsible UCITS ETF Hedged A-Acc	•					•			•			LU1273641503
CYCLICAL & DEFENSIVE SECTORS INDEXES													
MSCI EMU CYCLICAL SECTORS CAPPED INDEX													
UBUN GR	UBS Irl ETF plc - MSCI EMU Cyclical UCITS ETF	•						•		•			IE00BMP3HJ57
MSCI EMU DEFENSIVE SECTORS CAPPED INDEX													
UBUP GR	UBS Irl ETF plc - MSCI EMU Defensive UCITS ETF	•						•		•			IE00BMP3HL79
REAL ESTATE INDEXES													
IPD® DIRECT PROPERTY INDEXES													
IPD UK QUARTERLY ALL INDUSTRIAL INDEX FUTURES - CALENDAR YEAR RETURNS													
PAIQ	EUREX IPD UK Quarterly All Industrial Index Futures - Calendar Year Returns (GBP)			•				•		•			
IPD UK QUARTERLY ALL OFFICE INDEX FUTURES - CALENDAR YEAR RETURNS													
PAOQ	EUREX IPD UK Quarterly All Office Index Futures - Calendar Year Returns (GBP)			•				•		•			
IPD UK QUARTERLY ALL PROPERTY INDEX FUTURES - CALENDAR YEAR RETURNS													
PUKQ	EUREX IPD UK Quarterly All Property Index Futures - Calendar Year Returns (GBP)			•				•		•			
IPD UK QUARTERLY ALL RETAIL INDEX FUTURES - CALENDAR YEAR RETURNS													
PARQ	EUREX IPD UK Quarterly All Retail Index Futures - Calendar Year Returns (GBP)			•				•		•			
IPD UK QUARTERLY CITY OFFICE INDEX FUTURES CALENDAR YEAR RETURNS													
PCOF	EUREX IPD UK Quarterly City Office Index Futures Calendar Year Returns (GBP)			•				•		•			
IPD UK QUARTERLY RETAIL WAREHOUSE INDEX FUTURES CALENDAR YEAR RETURNS													
PREW	EUREX IPD UK Quarterly Retail Warehouse Index Futures Calendar Year Returns (GBP)			•				•		•			
IPD UK QUARTERLY SHOPPING CENTRE INDEX FUTURES CALENDAR YEAR RETURNS													
PSOP	EUREX IPD UK Quarterly Shopping Centre Index Futures Calendar Year Returns (GBP)			•				•		•			
IPD UK QUARTERLY SOUTH EASTERN INDUSTRIAL INDEX FUTURES CALENDAR YEAR RETURNS													
PSEI	EUREX IPD UK Quarterly South Eastern Industrial Index Futures Calendar Year Returns (GBP)			•				•		•			
IPD UK QUARTERLY WESTEND & MIDTOWN OFFICE INDEX FUTURES CALENDAR YEAR RETURNS													
PWOF	EUREX IPD UK Quarterly Westend & Midtown Office Index Futures Calendar Year Returns (GBP)			•				•		•			

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