

# ETFplus Monitor

**Q1 2019**  
January – March



**London**  
Stock Exchange Group

# Contents

---

## ETFplus

---

Q1 News	page 3
---------	--------

---

New listings on Italian market	page 4
--------------------------------	--------

---

Trades	page 5
--------	--------

---

Liquidity – Spread	page 6
--------------------	--------

---

AUM in Italy and Net Inflow	page 7
-----------------------------	--------

---

# Q1 News

## **ETFplus market Milestone – Q1 2019**

- 116 new instruments (114 ETFs and 2 ETCs) listed in the Q1 2019.  
At the end of March, 1285 instruments were available on ETFplus market
- 1 new ETFs' issuer : Vanguard – the second worldwide ETF provider -  
who listed 19 ETFs

## **AUM / Net inflow in Italy – Q1 2019**

- At the end of March, ETFplus' AUM reached the new record of €73.7bn  
(+10.9% vs 2018)
- In the Q1 the net inflow was equal to €1.5 billion

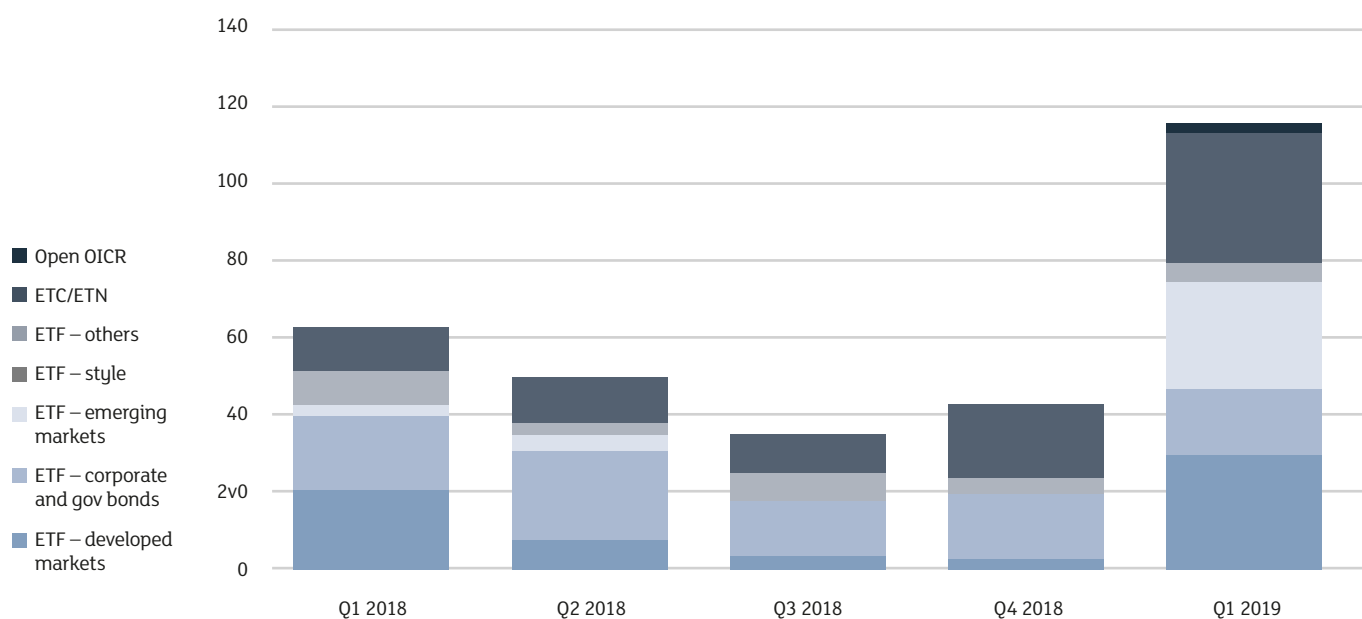
## **Trades – Q1 2019**

- Q1 turnover: €28.4 billion (+11.8% vs 2018)
- €2.9 billion traded with RFQ function in Q1 2019, with an average contract size  
equal to €3.4 million. New record for RFQ turnover in February: €1.4 billion

## **News from ETFplus market**

- 1 ETF on an index of global companies focused on the blockchain technology
- 1 ETF on an index of European companies which respect ESG and Catholic  
principles
- 1 supranational bonds ETF

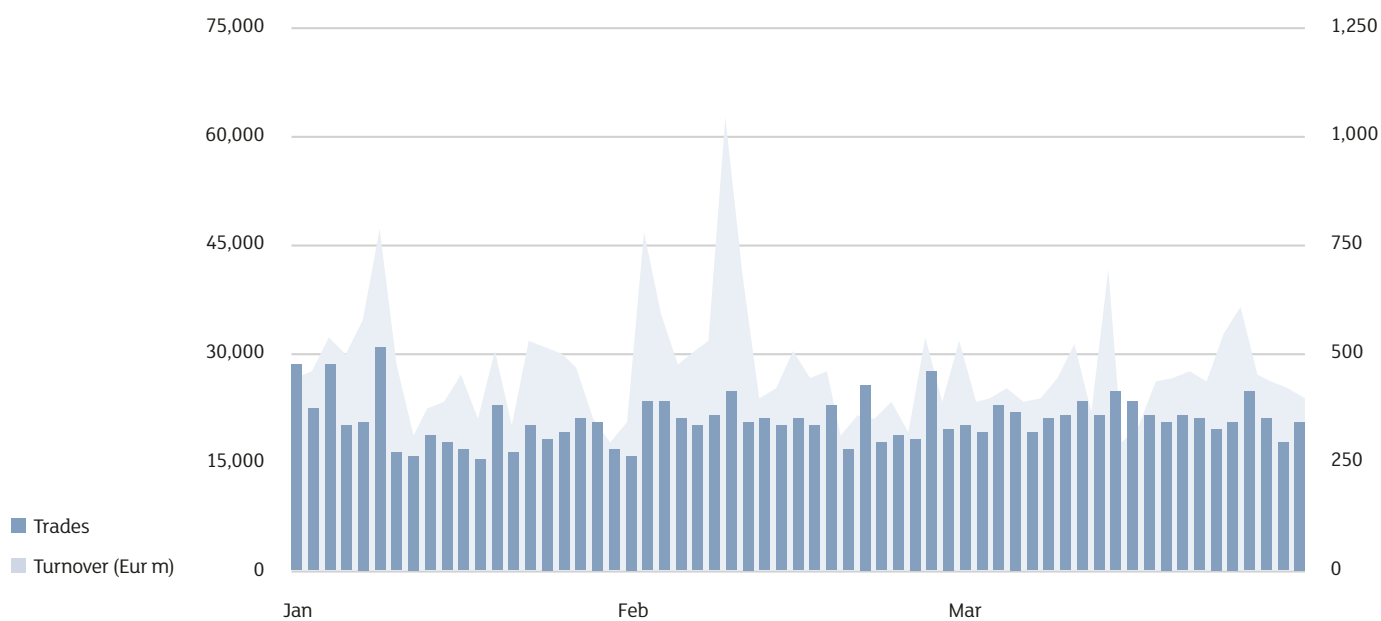
# New listings on Italian market



## New listings – Q1 2019

ETF			
Corporate Bond - ex Euro	2	Equity Emerging - Centre/South America	3
Government Bonds - ex Euro	6	Government Bonds - Euro	3
Equity Emerging - East Europe	4	Equity Emerging - World	2
Corporate Bond - Euro	3	Equity Thematic	8
Commodities	2	Equity Europe - Single Country	2
Equity Sectors (Developed)	22	Equity North America	8
Equity World	7	Equity Pacific	8
Equity Style (Developed)	5	Equity Emerging - Asia	17
Equity Emerging - Africa/Middle East	2	Government Bonds - World	2
Equity Europe - Regional	5	Government Bonds - Emerging	1
Real Estate	2		
ETC/ETN			
Index Commodities			2
<b>Total Q1 2019</b>			<b>116</b>
<b>Listed 31.03.2019</b>			<b>1,285</b>

# Trades



Daily average	Q1 2019	Var. % Q1 2018
---------------	---------	----------------

## ETF

Trades	12,564	-8.2%
Turnover (Eur m)	378.9	-8.0%

## ETC/ETN

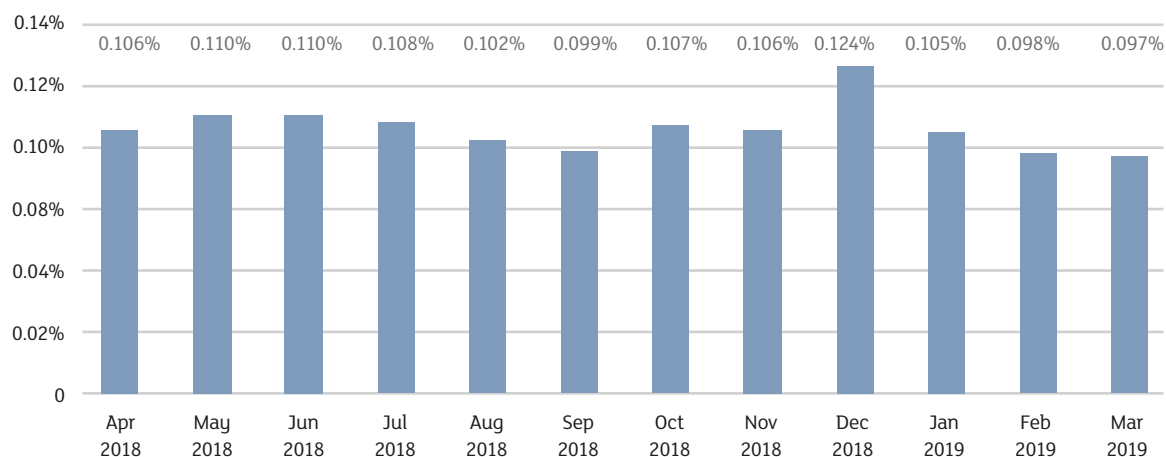
Trades	7,691	6.8%
Turnover (Eur m)	72.2	-12.8%

Source: LSEG – Markets Analysis

# Liquidity – Spread

	ETF Developed market	ETF Corporate government bond	ETF Emerging markets	ETF Style	ETF Others
Apr 2018	0.086%	0.090%	0.167%	0.181%	0.204%
May 2018	0.085%	0.105%	0.159%	0.168%	0.195%
Jun 2018	0.086%	0.105%	0.171%	0.171%	0.187%
Jul 2018	0.086%	0.100%	0.172%	0.169%	0.190%
Aug 2018	0.079%	0.096%	0.164%	0.165%	0.188%
Sep 2018	0.075%	0.093%	0.162%	0.154%	0.189%
Oct 2018	0.085%	0.095%	0.189%	0.182%	0.207%
Nov 2018	0.087%	0.091%	0.172%	0.184%	0.216%
Dec 2018	0.108%	0.107%	0.197%	0.190%	0.241%
Jan 2019	0.087%	0.090%	0.168%	0.167%	0.209%
Feb 2019	0.076%	0.089%	0.157%	0.155%	0.202%
Mar 2019	0.075%	0.090%	0.151%	0.152%	0.189%

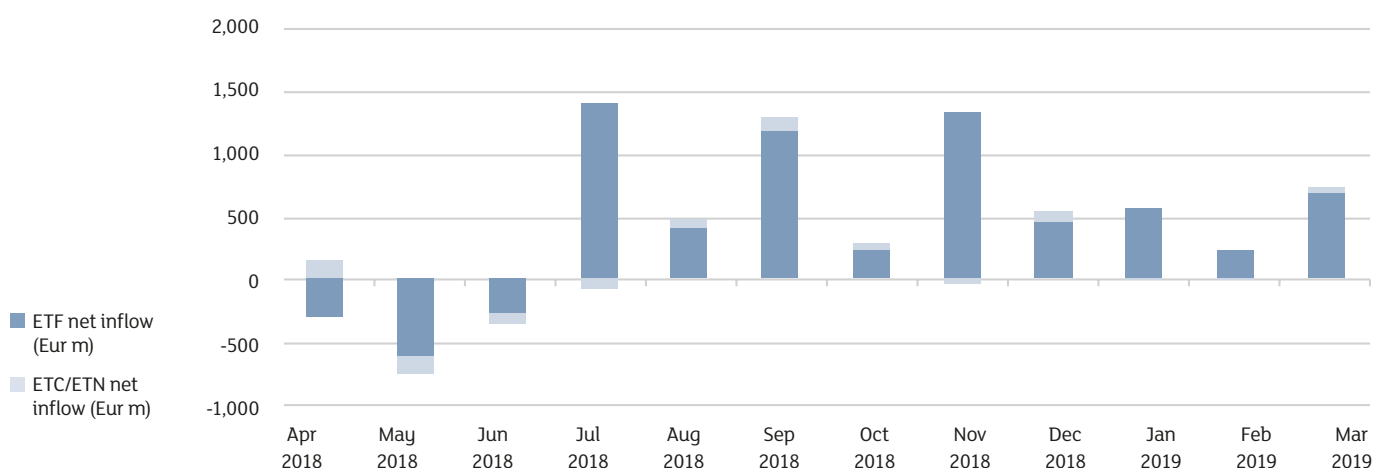
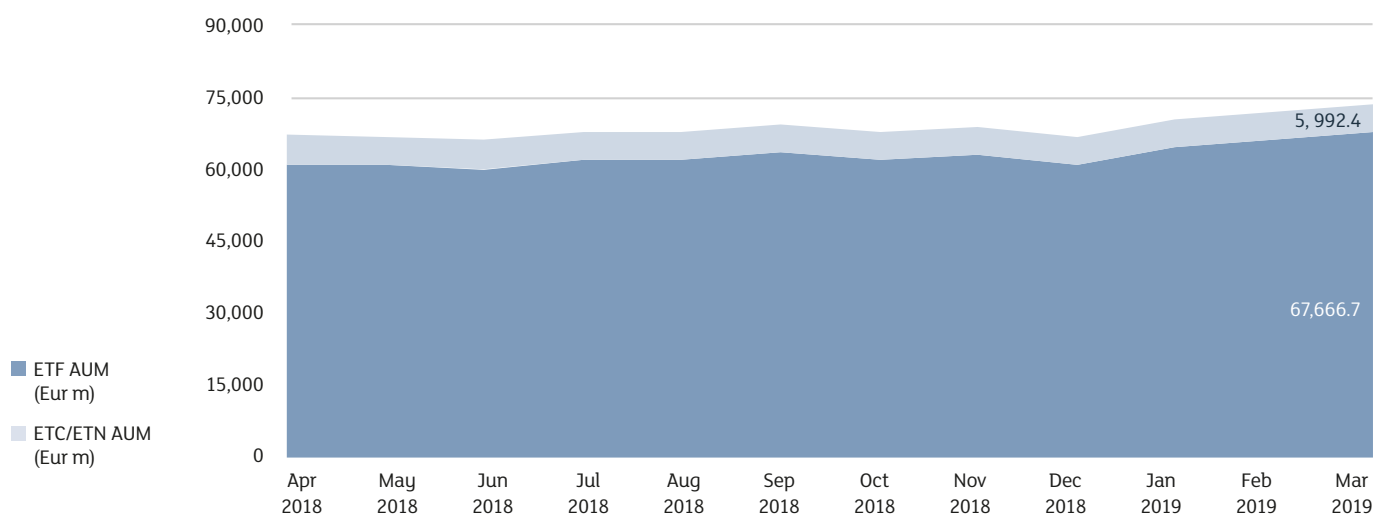
## Market spread



Source: LSEG – Markets Analysis

**SPREAD:** It is the implicit cost that an investor incurs when buying and selling at the same moment a financial instrument at best bid and ask prices (it is calculated as the difference between best bid and ask prices divided by the mid quote).

# AUM in Italy and Net Inflow



	AUM 2019 (Eur m)	Var, % Mar 2018
ETF	67,666.7	12.3%
ETC/ETN	5,992.4	1.5%
Total	73,659.1	11.4%

	Net inflow Q1 2019 (Eur m)	Net inflow Q4 Trim 2018 (Eur m)	Net inflow YtD (ML Euro)
ETF	1,484.4	2,025.6	1,484.4
ETC/ETN	25.4	99.7	25.4
Total	1,509.8	2,125.3	1,509.8

Source: LSEG – Markets Analysis

# Annex 1 – New listings on Italian market: details about ETF

AREA	ISSUER	INSTRUMENT	ISIN	TRADING CODE	BENCHMARK
EQUITY WORLD	LEGAL & GENERAL UCITS ETF	L&G GLOBAL EQUITY UCITS ETF	IE00BFXR5554	LGGL	SOLACTIVE CORE DEV MARK L&M CAP USD NTR
EQUITY NORTH AMERICA	BNP PARIBAS EASY FR	BNPP EASY S&P 500 UCITS ETF	FR0011550185	ESEE	S&P 500 TRN USD
CORPORATE BOND - EURO	VANGUARD FUNDS	VANGUARD EUR CORPORATE BOND UCITS ETF	IE00BZ163G84	VECP	BARCLAYS EURO CORPORATE BOND TR
EQUITY STYLE (DEVELOPED)	VANGUARD FUNDS	VANGUARD GLOBAL MOMENTUM FACT UCITS ETF	IE00BYR0935	VMOM	
EQUITY PACIFIC	VANGUARD FUNDS	VANGUARD FTSE JAPAN UCITS ETF	IE00B95PGT31	VJPN	FTSE JAPAN INDEX
EQUITY SECTORS (DEVELOPED)	LYXOR INDEX FUND	LYXOR STX EUROPE 600 INSURANCE UCITS ETF	LU1834987973	INS	STOXX EUROPE 600 INSURANCE TRN
EQUITY SECTORS (DEVELOPED)	LYXOR INDEX FUND	LYXOR STOXX EU600 TELECOM UCITS ETF	LU1834988609	TELE	STOXX EUROPE 600 TELECOMMUNICATIONS TRN
GOVERNMENT BONDS - WORLD	AMUNDI INDEX SOLUTIONS	AMUNDI PRIME GLOBAL GOVIES UCITS ETF DR	LU1931975236	ETFGG	SOLACTIVE GLOBAL DEVELOPED GOVERNMENT BOND INDEX
GOVERNMENT BONDS - EX EURO	INVESCO MARKETS II	INVESCO US TREASURY BOND UCITS ETF	IE00BF2GFH28	TRES	BARCLAYS CAPITAL US TREASURY BOND TR
EQUITY STYLE (DEVELOPED)	VANGUARD FUNDS	VANGUARD GLOBAL LIQUIDITY FACT UCITS ETF	IE00BYR0D71	VLIQ	
REAL ESTATE	HSBC ETFs	HSBC FTSE EPRA/NAREIT DEVELOP UCITS ETF	IE00B5L01580	HPRD	FTSE EPRA/NAREIT DEVELOPED INDEX NET TRI
EQUITY THEMATIC	BNP PARIBAS EASY	BNPP EASY MSCI JAPAN SRI UCITS ETF C5	LU1753045928	SRIJ	MSCI JAPAN SRI (NTR) INDEX
EQUITY EMERGING - ASIA	MULTI UNITS LUXEMBOURG	LYXOR MSCI TAIWAN UCITS ETF	LU1900066033	TWN	MSCI TAIWAN TRN INDEX
EQUITY EMERGING - AFRICA/ MIDDLE EAST	MULTI UNITS LUXEMBOURG	LYXOR MSCI SOUTH AFRICA UCITS ETF A	LU1900067270	SAFRI	MSCI SOUTH AFRICA TRN
EQUITY PACIFIC	LEGAL & GENERAL UCITS ETF	L&G ASIA PACIFIC EX JAPAN UCITS ETF	IE00BFXR5W90	LGAP	SOLACTIVE CORE DEV PAC EX JAPAN L&M CAP USD
EQUITY SECTORS (DEVELOPED)	LYXOR INDEX FUND	LYXOR STX EU600 AUTOMOB&PARTS UCITS ETF	LU1834983394	AUTP	STOXX EUROPE 600 AUTOMOBILES & PARTS TRN
EQUITY THEMATIC	BNP PARIBAS EASY	BNPP EASY LOW CARB 100 EUROPE UCITS ETF	LU1377382368	LCEU	LOW CARBON 100 EUROPE NTR
GOVERNMENT BONDS - EX EURO	INVESCO MARKETS II	INVESCO US TREASURY 3-7 YEAR UCITS ETF	IE00BF2FNQ44	TRE7	BLOOMBERG BARCLAYS U.S. TREASURY 3-7 USD TRN
EQUITY NORTH AMERICA	AMUNDI INDEX SOLUTIONS	AMUNDI PRIME USA UCITS ETF DR	LU1931974858	ETFUSA	SOLACTIVE GBS UNITED STATES LARGE & MID CAP INDEX
EQUITY PACIFIC	LEGAL & GENERAL UCITS ETF	L&G JAPAN EQUITY UCITS ETF	IE00BFXR5T61	LGJP	SOLACTIVE CORE JAPAN LARGE & MID CAP USD INDEX NTR
EQUITY SECTORS (DEVELOPED)	LYXOR INDEX FUND	LYXOR STX EU600 BASIC RESOURCE UCITS ETF	LU1834983550	BRES	STOXX EUROPE 600 BASIC RESOURCES TRN
EQUITY EUROPE - REGIONAL	AMUNDI INDEX SOLUTIONS	AMUNDI PRIME EUROZONE UCITS ETF DR	LU1931974429	ETFEZ	SOLACTIVE EURO 50 INDEX
EQUITY THEMATIC	BNP PARIBAS EASY	BNPP EASY MSCI EUROPE SRI UCITS ETF	LU1753045415	SRIE	MSCI EUROPE SRI
EQUITY SECTORS (DEVELOPED)	LYXOR INDEX FUND	LYXOR STOXX EUROPE 600 BANKS UCITS ETF	LU1834983477	BNK	STOXX EUROPE 600 BANKS TRN
EQUITY EMERGING - ASIA	HSBC ETFs	HSBC MSCI MALAYSIA UCITS ETF	IE00B3X3R831	HMYD	MSCI MALAYSIA INDEX
GOVERNMENT BONDS - EMERGING	VANGUARD FUNDS	VANGUARD USD EM MKTS GOVT BOND UCITS ETF	IE00BZ163L38	VEMT	BLOOMBERG BARCLAYS EM USD SOVEREIGN + QUASI-SOV
EQUITY EUROPE - SINGLE COUNTRY	UBS ETF	UBS MSCI UK UCITS ETF GBP A-ACC	LU0950670850	UKGBPB	MSCI UK TRN
EQUITY NORTH AMERICA	BNP PARIBAS EASY FR	BNPP EASY S&P 500 UCITS ETF EUR H	FR0013041530	ESEH	S&P 500 TRN USD
EQUITY WORLD	VANGUARD FUNDS	VANGUARD FTSE ALL-WORLD UCITS ETF	IE00B3RBWM25	VWRL	FTSE ALL WORLD INDEX USD NET OF TAX
EQUITY NORTH AMERICA	UBS ETF	UBS ETF MSCI CANADA UCITS ETF CAD A-ACC	LU0950672807	CANA	MSCI CANADA TRN
EQUITY STYLE (DEVELOPED)	VANGUARD FUNDS	VANGUARD FTSE ALLWLD HIDIV YLD UCITS ETF	IE00B8GKDB10	VHYL	FTSE ALL-WORLD HIGH DIVIDEND YIELD INDEX
EQUITY THEMATIC	OSSIAM IRL	OSSIAM ESG LOW CARB SH CAPE US UCITS ETF	IE00BF92LV92	SHEE	
EQUITY SECTORS (DEVELOPED)	LYXOR INDEX FUND	LYXOR STX EU600 IND GOODS&SERV UCITS ETF	LU1834987890	INDG	STOXX EUROPE 600 INDUSTRIAL GOODS & SERVICES TRN
EQUITY SECTORS (DEVELOPED)	LYXOR INDEX FUND	LYXOR STX EU600 PERSON&HOUSE UCITS ETF	LU1834988351	PHG	STOXX EUROPE 600 PERSONAL & HOUSEHOLD GOODS TRN
GOVERNMENT BONDS - EURO	AMUNDI INDEX SOLUTIONS	AMUNDI PRIME EURO GOVIES UCITS ETF DR	LU1931975152	ETFGOV	SOLACTIVE EUROZONE GOVERNMENT BOND INDEX
EQUITY SECTORS (DEVELOPED)	LYXOR INDEX FUND	LYXOR STOXX EU600 TECHNOLOGY UCITS ETF	LU1834988518	TNO	STOXX EUROPE 600 TECHNOLOGY TRN
EQUITY EMERGING - EAST EUROPE	MULTI UNITS LUXEMBOURG	LYXOR MSCI EAST EUROPE EX RUSS UCITS ETF	LU1900066462	EST	MSCI EM EASTERN EUROPE EX RUSSIA TRN
EQUITY EMERGING - CENTRE/ SOUTH AMERICA	HSBC ETFs	HSBC MSCI EM LATIN AMERICA UCITS ETF	IE00B4T53815	HMLA	MSCI EM LATIN AMERICA USD NET RETURN

segue >



AREA	ISSUER	INSTRUMENT	ISIN	TRADING CODE	BENCHMARK
GOVERNMENT BONDS - EURO	BNP PARIBAS EASY	BNP PARIBAS EASY JPM GBI EMU UCITS ETF	LU1481202692	JBEM	JPM GBI EMU TR
EQUITY EMERGING - WORLD	VANGUARD FUNDS	VANGUARD FTSE EMERGING MARKETS UCITS ETF	IE00B3VVM84	VFEM	FTSE EMERGING INDEX USD NET OF TAX
CORPORATE BOND - EURO	AMUNDI INDEX SOLUTIONS	AMUNDI PRIME EURO CORP UCITS ETF DR	LU1931975079	ETFCOR	SOLACTIVE EURO IG CORPORATE INDEX
EQUITY NORTH AMERICA	MULTI UNITS LUXEMBOURG	LYXOR NASDAQ 100 UCITS ETF	LU1829221024	UST	NASDAQ 100 TRN
EQUITY PACIFIC	VANGUARD FUNDS	VANGUARD FTSE DEV AS PAC EXJPN UCITS ETF	IE00B9F5YL18	VAPX	FTSE DEVELOPED ASIA PACIFIC EX JAPAN INDEX
EQUITY EUROPE - REGIONAL	AMUNDI INDEX SOLUTIONS	AMUNDI PRIME EUROPE UCITS ETF DR	LU1931974262	ETFEU	SOLACTIVE GBS DEV MARKETS EUROPE LARGE & MID EUR
GOVERNMENT BONDS - WORLD	UBS ETF	UBS SUST DEVEL BANK BOND UCITS ETF USD A	LU1852211215	MDBA	SOLACTIVE UBS GLOBAL MULTILATERAL DEV BOND USD 25%
EQUITY WORLD	HSBC ETFS	HSBC MULTI FACTOR WORLDWIDE EQ UCITS ETF	IE00BKZGB098	HWWA	
COMMODITIES	MULTI UNITS LUXEMBOURG	LYXOR COMMODITY CRB TR UCITS ETF	LU1829218749	CRB	THOMSON REUTERS/JEFFERIES CRB TOTAL RETURN
EQUITY EMERGING - ASIA	MULTI UNITS LUXEMBOURG	LYXOR MSCI AC ASIA EX JAPAN UCITS ETF	LU1900068161	APEX	MSCI AC ASIA EX JAPAN TRN INDEX
EQUITY EMERGING - ASIA	HSBC ETFS	HSBC MSCI INDONESIA UCITS ETF	IE00B46G8275	HIDD	MSCI INDONESIA TRN
EQUITY EMERGING - EAST EUROPE	MULTI UNITS LUXEMBOURG	LYXOR MSCI TURKEY UCITS ETF A	LU1900067601	TUR	MSCI TURKEY TRN
EQUITY SECTORS (DEVELOPED)	LYXOR INDEX FUND	LYXOR STX EU600 CONSTRUC&MATER UCITS ETF	LU1834983808	CST	STOXX EUROPE 600 CONSTRUCTION & MATERIALS TRN
EQUITY THEMATIC	MULTI UNITS LUXEMBOURG	LYXOR MSCI EUROPE ESG LEADERS UCITS ETF	LU1940199711	ESGE	MSCI EUROPE ESG LEADERS NET TOTAL RETURN INDEX
CORPORATE BOND - EX EURO	VANGUARD FUNDS	VANGUARD USD CORPORATE BOND UCITS ETF	IE00BZ163K21	VUCP	BLOOMBERG BARCLAYS GLOBAL AGGR CORP - USD
EQUITY NORTH AMERICA	UBS (IRL) ETF PLC	UBS MSCI USA UCITS ETF USD ACC	IE00BD4TX521	USAUSW	MSCI TRN USA INDEX
EQUITY EUROPE - REGIONAL	HSBC ETFS	HSBC MSCI EUROPE UCITS ETF	IE00B5BD5K76	HMEU	MSCI EUROPE
EQUITY EMERGING - ASIA	HSBC ETFS	HSBC MSCI CHINA A INCLUSION UCITS ETF	IE00BF4NQ904	HMCA	MSCI CHINA A INCLUSION INDEX
EQUITY EMERGING - ASIA	MULTI UNITS LUXEMBOURG	LYXOR MSCI KOREA UCITS ETF	LU1900066975	KOR	MSCI KOREA INDEX
EQUITY EMERGING - ASIA	HSBC ETFS	HSBC MSCI AC FAR EAST EX JAPAN UCITS ETF	IE00BBQ2W338	HMAF	MSCI AC FAR EAST EX-JAPAN INDEX
EQUITY PACIFIC	UBS ETF	UBS MSCI JAPAN UCITS ETF JPY A-ACC	LU0950671825	JPNA	MSCI JAPAN
EQUITY SECTORS (DEVELOPED)	LYXOR INDEX FUND	LYXOR STX EU600 TRAVEL&LEISURE UCITS ETF	LU1834988781	TRVL	STOXX EUROPE 600 TRAVEL & LEISURE TRN
EQUITY SECTORS (DEVELOPED)	LYXOR INDEX FUND	LYXOR STX EUROPE 600 CHEMICALS UCITS ETF	LU1834983634	CHM	STOXX EUROPE 600 CHEMICALS TRN
EQUITY EMERGING - ASIA	HSBC ETFS	HSBC MSCI TAIWAN UCITS ETF	IE00B3S1J086	HTWN	MSCI TAIWAN TRN INDEX
EQUITY EUROPE - SINGLE COUNTRY	VANGUARD FUNDS	VANGUARD FTSE 100 UCITS ETF	IE00B810Q511	VUKE	FTSE 100 TR
EQUITY NORTH AMERICA	VANGUARD FUNDS	VANGUARD S&P 500 UCITS ETF	IE00B3XXRP09	VUSA	S&P 500 TRN USD
EQUITY PACIFIC	AMUNDI INDEX SOLUTIONS	AMUNDI PRIME JAPAN UCITS ETF DR	LU1931974775	ETFJAP	SOLACTIVE GBS JAPAN LARGE & MID CAP INDEX
EQUITY EMERGING - ASIA	MULTI UNITS LUXEMBOURG	LYXOR MSCI INDONESIA UCITS ETF	LU1900065811	INDO	MSCI INDONESIA TRN
EQUITY EMERGING - WORLD	UBS ETF	UBS MSCI EMERGING UCITS ETF USD A-ACC	LU0950674175	EMMUSC	MSCI EMERGING MARKETS TRN INDEX
EQUITY EMERGING - ASIA	HSBC ETFS	HSBC MSCI CHINA UCITS ETF	IE00B44T3H88	HMCH	MSCI CHINA INDEX
EQUITY WORLD	VANGUARD FUNDS	VANGUARD FTSE DEVELOPED WORLD UCITS ETF	IE00BKX55T58	VEVE	FTSE DEVELOPED INDEX IN USD
EQUITY EMERGING - ASIA	MULTI UNITS LUXEMBOURG	LYXOR MSCI AC ASIA PAC EX JAP UCITS ETF	LU1900068328	AEJ	MSCI AC ASIA EX JAPAN TRN INDEX
EQUITY SECTORS (DEVELOPED)	LYXOR INDEX FUND	LYXOR STOXX EUROPE 600 RETAIL UCITS ETF	LU1834988435	RTA	STOXX EUROPE 600 RETAIL TRN
EQUITY SECTORS (DEVELOPED)	LYXOR INDEX FUND	LYXOR STX EU600 FOOD&BEVERAGE UCITS ETF	LU1834985845	FOO	STOXX EUROPE 600 FOOD & BEVERAGE TRN
CORPORATE BOND - EURO	BNP PARIBAS EASY	BNPP EASY EUR CORP SRI FOSSIL UCITS ETF	LU1859444769	SRIC	BLOOMB-BARCL MSCI EUR CORP SRI SUST RED. FOSS FUEL
EQUITY WORLD	AMUNDI INDEX SOLUTIONS	AMUNDI PRIME GLOBAL UCITS ETF DR	LU1931974692	ETFGLO	SOLACTIVE GBS DEV MARKETS LARGE & MID CAP USD
EQUITY EUROPE - REGIONAL	VANGUARD FUNDS	VANGUARD FTSE DEVELOPED EUROPE UCITS ETF	IE00B945VV12	VEUR	FTSE DEVELOPED EUROPE INDEX IN EUR
EQUITY WORLD	SSGA SPDR ETFS EUROPE I	SPDR MSCI ACWI UCITS ETF	IE00B44Z5B48	ACWE	MSCI ACWI USD TRN
EQUITY EMERGING - EAST EUROPE	HSBC ETFS	HSBC MSCI RUSSIA CAPPED UCITS ETF	IE00B5LJZQ16	HRUB	MSCI RUSSIA CAPPED

segue >

AREA	ISSUER	INSTRUMENT	ISIN	TRADING CODE	BENCHMARK
EQUITY EMERGING - ASIA	MULTI UNITS LUXEMBOURG	LYXOR MSCI THAILAND UCITS ETF A	LU1900067437	TAI	MSCI THAILAND TRN
EQUITY NORTH AMERICA	LEGAL & GENERAL UCITS ETF	L&G US EQUITY UCITS ETF	IE00BFXR5Q31	LGUS	SOLACTIVE CORE UNITED STATES LARGE & MID CAP NTR
EQUITY WORLD	SSGA SPDR ETFS EUROPE I	SPDR MSCI WORLD UCITS ETF	IE00BFY0GT14	SWRD	MSCI WORLD INDEX
REAL ESTATE	INVESCO MARKETS	INVESCO REAL ESTATE S&P US UCITS ETF	IE00BYM8JD58	XRES	S&P SELECT SECTOR CAPPED 20% REAL ESTATE NTR
EQUITY EMERGING - ASIA	MULTI UNITS LUXEMBOURG	LYXOR HONG KONG HSI UCITS ETF	LU1900067940	HK	HANG SENG NTR
EQUITY THEMATIC	INVESCO MARKETS II	INVESCO MSCI EUR ESG CATHOLIC UCITS ETF	IE00BG0NY640	ICFP	MSCI EUROPE SELECT CATHOLIC PRINC ESG LEADER 10/40
EQUITY SECTORS (DEVELOPED)	LYXOR INDEX FUND	LYXOR STOXX EUROPE 600 MEDIA UCITS ETF	LU1834988195	MDA	STOXX EUROPE 600 MEDIA TRN
EQUITY EMERGING - AFRICA/ MIDDLE EAST	HSBC ETFS	HSBC MSCI SOUTH AFRICA CAPPED UCITS ETF	IE00B57S5Q22	HZAR	MSCI SOUTH AFRICA TRN
EQUITY EMERGING - ASIA	MULTI UNITS LUXEMBOURG	LYXOR MSCI MALAYSIA UCITS ETF	LU1901001542	MAL	MSCI MALAYSIA TRN
GOVERNMENT BONDS - EX EURO	INVESCO MARKETS II	INVESCO US TREASURY 1-3 YEAR UCITS ETF	IE00BF2FNG46	TRE3	BLOOMBERG BARCLAYS US 1-3 YEAR TREASURY BOND TR
EQUITY THEMATIC	INVESCO MARKETS II	INVESCO GLOBAL BLOCKCHAIN UCITS ETF A	IE00BGBN6P67	BCHN	ELWOOD BLOCKCHAIN GLOBAL EQUITY INDEX
EQUITY THEMATIC	OSSIAM IRL	OSSIAM WORLD ESG MACHINE LEARN UCITS ETF	IE00BF4Q4063	OWLE	
CORPORATE BOND - EX EURO	VANGUARD FUNDS	VANGUARD USD CORPORATE 1-3 Y UCITS ETF	IE00BDD48R20	VJSC	BLOOMBERG BARCLAYS GLOBAL AGGREGATE CORPORATE 1-3Y
EQUITY STYLE (DEVELOPED)	VANGUARD FUNDS	VANGUARD GLOBAL VALUE FACTOR UCITS ETF	IE00BYR0B57	VVAL	
EQUITY SECTORS (DEVELOPED)	SSGA SPDR ETFS EUROPE II	SPDR MSCI WORLD ENERGY UCITS ETF	IE00BYTRR863	WNRG	MSCI WORLD ENERGY NTR
EQUITY EMERGING - ASIA	HSBC ETFS	HSBC MSCI KOREA UCITS ETF	IE00B3Z0X395	HKOR	MSCI KOREA INDEX
EQUITY SECTORS (DEVELOPED)	SSGA SPDR ETFS EUROPE II	SPDR MSCI WORLD TECHNOLOGY UCITS ETF	IE00BYTRRD19	WTEC	MSCI WORLD INFORMATION TECHNOLOGY NTR
EQUITY EMERGING - ASIA	MULTI UNITS LUXEMBOURG	LYXOR CHINA ENTERPRISE HSCEI UCITS ETF	LU1900068914	CINA	HANG SENG CHINA ENTERPRISES NTR
EQUITY SECTORS (DEVELOPED)	SSGA SPDR ETFS EUROPE II	SPDR MSCI WORLD FINANCIALS UCITS ETF	IE00BYTRR970	WFIN	MSCI WORLD FINANCIALS NTR
EQUITY EMERGING - CENTRE/ SOUTH AMERICA	MULTI UNITS LUXEMBOURG	LYXOR MSCI BRAZIL UCITS ETF A	LU1900066207	BRA	MSCI BRAZIL TRN INDEX
EQUITY SECTORS (DEVELOPED)	LYXOR INDEX FUND	LYXOR STX EU600 FINANCIAL SERV UCITS ETF	LU1834984798	FINS	STOXX EUROPE 600 FINANCIAL SERVICES TRN
GOVERNMENT BONDS - EX EURO	AMUNDI INDEX SOLUTIONS	AMUNDI PRIME US TREASURY UCITS ETF DR	LU1931975319	ETFUST	SOLACTIVE US TREASURY BOND INDEX
EQUITY PACIFIC	UBS (IRL) ETF PLC	UBS MSCI AUSTRALIA UCITS ETF AUD ACC	IE00BD4TY451	AUSAUW	MSCI AUSTRALIA TRN
EQUITY EMERGING - EAST EUROPE	MULTI UNITS LUXEMBOURG	LYXOR MSCI RUSSIA UCITS ETF A	LU1923627092	RUS	MSCI RUSSIA IMI SELECT GDR TRN
EQUITY EMERGING - CENTRE/ SOUTH AMERICA	MULTI UNITS LUXEMBOURG	LYXOR MSCI EM LATIN AMERICA UCITS ETF	LU1900066629	LATAM	MSCI EM LATIN AMERICA USD NET RETURN
EQUITY STYLE (DEVELOPED)	VANGUARD FUNDS	VANGUARD GLOBAL MIN VOLATILITY UCITS ETF	IE00BYR0C64	VMVL	
GOVERNMENT BONDS - EX EURO	INVESCO MARKETS II	INVESCO US TREASURY 7-10 YEAR UCITS ETF	IE00BF2FN646	TREX	BLOOMBERG BARCLAYS US 7-10 YEAR TREASURY BOND TR
GOVERNMENT BONDS - EX EURO	VANGUARD FUNDS	VANGUARD USD TREASURY BOND UCITS ETF	IE00BZ163M45	VUTY	BLOOMBERG BARCLAYS GLOBAL AGG US TREAS FL ADJUSTED
EQUITY EUROPE - REGIONAL	LEGAL & GENERAL UCITS ETF	L&G EUROPE EX UK UCITS ETF	IE00BFXR5V83	LGEU	SOLACTIVE CORE DEV EU EX UK L&M CAP EUR
EQUITY SECTORS (DEVELOPED)	SSGA SPDR ETFS EUROPE II	SPDR MSCI WORLD HEALTH CARE UCITS ETF	IE00BYTRRB94	WHEA	MSCI WORLD HEALTH CARE NTR
EQUITY SECTORS (DEVELOPED)	LYXOR INDEX FUND	LYXOR STOXX EU600 UTILITIES UCITS ETF	LU1834988864	UTI	STOXX EUROPE 600 UTILITIES TRN
COMMODITIES	MULTI UNITS LUXEMBOURG	LYXOR COMMODITY EX-ENERGY TR UCITS ETF	LU1829218582	CRBN	THOMSON REUTERS/JEFFERIES CRB EX-ENERGY TR
GOVERNMENT BONDS - EURO	VANGUARD FUNDS	VANGUARD EUR EUROZON GOVT BOND UCITS ETF	IE00BZ163H91	VETY	BARCLAYS EURO TREASURY BOND TR
EQUITY SECTORS (DEVELOPED)	LYXOR INDEX FUND	LYXOR STOXX EU600 OIL & GAS UCITS ETF	LU1834988278	OIL	STOXX EUROPE 600 OIL & GAS TRN
EQUITY SECTORS (DEVELOPED)	LYXOR INDEX FUND	LYXOR STOXX EU600 HEALTHCARE UCITS ETF	LU1834986900	HLT	STOXX EUROPE 600 HEALTH CARE TRN
EQUITY EMERGING - ASIA	HSBC ETFS	HSBC MSCI EM FAR EAST UCITS ETF	IE00B5LP3W10	HMFE	MSCI EMERGING MARKETS FAR EAST INDEX
EQUITY PACIFIC	LEGAL & GENERAL UCITS ETF	HSBC MSCI PACIFIC EX JAPAN UCITS ETF	IE00B5SG8Z57	HMXJ	MSCI PACIFIC EX JAPAN TRN INDEX

---

## Annex 2 – New listings on Italian market: details about ETC/ETN

AREA	ISSUER	INSTRUMENT	ISIN	TRADING CODE	BENCHMARK
INDEX COMMODITIES	BOOST ISSUER PLC	BOOST ENHANCED ENERGY ETC	IE00BF4TWF63	BENE	OPTIMISED ROLL ENERGY TOTAL RETURN INDEX
INDEX COMMODITIES	BOOST ISSUER PLC	BOOST ENHANCED INDUSTRIAL METALS ETC	IE00BF4TWC33	META	OPTIMISED ROLL INDUSTRIAL METALS TOTAL RETURN

This document contains text, data, graphics, photographs, illustrations, artwork, names, logos, trade marks, service marks and information (“Information”) connected with Borsa Italiana S.p.A. (“Borsa Italiana”). All reasonable efforts have been made to ensure that the Information in this document was correct at the time of publication. However, Borsa Italiana Spa accepts no liability for decisions taken, or systems-related or other work carried out by any party based on this document. The publication of this document does not represent solicitation, by Borsa Italiana, of public saving and is not to be considered as a recommendation by Borsa Italiana as to the suitability of the investment, if any, herein described.

## Contacts

Media Relations  
Telephone +39 02 72426 360  
[media.relations@borsaitaliana.it](mailto:media.relations@borsaitaliana.it)  
[www.borsaitaliana.it](http://www.borsaitaliana.it)