

For Research
Inquiries:

research@etfg.com

For Subscription
Inquiries:

(212) 223-3834

www.etfg.com

About the ETFG ETP Weekly Select List

The ETF Global Weekly ETF Select List has been designed to support both Financial Professionals and Investors with their respective Exchange-Traded-Fund selection processes. Once the investor's risk tolerance, investment goals and resulting asset-allocation have been determined, the ETFG Weekly ETF Select List points to the highest-rated ETFs to fit the investment needs and goals of that specific portfolio.

Developed by the Research team at ETF Global, the ETFG Weekly ETF Select List features the 5 most highly rated ETFs by Sector, Geographic Region and Strategy as ranked by the ETFG Quant model. This weekly reference guide enables you to quickly and easily identify ETFs which meet your chosen criteria. Because the list highlights just five ETFs per category and the ETFG Quant model is cross-sectional in its rankings, each ETF on the list has earned its respective spot by achieving the highest relative scoring versus its eligible peer group. The universe of equity ETFs reviewed by ETFG Quant represents the broadest range of industry groups, sectors and geographic regions.

- The selection pool includes all U.S. listed, equity ETFs, excluding levered and inverse funds
- The ETFG Quant model assigns a daily ranking to all relevant products using proprietary algorithms and employing dozens of industry metrics.
- ETFG Quant has four primary drivers: Behavioral Finance (Technical Analysis & Sentiment), Fundamental Analysis, Global Themes and Quality
- Selection is performed prior to trading on Monday of each week

To best support the ETF selection process, ETF Global strongly encourages viewers to perform a more comprehensive review of the overall ETFG Quant rankings and to utilize the additional tools and resources available at www.etfg.com to further research and diligence exchange-traded-funds.

continued on next page

Equity ETF Select List - Sectors

ETFGlobal[®]

December 10, 2018

Research Inquiries: research@etfg.com or
(412) 407-4444

www.etfg.com

	Ticker	Name	Focus	Region	TER	Risk*	Reward*	Quant*
1	SLVP	iShares MSCI Global Silver Miners ETF	Basic Materials	Global	0.39%	5.82	7.49	59.70
2	RING	iShares MSCI Global Gold Miners ETF	Basic Materials	Global	0.39%	3.98	6.35	56.20
3	XME	SPDR S&P Metals & Mining ETF	Basic Materials	North America	0.35%	4.71	5.88	56.10
4	GDV	VanEck Vectors Gold Miners ETF	Basic Materials	Global	0.53%	4.20	6.07	55.90
5	GDJ	VanEck Vectors Junior Gold Miners ETF	Basic Materials	Global	0.54%	6.09	5.93	55.20
1	XRT	SPDR S&P Retail ETF	Consumer Discretionary	North America	0.35%	5.44	7.28	61.80
2	PMR	Invesco Dynamic Retail ETF	Consumer Discretionary	North America	0.63%	6.43	7.44	60.90
3	ECON	Columbia Emerging Markets Consumer ETF	Consumer Discretionary	Emerging Markets	0.59%	6.13	7.55	60.50
4	PEJ	Invesco Dynamic Leisure and Entertainment ETF	Consumer Discretionary	North America	0.61%	5.16	7.09	58.30
5	FXD	First Trust Consumer Discretionary AlphaDEX Fund	Consumer Discretionary	North America	0.63%	4.45	6.10	54.50
1	KXI	iShares Global Consumer Staples ETF	Consumer Staples	Global	0.48%	5.60	7.26	62.50
2	PSCC	Invesco S&P SmallCap Consumer Staples ETF	Consumer Staples	North America	0.29%	3.51	6.94	61.40
3	JHMS	John Hancock Multifactor Consumer Staples ETF	Consumer Staples	North America	0.50%	3.74	7.05	60.30
4	XLP	Consumer Staples Select Sector SPDR Fund	Consumer Staples	North America	0.14%	2.11	6.45	60.00
5	PBJ	Invesco Dynamic Food & Beverage ETF	Consumer Staples	North America	0.58%	4.29	6.60	57.60
1	OIH	VanEck Vectors Oil Service ETF	Energy	Global	0.35%	6.13	7.81	65.60
2	EMLP	First Trust North American Energy Infrastructure Fund	Energy	North America	0.95%	2.89	8.03	65.10
3	PXI	Invesco DWA Energy Momentum ETF	Energy	North America	0.60%	6.55	6.91	62.30
4	AMJ	JPMorgan Alerian MLP Index ETN	Energy	North America	0.85%	6.21	6.62	57.80
5	MLPA	Global X MLP ETF	Energy	North America	0.47%	5.63	7.05	56.10
1	KIE	SPDR S&P Insurance ETF	Financials	North America	0.35%	6.27	7.77	63.80
2	KBWD	Invesco KBW High Dividend Yield Financial ETF	Financials	North America	2.40%	4.75	6.13	54.20
3	IXG	iShares Global Financials ETF	Financials	Global	0.48%	5.53	6.06	54.10
4	JHMF	John Hancock Multifactor Financials ETF	Financials	North America	0.50%	4.91	6.24	53.50
5	EUFN	iShares MSCI Europe Financials ETF	Financials	Europe	0.48%	5.09	5.83	53.20
1	IBB	iShares Nasdaq Biotechnology ETF	Health Care	North America	0.47%	5.14	9.90	72.70
2	IXJ	iShares Global Healthcare ETF	Health Care	Global	0.48%	4.61	8.94	69.30
3	BBH	VanEck Vectors Biotech ETF	Health Care	Global	0.35%	6.42	8.12	64.60
4	IHE	iShares US Pharmaceuticals ETF	Health Care	North America	0.44%	5.38	7.55	61.10
5	XPH	SPDR S&P Pharmaceuticals ETF	Health Care	North America	0.35%	5.04	7.45	60.40
1	CARZ	First Trust NASDAQ Global Auto Index Fund	Industrials	Global	0.70%	6.06	8.50	64.20
2	FLM	First Trust Global Engineering and Construction ETF	Industrials	Global	0.70%	6.82	6.51	59.00
3	PKB	Invesco Dynamic Building & Construction ETF	Industrials	North America	0.63%	6.50	6.63	58.10

4	FTXR	First Trust Nasdaq Transportation ETF	Industrials	North America	0.60%	4.61	6.28	57.40
5	IYT	iShares Transportation Average ETF	Industrials	North America	0.44%	5.56	5.66	57.20
1	PAVE	Global X U.S. Infrastructure Development ETF	Natural Resources	North America	0.47%	4.59	6.44	57.00
2	NFRA	FlexShares STOXX Global Broad Infrastructure Index Fund	Natural Resources	Global	0.47%	2.92	6.23	56.40
3	NANR	SPDR S&P North American Natural Resources ETF	Natural Resources	North America	0.35%	3.97	6.08	55.20
4	FTRI	First Trust Indxx Global Natural Resources Income ETF	Natural Resources	Global	0.70%	3.68	5.93	53.50
5	FTAG	First Trust Indxx Global Agriculture ETF	Natural Resources	Global	0.70%	5.29	5.89	52.40
1	FTXL	First Trust Nasdaq Semiconductor ETF	Technology	North America	0.60%	5.68	6.81	59.50
2	IGN	iShares North American Tech-Multimedia Networking ETF	Technology	North America	0.48%	4.83	6.84	59.20
3	ITEQ	BlueStar Israel Technology ETF	Technology	Middle East & Africa	0.75%	5.37	7.87	59.20
4	FINX	Global X FinTech Thematic ETF	Technology	Global	0.68%	5.40	7.28	58.80
5	SOXX	iShares PHLX Semiconductor ETF	Technology	North America	0.48%	5.11	6.16	57.30
1	XTL	SPDR S&P Telecom ETF	Telecommunications	North America	0.35%	4.68	5.85	54.50
2	FCOM	Fidelity MSCI Telecommunication Services Index ETF	Telecommunications	North America	0.08%	3.71	6.91	54.40
3	IYZ	iShares US Telecommunications ETF	Telecommunications	North America	0.44%	4.30	5.36	52.20
4	IXP	iShares Global Telecom ETF	Telecommunications	Global	0.48%	5.87	5.98	52.20
5	VOX	Vanguard Communication Services ETF	Telecommunications	North America	0.10%	5.13	5.41	49.90
1	FUTY	Fidelity MSCI Utilities Index ETF	Utilities	North America	0.08%	1.68	6.79	59.90
2	JHMU	John Hancock Multifactor Utilities ETF	Utilities	North America	0.50%	3.38	6.40	57.20
3	JXI	iShares Global Utilities ETF	Utilities	Global	0.48%	4.27	5.87	55.20
4	XLU	Utilities Select Sector SPDR Fund	Utilities	North America	0.14%	2.41	4.88	52.40
5	UTES	Reaves Utilities ETF	Utilities	North America	0.95%	5.34	6.10	51.20

continued on next page

Equity ETF Select List - Geography



December 10, 2018

Research Inquiries: research@etfg.com or
(412) 407-4444

www.etfg.com

	Ticker	Name	Region	Focus	TER	Risk*	Reward*	Quant*
1	FNI	First Trust Chindia ETF	Asia-Pacific	Broad Equity	0.60%	5.20	8.68	65.00
2	FXI	iShares China Large-Cap ETF	Asia-Pacific	Large Cap	0.74%	4.69	8.12	64.70
3	EIDO	iShares MSCI Indonesia ETF	Asia-Pacific	Broad Equity	0.63%	3.95	7.95	63.40
4	EWH	iShares MSCI Hong Kong ETF	Asia-Pacific	Broad Equity	0.49%	2.33	7.71	63.30
5	HAO	Invesco China Small Cap ETF	Asia-Pacific	Small Cap	0.75%	5.35	7.83	62.70
1	TUR	iShares MSCI Turkey ETF	Europe	Broad Equity	0.62%	6.89	9.67	72.50
2	EWU	iShares MSCI United Kingdom ETF	Europe	Broad Equity	0.49%	3.27	7.78	64.30
3	EWI	iShares MSCI Italy ETF	Europe	Broad Equity	0.49%	5.88	7.37	61.10
4	FEZ	SPDR EURO STOXX 50 ETF	Europe	Large Cap	0.29%	4.62	6.90	60.50
5	EWD	iShares MSCI Sweden ETF	Europe	Broad Equity	0.49%	4.98	7.06	59.80
1	IOO	iShares Global 100 ETF	Global	Large Cap	0.40%	5.88	9.02	70.30
2	IXJ	iShares Global Healthcare ETF	Global	Health Care	0.48%	4.61	8.94	69.30
3	OIH	VanEck Vectors Oil Service ETF	Global	Energy	0.35%	6.13	7.81	65.60
4	BBH	VanEck Vectors Biotech ETF	Global	Health Care	0.35%	6.42	8.12	64.60
5	CARZ	First Trust NASDAQ Global Auto Index Fund	Global	Industrials	0.70%	6.06	8.50	64.20
1	AADR	AdvisorShares Dorsey Wright ADR ETF	Global Ex-U.S.	Broad Equity	0.89%	7.40	9.00	66.70
2	HDMV	First Trust Horizon Managed Volatility Developed International ETF	Global Ex-U.S.	Broad Equity	0.80%	3.93	6.94	59.10
3	OUSA	O Shares FTSE US Quality Dividend ETF	Global Ex-U.S.	Large Cap	0.48%	2.51	6.43	56.50
4	VYMI	Vanguard International High Dividend Yield ETF	Global Ex-U.S.	High Dividend Yield	0.32%	3.22	6.39	56.50
5	IDEV	iShares Core MSCI International Developed Markets ETF	Global Ex-U.S.	Broad Equity	0.05%	3.21	6.12	56.10
1	EWW	iShares MSCI Mexico ETF	Latin America	Broad Equity	0.49%	5.79	9.12	70.30
2	EWZ	iShares MSCI Brazil ETF	Latin America	Broad Equity	0.63%	5.52	7.62	62.80
3	ILF	iShares Latin America 40 ETF	Latin America	Large Cap	0.49%	5.29	7.07	60.10
4	FLN	First Trust Latin America AlphaDEX Fund	Latin America	Broad Equity	0.80%	5.99	7.34	59.80
5	EPU	iShares MSCI Peru ETF	Latin America	Broad Equity	0.63%	4.50	7.04	58.70
1	EZA	iShares MSCI South Africa ETF	Middle East & Africa	Broad Equity	0.62%	6.50	7.68	61.20
2	ITEQ	BlueStar Israel Technology ETF	Middle East & Africa	Technology	0.75%	5.37	7.87	59.20
3	EIS	iShares MSCI Israel ETF	Middle East & Africa	Broad Equity	0.62%	5.33	7.39	58.90
4	QAT	iShares MSCI Qatar Capped ETF	Middle East & Africa	Broad Equity	0.62%	4.89	6.57	55.20
5	KSA	iShares MSCI Saudi Arabia Capped ETF	Middle East & Africa	Broad Equity	0.74%	4.88	6.71	52.20
1	IWR	iShares Russell Mid-Cap ETF	North America	Mid Cap	0.20%	5.08	10.00	75.60
2	IBB	iShares Nasdaq Biotechnology ETF	North America	Health Care	0.47%	5.14	9.90	72.70

3	QQQE	Direxion NASDAQ 100 Equal Weighted Index Shares	North America	Large Cap	0.35%	4.94	9.07	69.90
4	MDYV	SPDR S&P 400 Mid Cap Value ETF	North America	Mid Cap	0.15%	4.87	8.57	68.70
5	SLYV	SPDR S&P 600 Small CapValue ETF	North America	Small Cap	0.15%	5.33	8.60	68.50
1	EMIF	iShares Emerging Markets Infrastructure ETF	Emerging Markets	Theme	0.75%	6.05	7.83	63.00
2	VWO	Vanguard FTSE Emerging Markets ETF	Emerging Markets	Broad Equity	0.14%	3.82	7.51	60.70
3	EEM	iShares MSCI Emerging Markets ETF	Emerging Markets	Broad Equity	0.69%	4.69	7.22	60.60
4	ECON	Columbia Emerging Markets Consumer ETF	Emerging Markets	Consumer Discretionary	0.59%	6.13	7.55	60.50
5	XCEM	Columbia EM Core ex-China ETF	Emerging Markets	Broad Equity	0.35%	4.75	7.30	58.60
1	HEDJ	WisdomTree Europe Hedged Equity Fund	Developed Markets	Broad Equity	0.58%	4.37	7.32	61.80
2	EFA	iShares MSCI EAFE ETF	Developed Markets	Broad Equity	0.32%	4.17	6.90	60.60
3	BFIT	Global X Health & Wellness Thematic ETF	Developed Markets	Theme	0.50%	3.74	7.46	58.90
4	DBEF	X-trackers MSCI EAFE Hedged Equity Fund	Developed Markets	Broad Equity	0.35%	4.59	6.30	54.00
5	RFDI	First Trust RiverFront Dynamic Developed International ETF	Developed Markets	Broad Equity	0.83%	5.47	5.79	53.60

continued on next page

Equity ETF Select List - Strategies

ETFGlobal[®]

December 10, 2018

Research Inquiries: research@etfg.com
or (412) 407-4444

www.etfg.com

Ticker	Name	Focus	Region	TER	Risk*	Reward*	Quant*
1 KNOW	Direxion All Cap Insider Sentiment Shares	Alpha-Seeking	North America	0.59%	4.65	7.61	62.60
2 WMW	ELEMENTS Linked to the Morningstar Wide Moat Focus Total Return In	Alpha-Seeking	North America	0.75%	6.11	7.31	57.90
3 FVL	First Trust Value Line 100 Exchange-Traded Fund	Alpha-Seeking	North America	0.70%	4.76	6.58	57.70
4 DVP	Deep Value ETF	Alpha-Seeking	North America	0.59%	5.82	6.38	55.80
5 FPXI	First Trust International IPO ETF	Alpha-Seeking	Global Ex-U.S.	0.70%	5.93	7.28	54.50
1 TUR	iShares MSCI Turkey ETF	Broad Equity	Europe	0.62%	6.89	9.67	72.50
2 EWW	iShares MSCI Mexico ETF	Broad Equity	Latin America	0.49%	5.79	9.12	70.30
3 AADR	AdvisorShares Dorsey Wright ADR ETF	Broad Equity	Global Ex-U.S.	0.89%	7.40	9.00	66.70
4 FNI	First Trust Chindia ETF	Broad Equity	Asia-Pacific	0.60%	5.20	8.68	65.00
5 EWU	iShares MSCI United Kingdom ETF	Broad Equity	Europe	0.49%	3.27	7.78	64.30
1 SPYD	SPDR Portfolio S&P 500 High Dividend ETF	High Dividend Yield	North America	0.07%	2.10	6.88	61.40
2 SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	High Dividend Yield	North America	0.30%	2.11	6.65	60.50
3 LVHD	Legg Mason Low Volatility High Dividend ETF	High Dividend Yield	North America	0.27%	2.60	7.31	58.00
4 DGRW	WisdomTree U.S. Quality Dividend Growth Fund	High Dividend Yield	North America	0.28%	2.23	6.39	57.60
5 JDIV	JPMorgan U.S. Dividend ETF	High Dividend Yield	North America	0.12%	3.86	6.73	57.50
1 CLIX	ProShares Long Online/Short Stores ETF	Long/Short	North America	0.65%	6.50	6.42	55.20
2 MNA	IQ Merger Arbitrage ETF	Long/Short	Global	0.77%	1.63	6.40	54.00
3 FTLS	First Trust Long/Short Equity ETF	Long/Short	Global	1.48%	4.64	5.12	49.80
4 HTUS	Hull Tactical US ETF	Long/Short	North America	0.91%	4.28	5.84	49.10
5 MOM	AGFIQ US Market Neutral Momentum Fund	Long/Short	North America	0.75%	6.29	5.45	45.90
1 PFXF	VanEck Vectors Preferred Securities ex Financials ETF	Preferred Stock	Global	0.41%	3.02	5.23	50.50
2 IPFF	iShares International Preferred Stock ETF	Preferred Stock	Developed Markets	0.55%	5.10	3.94	40.20
3 PGF	Invesco Financial Preferred ETF	Preferred Stock	North America	0.63%	3.61	3.37	39.00
4 PFFD	Global X US Preferred ETF	Preferred Stock	North America	0.23%	3.86	3.77	37.90
5 PFF	iShares US Preferred Stock ETF	Preferred Stock	North America	0.47%	3.63	2.99	37.70
1 SEA	Invesco Shipping ETF	Theme	Global	0.65%	6.90	7.84	63.20
2 EMIF	iShares Emerging Markets Infrastructure ETF	Theme	Emerging Markets	0.75%	6.05	7.83	63.00
3 ARKG	ARK Genomic Revolution Multi-Sector ETF	Theme	Global	0.75%	6.83	8.08	59.60
4 BFIT	Global X Health & Wellness Thematic ETF	Theme	Developed Markets	0.50%	3.74	7.46	58.90
5 KRMA	Global X Conscious Companies ETF	Theme	North America	0.43%	3.74	6.87	58.90
1 IOO	iShares Global 100 ETF	Large Cap	Global	0.40%	5.88	9.02	70.30
2 QQQE	Direxion NASDAQ 100 Equal Weighted Index Shares	Large Cap	North America	0.35%	4.94	9.07	69.90

3	SPYG	SPDR Portfolio S&P 500 Growth ETF	Large Cap	North America	0.04%	4.85	8.12	65.90
4	SPYV	SPDR Portfolio S&P 500 Value ETF	Large Cap	North America	0.04%	4.41	7.97	65.70
5	DJD	Invesco Dow Jones Industrial Average Dividend ETF	Large Cap	North America	0.07%	4.11	7.79	64.80
1	IWR	iShares Russell Mid-Cap ETF	Mid Cap	North America	0.20%	5.08	10.00	75.60
2	MDYV	SPDR S&P 400 Mid Cap Value ETF	Mid Cap	North America	0.15%	4.87	8.57	68.70
3	MDYG	SPDR S&P 400 Mid Cap Growth ETF	Mid Cap	North America	0.15%	5.46	7.85	64.40
4	DON	WisdomTree U.S. MidCap Dividend Fund	Mid Cap	North America	0.38%	5.30	7.50	62.80
5	REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	Mid Cap	North America	0.40%	3.47	6.44	58.60
1	SLYV	SPDR S&P 600 Small Cap Value ETF	Small Cap	North America	0.15%	5.33	8.60	68.50
2	SLY	SPDR S&P 600 Small Cap ETF	Small Cap	North America	0.15%	5.45	8.65	68.40
3	SLYG	SPDR S&P 600 Small Cap Growth ETF	Small Cap	North America	0.15%	5.35	7.62	63.40
4	HAO	Invesco China Small Cap ETF	Small Cap	Asia-Pacific	0.75%	5.35	7.83	62.70
5	SMDV	ProShares Russell 2000 Dividend Growers ETF	Small Cap	North America	0.40%	3.64	7.07	62.30
1	PZI	Invesco Zacks Micro Cap ETF	Micro Cap	North America	1.24%	5.14	7.77	61.00
2	FDM	First Trust Dow Jones Select Microcap Index Fund	Micro Cap	North America	0.60%	4.71	4.69	47.30
3	WMCR	Invesco Wilshire Micro-Cap ETF	Micro Cap	North America	0.58%	5.91	4.64	43.80
4	IWC	iShares Micro-Cap ETF	Micro Cap	North America	0.60%	5.42	2.87	37.50

continued on next page

*Key

***ETF Global 10 Red Diamond Risk Rating:** An ETFG 10 Red Diamond Risk Rating represents the ETFs with the highest risk rating. A 1 Red Diamond Risk Rating represents the ETFs with the lowest risk ratings. ETFG's Risk Rating measures two primary risk categories: Price Risk and Integrity Risk. Price and Integrity risk are equally weighted in the overall risk rating with Price Risk calculating 7 equally weighted underlying measurements covering such aspects as volatility and deviation. Integrity Risk calculates 8 equally weighted underlying measurements regarding the structure and trading characteristics of the security and its sponsor. The Overall Risk Rating Score is aggregated and carried to two decimal places to generate the ETFG Red Diamond Risk Rating. ◆◆◆◆◆◆◆◆◆◆

***ETF Global 10 Green Diamond Reward Rating:** An ETF Global 10 Green Diamond Reward Rating reflects an ETF with the most attractive reward rating and a Green Diamond Reward Rating of 1 reflects an individual ETF carrying the least attractive reward rating. ETFG's Green Diamond Reward Rating System is calculated utilizing the ETFG proprietary Model measuring two primary reward categories: Fundamental and Behavioral. Fundamental and Behavioral are equally weighted and driven by ETFG's proprietary algorithms in 25 underlying fields. The Overall Rating Score is aggregated and carried to two decimal places to generate the Reward Rating. ◆◆◆◆◆◆◆◆◆◆

***About the ETFGSM Quant Model:** The universe of equity ETFs reviewed by ETFGSM Quant represents the broadest range of industry groups, sectors and geographic regions. The ETFGSM Quant model assigns a daily ranking to all relevant products using proprietary algorithms and employing dozens of industry metrics to gauge how likely an equity ETF will outperform the market in the foreseeable future. ETFGSM Quant evaluates four primary categories that drive the results of the model: Behavioral Finance (Technical Analysis & Sentiment), Fundamental Analysis, Global Themes and Quality. For detailed information

Disclaimers

Assumptions, opinions and estimates constitute our judgment as of the date of this material and are subject to change without notice. ETF Global LLC ("ETFG") and its affiliates and any third-party providers, as well as their directors, officers, shareholders, employees or agents (collectively ETFG Parties) do not guarantee the accuracy, completeness, adequacy or timeliness of any information, including ratings and rankings and are not responsible for errors and omissions or for the results obtained from the use of such information and ETFG Parties shall have no liability for any errors, omissions, or interruptions therein, regardless of the cause, or for the results obtained from the use of such information. ETFG PARTIES DISCLAIM ANY AND ALL EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, SUITABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE. In no event shall ETFG Parties be liable to any party for any direct, indirect, incidental, exemplary, compensatory, punitive, special or consequential damages, costs, expenses, legal fees, or losses (including, without limitation, lost income or lost profits and opportunity costs) in connection with any use of the information contained in this document even if advised of the possibility of such damages.

ETFG ratings and rankings are statements of opinion as of the date they are expressed and not statements of fact or recommendations to purchase, hold, or sell any securities or to make any investment decisions. ETFG ratings and rankings should not be relied on when making any investment or other business decision. ETFG's opinions and analyses do not address the suitability of any security. ETFG does not act as a fiduciary or an investment advisor. While ETFG has obtained information from sources they believe to be reliable, ETFG does not perform an audit or undertake any duty of due diligence or independent verification of any information it receives.

ETFG keeps certain activities of its business units separate from each other in order to preserve the independence and objectivity of their respective activities. As a result, certain business units of ETFG may have information that is not available to other ETFG business units. ETFG has established policies and procedures to maintain the confidentiality of certain non-public information received in connection with each analytical process. ETFG may receive compensation for its ratings and certain analyses. ETFG reserves the right to disseminate its opinions and analyses. At times, ETFG's public ratings and analyses are made available on its Websites, www.etfg.com (free of charge) and may be distributed through other means, including via ETFG publications and third party redistributors.

This material is not intended as an offer or solicitation for the purchase or sale of any security or other financial instrument. Securities, financial instruments or strategies mentioned herein may not be suitable for all investors. Any opinions expressed herein are given in good faith, are subject to change without notice, and are only correct as of the stated date of their issue. Prices, values, or income from any securities or investments mentioned in this report may fall against the interests of the investor and the investor may get back less than the amount invested. Where an investment is described as being likely to yield income, please note that the amount of income that the investor will receive from such an investment may fluctuate. Where an investment or security is denominated in a different currency to the investor's currency of reference, changes in rates of exchange may have an adverse effect on the value, price or income of or from that investment to the investor.