10 Topical Themes: ETFs Ideas

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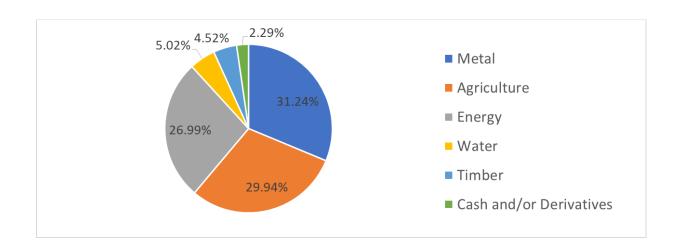
Theme 1: Travel & Leisure

Name	Ticker	MER	Description	Top Holdings
Harvest Travel and Leisure Index ETF	TRVL- TSE	0.40%*	Provides cap-weighted allocation to the 30 largest North American- listed global companies that generate the majority of their revenues from travel-related industries (airlines, hospitality, online booking services, and cruises)	Booking Holdings, Marriott, Southwest Airlines, Hilton Worldwide, Delta Air Lines
US Global Jets ETF	JETS- US	0.60%	Provides modified equal- weighted allocation to global airline operators and manufacturers at an MER of 0.60%. Each of the four largest U.S. or Canadian passenger airline companies is allocated a 10% weighting. Each of the next five largest U.S. or Canadian passenger airline companies receives a 4% weighting. Remaining airline companies are scored based on fundamental factors (CFROIC, sales/share growth, gross margins, sales yield). Top five U.S. or Canadian companies receive 3% weighting each, top 25 non-U.S./Canadian companies receive 1% weighting.	American Airlines, United Airlines, Southwest Airlines, Delta Air Lines, Air Canada

^{*}Management fee; MER not yet available

Theme 2: Commodities

Name	Ticker	MER	Description	Top Holdings
Invesco Optimum Yield Diversified Commodity Strategy No K-1 ETF	PDBC- US	0.59%	Generally follows an index of 14 of the most heavily traded commodities across the energy, precious metals, industrial metals and agriculture sectors and aims to mitigate negative roll yield by being selective in the futures contracts it invests in.	Aluminum, WTI Crude, Gasoline, NY Harbor ULSD, Brent Crude, Copper, Corn, Gold, Soybeans, Sugar
Name	Ticker	MER	Description	Top Holdings
FlexShares Morningstar Global Upstream Natural Resources Index Fund	GUNR- US	0.46%	Tracks an index that invests in global companies involved in energy, metals & mining, agriculture, timber/lumber, and water. The index targets a 30% allocation to energy, 30% to agriculture, 30% to metals & mining, 5% to timber/lumber and 5% to water.	Exxon Mobil, Chevron, BHP, Archer-Daniels- Midland, Rio Tinto



Theme 3: Cybersecurity

Name	Ticker	MER	Description	Top Holdings
iShares Cybersecurity & Tech ETF	IHAK-US	0.47%	IHAK tracks a market-cap selected and weighted index of large- and mid-cap companies that derive at least 50% of revenues from cyber hardware and software related RBICS industries.	Fortinet, Proofpoint, Crowdstrike, Juniper Networks, Blackberry
Evolve Cyber Security Index Fund	CYBR.B- TSE	0.63%	Invests in global companies classified under the following FacSet sub-industries: Carrier edge network management equipment, customer premises network security equipment, colocation and data center services, government IT services, network security access policy software, or network security software. Weighted by market cap, subject to a max of 7.5%.	Fortinet, Crowdstrike, Palo Alto Networks, Zscaler, Okta

Theme 4: Blockchain

Name	Ticker	MER	Description	Top Holdings
Amplify	BLOK-	0.71%	Actively managed ETF that	Paypal,
Transformational	US		seeks to provide total return	Microstrategy,
Data Sharing ETF			by investing at least 80% of its	Square, Voyager
			net assets in equity securities	Digital, Galaxy Digital
			of companies actively	
			involved in the development	

and utilization of blockchain technologies

Square, EPAM

Akamai Tech,

Coinbase

Systems, DocuSign,

invests in a cross section of Harvest Blockchain HBLK-1.59% Large Cap established **Technologies ETF TSE** companies (Large Cap Blockchain Technology Issuers) and Dedicated businesses (Emerging Blockchain Technology Issuers) that are primarily involved in blockchain technology services. Large Cap Blockchain Technology Issuers are equally weighted, and Emerging Blockchain Technology Issuers are market cap weighted. They recently increased exposure to 75% Dedicated Blockchain

Theme 5: Digital Payments

Name	Ticker	MER	Description	Top Holdings
ETFMG Prime Mobile Payments ETF	IPAY- US	0.75%	Provides exposure to ~40 global companies involved in providing payment processing	American Express, Paypal, Visa, Fidelity National
			services/applications, providing	Information
			payment solutions, providing	Services,
			payment industry software, or	MasterCard
			providing services as a credit card	
			network.	

companies.

Note that IPAY is currently going through a reorganization. If it's approved, the benchmark index will revert back to the index that the fund tracked before a change in 2017, but ticker and industry exposure are expected to remain the same.

Theme 6: AI/Robotics

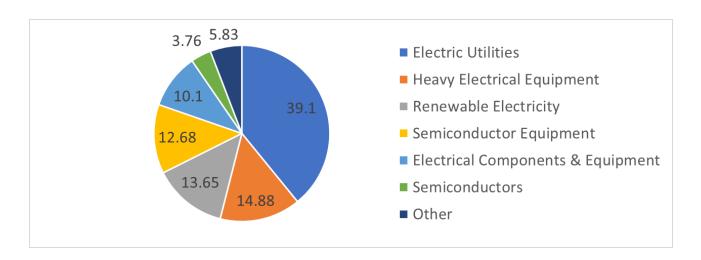
Name	Ticker	MER	Description	Top Holdings
First Trust Nasdaq Artificial Intelligence & Robotics ETF	ROBT- US	0.65%	Invests in global developed and EM based companies that either design and deliver robotics & AI products and systems, develop the building block components for robotics & AI, or provide non-core value added services in robotics & AI. Modified equal weighted, tilting more towards those that design/create robotics & AI products.	BlackBerry, Topcon, Hexagon AB, Nuance Communications, QinetiQ Group
Horizons Robotics & Automation ETF	RBOT- TSE	0.59%	Invests primarily in developed market based companies that derives a significant portion of its revenue or focuses its primary business on industrial robotics & automation, unmanned vehicles and drones, artificial intelligence or non-industrial robotics. Modified market cap weighted.	NVIDIA, ABB, Intuitive Surgical, Fanuc, Keyence Corp

Theme 7: Electric Vehicles

Name	Ticker	MER	Description	Top Holdings
Global X Autonomous & Electric Vehicles ETF	DRIV-US	0.68%	Provides modified cap- weighted exposure to ~100 global companies that produce autonomous vehicles, electric vehicles, batteries for electric vehicles, or technologies related to such products.	Alphabet, NVIDIA, Microsoft, Toyota, Intel
			Constituent weights are capped at 4%.	
Evolve Automobile Innovation Index Fund	CARS.B- TSE	0.64%	Tracks an equally weighted index of developed-market companies involved in the electric drivetrain, autonomous driving, and network-connected services businesses for automobiles.	MicroVision, Hella GmbH & Co, NVIDIA, Aptiv, Li Auto

Theme 8: Renewable Energy

Name	Ticker	MER	Description	Top Holdings
iShares Global Clean Energy ETF	ICLN- US	0.46%	Provides modified market cap allocation to up to 100 global companies that are classified as either Clean Energy Producers or Clean Energy Technology & Equipment Providers	Vestas Wind Systems, Orsted, Enphase Energy, Xcel Energy, Plug Power
BMO Clean Energy Index ETF	ZCLN- TSE	0.40%	Tracks the same index as ICLN in CAD terms	Vestas Wind Systems, Orsted, Enphase Energy, Xcel Energy, Plug Power



We discussed GreenTech and highlighted related equities, mutual funds, SMAs and ETFs in the Global Insight Monthly for the month of May.

Theme 9: HealthTech

Name	Ticker	MER	Description	Top Holdings
Global X Telemedicine &Digital Health ETF	EDOC- US	0.68%	Provides cap-weighted allocation to developed markets companies that generate at least 50% of their revenues from telemedicine and/or digital health related business operations.	Cerner, Nuance Communications, Illumina, UnitedHealth, Agilent Tech
Robo Global Healthcare Technology and Innovation ETF	HTEC- US	0.68%	Provides allocation to between 50 and 100 global companies that the index provider determines have considerable portion of their business associated with medical technology and health care innovation including: diagnostics, lab process automation, regenerative medicine, precision medicine, data & analytics, telehealth, robotics, medical instruments and genomics.	Staar Surgical, Nuance Communications, Charles River Laboratories, Tabula Rasa Healthcare, Caredx

We discussed HealthTech and highlighted related equities, mutual funds, SMAs and ETFs in the Global Insight Monthly for the month of June.

Theme 10: Disruptive Technology

Name	Ticker	MER	Description	Top Holdings
SPDR S&P Kensho New Economies Composite ETF	KOMP- US	0.20%	KOMP provides exposure to companies from 22 sub-themes including: cyber security, robotics, autonomous vehicles, drones, space, smart buildings, virtual reality, clean energy, genetic engineering, smart grids, electric vehicles, future payments, and distributed ledger. Holdings within each sub-index are equal weighted, with a tilt towards constituents classified as "core". Sub indexes are assigned weights based on a risk/return ratio	Vuzix, 3D Systems, Riot Blockchain, MicroVision, General Motors
Evolve Innovation Index Fund	EDGE- TSE	0.50%	Provides modified equal-weighted allocation to developed markets constituents from each of the following categories: Cloud Computing & Big Data, Cyber Security, Future Cars, Genomics, FinTech, Video Gaming, 5G. Categories are equally weighted, and the constituents within each category are equally weighted (with the exception of Cyber security and Cloud Computing & Big Data, which are market cap weighted). Note it holds a number of Evolve funds to get exposure to some of the categories.	Crowdstrike, Qualcomm, BioNTech, NVIDIA, Genmab

Sources: FactSet, Harvest Portfolios Group, US Global ETFs, Invesco, FlexShares, Evolve ETFs, iShares, Amplify ETFs, ETFMG, First Trust Portfolios, Horizons ETFs, Global X ETFs, BMO Investments, Robo Global ETFs, State Street Global Advisors

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