

THEMATIC ADOPTION MENU

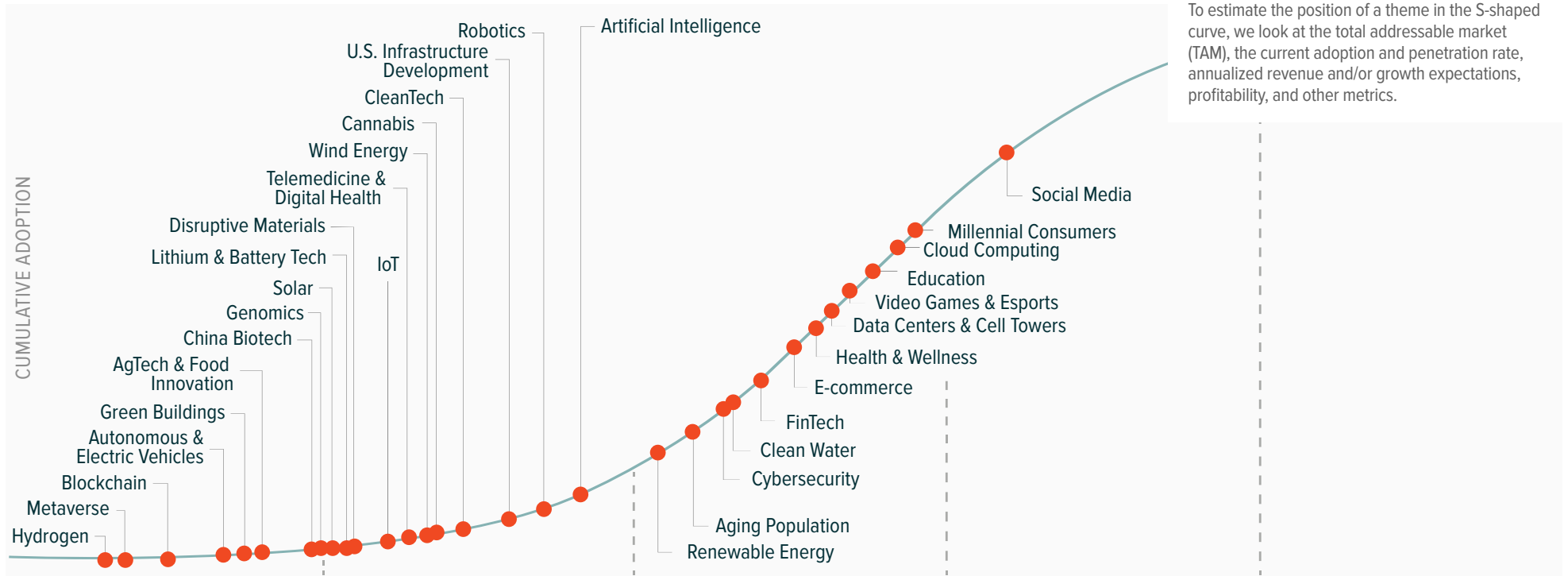
Macro-Themes for the Next Decade

Targeting companies that may be poised to benefit from structural shifts in technology, people and demographics, and the physical environment, the Thematic Growth family offers a range of exposures to emerging economic trends.



As of April 2022

THEMATIC ADOPTION BY PHASE



HOW ARE POSITIONS CALCULATED?

To estimate the position of a theme in the S-shaped curve, we look at the total addressable market (TAM), the current adoption and penetration rate, annualized revenue and/or growth expectations, profitability, and other metrics.

PHASES OF ADOPTION

Displayed for illustrative purposes. Curve shape not indicative of mathematical transformation.

INNOVATORS

Adoption starts slowly, as only a small group of Innovators take a chance on a new technology before it is proven or widely accepted.

EARLY ADOPTERS

Early Adopters accelerate and evangelize via word-of-mouth. This is often the tipping point, as Early Adopters convince others that a particular technology is worthwhile.

EARLY MAJORITY

Early Majority, we reach the part of the Adoption S-curve where the slope is the steepest, and hence the rate of adoption is at its fastest. In this phase, sales tends to explode.

LATE MAJORITY

Adoption continues growing at a solid pace as the Late Majority are convinced to participate, and the technology appears seemingly everywhere.

LAGGARDS

Finally, holdouts, begrudgingly acquiesce and accept/adapt a technology.



DISRUPTIVE TECHNOLOGY

The Technology portion of this family identifies opportunities to invest in the software, systems, networks, and tools that fuel innovation and power our 21st century global economy.

TICKER	FUND NAME	BRIEF DESCRIPTION	ADOPTION*
AIQ	Artificial Intelligence & Technology ETF	Companies that stand to potentially benefit from the further development and utilization of artificial intelligence and big data.	
BITS	Blockchain & Bitcoin Strategy ETF	Takes long positions in U.S. listed bitcoin futures contracts and invests in companies positioned to benefit from the increased adoption of blockchain technology.	
BKCH	Blockchain ETF	Invests in companies positioned to benefit from the broader adoption of blockchain technology.	
BOTZ	Robotics & Artificial Intelligence ETF	Companies that stand to potentially benefit from increased adoption and utilization of robotics and artificial intelligence.	
BUG	Cybersecurity ETF	Invests in cybersecurity companies that protect and prevent intrusion and attacks to systems, devices, and platforms.	
CLOU	Cloud Computing ETF	Invests in companies that stand to potentially benefit from the increased adoption of cloud computing technology.	
DRIV	Autonomous & Electric Vehicles ETF	Invests in firms involved in the development of autonomous vehicle technology, electric vehicles (EVs), and EV components and materials.	
FINX	FinTech ETF	Companies at the leading edge of the emerging financial technology sector.	
HERO	Video Games & Esports ETF	Companies positioned across the video games ecosystem, including streaming, esports, developers & publishers, and hardware.	
LIT	Lithium & Battery Tech ETF	Invests in the full lithium cycle, from mining and refining the metal, through battery production.	
SNSR	Internet of Things ETF	Companies that stand to potentially benefit from the broader adoption of the Internet of Things.	
SOCL	Social Media ETF	Provides investors access to Social Media companies around the world.	
VPN	Data Center REITs & Digital Infrastructure ETF	Companies that operate data center REITs and other digital infrastructure supporting the growth of communication networks.	
VR	Metaverse ETF	Companies positioned to benefit from the development and commercialization of the Metaverse.	
AGNG	Aging Population ETF	Companies positioned to serve the world's growing senior population through exposure to sectors that contribute to increasing lifespans and extending quality of life in advanced age.	
BFIT	Health & Wellness ETF	Seeks to harness the effects of changing consumer lifestyles by investing in companies geared toward promoting physical activity and well-being.	
CHB	China Biotech Innovation ETF	Invests in companies that are directly involved in China's biotechnology industry.	
EBIZ	E-commerce ETF	Invests in companies positioned to potentially benefit from the increased adoption of E-commerce as a distribution model.	

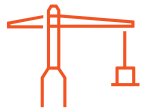


PEOPLE & DEMOGRAPHICS

The People portion of this family invests in companies that stand to benefit from demographic changes, as well as changes in consumption habits or lifestyle choices.

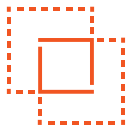


EDOC	Telemedicine & Digital Health ETF	Companies positioned to benefit from further advances in the field of telemedicine and digital health.	
EDUT	Education ETF	Companies providing products and services that facilitate education, including online learning and publishing educational content, as well as those involved in early childhood education, higher education, and professional education.	
EWEB	Emerging Markets Internet & E-commerce ETF	Companies positioned to benefit from the increased adoption of Internet and E-commerce technologies in emerging markets.	
GNOM	Genomics & Biotechnology ETF	Invests in companies that stand to potentially benefit from further advances in the field of genomic science.	
MILN	Millennial Consumer ETF	Companies that have a high likelihood of benefiting from the rising spending power and unique preferences of the U.S. Millennial generation.	
POTX	Cannabis ETF	Invests in companies across the cannabis supply chain, including companies in the business of medical, wellness, and recreational uses.	
AQWA	Clean Water ETF	Companies advancing the provision of clean water through industrial water treatment, storage and distribution infrastructure, as well as purification and efficiency strategies, among other activities.	
CTEC	CleanTech ETF	Invests in companies that stand to benefit from the increased adoption of technologies that inhibit or reduce negative environmental impacts.	
DMAT	Disruptive Materials ETF	Companies producing metals and other raw materials that are essential to the expansion of disruptive technologies.	
GRNR	Green Building ETF	Invests in companies positioned to benefit from increasing demand for buildings that either positively impact the natural environment or reduce/eliminate negative impacts.	
HYDR	Hydrogen ETF	Companies that stand to benefit from the advancement of the global hydrogen industry.	
KROP	AgTech & Food Innovation ETF	Companies advancing innovation and the use of technology in the agriculture and food industries.	
PAVE	U.S. Infrastructure Development ETF	Invests in companies that stand to benefit from a potential increase in infrastructure activity in the United States.	
RAYS	Solar ETF	Companies positioned to benefit from the advancement of the global solar technology industry.	
RNRG	Renewable Energy Producers ETF	Invests in companies that produce energy from renewable sources including wind, solar, hydroelectric, geothermal, and biofuels.	
WNDY	Wind Energy ETF	Companies positioned to benefit from the advancement of the global wind energy industry.	



PHYSICAL ENVIRONMENT

The Physical Environment portion of this family invests in companies involved in building and maintaining critical infrastructure, including energy and water systems.



MULTI-THEME

Multi-theme delivers access to multiple themes that exhibit high long-term growth potential in a single basket.

GXTG	Thematic Growth ETF	Broad exposure to structurally disruptive macro-trends through a portfolio of ETFs selected from the Global X Thematic Growth family.
KEJI	China Innovation ETF	Invests in companies that are economically tied to disruptive innovation in China.

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Bitcoin and bitcoin futures are a relatively new asset class. They are subject to unique and substantial risks, and historically, have been subject to significant price volatility. The value of an investment in the Fund could decline significantly and without warning, including to zero. You should be prepared to lose your entire investment.

BITS is actively managed and invests in bitcoin futures contracts. The ETF does not invest directly in or hold bitcoin. The price and performance of bitcoin futures should be expected to differ from the current “spot” price of bitcoin. These differences could be significant.

Bitcoin is largely unregulated and bitcoin investments may be more susceptible to fraud and manipulation than more regulated investments. Bitcoin and bitcoin futures are subject to rapid price swings, including as a result of actions and statements by influencers and the media.

Investing involves risk, including the possible loss of principal. There is no guarantee the strategies discussed will be successful. International investments may involve risk of capital loss from unfavorable fluctuation in currency values, from differences in generally accepted accounting principles or from economic or political instability in other nations. Emerging markets involve heightened risks related to the same factors as well as increased volatility and lower trading volume. Narrowly focused investments may be subject to higher volatility. There are additional risks associated with investing in lithium and the lithium mining industry. The investable universe for thematic ETFs may be limited. The funds are non-diversified.

Video Game, Esports and Cybersecurity Companies are subject to risks associated with additional regulatory oversight with regard to privacy/cybersecurity concerns, shifting consumer preferences, and potential licensing challenges. Declining or fluctuating subscription renewal rates for products/services or the loss or impairment of intellectual property rights could adversely affect profits.

Investments in infrastructure-related companies have greater exposure to the potential adverse economic, regulatory, political and other changes affecting such entities. Healthcare, Pharmaceutical, Biotechnology and Medical Device companies can be affected by government regulations, expiring patents, rapid product obsolescence, and intense industry competition. The risks related to investing in cloud computing companies include disruption in service caused by hardware or software failure, interruptions or delays in service by third-party data center hosting facilities and maintenance providers, security breaches involving certain private, sensitive, proprietary and confidential information managed and transmitted by cloud computing companies, and privacy concerns and laws, evolving Internet regulation and other foreign or domestic regulations that may limit or otherwise affect the operations of such companies.

Cannabis companies are subject to various laws and regulations that may differ at the state/local, federal and international level. These laws and regulations may significantly affect a Cannabis Company’s ability to secure financing/traditional banking services, impact the market for cannabis business sales and services, and set limitations on cannabis use, production, transportation, export and storage.

Investing in securities engaged in the social media industry or Information Technology include disruption in service caused by hardware or software failure; interruptions or delays in service by third-parties; security breaches involving certain private, sensitive, proprietary and confidential information managed and transmitted by social media companies; and privacy concerns and laws, evolving Internet regulation and other foreign or domestic regulations that may limit or otherwise affect the operations of such companies.

Carefully consider the Funds’ investment objectives, risk factors, charges, and expenses before investing. This and additional information can be found in the Funds’ summary or full prospectus, available at globalxetfs.com. Read it carefully before investing.

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Shares are bought and sold at market price (not NAV) and are not individually redeemed from the Fund. Brokerage commissions will reduce returns.