



**ARK**  
INVEST

# ARK Innovation UCITS ETF

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Disrupting the Norm, Defining the Future.

Capital at Risk.

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*Embarking on a journey where five converging innovation platforms architect the blueprint of a radically advanced future.”*



## Why now?

This decade, transformative technologies will reshape the global economic landscape. Five key innovation platforms—AI, Robotics, Multiomic Sequencing, Public Blockchains and Energy Storage—are converging to catalyse a future far beyond the scale of the first and second industrial revolutions. Central to this convergence, AI is poised to accelerate growth across all sectors.

Notably, AI's efficiency has dramatically reduced the cost of authoring the written word from the century-long standard of \$USD 300 to \$USD 400 per 1,000 words to just 16 cents, showcasing profound economic impact. We project that the global equity market value tied to innovation could swell from 16% to over 60% by 2030, marking a significant shift in innovation and investment dynamics (ARK Investment Management 2024). This era of technological convergence is more than evolutionary; it represents a revolutionary leap forward, heralding a new age of opportunity, growth and societal advancement. As these technologies interlace, they sketch the blueprint for a future brimming with possibilities, setting the stage for a new chapter in the story of human progress.

## Investors who are:

- Seeking capital appreciation over the long term through investment in companies that are pioneering the technological convergence, each serving as a cornerstone of the next industrial revolution, and are able to assess the merits and risks of an investment in this Fund.
- Interested in a diverse portfolio of stocks with a large-cap bias, and minimal overlap to major benchmarks such as the S&P 500 or the NASDAQ 100.
- Innovation & Tech executives, business owners, venture capitalists, educators, computer scientists, engineers & researchers, experts or general market enthusiasts.

# Five Innovation Platforms are Converging and Defining this Technological Era

## Public Blockchains

Upon large-scale adoption, all money and contracts will likely migrate onto Public Blockchains that enable and verify digital scarcity and proof of ownership. The financial ecosystem is likely to reconfigure to accommodate the rise of Cryptocurrencies and Smart Contracts. These technologies increase transparency, reduce the influence of capital and regulatory controls, and collapse contract execution costs. In such a world, Digital Wallets would become increasingly necessary as more assets become money-like, and corporations and consumers adapt to the new financial infrastructure. Corporate structures themselves may be called into question.

## Artificial Intelligence

Computational systems and software that evolve with data can solve intractable problems, automate knowledge work, and accelerate technology's integration into every economic sector. The adoption of Neural Networks should prove more momentous than the introduction of the internet and potentially create 10s of trillion dollars of value. At scale these systems will require unprecedented computational resources, and AI-specific compute hardware should dominate the Next Gen Cloud datacenters that train and operate AI models. The potential for end-users is clear: a constellation of AI-driven Intelligent Devices that pervade people's lives, changing the way that they spend, work, and play. The adoption of artificial intelligence should transform every sector, impact every business, and catalyze every innovation platform.

## Energy Storage

Declining costs of Advanced Battery Technology should cause an explosion in form factors, enabling Autonomous Mobility systems that collapse the cost of getting people and things from place to place. Electric drivetrain cost declines should unlock micro-mobility and aerial systems, including flying taxis, enabling business models that transform the landscape of cities. Autonomy should reduce the cost of taxi, delivery, and surveillance by an order of magnitude, enabling frictionless transport that could increase the velocity of e-commerce and make individual car ownership the exception rather than the rule. These innovations combined with large-scale stationary batteries should cause a transformation in energy, substituting electricity for liquid fuel and pushing generation infrastructure towards the edge of the network.

## Multiomic Sequencing

The cost to gather, sequence, and understand digital biological data is falling precipitously. Multiomic Technologies provide research scientists, therapeutic organizations and health platforms with unprecedented access to DNA, RNA, protein, and digital health data. Cancer care should transform with pan-cancer blood tests. Multiomic data should feed into novel Precision Therapies using

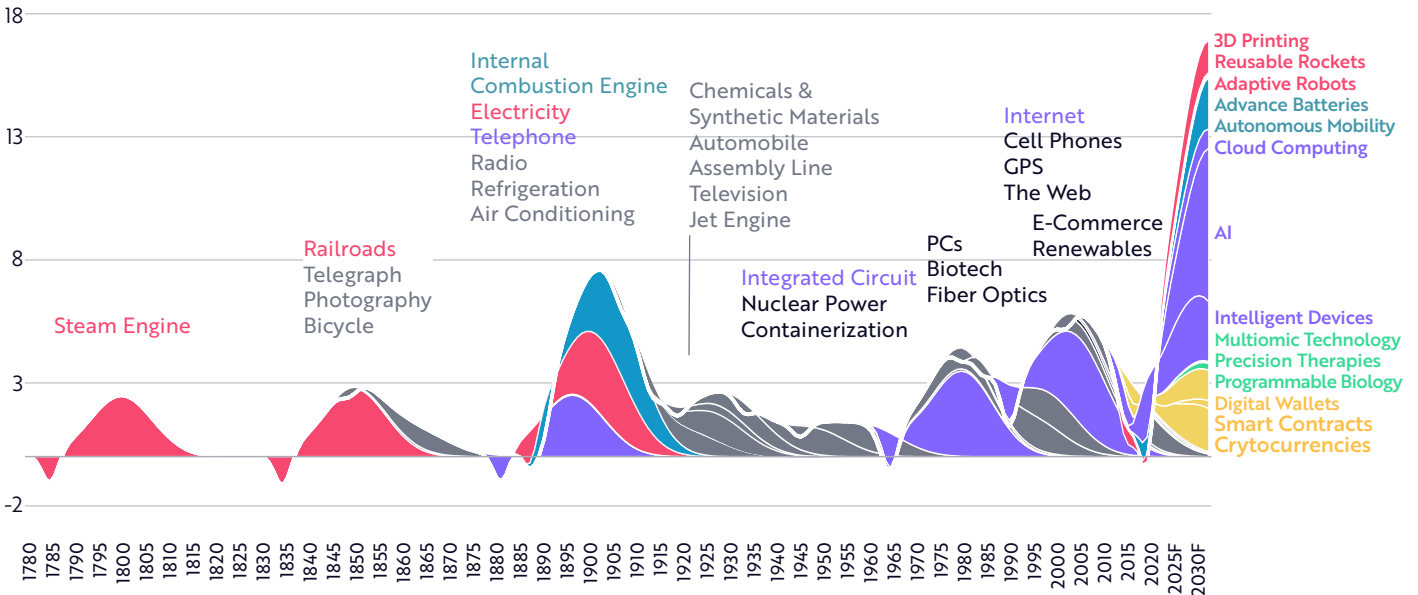
emerging gene editing techniques that target and cure rare diseases and chronic conditions. Multiomics should unlock entirely new Programmable Biology capabilities, including the design and synthesis of novel biological constructs with applications across industries, particularly agriculture and food production.

## Robotics

Catalyzed by artificial intelligence, Adaptive Robots can operate alongside humans and navigate legacy infrastructure, changing the way products are made and sold. 3D Printing should contribute to the digitization of manufacturing, increasing not only the performance and precision of end-use parts but also the resilience of supply chains. Meanwhile, the world's fastest robots, Reusable Rockets, should continue to reduce the cost of launching satellite constellations and enable uninterrupted connectivity. A nascent innovation platform, robotics could collapse the cost of distance with hypersonic travel, the cost of manufacturing complexity with 3D printers, and the cost of production with AI-guided robots.

# Estimated Economic Impact of General Purpose Technologies

(Rough Annual Percentage Point Additions to the economy, inclusive of consumer surplus)



Source: ARK Investment Management LLC, 2024. This analysis is based on research conducted at Ark Investment Management LLC and represents a range of external sources, given the large number of external sources these will be provided upon request. Data as of December 5, 2023.<sup>5</sup> Forecasts are inherently limited and cannot be relied upon. For informational purposes only and should not be considered investment advice or a recommendation to buy, sell, or hold any particular security or cryptocurrency. Past performance is not indicative of future results.

## Technological Innovation Could Be Disruptive Enough to Dominate Global Equity Market Capitalisations

### 2023 Equity Market Cap Estimate

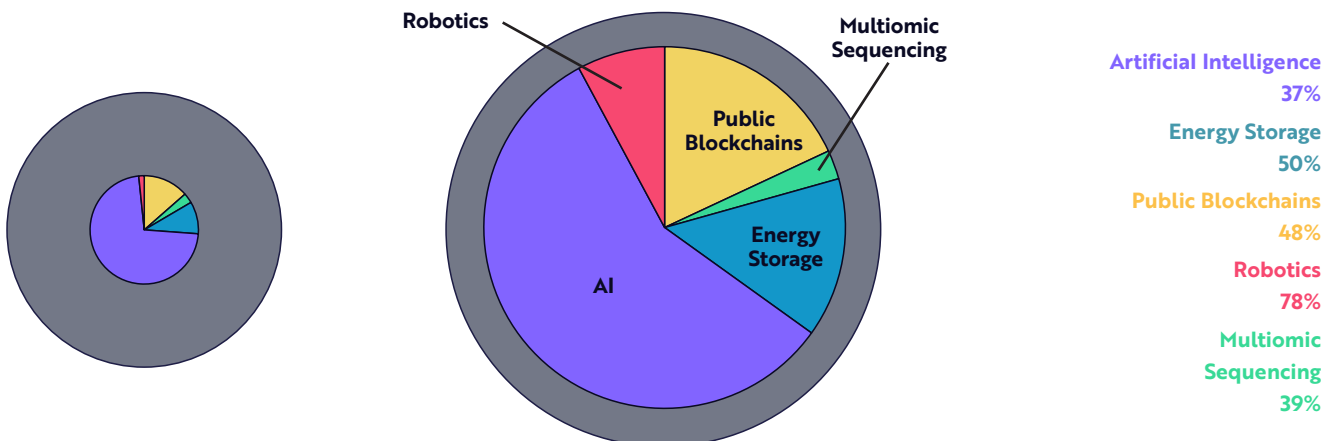
Non-innovation	\$98 trillion
Disruptive innovation	<u>\$19 trillion</u>
Total	\$117 trillion

### 2030 Equity Market Cap Forecast

Non-innovation	\$140 trillion
Disruptive innovation	<u>\$220 trillion</u>
Total	\$360 trillion

### Annual Growth Forecast

	3%
	<u>42%</u>
	17%



Note: Forecasted numbers are rounded. Sources: ARK Investment Management LLC, 2024. This ARK analysis is based on a range of external sources, including the World Federation of Exchanges and the MSCI ACWI IMI Innovation Index which may be provided upon request. Forecasts are inherently limited and cannot be relied upon. For informational purposes only and should not be considered investment advice or a recommendation to buy, sell, or hold any particular security. Past performance is not indicative of future results.



## Fund Description

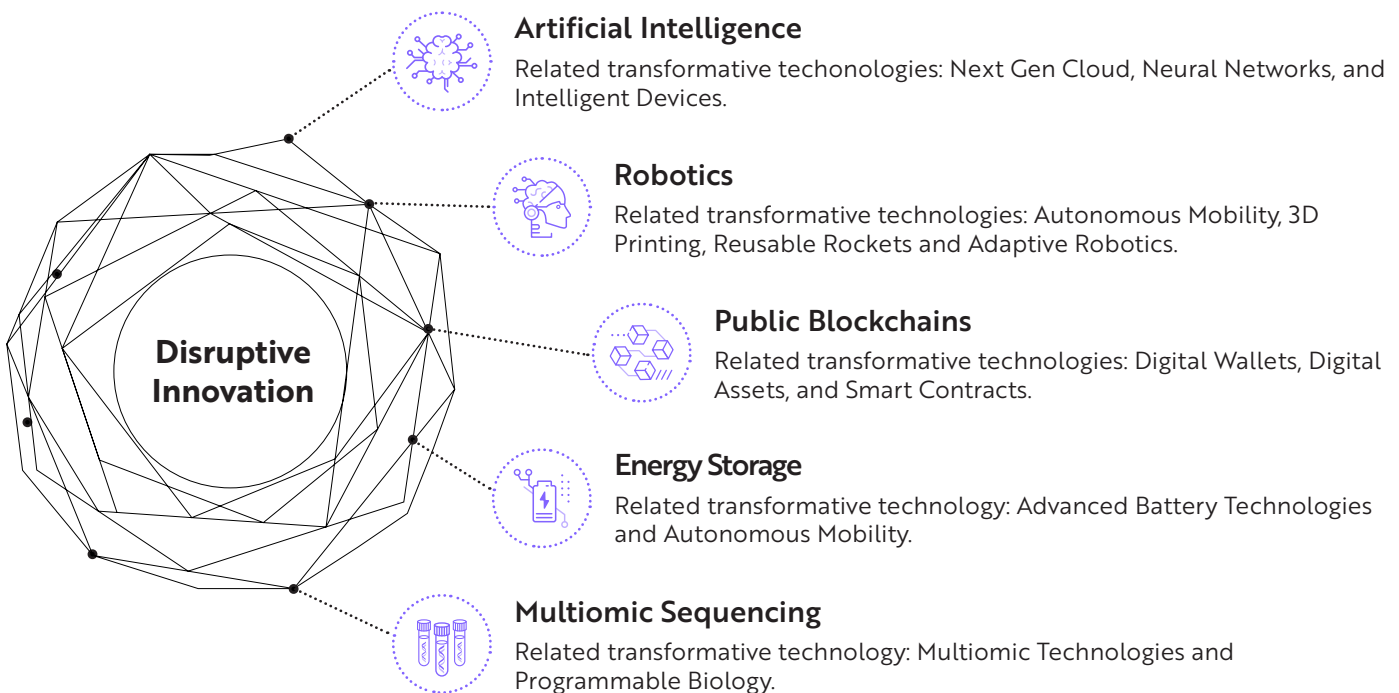
The ARK Innovation UCITS ETF ("ARKK") is actively managed and seeks to invest in companies involved in "disruptive innovation", defined as the introduction of a technologically enabled new product or service that potentially changes the way the world works. These are companies that rely on or benefit from the development of new products or services, technological improvements and advancements in scientific research relating to genomics; automation and manufacturing, transportation, energy, artificial intelligence and materials; the increased use of shared technology, infrastructure and services; and technologies that make financial services more efficient.

## Fund Details

ETF	<b>ARK Innovation UCITS ETF</b>
Base Ticker	<b>ARKK</b>
Type	<b>Active Equity ETF</b>
ISIN	<b>IE000GA3D489</b>
TER	<b>0.75%</b>
Inception Date	<b>12 April 2024</b>
SFDR Classification	<b>Article 8</b>
Issuer	<b>ARK Invest UCITS ICAV</b>
Promoter	<b>ARK Invest International Ltd</b>
Manager	<b>IQ EQ Fund Management (Ireland) Ltd</b>
Investment Manager	<b>ARK Investment Management LLC</b>

## Portfolio Composition

Within the five innovation platforms, we have identified 14 transformative technologies that are approaching tipping points as costs drop, unleashing demand across sectors and geographies and spawning more innovation.



**Key Risks:** The Fund is subject to the risks associated with technology-focused companies including the risk of: (1) failure of new technologies and solutions to replace existing ones or to be approved by governments/regulators or to achieve their aim; (2) the failure of individual companies to successfully capitalise on such new technologies and reach profitability; (3) competition, including rapid developments in competitive technologies (which may leave a company's products out-of-date); (4) government intervention or excessive regulation; and (5) legal attacks from competitors.

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**Capital at Risk Warning** – Please note that the value of an investment and any income taken from it is not guaranteed and can go down as well as up. You may not get back the amount you originally invested. If your investment currency is different to the Funds' currency of denomination (USD) or the currencies in which the Funds' assets are denominated (which may be a range of different global currencies), then the return you will get from your investment may increase or decrease as a result of currency fluctuations between your investment currency and such currencies.

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**Germany:** This is a financial promotion. The offering of the Shares of ARK Invest has been notified to the German Financial Services Supervisory Authority (BaFin) in accordance with section 310 of the German Investment Code (KAGB). The Fund Information in English (and the KIDs in German language) can be obtained free of charge upon request from the Facilities Agent in Germany, FE fundinfo (Luxembourg) S.à.r.l., by contacting [fa\\_gfr@fefundinfo.com](mailto:fa_gfr@fefundinfo.com) or in paper form at the Facilities Agent's registered office, being 77 Rue du Fossé, 4123 Esch-sur-Alzette, Luxembourg.

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