

US INNOVATIVE LEADERS 5 INDEX

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BNP PARIBAS

The bank
for a changing
world



INTRODUCING THE INDEX



The US Innovative Leaders 5 Index (“the Index”) is a **rules-based index** aiming to generate positive returns by providing exposure to 50 stocks of leading companies that are positioned at the forefront of innovation by investing extensively in technology.

Based on the focus of their patents, US companies are grouped into six key innovation themes that are likely to drive economic growth in the coming years. The themes were selected as they have potentially higher growth prospects and could significantly impact and disrupt the market.

In addition, the Index has a risk control mechanism, aiming to stabilize performance during changing and less stable market conditions.

Definitions

A **Rules-Based Index** is an index where the weightings of the components are determined following a pre-defined set of rules that will not change.

Companies investing in innovative fields have the potential to disrupt the market by introducing and developing new and enhanced products, concepts and services. The US Innovative Leaders 5 Index seeks exposure to companies who are market leaders and are investing in one of the six key themes below, as they may be well positioned to potentially outperform their competitors through innovation.

Illustrative examples:



DATA COMPUTING & PROCESSING

Data Computing & Processing entails manipulating large amounts of raw data into ready-to-use information for the intended user, such as companies or individuals. The automatic processing and computing of data allows for faster and more efficient planning.

Disney distributes wristbands to theme park guests which communicate data to a core system, helping Disney to track customers and to anticipate and understand guests' desires and needs.

Source: The Walt Disney Company, 2019.



AUTOMOTIVE INNOVATION

Automotive Innovation aims to reinvent the automobile industry by designing sustainable vehicles, complying with new regulations and exceeding customer needs. To achieve this, technologies such as automation, connectivity and electric power are used.

General Motors increasingly integrates technology in vehicles by embedding navigation and in-vehicle applications and systems, providing information about vehicle health status as well as entertainment.

Source: General Motors, 2019.



ROBOTICS

Robotics technology designs and constructs robots. Robots and the computer that control them, are developed for the purpose of replicating human actions, thereby replacing humans in processes in different fields, including engineering and business.

Boeing has invested in Robotic Skies (RS), a start-up connecting manufacturers and operators of commercial Unmanned Aircraft Systems (UAS). Boeing is looking to invest in a long-term technique that can be implemented as autonomous flight technology.

Source: Yahoo Finance, 2019.

INNOVATIVE INDUSTRIES



ARTIFICIAL INTELLIGENCE

Artificial Intelligence (AI) is the culmination of efforts to teach computers how to think and learn. It has the potential to unlock productivity gains that can change the way in which technology is used.

Nike has been developing a scanning technology on its app that measures customers' feet, using data points to map the user's foot morphology. The technology should improve the way of designing, manufacturing and selling shoes by allowing to produce better tailored products.

Source: NIKE, Inc., 2019.



INTERNET OF THINGS

Internet of Things represents the interconnectedness of devices, machines and objects, facilitating communication without human interaction. Such connections can encourage automation and control of tasks and activities.

JP Morgan Chase has invested over \$100 million to develop its online payment services. As such, the bank attempts to acquire access to vast payments networks that allow them to strike deals with companies.

Source: Reuters, Bloomberg, 2017.



HEALTHCARE INNOVATION

Healthcare Innovation should improve the effectiveness and quality of healthcare by adopting new or improved products, practices or systems, in order to meet public healthcare needs.

In 2000, Intuitive Surgical became the first company receiving clearance for a type of robotic surgery in the US. The company has expanded its expertise, developing products permitting doctors to perform increasingly complex operations while minimizing the risk.

Source: Intuitive Surgical, 2018.

EXPOSURE TO INNOVATIVE COMPANIES

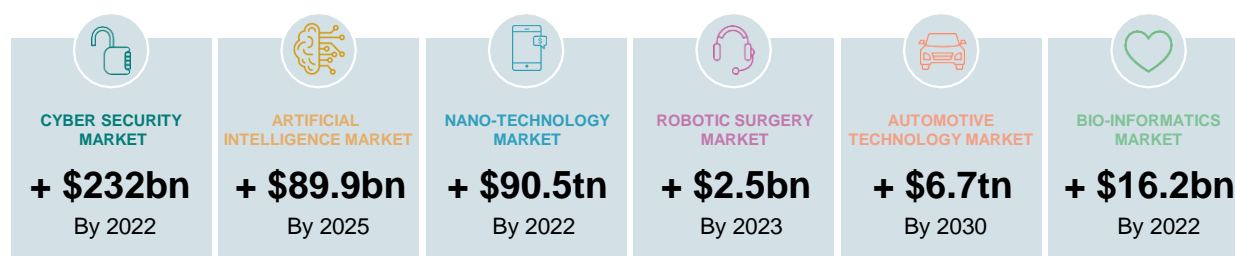
Academic studies have found evidence for the existence of a positive link between innovation of a company and its financial performance, emphasizing the **relevance of innovation** in today's environment in order to develop and differentiate over competitors.¹

Innovation is rapidly accelerating, powered by major breakthroughs in the 20th century,

such as computing and the invention of the internet. A new age of innovation could **revolutionize and alter business functions** at an even higher speed.

The US Innovative Leaders 5 Index aims to provide exposure to the most innovative companies, which may exhibit **higher future revenues** as a result of such innovation.

●● EXPECTED GLOBAL GROWTH OF REVENUES IN INNOVATIVE FIELDS



Source: IDC, Tractica, Orbis, McKinsey & Company, Gartner Research, 2018.

INDEX FEATURES



INNOVATION MAPPING

In order to retrieve the relevant data regarding the innovativeness of a company, the US Innovative Leaders 5 Index leverages the analysis of millions of patents to detect companies that are involved in 1 of 25 chosen innovative fields based on six key themes.



INNOVATIVE STOCK SELECTION

Out of companies with a large to medium sized market capitalization, the Index selects 50 US companies based on their investment in innovative fields. The objective is to provide exposure to companies that can disrupt their market and potentially outperform their peers through innovation. On a quarterly basis, the Index rebalances the selection to reflect the companies' changing levels of innovativeness based on the number of patents they hold in the innovative fields.



RISK CONTROL

Finally, seeking to control risk exposure, the Index first creates a blended portfolio with 10-Year US Treasuries and then aims to maintain the annualized volatility level around 5% by increasing or decreasing exposure to the components or a hypothetical cash position. In this way, the Index aims to reduce the impact of severe market drawdowns during changing market periods and stabilize returns.²

Definitions

Market capitalization is the product of the number of outstanding shares and the share price of the company and is often used to assess the size of a company. Large Cap and Midcap companies refer to companies with a large and medium sized market capitalization, respectively.

Volatility is the amount of price variation in an asset or security. High volatility means the price moves up and down in wide ranges over a period of time. Low volatility means that the price does not change as dramatically, but rather changes at a more gradual pace.

¹ Academic studies include, among others, Jansen, van den Bosch & Volberda (2006), Hietanen & Tikkanen (2010) and Bigliardi (2013).

² For further information on the hypothetical cash position please refer to the "Risk Control Mechanism" on page 8.

INNOVATION MAPPING

To conceptualize the US Innovative Leaders 5 Index, BNP Paribas uses data provided by Nasdaq to extract information regarding the level of innovativeness of each company. The companies' innovation is organized in six themes that are subsequently mapped into 25 innovation fields. Afterwards, millions of such companies' patents are analyzed to help detect those that relate to 1 of the 25 innovative fields and identify the companies that invest in the respective themes.

THEMES TO FIELDS

Six themes are organized and mapped into 25 innovation fields.

DATA COMPUTING & PROCESSING	ARTIFICIAL INTELLIGENCE	INTERNET OF THINGS	ROBOTICS	AUTOMOTIVE INNOVATION	HEALTHCARE INNOVATION
Cyber Security	Deep Learning	Wearable Technology	Drones	Autonomous Vehicles	Robotic Surgery
Quantum Information & Optics	NLP	Internet of Things	Spacecraft & Satellites	Electric Vehicles	Bioinformatics
Blockchain	Image Recognition	Mobile Payments	Nanorobotics	Hybrid Vehicles	Human Augmentation
Big Data	Speech Recognition & Chatbots	Digital Currency	3D Printing		
Cloud Computing					
3D Graphics					
Virtual Reality & AR					

RETRIEVING PATENT DATA

Through the U.S. Patent and Trademark Office and the World Intellectual Property Organization, the following data is retrieved:

- ∞ The list of companies holding patents in 1 or more innovative fields
- ∞ The continuously updated quantity of patents each of these companies hold in any of the 25 innovative fields

INNOVATIVE STOCK SELECTION

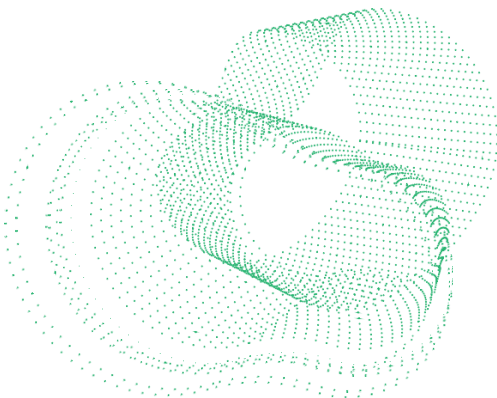
The US Innovative Leaders 5 Index follows a rules-based methodology aiming to generate positive returns by selecting 50 US companies that are leaders in the innovation space. This stock selection aims to generate outperformance compared to a traditional market benchmark, such as the S&P 500. The methodology is applied on a quarterly basis to reflect changing levels of innovativeness, based on the number of patents a company holds.

The Index is only focused on **US Large Midcaps** as larger companies can have a greater potential to disrupt the market they are in, generally experience less volatility and also tend to be more **liquid**.

1 SELECT INNOVATIVE US LARGE MIDCAP COMPANIES

First, the Index only selects US Large Midcaps investing in innovation by holding at least one patent in 1 of the 25 innovative fields.

Company			
US Large Midcap	✓	✓	
Patents in ≥ 1 innovative field(s)		✓	✓






2 SELECT THE MOST INNOVATIVE COMPANIES

Secondly, from the US Large Midcaps mapped, the Index selects companies investing extensively in innovative activities. To determine the amount of investments in innovation, the number of patents is used as a proxy.

- ∞ How much a company invests in innovative fields vs. all their investments.¹
- ∞ How much a company invests in innovative fields vs. their peers.²

Only the companies that rank in the **top 50% in innovation investment** compared with both their total investments and their peers, are selected.

Company			
Innovative field	Image Recognition		
Investment vs. all investments	● ● ●	● ●	●
Investment vs. peer investment	●	● ● ●	● ●
Selected	✗	✓	✗

¹ Determined by the pure score - ratio of the number of patents a company holds in an innovative field and the total number of patents the company holds

² Determined by the contribution score - ratio between the number of patents a company holds in an innovative field and the total number of patents in that innovative field

Definitions

US Large and Midcaps refer to US companies that have a large to medium sized market capitalization. Market capitalization is often used to refer to the size of a company and is the product of the number of outstanding shares of the company and the price per share.






Liquidity describes the degree to which an asset or security can be quickly bought or sold in the market without affecting the asset's price.



3 SELECT THE TOP 50 INNOVATIVE COMPANIES

Finally, the Index ranks the companies and selects the 50 companies that have the highest intensity of investment in the innovative fields.³

Based on the investment intensity ranking, the companies are assigned a weight, where the highest ranking companies are assigned more weight and vice versa.

Rank	Company	Selected	Weight
1		✓	2.5%
2		✓	1.9%
3		✓	1.8%
—	—	—	
50		✓	1.3%
51		✗	

³ The investment intensity is determined by the intensity score, which counts the number of times in which companies have both pure and contribution scores above 25%.

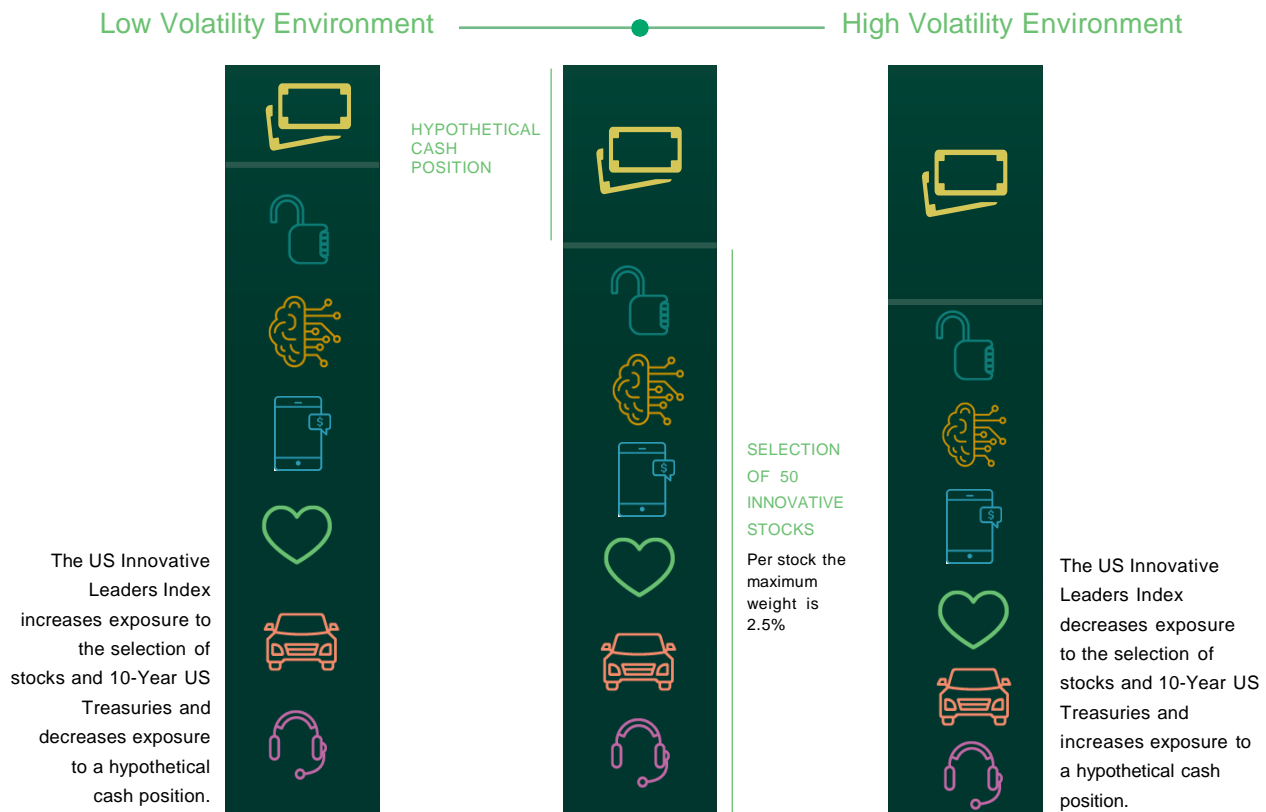


RISK CONTROL MECHANISM

The US Innovative Leaders 5 Index implements a risk control mechanism to potentially reduce volatility and the magnitude of drawdowns during market corrections. In this way, the Index attempts to generate positive risk-adjusted returns, while controlling for risk. The Index creates a blended portfolio with equities and 10-Year US Treasuries and then targets an annualized realized volatility of 5% on a daily basis adjusting exposure to a hypothetical cash position, based on the volatility level.

- ∞ In a high volatility environment, the Index decreases exposure to the selection of stocks and 10-Year US Treasuries and increases exposure to a hypothetical cash position
- ∞ In a low volatility environment, the Index increases exposure to the selection of stocks and 10-Year US Treasuries and decreases exposure to a hypothetical cash position

The Index creates a blended portfolio with equities and 10-Year US Treasuries to reach the 5% volatility target. When equity markets are volatile, the Index decreases exposure to the selection of stocks and increases exposure to 10-Year US Treasuries. When volatility of all components exceeds the target exposure of 5%, overall exposure is reduced by allocating a pro-rata portion to a hypothetical cash position. When volatility is low, overall exposure may be increased up to 150%.



For Illustrative Purposes Only.

The hypothetical cash position is non-remunerable and the Index thus may be partially or wholly uninvested, and not earning interest or any other return with respect to the cash position.

The US Innovative Leaders 5 Index is an “Excess Return Index” meaning that the Index level reflects the performance of any stocks in the selection that are in excess of 3-month USD LIBOR and inclusive of the value that would be derived from the reinvestment of any dividends and distributions by the issuer of any stocks.

Definitions

LIBOR (London InterBank Offered Rate) is a benchmark interest rate that banks typically charge each other for short-term loans. It can be used as basis to calculate interest rates on several types of loans.

SIMULATED PERFORMANCE ANALYSIS

US INNOVATIVE LEADERS 5 INDEX

The charts and tables below show an analysis of the back-tested levels of the US Innovative Leaders 5 Index. The US Innovative Leaders 5 Index was launched on 28 January 2020. The prior performance shown is simulated.

INDEX STATISTICS

	Global	Last 1 Year	Last 3 Years	Last 5 Years	Last 10 Years
Return	4.14%	-0.29%	-1.64%	-0.54%	2.46%
Volatility	5.06%	5.05%	4.96%	4.87%	5.14%
Return/Risk	0.82	-	-	-	0.48

INDEX OVERVIEW

Bloomberg ticker	BNPIUL5 Index
Calculation Agent	BNP Paribas Arbitrage SNC
Index Sponsor	BNP Paribas
Index Type	Excess Return
Index Launch Date	January 28 th 2020
Index Start Date	May 25 th 2004

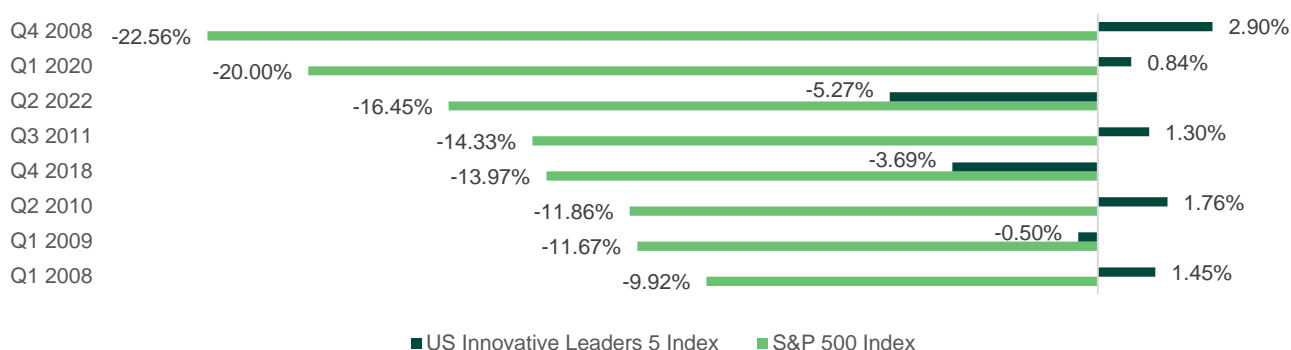
Source: Bloomberg, BNP Paribas from 25 May 2004 to 31 March 2025. All numbers and figures are annualized.

INDEX PERFORMANCE



Source: BNP Paribas from 25 May 2004 to 31 March 2025.

WORST 8 QUARTERS FOR THE S&P 500 INDEX SINCE INCEPTION OF THE US INNOVATIVE LEADERS 5 INDEX



Source: BNP Paribas from 25 May 2004 to 31 March 2025.

Source: BNP Paribas as of 31 March 2025. Past performance is not an indicator of future performance. The US Innovative Leaders 5 Index is based on Hypothetical Past Performance Data ("PPD") prior to 28 January 2020. Because the US Innovative Leaders 5 Index did not exist prior to this date, all retrospective levels provided in the graph and table above are simulated and must be considered illustrative only. The presentation of hypothetical data reflects the deduction of fees and charges. These simulations are the result of estimates made by BNP Paribas at a given moment on the basis of the parameters selected by BNP Paribas, certain assumptions that may or may not hold in future periods, of market conditions at this given moment and of historical data, which should not be used as guidance, in any way, of the future results of the US Innovative Leaders 5 Index.

SELECTION OF STOCKS

US INNOVATIVE LEADERS 5 INDEX

The presented data of the composition of the US Innovative Leaders 5 Index after risk control is hypothetically simulated prior to 28 January 2020.

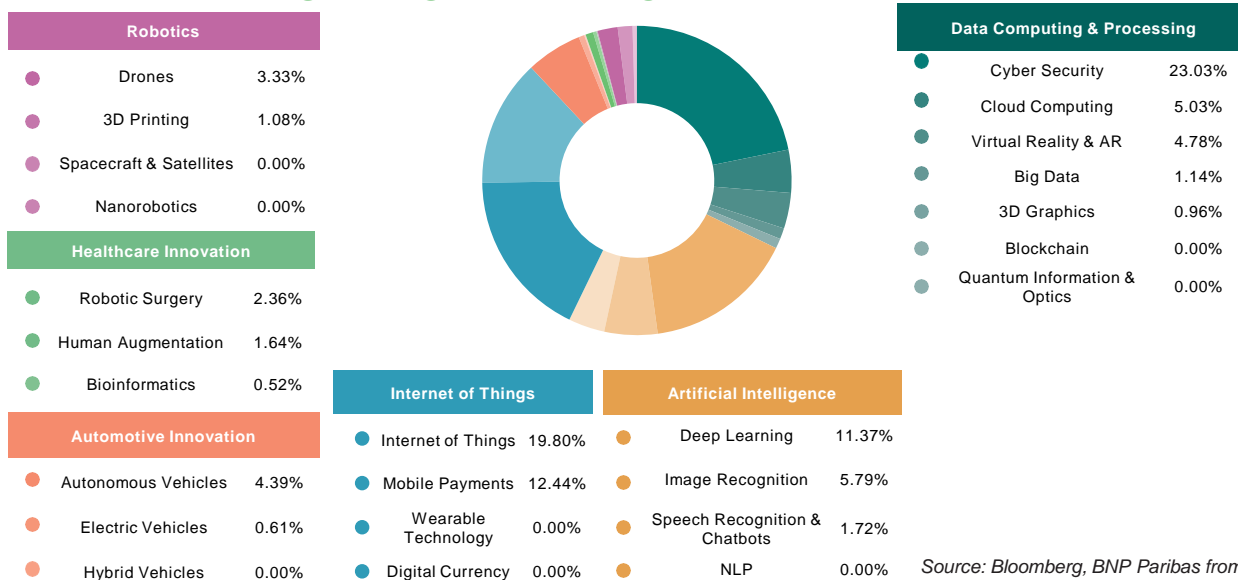
SELECTION OF STOCKS

Allstate CorpThe	2.50%	Rockwell Automation Inc	2.39%	Palantir Technologies Inc	2.00%	Meta Platforms Inc	1.76%	Snap Inc	1.50%
AT&T Inc	2.50%	Deere Co	2.38%	ADT Inc	1.92%	Uber Technologies Inc	1.75%	Keysight Technologies Inc	1.47%
Comcast Corp	2.50%	Boston Scientific Corp	2.35%	Intel Corp	1.89%	QUALCOMM Inc	1.75%	Advanced Micro Devices Inc	1.44%
Bank of America Corp	2.50%	Roku Inc	2.24%	Apple Inc	1.88%	Oracle Corp	1.69%	Dell Technologies Inc	1.35%
Verizon Communications Inc	2.50%	Visa Inc	2.23%	Mastercard Inc	1.86%	Fortinet Inc	1.66%	NVIDIA Corp	1.34%
Wells Fargo Co	2.50%	Live Nation Entertainment Inc	2.21%	Cisco Systems Inc	1.83%	Salesforce Inc	1.61%	Micron Technology Inc	1.33%
JPMorgan Chase Co	2.50%	American Express Co	2.18%	Cognex Corp	1.82%	CrowdStrike Holdings Inc	1.60%	Tesla Inc	1.33%
Walmart Inc	2.42%	PayPal Holdings Inc	2.12%	Intuit Inc	1.81%	Alphabet Inc	1.60%	ServiceNow Inc	1.27%
Amazon.com Inc	2.42%	Intuitive Surgical Inc	2.11%	International Business Machines Corp	1.81%	Adobe Inc	1.59%	NetApp Inc	1.17%
Charter Communications Inc	2.41%	eBay Inc	2.08%	Microsoft Corp	1.78%	Accenture PLC	1.58%	Hewlett Packard Enterprise Co	1.14%

	Data Computing & Processing		Artificial Intelligence		Internet of Things
	Automotive Innovation		Healthcare Innovation		Robotics

Source: Bloomberg, BNP Paribas as of 31 March 2025.

1-YEAR AVERAGE WEIGHT PER INNOVATIVE FIELD



Source: Bloomberg, BNP Paribas from
30 April 2024 to 31 March 2025.

Source: BNP Paribas as of 31 March 2025. Past performance is not an indicator of future performance. The US Innovative Leaders 5 Index is based on Hypothetical Past Performance Data ("PPD") prior to 28 January 2020. Because the US Innovative Leaders 5 Index did not exist prior to this date, all retrospective levels provided in the graph and table above are simulated and must be considered illustrative only. The presentation of hypothetical data reflects the deduction of fees and charges. These simulations are the result of estimates made by BNP Paribas at a given moment on the basis of the parameters selected by BNP Paribas, certain assumptions that may or may not hold in future periods, of market conditions at this given moment and of historical data, which should not be used as guidance, in any way, of the future results of the US Innovative Leaders 5 Index.

Selected Risks and Considerations Associated with the Index

The US Innovative Leaders 5 Index levels are based on the values of synthetic assets and liabilities.

The US Innovative Leaders 5 Index only calculates the exposure to a dynamic, hypothetical portfolio that tracks the excess returns of the underlying components and is purely synthetic. There is no actual portfolio of assets to which any person makes any investment or has any ownership interest.

No recommendation.

BNP Paribas makes no recommendation as to the suitability for investment of the US Innovative Leaders 5 Index or any products or strategies based partly or wholly on US Innovative Leaders 5 Index. You should reach a decision after careful consideration with your advisors.

Strategies relying on the levels of the US Innovative Leaders 5 Index may not be successful.

There is a risk that the rules-based methodology of the US Innovative Leaders 5 Index does not meet its stated objectives, including meeting its annualized target volatility of 5%, resulting in underperformance of the components that comprise the Index.

Correlation of performances among the underlying components may reduce the levels of the US Innovative Leaders 5 Index.

Performances among the underlying components may become highly correlated from time to time. High correlation during periods of negative returns among underlying components representing any one sector or asset type that have a substantial weighting in the US Innovative Leaders 5 Index could have a material adverse effect on the levels of the US Innovative Leaders 5 Index, which could in turn negatively affect the performance any product or strategy based partly or wholly on the levels of the US Innovative Leaders 5 Index.

Legal and regulatory regimes may affect the US Innovative Leaders 5 Index, its components or its sub-components.

The US Innovative Leaders 5 Index and its components (and sub-components thereof) are subject to legal and regulatory regimes in various regions and, in some cases, in other countries that may change in ways that could negatively affect the US Innovative Leaders 5 Index or its components (or sub-components thereof). Changes to the applicable legal or regulatory regimes may have a negative impact on the US Innovative Leaders 5 Index level. The components (or sub-components thereof) of the Index that are traded on one or more public exchanges are subject to the rules of the relevant exchange.

The US Innovative Leaders 5 Index has limited historical information.

The US Innovative Leaders 5 Index is launched on January 28th, 2020. The performance shown before that date is hypothetical past performance, based on hypothetical back-tested information. This brochure also contains certain performance data based on back-testing, i.e., calculations of the hypothetical levels of the US Innovative Leaders 5 Index as if it had actually existed during a defined period of time, and may in certain circumstances contain simulated performance levels where the US Innovative Leaders 5 Index has recently been established or issued. For time periods prior to the launch of any component included in the Index, back-testing uses alternative performance information derived from a proxy with similar asset exposure, rather than performance information for the relevant component. Further, one must note that such analysis is based on a number of working assumptions that may not be capable of duplication in actual trading terms. Unlike actual performance records, hypothetical or simulated performances, returns or scenarios may not necessarily reflect certain market factors such as liquidity constraints, fees and transaction costs and must be considered as illustrative only. Actual historical or back-tested past performance does not constitute an indication of future results. The actual performance of the US Innovative Leaders 5 Index may bear little relation to its hypothetical historical results.

The US Innovative Leaders 5 Index has limited public information.

The US Innovative Leaders 5 Index is a custom Index developed by BNP Paribas, the Index Sponsor. There is limited information relating to the US Innovative Leaders 5 Index that is publicly available. In addition, publicly available information on the US Innovative Leaders 5 Index, its methodology and its components is limited.

The US Innovative Leaders 5 Index's daily volatility control mechanism may result in a lower Index level and the actual volatility of the US Innovative Leaders 5 Index may not equal its target volatility.

The US Innovative Leaders 5 Index's daily volatility control allows the US Innovative Leaders 5 Index to dynamically adjust the value of the hypothetical exposure to the portfolio the Index is based on, 10-Year US Treasuries and any cash component, depending on the volatility environment. However, the risk control overlay might limit overall levels of the US Innovative Leaders 5 Index in rising equity markets and may provide imperfect, limited protection in falling equity markets, particularly against sudden, large equity losses. No assurance can be given that the US Innovative Leaders 5 Index methodology will achieve its target volatility goals or that products or strategies based partly or wholly on the levels of the US Innovative Leaders 5 Index will outperform any alternative investment.

The closing levels of the US Innovative Leaders 5 Index will include the deduction of an Annual Fee.

The closing level of the US Innovative Leaders 5 Index includes a deduction from the aggregate values of its components of an annual fee equal to 0.50% per annum. As a result of this deduction, the value of the US Innovative Leaders 5 Index will trail the value of a hypothetical identical portfolio from which no such amount is deducted.

The closing level of the US Innovative Leaders 5 Index is net of BNP Paribas' replication and rebalancing costs.

The Closing Level of the US Innovative Leaders 5 Index is net of BNP Paribas' replication and rebalancing costs associated with the Index. As a result of these costs, the value of the US Innovative Leaders 5 Index could trail the value of a hypothetical identical portfolio from which no such amount is deducted.

The US Innovative Leaders 5 Index is an excess return Index.

In general, returns from investing in futures contracts are derived from three sources: (1) changes in the price of such futures contracts (known as the "price return"), (2) profit or loss realized when rolling from a futures contract with one expiry date to another futures contract with a different, generally later, expiry date (known as the "roll return") and (3) interest earned on the cash (or other) collateral deposited in connection with the purchase of such futures contract (known as the "collateral return"). The components of the US Innovative Leaders 5 Index that seek to track futures contracts generate "excess returns", meaning the sum of the price return and roll return with respect to the underlying components. As a result, with respect to the US Innovative Leaders 5 Index's underlying components that seek to track futures contracts, an investment in an instrument linked to the US Innovative Leaders 5 Index will not generate the same returns that would be obtained from investing directly in future contracts that underlie such underlying components because the collateral return is not used in calculating the "excess return" Index.

BNP Paribas Arbitrage SNC, an affiliate of the US Innovative Leaders 5 Index Sponsor, BNP Paribas, is the Index's calculation agent who is responsible for calculating the levels of the US Innovative Leaders 5 Index.

The policies and calculations for which the calculation agent is responsible could have an impact, positive or negative, on the level of the US Innovative Leaders 5 Index. BNP Paribas and its affiliates are under no obligation to consider your interest as an investor in a product linked to the US Innovative Leaders 5 Index.

Portions of the US Innovative Leaders 5 Index may be effectively uninvested and earn no return.

The US Innovative Leaders 5 Index, on each day on which it is calculated, adjusts its exposure to its components in an attempt to maintain an annualized volatility of 5%. If the aggregate weight of the components is less than 100%, the US Innovative Leaders 5 Index will allocate exposure to a hypothetical cash position and/or a hypothetical position in 10-Year US Treasuries. As a result, the US Innovative Leaders 5 Index may underperform a similar index that provides 100% exposure to its components. The hypothetical cash position is an uninvested position that does not earn interest or any other return.

The US Innovative Leaders 5 Index 's target volatility feature may reduce its appreciation potential.

Under normal circumstances, equity or commodity futures may exhibit significantly higher volatility than the target volatility of 5%. Accordingly, the "volatility control" mechanism of the US Innovative Leaders 5 Index may have the effect of skewing allocations among components in the US Innovative Leaders 5 Index toward components that provide exposure to fixed-income assets (which typically have lower volatility than components that provide exposure to equity or commodity futures) or to cash (which has zero volatility). Index components that typically have lower volatility may have lower return potential than components that typically have higher volatility, and any allocation to cash will earn no return at all.

Moreover, if the US Innovative Leaders 5 Index has a relatively high allocation to components that provide exposure to fixed-income assets, it will be particularly sensitive to factors that adversely affect the value of fixed-income instruments, such as increases in interest rates or declining perceptions of credit quality. A high allocation to components that provide exposure to fixed-income assets may also cause the US Innovative Leaders 5 Index to underperform a portfolio more heavily weighted with higher volatility assets under certain circumstances. For example, in an equity bull market that is accompanied by rising interest rates, a portfolio heavily weighted with components that provide exposure to fixed-income assets might decline in value as a result of the rising interest rates, while a portfolio heavily weighted with components that provide exposure to equities would appreciate in value.

Selected Risks and Considerations Associated with the Index

Equity Securities may be subject to exclusion.

Certain criteria are systematically applied to the US Innovative Leaders 5 Index to exclude to determine eligibility of equity securities as Index Components. Criteria are based on corporate social responsibility principles and economic and trade sanctions. Application of these criteria may result in the exclusion of certain equity securities as Index Components. Data used to determine eligibility may be derived from one or more public sources or other sources deemed necessary or appropriate by the Index Sponsor. The exclusion of certain equity securities may have an unintended positive or negative impact on the performance of the US Innovative Leaders 5 Index. None of the BNPP Entities shall have any liability for the application of such criteria or any inaccuracies in such data or relevant information provided by third parties and shall not be responsible for any inaccuracies or errors in the Index Level resulting therefrom. Additional information regarding the relevant criteria is available from the Index Sponsor upon request.

Third Party Data Providers

Certain calculations or determinations related to the US Innovative Leaders 5 Index or the Index Components are made by the Index Calculation Agent based on proprietary data, commentary, opinions or other information provided by one or more third party sources. Any such data, commentary, opinions or other information may have an indirect and unintended positive or negative impact on the US Innovative Leaders 5 Index. The Index Sponsor and/or the Index Calculation Agent receives such data or information subject to an agreement with the relevant provider, subject to certain restrictions, and may pay a fee for such data. The Index Sponsor and the Index Calculation Agent may be restricted from providing the data or information to any other person, are under no obligation to do so.

The US Innovative Leaders 5 Index is subject to interest rate risk.

As interest rates rise, the value of a fixed-income security generally tends to decline. Securities with longer durations tend to be more sensitive to interest rate changes, usually making their prices more volatile than those of securities with shorter durations. To the extent the US Innovative Leaders 5 Index is comprised of government debt securities with longer-term durations, rising interest rates may cause the Index Level to decline significantly. An increase in interest rates may lead to heightened volatility in the fixed-income markets and adversely affect the liquidity of government debt securities.

The US Innovative Leaders 5 Index is subject to significant risks associated with futures contracts

Certain Index Components of the US Innovative Leaders 5 Index are futures contracts. The return of a futures contract depends on the price of the underlying asset referenced by the futures contract and a range of other factors, including, but not limited to, changing supply and demand relationships, interest rates, governmental and regulatory policies and policies of the exchanges on which futures contracts trade. The futures markets are subject to temporary distortions or other disruptions due to various factors, including the lack of liquidity in the markets, the participation of speculators and government regulation and intervention. These and other factors can cause the prices of futures contracts to be volatile, which could have an adverse effect on the US Innovative Leaders 5 Index.

Negative Roll Returns Associated with Futures Contracts may Adversely Affect the Performance of the US Innovative Leaders 5 Index

Futures contracts, by their terms, have stated expirations. As futures contracts approach expiration, they are synthetically replaced by a futures contract with a later expiration. Excluding other considerations, if prices are higher in the distant expiration or delivery months than in the nearer expiration or delivery months, the notional purchase of the futures contract with the later expiration date would take place at a price that is higher than the price of the futures contract that is expiring, thereby creating a negative "roll return." Negative roll returns may have a negative effect on the US Innovative Leaders 5 Index. Because of the potential effects of negative roll returns, it is possible for the US Innovative Leaders 5 Index to decrease over time, even when the near-term or spot price of the underlying futures contract(s) is stable or increasing.

Certain Index Components Are Subject To Risks Associated With Government-Issued Debt Securities

Certain Index Components are comprised of futures contracts debt securities issued by governments of one or more countries. There are risks associated with the markets in such debt securities which may be influenced by a number of factors, particularly the yields on these instruments as compared to current market interest rates and the actual or perceived credit quality of the government issuing the underlying debt securities. Any perceived decline in the creditworthiness of a government that issues securities as a result of a credit rating downgrade or otherwise, may cause the yield on the relevant securities to increase and the prices of such securities to fall, perhaps significantly, and may cause increased volatility in local or global credit markets. Any such change may adversely impact the level of the relevant Index Components and the US Innovative Leaders 5 Index.

Other Key Risks:

- The US Innovative Leaders 5 Index involves daily rebalancing that is applied to the components. Changes in the value of the components may offset each other.
- BNP Paribas is the sponsor of the Equity Index and Bond Futures Index that underlie the US Innovative Leaders 5 Index.

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