

Harnessing the power of global *megatrends*

Thematic investing



Table of contents

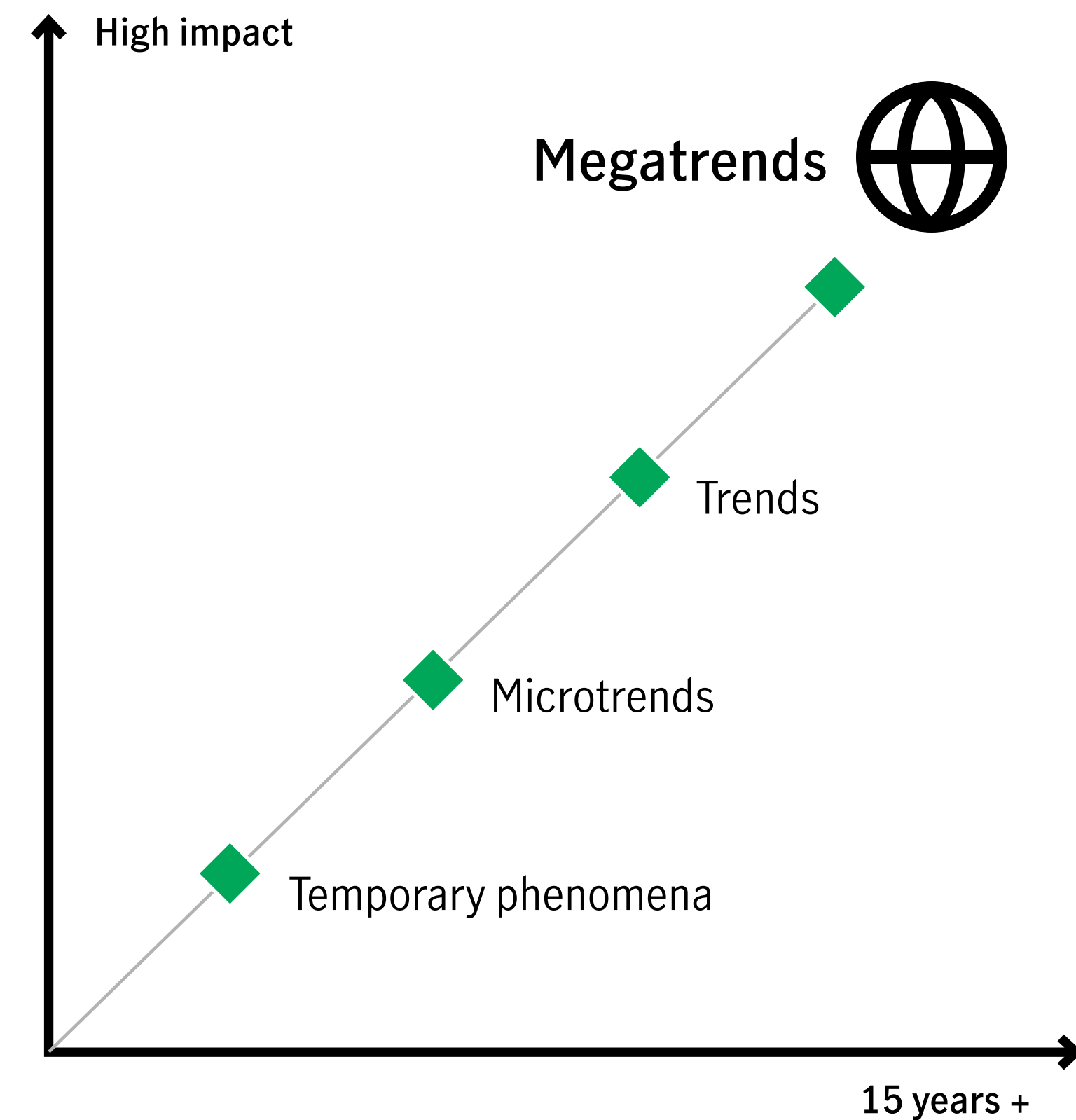
What is *thematic* investing?

Investing in global equities using a thematic approach is very different from traditional investment styles. Portfolio managers of thematic investing funds **identify themes underpinned by secular megatrends** set to structurally change the way we live, how society operates, and how business gets done. Stocks representing different themes are selected based on how well the managers believe those stocks are positioned for the future as it's redefined by these deep structural changes.

Megatrends play out over *decades*

Megatrends are powerful forces that transform the future of our world and the global investment landscape. They range from technological paradigm shifts such as the network economy to long-term changes in global demographics.

Megatrends are subject to change over time.



Current megatrends

Pictet Asset Management is a pioneer in thematic investing and a firm that John Hancock Investment Management has selected to manage thematic funds as part of our network of specialized asset managers. Pictet has identified **14 megatrends**, each of which it believes may drive future investment opportunities.

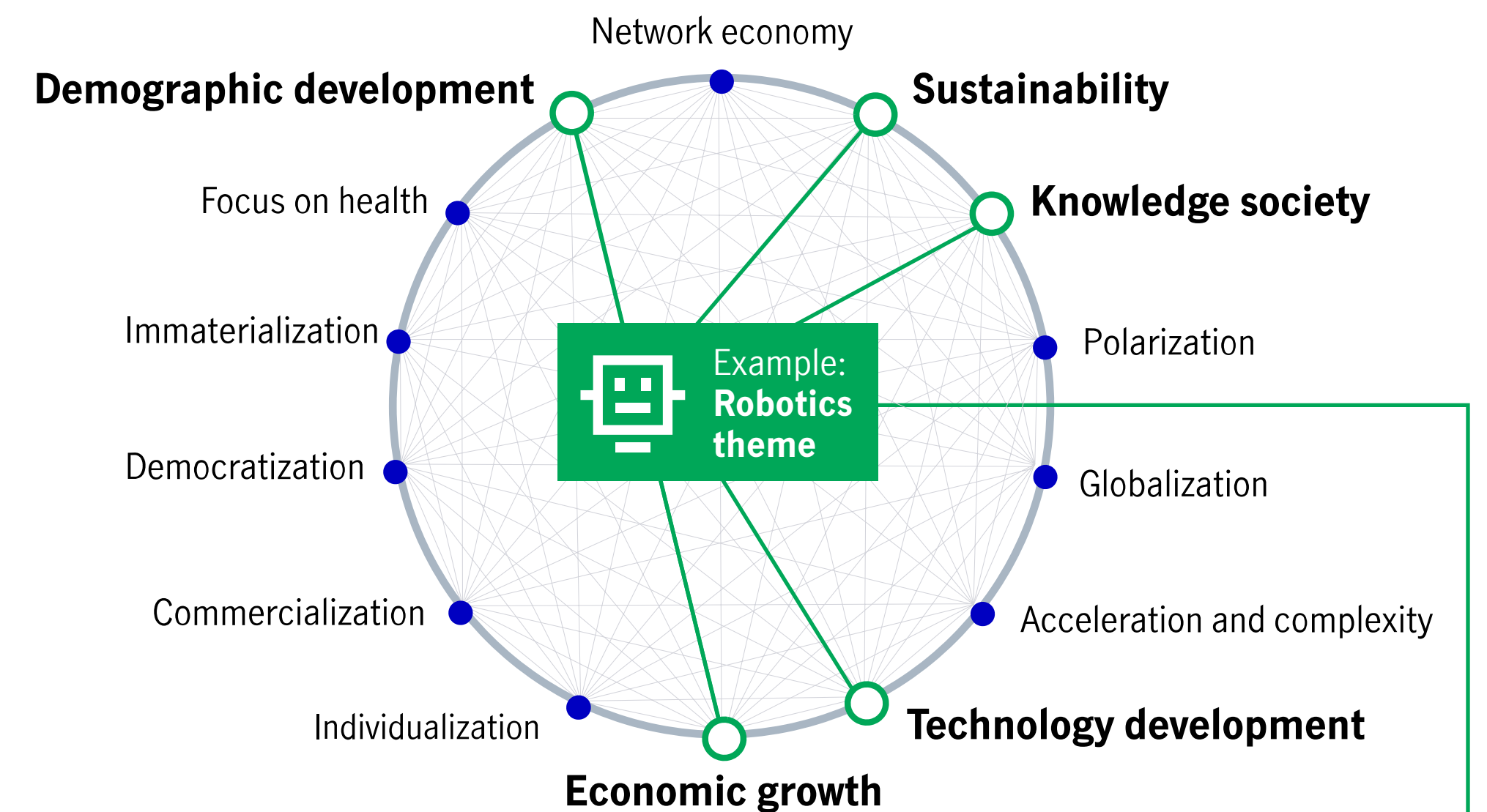
1	Network economy	The increasing connectedness of business processes and economic activity, enabling the transfer of knowledge and goods directly from provider to receiver	8	Economic growth	The increase in the world's capacity to produce goods and services
2	Sustainability	The ability to meet current needs without compromising the ability of future generations to meet theirs	9	Individualization	The evolution of a society once characterized by collective norms to one in which freedom of choice and the expression of one's individuality are more dominant
3	Knowledge society	Knowledge is becoming an economic resource in the way raw materials, labor, and capital have traditionally been as society transitions from the industrial age to the information age	10	Commercialization	The process of increasing the efficiency of a sector by transforming it into a commercial business
4	Immaterialization	Consumers are increasingly focusing on the intangible qualities of products and services, such as their ethical or aesthetic appeal, rather than their material attributes	11	Globalization	The increasing global connectedness and flow of people, capital, products, services, information, technology, and culture
5	Democratization	More power to the people—politically, economically, and culturally	12	Polarization	When extremes grow at the expense of the middle ground
6	Acceleration and complexity	The increase in the rate of technological progress over time, resulting in products having a shorter shelf life	13	Focus on health	Aging populations, rising wealth, and technological advances are making health a major source of expenditure for governments, organizations, and individuals across the world
7	Technology development	The application of science and knowledge to commercial or industrial processes	14	Demographic development	The widening demographic divide between countries with younger workers and those, mostly in the West, with an aging and shrinking workforce

Megatrends are subject to change over time.

Themes: investable ideas where megatrends *converge*

Thematic investing offers exposure to those companies considered most likely to maintain advantages in the future. These competitive advantages may often be found in companies that are able to leverage multiple megatrends through their business.

Consider the example of robotics, a theme that's supported by five megatrends—demographic development, sustainability, knowledge society, technology development, and economic growth.



We aim to pick out the companies **best positioned** to potentially benefit from these megatrends.

Why invest *thematically*?

Thematic investing focuses on the long term, which helps investors benefit from secular growth opportunities across a diverse range of regions, industries, and companies. In this way, it offers several key benefits to investors.



Alpha generation for the long term

With a portfolio of stocks that are leveraged to megatrends, thematic investing may offer exposure to future generations of market leaders.



Underappreciated value opportunities

Investing in stocks that are well positioned to benefit from long-term secular growth trends may mean focusing on opportunities whose value has yet to be captured by the market.



Portfolio diversification

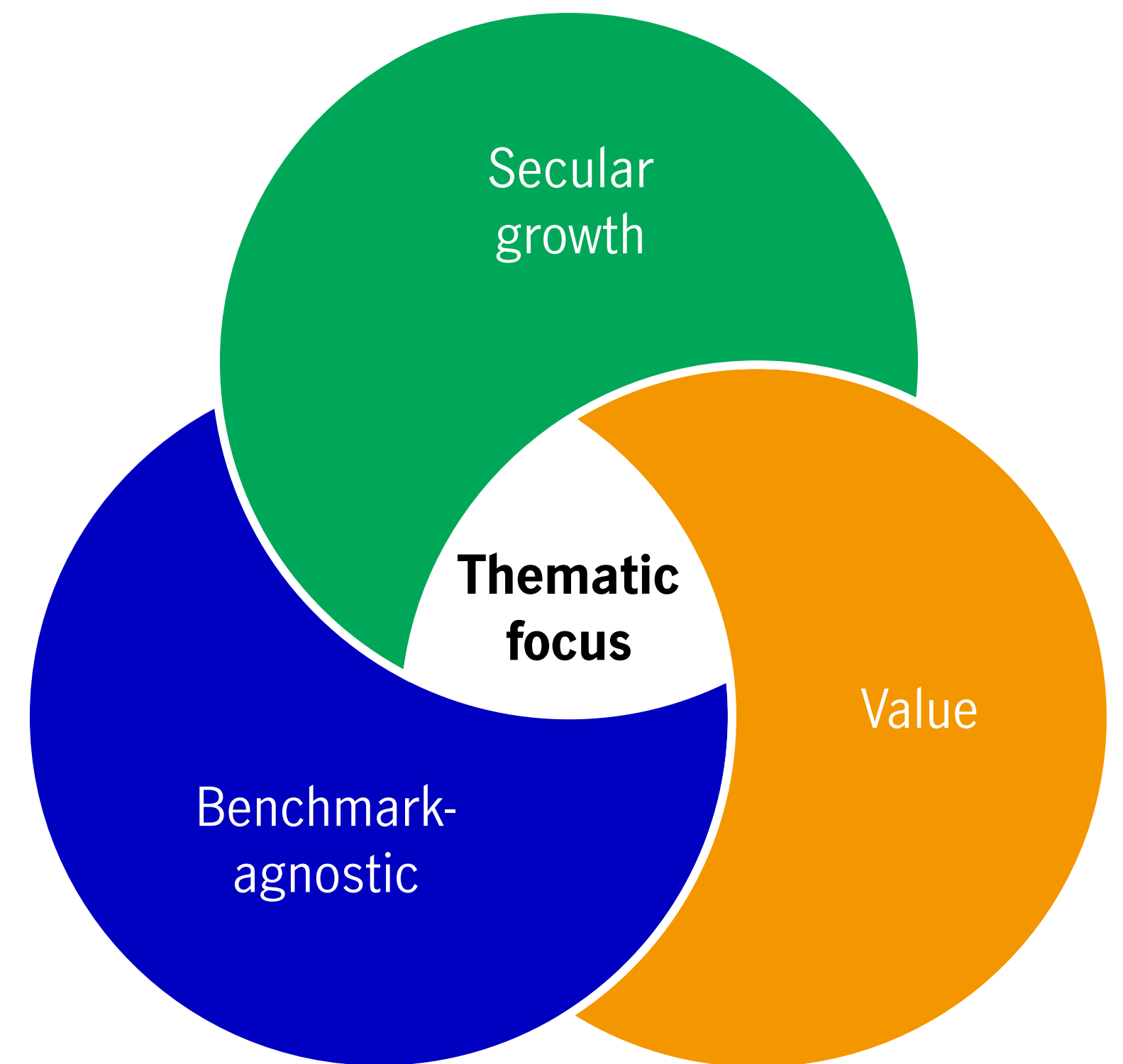
Thematic investment strategies can cross traditional equity investing boundaries, including sectors and geographies. By being benchmark-agnostic and conviction-weighted, thematic strategies may have low overlap with global equity indexes.

Diversification does not guarantee a profit or eliminate the risk of a loss. Ask your financial professional whether thematic investing would be an appropriate addition to your portfolio.

Why Pictet Asset Management?

Thematic investing expertise

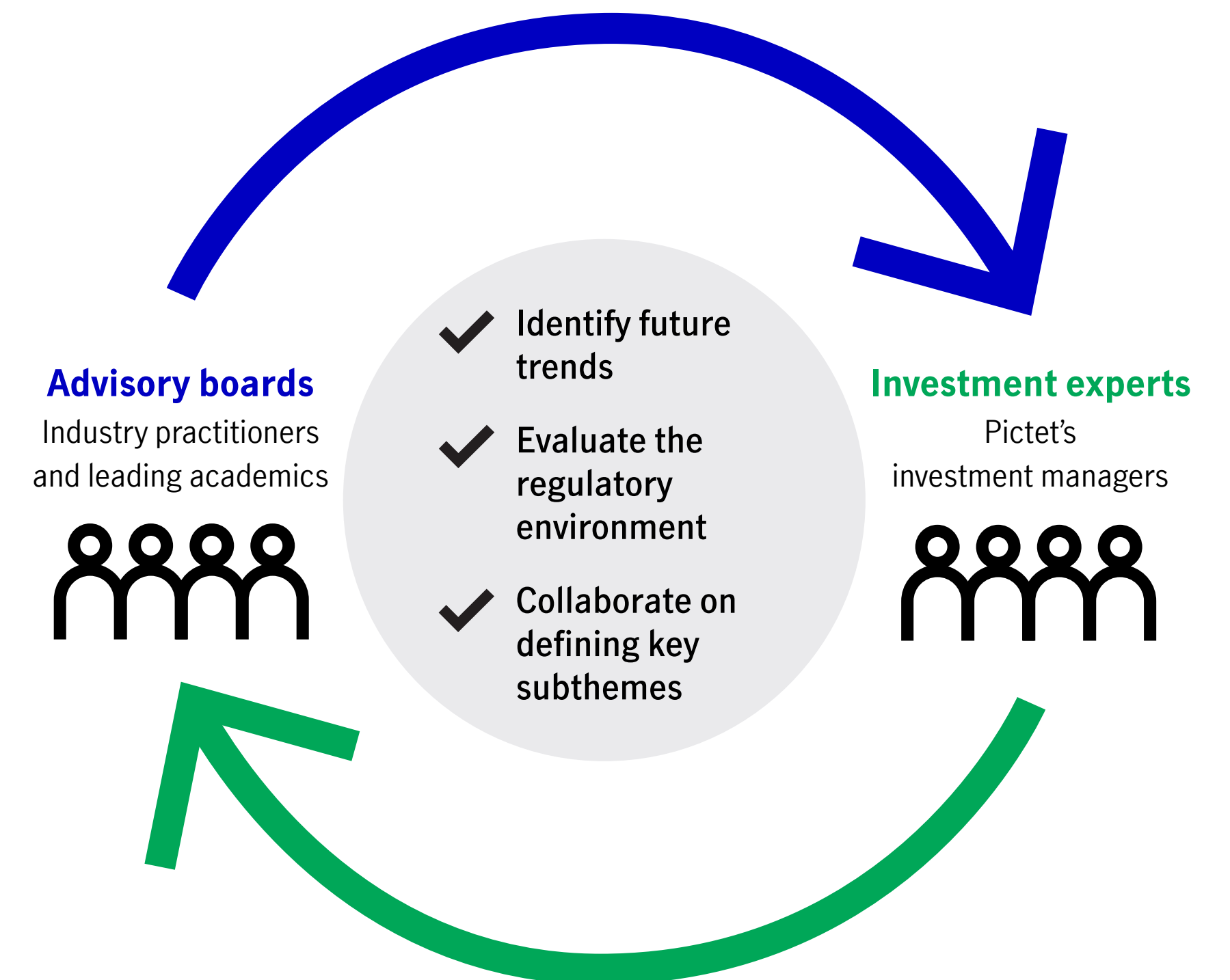
Pictet has been a pioneer in thematic investing for more than 25 years. Based in Geneva, Switzerland, Pictet is recognized as one of the largest thematic investors, as it provides thematic solutions to some of the world's largest and most sophisticated investors. With John Hancock Global Thematic Opportunities Fund and John Hancock Global Environmental Opportunities Fund, we bring Pictet's institutional market leadership and innovative thematic approach to the individual U.S.-based investor. Pictet's deep expertise in thematic investing enables the firm to manage specialized strategies focusing on individual themes as well as broader strategies encompassing multiple themes.



Combining investment and advisory *expertise*

Each theme reflected in these funds is supported by a team of investment experts. They're neither generalists nor order-takers but seasoned specialists who've come to know their themes and related industries over many years and market cycles.

These teams work in collaboration with megatrend experts, a distinguished group of industry practitioners and academics who've developed a deep understanding of the structural trends transforming our world.



About

Pictet Asset Management

Pictet Asset Management is an independent asset manager, overseeing **over US\$258 billion** as of March 31, 2021, with nearly one-third of that total managed by the firm's thematic team. Pictet provides specialist investment services through segregated accounts and investment funds to some of the world's largest pension funds, financial institutions, sovereign wealth funds, intermediaries, and their clients.



“From the 1990s onward, our **innovative thematic equity strategies** have looked beyond benchmarks to offer investors the opportunity to capitalize on the most powerful trends shaping our world.”

—Pictet Asset Management



1980

The year that Pictet Asset Management was created as the dedicated asset management entity of Pictet Group

1,000+

employees; more than one-third investment professionals

45

investment professionals on the thematic team

\$77B

in assets managed by the thematic team, as of 3/31/21





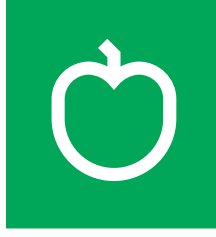
Our *thematic* funds

1 John Hancock Global Thematic Opportunities Fund

13 themes in a single portfolio

A rigorous approach is required to identify and prioritize investable themes that occupy the intersections of multiple megatrends. Pictet has identified a series of **13 investable themes** from which the portfolio managers select among the best ideas for the fund.

13 investable themes

	Biotech	Harness the power of medical innovation
	Clean energy	Join the transition to a lower-carbon economy
	Digital	Put the digital revolution to work in your portfolio
	Global environmental opportunities	Harness growth opportunities while safeguarding the environment
	Health	Support solutions that improve people's quality of life
	Human	Help people live more fulfilling lives
	Nutrition	Help prevent and cure disease

	Premium brands	Share in the potential growth of the global aspirational brands market
	Robotics	Discover the next frontier of technological achievement
	Security	Support the solutions that create a safer world
	Smart city	Harness the investment potential of sustainable, better-connected cities of tomorrow
	Timber	One of the world's most environmentally friendly, renewable resources
	Water	Water is an essential natural resource—and demand is rapidly rising

John Hancock Global Thematic Opportunities Fund

A: JTKAX C: JTKCX I: JTKIX R6: JTKRX

Objective: Seek growth through capital appreciation by investing mainly in equities of companies that may benefit from global long-term market themes

Use for: Unconstrained global holding

Strategy:

Focused exposure

Benchmark-agnostic investment approach focused on highest-conviction global equities

A thematic approach

Seeks to invest in themes supported by megatrends—large social, economic, political, environmental, and technological changes

Dedicated expertise

Each investment theme supported by a team of analysts as well as input from leading academics and industry experts

Class I net expense ratio (what you pay)¹: 0.94%

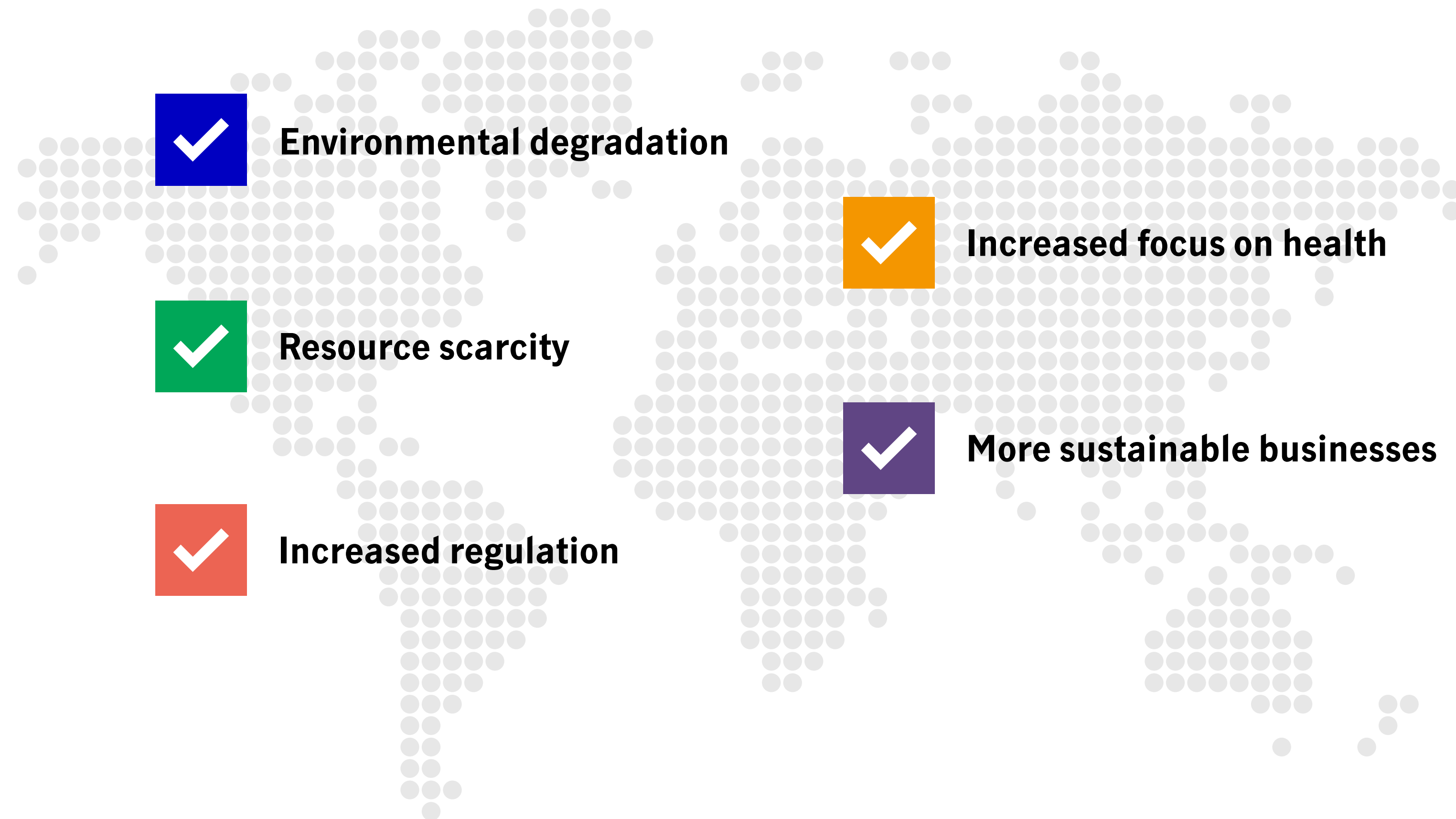
¹ Contractual through 2/28/2022, and subject to change.

2 John Hancock Global Environmental Opportunities Fund

Targeted exposure to a single enduring theme

The fund invests in some of the world's most environmentally responsible companies—those providing products or services that help solve environmental challenges such as **climate change**, **air pollution**, and a **lack of clean water**. The global momentum toward a more sustainable future means that these companies are expected to benefit from substantial growth potential in the years to come.

Key drivers behind the environmental theme's *growth* potential



John Hancock Global Environmental Opportunities Fund

A: JABZX **C:** JABYX **I:** JABVX **R6:** JACDX

Objective: Seek growth through capital appreciation by investing primarily in environmental companies²

Use for: Unconstrained global holding

Strategy:

An environmental thematic approach

Seeks to invest in companies providing solutions or technologies designed to address pressing environmental challenges

Dedicated expertise

The fund is supported by a team of analysts as well as input from academics and industry experts

Focused exposure

Benchmark-agnostic investment approach focused on highest-conviction global equities

Class I net expense ratio (what you pay)¹: 0.95%

¹ Contractual through 2/28/2023, and subject to change. ² Environmental companies are defined by the firm as companies that both operate within the Planetary Boundaries framework (PB framework), and have business activities all or a portion of which reduce stress in at least one of the boundaries in the PB framework.

A trusted brand

John Hancock Investment Management is a premier asset manager with a heritage of financial stewardship dating back to 1862. Helping our shareholders pursue their financial goals is at the core of everything we do. It's why we support the role of professional financial advice and operate with the highest standards of conduct and integrity.

A better way to invest

We serve investors globally through a unique multimanager approach: We search the world to find proven portfolio teams with specialized expertise for every strategy we offer, then we apply robust investment oversight to ensure they continue to meet our uncompromising standards and serve the best interests of our shareholders.

Results for investors

Our unique approach to asset management enables us to provide a diverse set of investments backed by some of the world's best managers, along with strong risk-adjusted returns across asset classes.

"A trusted brand" is based on a survey of 6,651 respondents conducted by Medallia between 3/18/20 and 5/13/20.

John Hancock Global Environmental Opportunities Fund risk: Thematic investing involves the risk that long-term market themes are incorrectly identified or that the securities chosen to represent those themes underperform. The fund's ESG policy could cause it to perform differently than, including underperforming, similar funds that do not have such a policy. Environmental focused investing involves the risk that a fund's environmental criteria may limit the available investments compared with funds with no such criteria. Under certain economic conditions, this could cause the fund to underperform funds that invest in a broader array of investments. Foreign investing, especially in emerging markets, has additional risks, such as currency and market volatility and political and social instability, and illiquid securities may be difficult to sell at a price approximating their value. The stock prices of midsize and small companies can change more frequently and dramatically than those of large companies, and illiquid securities may be more difficult to sell at a price approximating their value. Liquidity—the extent to which a security may be sold or a derivative position closed without negatively affecting its market value, if at all—may be impaired by reduced trading volume, heightened volatility, rising interest rates, and other market conditions. Please see the fund's prospectus for additional risks.

John Hancock Global Thematic Opportunities Fund risk: Thematic investing involves the risk that long-term market themes are incorrectly identified or that the securities chosen to represent those themes underperform. Foreign investing, especially in emerging markets, has additional risks, such as currency and market volatility and political and social instability. ADRs, GDRs, and EDRs (American Depositary Receipts, Global Depositary Receipts, and European Depositary Receipts) may carry those same risks because the value of a depositary receipt is dependent upon the market price of the underlying foreign equity security. The use of hedging and derivatives could produce disproportionate gains or losses and may increase costs. Owning an ETF generally reflects the risks of owning the underlying securities it is designed to track. REITs may decline in value, just like direct ownership of real estate. The price of equity securities may decline due to changes in a company's financial condition or overall market conditions. Liquidity—the extent to which a security may be sold or a derivative position closed without negatively affecting its market value, if at all—may be impaired by reduced trading volume, heightened volatility, rising interest rates, and other market conditions. Please see the fund's prospectus for additional risks.

Request a prospectus or summary prospectus from your financial professional, by visiting jhinvestments.com, or by calling us at 800-225-5291. The prospectus includes investment objectives, risks, fees, expenses, and other information that you should consider carefully before investing.

 Investment Management

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