INVESTMENT MANAGEMENT

India's Private Market: A Story of Growth and Opportunity in Asia's Economic Landscape



PRIVATE EQUITY INDIA TEAM | November 2025

"Very consistent GDP growth, stable government, interesting demography, an incredible population explosion, and the rising middle class are the things we love about India ... So as a destination for investing, we have a significant appetite for more."

- Chairman of a top international alternatives investor

NIRAV MEHTA

Managing Director Co-head of Private Equity Asia ex-China

ARJUN SAIGAL

Managing Director Co-head of Private Equity Asia ex-China

Key Takeaways

- India is in the early stages of a powerful social revolution that can sustain robust economic growth for the next decade and beyond
- India has achieved macroeconomic stability in a global investing environment that has become more exposed to geopolitical uncertainty
- India has established an ever-deepening pool of domestic risk capital that has allowed entrepreneurial ventures to develop and Unicorns to flourish
- PE middle market investing may provide a less expensive way to participate in the India growth story

Overview

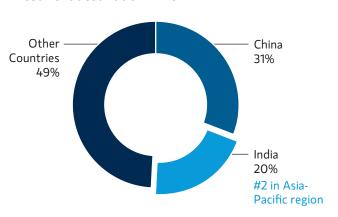
India has emerged as one of the more exciting opportunities for international growth investors. This has occurred during a period of converging economic and capital markets leadership in Asia. China, once a dominant constituent of the MSCI Emerging Index, has fallen to a 29% index weighting from 43% five years ago. India's share, meanwhile, has more than doubled to 16% from 8% during the same span (*Display 1*). A similar shift has occurred in private markets. In 2024, India ranked second among all Asian countries with a 20% share of PE/VC investment (*Display 2*), closing the gap with China by a full 20 percentage points since 2020.¹

DISPLAY 1
India closing the gap with China in the MSCI Emerging
Market Index (%)



Source: MSCI. As of October 1, 2025.

DISPLAY 2
India was Asia-Pacific's second-largest PE/VC investment destination in 2024



Sources: Bain & Company; PitchBook; Venture Intelligence; AVCJ; VCCEdge. PE/VC investments Include real estate and infrastructure deals. As of December 31, 2024.

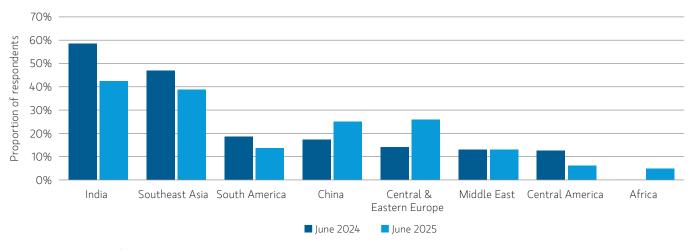
¹ Source: PitchBook

What's Driving Investors' Positive Outlook on India

India's new-found status as a rising economic power has been well documented in recent years. In 2022, India recorded the fastest GDP growth of all G20 nations at 6.9%. In 2023, India surpassed China to become the world's most populous country at 1.4 billion. And in 2024, the IMF projected that India would overtake Germany as the world's third largest economy by 2027.² These and other signposts cemented India's appeal with institutional investors. In Preqin's 2024 and 2025 survey of 450 PE investors, India repeated as the country most frequently cited as the emerging market presenting the "best opportunities" (*Display 3*).

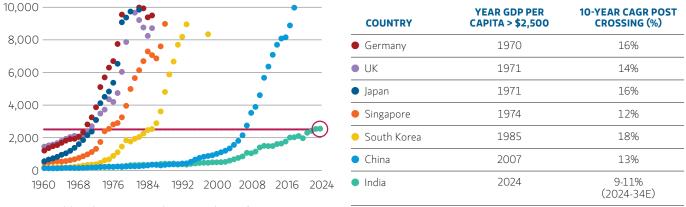
An oft-cited reason for India's strong growth outlook is the rapid build-out of a world-class digital infrastructure. With each citizen having been required to obtain a digital ID since 2010, India now leads the world in digital payments and a cheap, fast mobile network at massive scale. As a result, we believe that India's infrastructure is further along than where China's was in 2007. That was the year China achieved lift off, growing exponentially over the next two decades. That was also the year that China's GDP per capita crossed the \$2,500 threshold, exactly where India is today. We believe that this level of GDP per capita represents a major inflection point for India, as it was for China and other economies (Display 4).

DISPLAY 3
Institutional investor survey responses of emerging PE markets offering the "best opportunities"



Source: Preqin. 2024 and 2025 surveys.

DISPLAY 4
India has reached an "Inflection point" in its growth curve at \$2,500 GDP per capita



Sources: World Bank, Morgan Stanley Research. As of June 30, 2024.

² Source: IMF April 2024 Outlook

Another strong rationale given for India's compelling growth prospects relates to the sheer size and young age of its working population. India is expected to contribute disproportionately to global growth and output over the next decade, almost mirroring what China achieved in the decade prior. In the 10 years ending 2023, China's contribution to world GDP growth increased from 16% to 30% and its share of output rose from 12% to 16%. By comparison, India accounts for 20% of global growth presently, and we believe that has scope to increase further. Between now and 2034, India is expected to contribute 21% of the net growth in the world's working age population. Meanwhile, many large and aging workforces in other countries—notably China and in Europe—are expected to contract (*Display 5*).

These well-known structural forces are what underpin India's growth story. In addition, we believe there are less understood, but equally significant factors at work that can sustain India's momentum for longer than what investors generally expect or appreciate.

India's social revolution

A powerful social revolution is under way in India, unleashing forces that can support highly visible and durable growth for the foreseeable future.

According to the World Bank, India's extreme poverty rate plummeted to 2.3% from 16.2% in the 10 years ending 2023, lifting 171 million people out of that condition. An even greater number, estimated at 378 million people, migrated out of all impoverished classes and into the lower middle class.

DISPLAY 5

Among countries, India will lead in net new additions to the global workforce through 2034

Working Age Population as of 2024 (M)

Additions to Working Age Population (M)

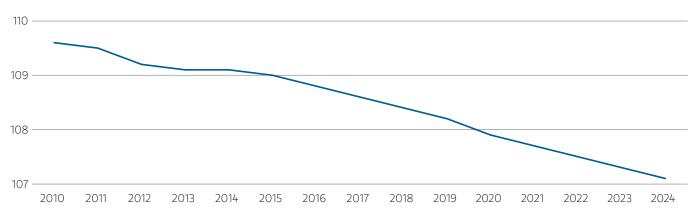
World	5,312						450 (100%)	
Africa	867				256 (57%)		
ROW	849			119 (26%)				
India	990			96 (21%)				
LATAM	449			25 (6%)				
Indonesia	193		1	4 (3%)				
Rest of AJX	205		5	(1%)				
US	224		4	(1%)				
Japan	73	(-1%)) -6					
Europe	478	(-5%) -2°	1					
China	984	(-9%) -42						
		-100	0	100	200	300	400	500

Sources: United Nations, Morgan Stanley Research. As of December 31, 2024.

In the context of that success, two dynamics have played an important role in accelerating India's pace of economic progress and wealth creation. The first is the declining rate of female feticide in India. At the start of the last decade, long-held social norms still prevailed which actively discouraged giving birth to female babies. This resulted in an unnaturally high and imbalanced ratio of nearly 110 males for every 100 females born. By undertaking serious policy and enforcement actions on clinics that institutionalized this practice, India has achieved a remarkable turnaround in this trend, and the ratio is now quickly approaching the biological norm of 105 (Display 6).

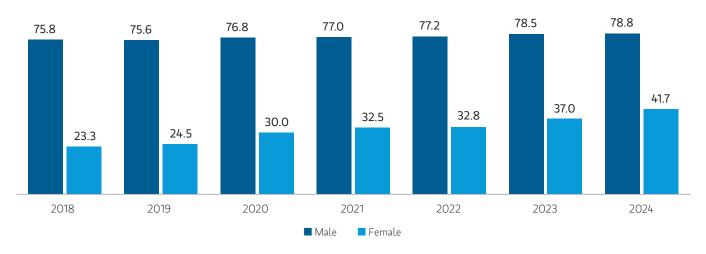
A second powerful social change, partly related to the first, is India's rising female workforce participation rate. Fertility rates have collapsed in India from just over 3.0 to below 2.0 during the last 20 years, removing a major barrier to females entering the workforce. Like the U.S. in the 1960s, history has shown that when female participation in the workforce inflects upward, it usually sets the stage for a multi-decade period of rising economic output and productivity gains. As this trend has only been discernible in India since 2018, preceded by a decade of rising female births, we believe it has a decade or more to run based on precedents in the U.S. and other geographies (*Display 7*).





Source: United Nations Population Division. As of December 31, 2024.

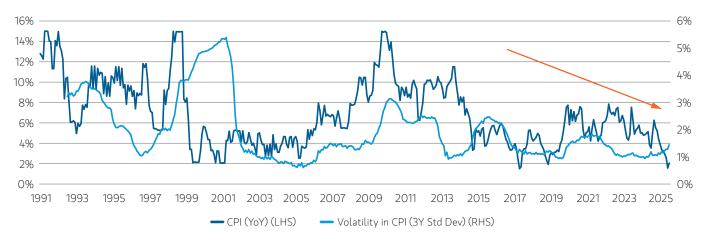
DISPLAY 7
Workforce participation rate by gender (%)



Source: Government of India, Ministry of Statistics (MOSPI). As of September 23, 2024.

DISPLAY 8

Lower inflation and reduced inflation volatility since 2015



Sources: MOSPI, Morgan Stanley Research. As of September 30, 2025.

India's macro stability

India has built a strong record of macro-stability over the past 10 years that is unique among other emerging markets and compares favorably to many developed markets as well. It began in 2015 when the Reserve Bank of India (RBI) was tasked with a strict legal mandate to bring inflation under control. Not only were they effective in doing so, but they reduced its volatility in the process. India now has one of the lowest inflation volatility rates in the world (*Display 8*), which has further translated into more stable growth and interest rates. A more stable macroeconomic backdrop has led to lower risk premia and higher prices paid for India's public equities relative to other global markets with less certain growth and higher inflation volatility.

A deepening pool of risk capital and entrepreneurial culture

A third very powerful and underappreciated change is how rapidly India has developed its own pool of domestic risk capital. Drawing a parallel again to the U.S., it is very similar to the early 1980s when 401(k) plans allowed individuals to directly contribute and invest retirement savings in options that included equity mutual funds and

company stock. Similarly, in 2015, the Indian government began to lift the caps on equity investing in retirement plans, which ranged between 15% and 50% depending on the scheme. Since then, Indian households have been steadily increasing equity ownership, going from 3% to 7% of total assets. Monthly inflows of approximately \$3 billion into systematic investment plans (SIPs) have stabilized equity markets, reduced volatility from foreign flows, and created a more predictable funding base for IPOs and PE-backed listings. The number of digital demat (dematerialized) accounts for holding financial assets has risen fivefold since FY20, and mutual fund penetration, while still low at 4% of the population, is projected to rise to 15% by 2047—further deepening domestic participation. This ongoing financialization has made India's capital markets more resilient and has provided private equity investors a steady exit channel through a growing number of public listings.

India now has a domestic pool of risk capital that did not exist before, and that has aided private markets. Entrepreneurs have been able to operate with less reliance on foreign flows and offshore capital market cycles. The impact has been significant. In recent years, India has seen an unprecedented surge in startups and in entrepreneurial

ventures. It is headquarters to 58 VC-backed private Unicorns, the third most of any country behind the U.S. and China. And between 2017 and 2024, India had the fastest compound growth rate in newly created Unicorns of any country (*Displays 9* and 10).

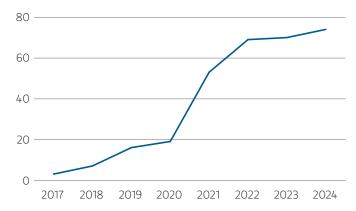
India's private markets reach scale and maturity

Private markets rely heavily on robust public markets to succeed. A strong public market investor base adds more layers of domestic capital available for private market investment. Just as critical, public markets serve as the main go-to for PE and VC sponsors attempting to exit a portfolio company, either through a public listing or

strategic sale to a public acquirer. At \$5.1 trillion in value, India now ranks as the fourth largest stock market in the world, having surpassed Hong Kong in 2024. By 2031, analysts project it will reach \$10 trillion in size and crack into the top three, providing a strong "halo" effect for private market valuations and a tailwind for exits.

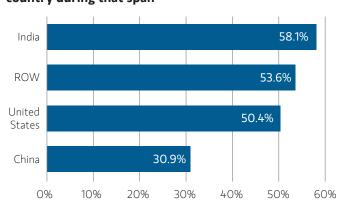
Being part of a large and fast-growing capital markets ecosystem has helped India achieve strong two-way flow in its private markets. As previously noted, India has become Asia's second largest destination for private market investing. Investment activity has remained resilient after rising nearly four-fold and peaking with other global private markets in the 2020-to-2022-time frame (Display 11).

DISPLAY 9
The number of "Unicorn" private companies has surged in India since 2017



Source: Morningstar PitchBook Unicorn Index. As of December 31, 2024.

DISPLAY 10
India had the highest Unicorn growth rate of any country during that span



Source: Morningstar PitchBook Unicorn Index. As of December 31, 2024.

DISPLAY 11
PE/VC deal activity has moderated since peaking in 2021, but remains well above pre-pandemic levels

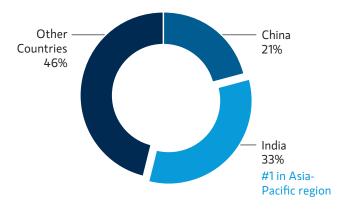


Sources: EY, ICVA, VCCEdge. Includes real estate and infrastructure. 2025 represents annualized run rate through August 31, 2025.

On the sell-side, India surpassed China in 2024 to become Asia's largest private exits market, accounting for 33% of all value (*Display 12*). And unlike buy-side dealmaking which has moderated, India's exit activity has accelerated over the last three years relative to pandemic and pre-pandemic levels (*Display 13*). That momentum has continued in 2025 with exit value on track to exceed \$36 billion, nearly equaling the 2021 peak of \$40 billion.³

This is notable given the heightened sensitivity among investors regarding the lack of exits in other regions. Private markets in the U.S. and Europe have been mired in an exits drought and extended cycle of lean distributions. India's ability to return to peak form as quickly as it has bodes well for future fundraising, as exits-related distributions are often recycled into new commitments. They can also boost fund performance, as faster harvesting of gains can help

DISPLAY 12
India overtook China in 2024 to lead all Asia-Pac countries in PE/VC exit value



Sources: AVCI, Bain & Company. Excludes real estate and exits of less than \$10 million in value. As of December 31, 2024.





Sources: EY, ICVA, VCCEdge, Morgan Stanley Investment Management. 2025 run rate based on YTD value through August 31, 2025.

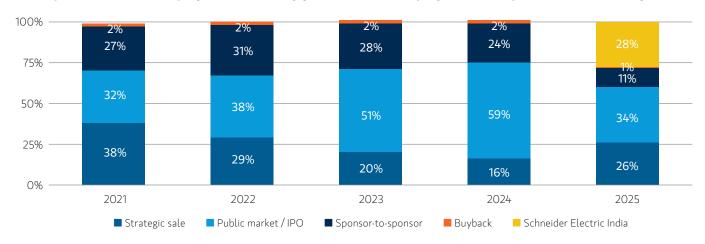
³ Source: EY IVCA data as of August 31, 2025.

increase internal rates of return. Lastly, given its scarcity, continued high levels of exit activity and relative liquidity in India's private markets can lead to increased commitments by large asset allocators and attract new capital from first time investors over time.

A key driver of India's healthy level of exits activity has been its robust IPO market. Since 2021, public listings have accounted for between 32% and 59% of total PE/VC

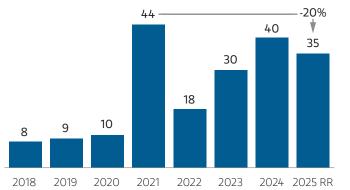
exit value in India (*Display 14*). And by count, India's PE/VC IPOs have been tracking within 10% to 20% of the 2021 peak over the last two years, in contrast to the U.S. where PE/VC- backed public listings remain at an 81% shortfall (*Display 15*). A total of 40 PE/VC-backed Indian companies went public 2024, not far removed from the U.S. total of 62 despite its much smaller size (India's PE/VC market is less than 5% of the U.S. by investment volume).

DISPLAY 14
India's public markets have played an increasingly critical role in helping PE/VC companies achieve healthy exits

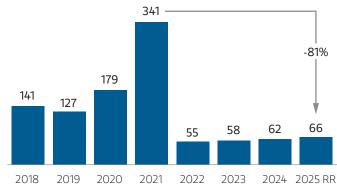


Sources: AVCI, VCCEdge, Bain & Company, EY. Includes real estate, infrastructure, and the \$6.4B pending sale of Temasek's stake in Schneider Electric India in July 2025. Non-IPO public market exits include block trades. As of August 31, 2025.

DISPLAY 15
The number of PE/VC-backed public listings in India is not far removed from that of the U.S. despite its much smaller size by invested assets



Sources: EY, IVCA, VccEdge, PitchBook. 2025 run rate based on YTD data through October 31, 2025. India companies only.



Source: PitchBook. 2025 run rate based on YTD data through October 31, 2025. US companies only.

Momentum in exit activity has partly contributed to a sharp rebound in local PE fundraising. Since 2020, investors have committed \$78 billion in capital to India-focused PE/VC funds. This includes an estimated \$19 billion in 2025 which represents a new all-time high. Fundraising in India has surged by more than three-fold from the levels seen a decade ago. Pan-Asia regional funds also target India for investment, and those funds raised more than \$100 billion for PE purposes only in 2024. The dramatic increase in Asia and India PE fundraising was even more impressive given the 25% decline in PE fundraising globally.

India's PE and middle market opportunity

Looking just at the private equity component of India's PE/VC universe, deal volumes have grown from \$3-5 billion annually in the years preceding its many free market reforms introduced in 2015, to \$20-25 billion today. That trajectory has flattened somewhat since 2021 but, like exit activity and fundraising, PE dealmaking has proven to be resilient and is building back to peak levels (*Display 17*).

The last leg of India's journey to a full-fledged PE market has been its adoption of the buy and build playbook. In

DISPLAY 16

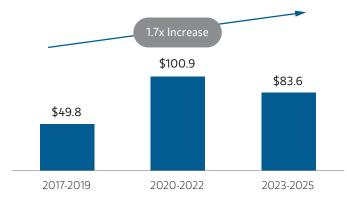
PE/VC fundraising levels for India-only funds have grown steadily over the last decade and are on track to hit a record high in 2025



Sources: EY, IVCA, VCCEdge. As of August 31, 2025.

DISPLAY 17

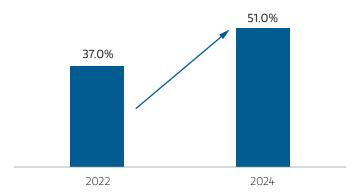
PE-only dealmaking has been resilient and remains above pre-pandemic levels



Sources: EY; IVCA; VCCEdge. As of August 31, 2025.

DISPLAY 18

Buyout/majority deals as a percentage of all PE investments



Sources: Bain & Company, Venture Intelligence, VCCEdge. Includes real estate and infrastructure. As of August 31, 2025.

⁴ Source: PitchBook

⁵ Source: PitchBook

years past, PE investing in India was more about acquiring non-control stakes in private companies and allowing the existing management teams to run their business and drive investor returns. As recently as 2022, nearly two-thirds of PE investments in India involved minority stakes, in stark contrast to the U.S. and Europe where the vast majority (~85%) are full buyouts or add-ons. In recent years, there's evidence that India PE is now making that same transition with more than half of all deals now representing full buyouts or majority deals (*Display 18*).

PE segmentation

India's PE market is now big enough to support segmentation, and that has led to a burgeoning universe of middle market companies that seek capital from PE sponsors.

The opportunity set within Indian private markets can broadly be categorized into three segments:

- VENTURE CAPITAL/EARLY GROWTH: minority investments by VC funds, family offices and HNIs, and typically below \$30 million in aggregate size. The targets tend to be early-stage companies—highly fragmented and risky but with strong potential upside.
- 2. LARGE-CAP: transactions above \$100 million, often led by global PE firms, sovereign wealth funds and pension plans. Competition for these deals tends to be highly competitive auction processes resulting in high valuations.
- 3. MID-MARKET: transactions in the \$30 to \$100 million range, where profitability, regional leadership and value-add opportunities converge. This segment can offer a superior risk-reward tradeoff, less auction-driven sourcing, and lower entry valuations, with multiple exit options including IPOs, strategic sales or sales to larger PE funds.

Many PE managers that have been active in India PE since the beginning have graduated to become players in the large- cap segment, resulting in a less-crowded middle market with more white space. It also tends to attract fewer new entrants, as very few professional investors in India have the ability to orchestrate a leveraged buyout and manage a control investment.

The success of a PE middle market strategy in India relies on many of the same factors as in the U.S., including (1) back companies at an earlier inflection in growth and profitability; (2) execute on a value-creation plan which institutionalizes a small company culture and infuses large company systems and resources; and (3) execute on an exit realization plan which encompasses a broader range of options including IPO, strategic sale, secondary PE sale and PE add-on sale.

The one element that is notably missing is using an auction-led process to source candidates for investment. While this has become standard in the core U.S. middle market, India sourcing for middle market deals is still relationship-driven. Avoiding a competitive auction allows the Indian middle market PE buyer to gain more time, exclusivity and deal certainty to potentially structure a more attractive entry price or terms.

Conclusion

India is a market that has captured the attention of investors for its significant contribution to global growth. The secular forces behind that growth are more powerful and longer lasting than what investors generally appreciate. This includes a social revolution that creates a long runway for economic expansion and productivity gains. A second important factor is its newfound macro-stability, which creates an attractive low-volatility option for emerging market investing at a time when global instability and event risk is on the rise. Lastly, there is an ever-deepening pool of domestic risk capital that has helped entrepreneurial ventures to launch and Unicorns to flourish at an accelerating pace. With this as a backdrop, private equity investing has firmly established itself in India, allowing investors to participate more fully in India's private sector growth and earn excess returns to public equity equivalents. The middle market is a less competed and more nascent space within the India PE landscape with equally exciting growth prospects and the potential to access at a lower entry price due to less expensive valuations.

Risk Considerations

Portfolios are subject to market risk, which is the possibility that the market values of securities owned by the portfolio will decline and that the value of portfolio shares may therefore be less than what you paid for them. This is a general communication, which is not impartial and has been prepared solely for informational and educational purposes and does not constitute an offer or a recommendation to buy or sell any particular security or to adopt any specific investment strategy. The information herein has not been based on a consideration of any individual investor circumstances and is not investment advice, nor should it be construed in any way as tax, accounting, legal or regulatory advice. To that end, investors should seek independent legal and financial advice, including advice as to tax consequences, before making any investment decision. Market values can change daily due to economic and other events (e.g. natural disasters, health crises, terrorism, conflicts and social unrest) that affect markets, countries, companies or governments. It is difficult to predict the timing, duration, and potential adverse effects (e.g. portfolio liquidity) of events.

Accordingly, you can lose money investing in this portfolio. Please be aware that this portfolio may be subject to certain additional risks. In general, equities securities' values also fluctuate in response to activities specific to a company.

Alternative investments are speculative and include a high degree of risk. Investors could lose all or a substantial amount of their investment. Alternative investments are suitable only for long-term investors willing to forego liquidity and put capital at risk for an indefinite period of time. Alternative investments are typically highly illiquid—there is no secondary market for private funds, and there may be restrictions on redemptions or assigning or otherwise transferring investments into private funds. Alternative investment funds often engage in leverage and other speculative practices that may increase volatility and risk of loss. Alternative investments typically have higher fees and expenses than other investment vehicles, and such fees and expenses will lower returns achieved by investors.

Alternative investment funds are often unregulated, are not subject to the same regulatory requirements as mutual funds, and are not required to provide periodic pricing or valuation information to investors. The investment strategies described in the preceding pages may not be suitable for your specific circumstances; accordingly, you should consult your own tax, legal or other advisors, at both the outset of any transaction and on an ongoing basis, to determine such suitability.

No investment should be made without proper consideration of the risks and advice from your tax, accounting, legal or other advisors as you deem appropriate.

Morgan Stanley is a full-service securities firm engaged in a wide range of financial services including, for example, securities trading and brokerage activities, investment banking, research and analysis, financing and financial advisory services. Morgan Stanley Investment Management is the asset management division of Morgan Stanley.

Diversification does not eliminate the risk of loss.

DISCLOSURES

The views and opinions and/or analysis expressed are those of the author or the investment team as of the date of preparation of this material and are subject to change at any time without notice due to market or economic conditions and may not necessarily come to pass. Furthermore, the views will not be updated or otherwise revised to reflect information that subsequently becomes available or circumstances existing, or changes occurring, after the date of publication. The views expressed do not reflect the opinions of all investment personnel at Morgan Stanley Investment Management (MSIM) and its subsidiaries and affiliates (collectively "the Firm"), and may not be reflected in all the strategies and products that the Firm offers.

Alternative investments typically have higher fees and expenses than other investment vehicles, and such fees and expenses will lower returns achieved by investors. Alternative investment funds are often unregulated, are not subject to the same regulatory requirements as mutual funds, and are not required to provide periodic pricing or valuation information to investors. The investment strategies described in the preceding pages may not be suitable for the recipient's specific circumstances; accordingly, you should consult your own tax, legal or other advisors, both at the outset of any transaction and on an ongoing basis, to determine such suitability. This material is a general communication, which is not impartial and all information provided has been prepared solely for informational and educational purposes and does not constitute an offer or a recommendation to buy or sell any particular security or to adopt any specific investment strategy. The information herein has not been based on a consideration of any individual investor circumstances and is not investment advice, nor should it be construed in any way as tax, accounting, legal or regulatory advice. To that end, investors should seek independent legal and financial advice, including advice as to tax consequences, before making any investment decision.

Forecasts and/or estimates provided herein are subject to change and may not actually come to pass. Information regarding expected market returns and market outlooks is based on the research, analysis and opinions of the authors or the investment team. These conclusions are speculative in nature, may not come to pass and are not intended to predict the future

performance of any specific strategy or product the Firm offers. Future results may differ significantly depending on factors such as changes in securities or financial markets or general economic conditions.

This material has been prepared on the basis of publicly available information, internally developed data and other third-party sources believed to be reliable. However, no assurances are provided regarding the reliability of such information and the Firm has not sought to independently verify information taken from public and third-party sources.

This material is a general communication, which is not impartial and all information provided has been prepared solely for informational and educational purposes and does not constitute an offer or a recommendation to buy or sell any particular security or to adopt any specific investment strategy. The information herein has not been based on a consideration of any individual investor circumstances and is not investment advice, nor should it be construed in any way as tax, accounting, legal or regulatory advice. To that end, investors should seek independent legal and financial advice, including advice as to tax consequences, before making any investment decision.

Charts and graphs provided herein are for illustrative purposes only. Past performance is no guarantee of future results.

The indexes are unmanaged and do not include any expenses, fees or sales charges. It is not possible to invest directly in an index. Any index referred to herein is the intellectual property (including registered trademarks) of the applicable licensor. Any product based on an index is in no way sponsored, endorsed, sold or promoted by the applicable licensor and it shall not have any liability with respect thereto.

This material is not a product of Morgan Stanley's Research Department and should not be regarded as a research material or a recommendation.

The Firm has not authorised financial intermediaries to use and to distribute this material, unless such use and distribution is made in accordance with applicable law and regulation. Additionally, financial intermediaries are required to satisfy themselves that the information in this material is appropriate for any person to whom they provide this material in view of that person's circumstances and purpose. The Firm shall not be liable for, and accepts no liability for, the use or misuse of this material by any such financial intermediary.

This material may be translated into other languages. Where such a translation is made this English version remains definitive. If there are any discrepancies between the English version and any version of this material in another language, the English version shall prevail.

The whole or any part of this material may not be directly or indirectly reproduced, copied, modified, used to create a derivative work, performed, displayed, published, posted, licensed, framed, distributed or transmitted or any of its contents disclosed to third parties without the Firm's express written consent. This material may not be linked to unless such hyperlink is for personal and non-commercial use. All information contained herein is proprietary and is protected under copyright and other applicable law.

Morgan Stanley Investment Management is the asset management division of Morgan Stanley.

DISTRIBUTION

This material is only intended for and will only be distributed to persons resident in jurisdictions where such distribution or availability would not be contrary to local laws or regulations.

MSIM, the asset management division of Morgan Stanley (NYSE: MS), and its affiliates have arrangements in place to market each other's products and services. Each MSIM affiliate is regulated as appropriate in the jurisdiction it operates. MSIM's affiliates are: Eaton Vance Management (International) Limited, Eaton Vance Advisers International Ltd, Calvert Research and Management, Eaton Vance Management, Parametric Portfolio Associates LLC, and Atlanta Capital Management LLC.

This material has been issued by any one or more of the following entities:

This material is for Professional Clients/Accredited Investors only.

In the EU, MSIM and Eaton Vance materials are issued by MSIM Fund Management (Ireland) Limited ("FMIL"). FMIL is regulated by the Central Bank of Ireland and is incorporated in Ireland as a private company limited by shares with company registration number 616661 and has its registered address at 24-26 City Quay, Dublin 2, DO2 NY19, Ireland.

Outside the EU, MSIM materials are issued by Morgan Stanley Investment Management Limited (MSIM Ltd) is authorised and regulated by the Financial Conduct Authority. Registered in England. Registered No. 1981121. Registered Office: 25 Cabot Square, Canary Wharf, London E14 4QA.

In Switzerland, MSIM materials are issued by Morgan Stanley & Co. International plc, London (Zurich Branch) Authorised and regulated by the Eidgenössische Finanzmarktaufsicht ("FINMA"). Registered Office: Beethovenstrasse 33, 8002 Zurich, Switzerland.

Outside the US and EU, Eaton Vance materials are issued by Eaton Vance Management (International) Limited ("EVMI") 125 Old Broad Street, London, EC2N 1AR, UK, which is authorised and regulated in the United Kingdom by the Financial Conduct Authority.

Italy: MSIM FMIL (Milan Branch), (Sede Secondaria di Milano) Palazzo Serbelloni Corso Venezia, 16 20121 Milano, Italy. The **Netherlands**: MSIM FMIL (Amsterdam Branch), Rembrandt Tower, 11th Floor Amstelplein 1 1096HA, Netherlands. **France**: MSIM FMIL (Paris Branch), 61 rue de Monceau 75008 Paris, France. **Spain**: MSIM FMIL (Madrid Branch), Calle Serrano 55, 28006, Madrid, Spain. **Germany**: MSIM FMIL Frankfurt Branch, Große Gallusstraße 18, 60312 Frankfurt am Main, Germany (Gattung: Zweigniederlassung (FDI) gem. § 53b KWG). **Denmark**: MSIM FMIL (Copenhagen Branch), Gorrissen Federspiel, Axel Towers, Axeltorv2, 1609 Copenhagen V, Denmark.

MIDDLE EAST

Dubai: MSIM Ltd (Representative Office, Unit Precinct 3-7th Floor-Unit 701 and 702, Level 7, Gate Precinct Building 3, Dubai International Financial Centre, Dubai, 506501, United Arab Emirates. Telephone: +97 (0)14 709 7158).

This document is distributed in the Dubai International Financial Centre by Morgan Stanley Investment Management Limited (Representative Office), an entity regulated by the Dubai Financial Services Authority ("DFSA"). It is intended for use by professional clients and market counterparties only. This document is not intended for distribution to retail clients, and retail clients should not act upon the information contained in this document.

U.S.

NOT FDIC INSURED. OFFER NO BANK GUARANTEE. MAY LOSE VALUE. NOT INSURED BY ANY FEDERAL GOVERNMENT AGENCY. NOT A DEPOSIT.

ASIA PACIFIC

Hong Kong: This material is disseminated by Morgan Stanley Asia Limited for use in Hong Kong and shall only be made available to "professional investors" as defined under the Securities and Futures Ordinance of Hong Kong (Cap 571). The contents of this material have not been reviewed nor approved by any regulatory authority including the Securities and Futures Commission in Hong Kong. Accordingly, save where an exemption is available under the relevant law, this material shall not be issued, circulated, distributed, directed at, or made available to, the public in Hong Kong. Singapore: This material is disseminated by Morgan Stanley Investment Management Company and may not be circulated or distributed, whether directly or indirectly, to persons in Singapore other than to (i) an accredited investor (ii) an expert investor or (iii) an institutional investor as defined in Section 4A of the Securities and Futures Act, Chapter 289 of Singapore ("SFA"); or (iv) otherwise pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA. This publication has not been reviewed by the Monetary Authority of Singapore. **Australia**: This material is provided by Morgan Stanley Investment Management (Australia) Pty Ltd ABN 22122040037, AFSL No. 314182 and its affiliates and does not constitute an offer of interests. Morgan Stanley Investment Management (Australia) Pty Limited arranges for MSIM affiliates to provide financial services to Australian wholesale clients. Interests will only be offered in circumstances under which no disclosure is required under the Corporations Act 2001 (Cth) (the "Corporations Act"). Any offer of interests will not purport to be an offer of interests in circumstances under which disclosure is required under the Corporations Act and will only be made to persons who qualify as a "wholesale client" (as defined in the Corporations Act). This material will not be lodged with the Australian Securities and Investments Commission.

JAPAN

This material may not be circulated or distributed, whether directly or indirectly, to persons in Japan other than to (i) a professional investor as defined in Article 2 of the Financial Instruments and Exchange Act ("FIEA") or (ii) otherwise pursuant to, and in accordance with the conditions of, any other allocable provision of the FIEA. This material is disseminated in Japan by Morgan Stanley Investment Management (Japan) Co., Ltd., Registered No. 410 (Director of Kanto Local Finance Bureau (Financial Instruments Firms)), Membership: the Japan Securities Dealers Association, The Investment Trusts Association, Japan, the Japan Investment Advisers Association and the Type II Financial Instruments Firms Association.