Every sell-off tells a story about an asset class—a story about what investors believe the assets are and what they are capable of becoming, for better or worse. As COVID-19 spread around the world and global growth prospects dimmed, many investors sold emerging markets equities. We believe this sell-off told the story of an asset class driven by the energy and materials sectors and populated by countries and businesses that are recipients of trickle-down demand from strong global growth, rather than drivers of that growth—the businesses that support the developed world, rather than strong markets in their own right.

Not every story is accurate, however, and we believe this view is not a true reflection of emerging markets today. We strongly believe that emerging markets are a powerful investment in 2020—so much so that we think investors ought to be considering how best to increase their allocations, rather than selling their holdings. Here are five reasons why:
1. **Composition**: Emerging markets are much less dependent on energy and materials than they once were, while entrepreneurial information technology and internet-related businesses are ascendant.

2. **Innovation**: Emerging markets have leapfrogged the developed world in several key technologies, while spending on research and development in China, in particular, rivals that of the US.

3. **Driving Force of Global Growth**: Emerging markets account for 60% of global growth, a proportion due to rise given their relatively young populations and ongoing urbanization.

4. **Recovery Potential**: History suggests the current rebound has more room to run.

5. **Underestimated Value**: Emerging markets equities are trading near historical discounts, and we believe the data suggest that investors are under-allocated to the asset class.

In general, we find that investor perception has not caught up with the changes in emerging markets over the past decade. Investors in the United States are heavily invested in US equities, a good trade for the last 10 years. However, we believe US investors who exclude non-US equities, specifically emerging markets equities, may be limiting their investment options and possibly minimizing their total portfolio outperformance. As the world comes to grips with a crisis, investors tend to broaden their holdings beyond "safe-haven" assets and countries. We expect the crisis brought on by the coronavirus pandemic will be no different, and when investors begin to shift capital into more asset classes, we believe emerging markets equities are primed to be a key beneficiary.

### 1. The Changing Composition of the EM Equity Market

Historically, the MSCI Emerging Markets (EM) Index has been heavily skewed towards Europe, the Middle East, and Africa (EMEA), as well as Latin America. Although Asia grew to represent 40% of the EM Index in 2000—even without China as an investable option (Exhibit 1)—EMEA and Latin America represented nearly 50% of the index by the time the global financial crisis hit in 2008. Meanwhile, the energy and materials sectors shot up to nearly 30% as the commodity supercycle propelled companies in many exporting nations during the early 2000s.

The changes since then have been quite dramatic. Today, Asia dominates the index, accounting for nearly 80% of some 1,400 emerging markets securities (Exhibit 2). China alone represents 40% of the market capitalization, followed by Taiwan at 13%, Korea at 12%, and India at 8%. By contrast, EMEA and Latin America representation has declined to approximately 20%. From a sector perspective, information technology (IT) and internet-related securities have nearly tripled from their 2008 weight to 35%, while energy and materials companies have dropped to 13%; the next-largest sector, financials, represents 21% of the index (Exhibit 3).
As a result of these changes, the emerging markets now offer investors greater exposure to IT and internet-related securities than the developed markets: The MSCI EM Index has more than double the exposure of MSCI Japan, triple that of MSCI Europe ex-UK, and 10 times that of the MSCI UK (Exhibit 4). In fact, the IT and internet-related exposure in the EM Index is similar to that of the US, but at lower valuations. Many investors may not fully appreciate that EM equities can offer the opportunity to invest in the leading businesses of today, and more importantly tomorrow, at near historic discounts. (See reason 5 for more.)

Exhibit 4
IT and Internet-Related Exposure by Region

As of 31 May 2020
Note: “Internet-related” is the sum of the media and entertainment industry (communication services sector) and the internet and direct marketing retail industry (consumer discretionary sector).
Source: FactSet, MSCI

2. Culture of Innovation: The Next Tech Ecosystem?

Traditionally, emerging markets relied on developed nations for most of their advanced technology. Although in some key areas this is still the case, emerging nations have been investing steadily to increase their own capabilities, primarily to spur the next phase in their economic growth. Indeed, emerging countries have leapfrogged the developed world to become leaders in next-generation telephony, 5G, and mobile payments.

In 2018, the US led research and development (R&D) spending1 with $552 billion on a purchasing power parity basis,2 but China followed closely with $526 billion, and together, the two accounted for half of the global total. That marks a big leap for China since 2000, when R&D expenditure totaled only $44 billion, or approximately 12% of US spending. While it is difficult for smaller nations to match the US and China in dollar amounts, many, such as Korea, show greater R&D intensity, or total R&D expenditure as a percentage of GDP (Exhibit 5).

Exhibit 5
R&D Expenditure

As of 31 December 2017
Source: UNESCO Institute for Statistics

China Intellectual Property Filings
(Resident and Abroad, Including Regional)

2018 Intellectual Property Filings (Resident and Abroad, Including Regional)

Patent Filings (Resident and Abroad)

As of 31 December 2018
Source: World Intellectual Property Organization (WIPO)
Asia has also strengthened its position as the region with the greatest activity in intellectual property: Patent, trademark, and industrial design application filings from the region represented approximately 70% of the global total in 2018, up from roughly half in 2008. China drove most of the increase, with 1.5 million patent applications—46% of the total worldwide. By comparison, North America and Europe together accounted for only 30%. Looking at the number of patent applications per unit of GDP, Korea again stood out with the most, followed by China, Japan, Germany, and Switzerland.

In recent years, emerging markets consumers have embraced the internet and adopted smartphones in overwhelming numbers, from the 2G standard, which is fast enough for texting, to 3G-enabled graphics and 4G-enabled smartphone video. Now 5G promises to accelerate communication among interconnected devices, and China is leading the world in adopting 5G technology. The country plans to spend more than $420 billion on 5G technology—double what it spent on 4G and just under the planned spending by the US, Korea, and Japan combined (Exhibit 6). Between 2020 and 2025, roughly 90% of Chinese operators’ capital expenditure in mobile technology is expected to be in 5G networks. By 2025, China’s mobile internet user base is projected to reach nearly 1.2 billion, and of the estimated 1.8 billion 5G connections globally, China is expected to account for more than 800 million.3

The rise of emerging markets in technology has had an unfortunate consequence: political fallout. In the US, the Trump administration, in particular, has been uncomfortable with the prospect of next-generation technology coming from China and has sought to impede its development. One possible result of the political tensions may be that the emerging world will develop a separate tech ecosystem, with less reliance on developed nations.

This would pose both a challenge and an opportunity for investors: Traditional holdings in US technology stocks would have limited exposure to this new ecosystem, but on the other hand, the new terrain would be ripe for active stock pickers in the emerging markets universe.

3. Better Growth Prospects

More than a decade ago, emerging markets overtook the developed world in economic growth, and today they contribute more than 60% of global GDP (Exhibit 7). China alone accounts for nearly one-fifth of global growth, up from just 2% in 1980, while India’s share has more than doubled to almost 10% over the same period. It is likely that emerging markets will represent an even larger percentage of global growth as urbanization—the shift in populations from rural to urban centers—continues and as informal sectors transition into the formal economy. With nearly 85% of the world’s population, emerging markets have younger populations than the developed economies. Many young people are moving into the middle class and increasingly shaping global consumption patterns, a key driver of growth.

4. Attractive Recovery Potential

Historically, market pullbacks have been an attractive entry point for investors in emerging markets equities. In the past 30 years, emerging markets have seen 12 bear markets, defined as declines of more than 20%, with an average peak-to-trough drop of 37% (Exhibit 8). The average one-year price return after the trough (excluding this year) is 45%. Therefore, the 33% rebound for the MSCI EM Index so far this year, from the 23 March low through 24 June, suggests there is more room to run.

We are currently seeing some divergence in the pace of economic recovery among emerging markets. In general, the larger Asian
economies are recovering faster than expected from the shock brought on by the COVID-19 pandemic. Most economists are now forecasting a modestly positive GDP growth rate this year for China, even though the country spent relatively little on fiscal stimulus. Economic indicators in Taiwan and Korea have already rebounded sharply. These countries’ experience in dealing with pandemics in the past may be helping them bounce back more quickly. Across other regions, the results are mixed; most countries saw their first COVID-19 cases more recently and are still battling the spread of the virus itself.

5. Undervalued and Under-Allocated

Despite all the positive changes in emerging markets, the valuation divergence between developed and emerging markets equity indices has actually widened since 2011 (Exhibit 9). The MSCI EM Index currently trades at a 30% discount to the MSCI World Index and an even steeper 36% discount to the S&P 500 Index (Exhibit 10). The divergence holds across sectors and styles. For example, the consumer discretionary sector of the MSCI EM trades at nearly a 50% discount to that of the S&P 500. Digging deeper into internet retailing, or e-commerce, emerging markets equities are 70% cheaper than their US peers.

In addition, investors are still under-allocated to EM equities. Emerging markets represent 12% of the total market capitalization in the MSCI All Country World Index (Exhibit 11). Yet, the

Exhibit 8
Bear Markets in EM: Peak-to-Trough Declines

As of 29 June 2020
Note: Dates on x-axis represent the MSCI EM Index peak date (top chart) and trough date (bottom chart) of the corresponding bear market. Average one-year price return post-trough excludes 23 March 2020 trough date.
Source: FactSet, MSCI, UBS Global Research

Exhibit 9
Price/Earnings Next Twelve Months (NTM)

As of 30 April 2020
Source: FactSet, MSCI

Exhibit 10
EM at Steep Discount to Developed Markets

As of 30 April 2020
Source: FactSet, MSCI
median exposure by a global equity manager to EM equities has hovered between 2% and 4% (Exhibit 12); even managers with the most exposure (the top quartile) hold only around 10%. We would also argue that these weights do not reflect emerging markets’ projected share of global growth, young consumers, and new technologies.

In our opinion, emerging markets valuations and allocations point to a disconnect between the market and underlying fundamentals. In our experience, such disconnects do not last forever. We expect investor exposure to eventually rise to levels that better represent the importance of these economies in the 21st century, and we think the current market pullback is a good opportunity for investors to get started.

About the Team
The Lazard Developing Markets Equity team aims to generate strong relative returns over a full market cycle by investing in emerging markets companies with sustainable earnings growth at attractive valuations. The team seeks out emerging markets companies at the forefront of innovation and development, reflected in the companies’ disruptive business models and above-average earnings growth, and focuses on those that remain unrecognized by the markets and cheaply valued. The portfolio management team consists of 7 investment professionals with more than 20 years of industry experience and 13 years at Lazard, on average. As part of their process, they leverage Lazard’s global research platform and are fully supported by more than 300 investment professionals.
This content represents the views of the author(s), and its conclusions may vary from those held elsewhere within Lazard Asset Management. Lazard is committed to giving our investment professionals the autonomy to develop their own investment views, which are informed by a robust exchange of ideas throughout the firm.

Notes
1. Defined as gross domestic spending on R&D, or the total expenditure (current and capital) on R&D carried out by all resident companies, research institutes, university, and government laboratories, etc. in a country.
2. Source: OECD Science, Technology and R&D Statistics. Based on purchasing power parity measured in USD constant prices using 2010 as the base year.

Important Information
Published on 14 July 2020.

This document reflects the views of Lazard Asset Management LLC or its affiliates (“Lazard”) based upon information believed to be reliable as of 14 July 2020. There is no guarantee that any forecast or opinion will be realized. This document is provided by Lazard Asset Management LLC or its affiliates (“Lazard”) for informational purposes only. Nothing herein constitutes investment advice or a recommendation relating to any security, commodity, derivative, investment management service or investment product. Investments in securities, derivatives, and commodities involve risk, will fluctuate in price, and may result in losses. Certain assets held in Lazard’s investment portfolios, in particular alternative investment portfolios, can involve high degrees of risk and volatility when compared to other assets. Similarly, certain assets held in Lazard’s investment portfolios may trade in less liquid or efficient markets, which can affect investment performance. Past performance does not guarantee future results. The views expressed herein are subject to change, and may differ from the views of other Lazard investment professionals. Equity securities will fluctuate in price; the value of your investment will thus fluctuate, and this may result in a loss. Securities in certain non-domestic countries may be less liquid, more volatile, and less subject to governmental supervision than in one’s home market. The values of these securities may be affected by changes in currency rates, application of a country’s specific tax laws, changes in government administration, and economic and monetary policy. Emerging markets securities carry special risks, such as less developed or less efficient trading markets, a lack of company information, and differing auditing and legal standards. The securities markets of emerging markets countries can be extremely volatile; performance can also be influenced by political, social, and economic factors affecting companies in these countries.

Certain information included herein is derived from Lazard in part from an MSCI index or indices (the “Index Data”). However, MSCI has not reviewed this product or report, and does not endorse or express any opinion regarding this product or report or any analysis or other information contained herein or the author or source of any such information or analysis. MSCI makes no express or implied warranties or representations and shall have no liability whatsoever with respect to any Index Data or data derived therefrom.

The MSCI Emerging Markets Index is a free-float-adjusted market capitalization index that is designed to measure equity market performance in the global emerging markets. The MSCI Emerging Markets Index consists of emerging markets country indices including: Argentina, Brazil, Chile, China, Colombia, Czech Republic, Egypt, Greece, Hungary, India, Indonesia, Korea, Malaysia, Mexico, Pakistan, Peru, Philippines, Poland, Qatar, Russia, Saudi Arabia, South Africa, Taiwan, Thailand, Turkey, and United Arab Emirates. The MSCI World Index is a free-float-adjusted market capitalization index that is designed to measure global developed market equity performance comprised of developed market country indices. The index is unmanaged and has no fees. One cannot invest directly in an index. The S&P 500 Index is a market capitalization-weighted index of 500 companies in leading industries of the US economy. The index is unmanaged and has no fees. One cannot invest directly in an index. The MSCI EAFE Index (Europe, Australasia, Far East) is a free-float-adjusted market capitalization index that is designed to measure developed market equity performance, consisting of developed market country indices excluding the United States and Canada. The index is unmanaged and has no fees. One cannot invest directly in an index. The MSCI All Country World Index (ACWI) is a free-float-adjusted market capitalization weighted index that is designed to measure the equity market performance of developed and emerging markets. The index is unmanaged and has no fees. One cannot invest directly in an index.

Forecasted or estimated results do not represent a promise or guarantee of future results and are subject to change. Diversification does not ensure a profit or protect against losses in declining markets.

This document is provided by Lazard Asset Management LLC or its affiliates (“Lazard”) for informational purposes only. Nothing herein constitutes investment advice or a recommendation relating to any security, commodity, derivative, investment management service, or investment product. Investments in securities, derivatives, and commodities involve risk, will fluctuate in price, and may result in losses. Certain assets held in Lazard’s investment portfolios, in particular alternative investment portfolios, can involve high degrees of risk and volatility when compared to other assets. Similarly, certain assets held in Lazard’s investment portfolios may trade in less liquid or efficient markets, which can affect investment performance. Past performance does not guarantee future results.

This document is intended only for persons residing in jurisdictions where its distribution or availability is consistent with local laws and Lazard’s local regulatory authorizations. The Lazard entities that have issued this document are listed below, along with important limitations on their authorized activities.

Australia: Issued by Lazard Asset Management Pacific Co., ABN 13 064 523 619, AFSL License 238432, Level 39 Gateway, 1 Macquarie Place, Sydney NSW 2000, which is licensed by the Australian Securities and Investments Commission to carry on a financial services business. This document is intended for wholesale investors only. Canada: Issued by Lazard Asset Management (Canada) Inc., 30 Rockefeller Plaza, New York, NY 10112 and 130 King Street West, Suite 1800, Toronto, Ontario MSX 1E3, a registered portfolio manager providing services to non-individual permitted clients. Dubai: Issued and approved by Lazard Gulf Limited, Gate Village 1, Level 2, Dubai International Financial Centre, PO Box 506644, Dubai, United Arab Emirates. Registered in Dubai. International Financial Centre 0487. Authorised and regulated by the Dubai Financial Services Authority to deal with Professional Clients only. EU Member States: Issued by Lazard Asset Management (Deutschland) GmbH, Neue Mainzer Strasse 76, D-60311 Frankfurt am Main. Hong Kong: Issued by Lazard Asset Management (Hong Kong) Limited (RC2743), One Harbour View Street, Central, Hong Kong. Lazard Asset Management (Hong Kong) Limited is a corporation licensed by the Hong Kong Securities and Futures Commission to conduct Type 1 (dealing in securities) and Type 4 (advising on securities) regulated activities only on behalf of “professional investors” as defined under the Hong Kong Securities and Futures Ordinance (Cap. 571 of the Laws of Hong Kong) and its subsidiary legislation. Korea: Issued by Lazard Korea Asset Management Co. Ltd., 10F Seoul Finance Center, 136 Sejong-daero, Jung-gu, Seoul, 100-768. People’s Republic of China: Issued by Lazard Asset Management. Lazard Asset Management does not carry out business in the P.R.C. and is not a licensed investment adviser with the China Securities Regulatory Commission or the China Banking Regulatory Commission. This document is for reference only and for intended recipients only. The information in this document does not constitute any specific investment advice on China capital markets or an offer of securities or investment, tax, legal or other advice or recommendation or, an offer to sell or an invitation to apply for any product or service of Lazard Asset Management. Singapore: Issued by Lazard Asset Management (Singapore) Pte. Ltd., 1 Raffles Place, #25-01 One Raffles Place Tower 1, Singapore 048616. Company Registration Number 201135005W, which provides services only to “institutional investors” or “accredited investors” as defined under the Securities and Futures Act, Chapter 289 of Singapore. Switzerland: Issued by Lazard Asset Management Schweiz AG, Usterstrasse 9, CH-8001 Zurich. United Kingdom: Issued or approved by Lazard Asset Management Ltd., 50 Stratton Street, London W1J 8LL. Registered in England Number 525667. Authorised and regulated by the Financial Conduct Authority (FCA), providing services only to persons classified as eligible counterparties or professional clients under the rules of the FCA. United States: Issued by Lazard Asset Management LLC, 30 Rockefeller Plaza, New York, NY 10112.

LRX55874