

IAPF

Following the Pandemic, What Are the Investment Opportunities and Headwinds?

November 2021

Hani Redha Portfolio Manager Global Multi-Asset

This material must be read in conjunction with the Disclosure Statement.

Capital at Risk: All investments involve risk. The value of your investment and the income from it will fluctuate and a loss of capital may occur.





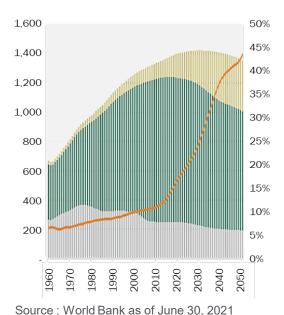
Global Macro – China's Ageing Population

Total population is likely to peak around 2025

Population by age group (mn). actual (1960-2020) and forecast (2021-50)

0-14 14-65 >=6

Old-Age Dependency Ratio (RHS)

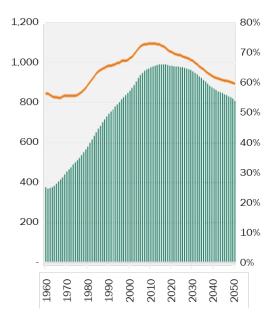


While the working population peaked in 2010

Working age population (mn). actual (1960-2020) and forecast (2021-50)

Working Age Population

— % of Total Population (RHS)

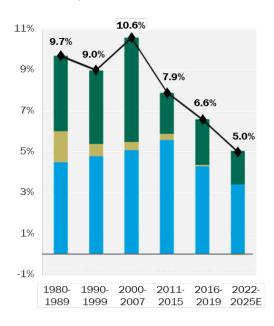


Impact on potential growth



■ TFP

♦ Real GDP Growth



Impact on interest rates and current account

- Aging populations will likely lower real interest rates
- potential economic growth tends to slow along with lower growth in the labor input. (Japan)
- Decline in the saving rate from an aging population means that China's current account will move to a structural deficit over the medium term

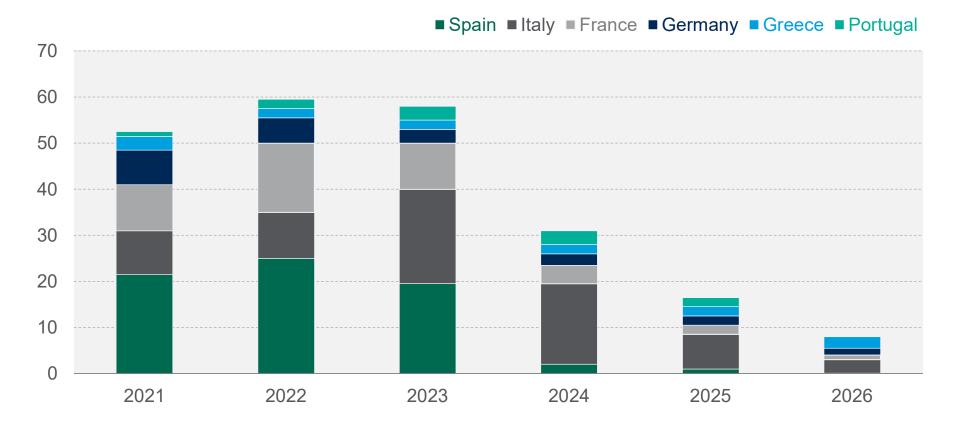




Europe – Slow Improvement Ahead

Higher Public Sector Investment, yet Weaker Demographics

RRF Loans and Grants Disbursements to Selected Countries



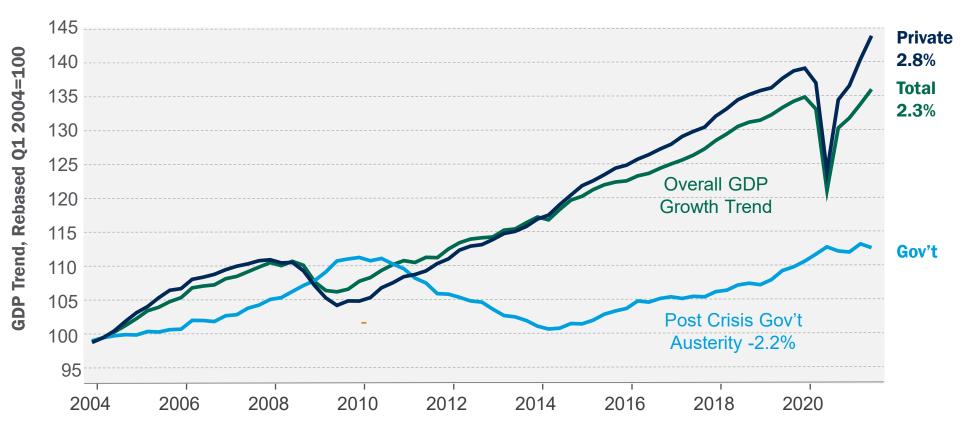
Source: European Commission, Citi Research, HSBC, PineBridge calculations as of June 30, 2021. For illustrative purposes only. We are not soliciting or recommending any action based on this material. Any views represent the opinion of the investment manager, are valid as of the date indicated, and are subject to change.





A Major Factor Supporting Growth This Time Around Unlike The Last Cycle, Government Spending Will Be Supportive

US Rebased GDP



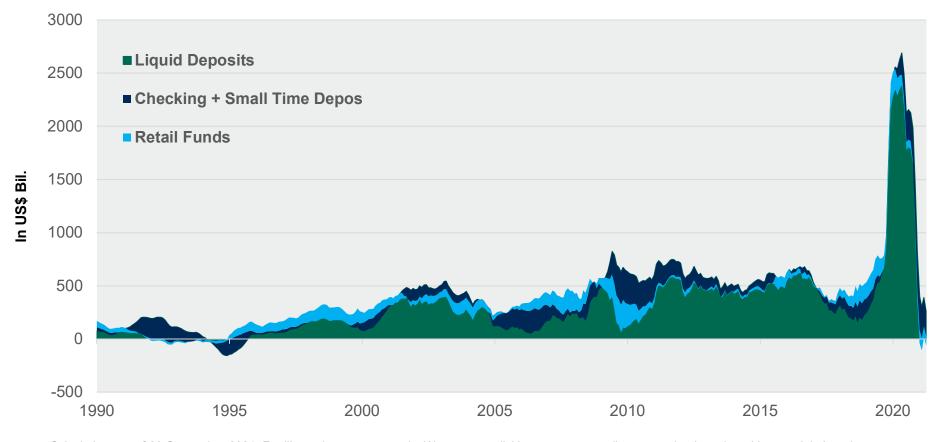
Source: Macrobond, Bloomberg, PineBridge Investments Calculations as of 30 September 2021. For illustrative purposes only. We are not soliciting or recommending any action based on this material. Any views represent the opinion of the investment manager, are valid as of the date indicated, and are subject to change.





Healthy Household Balance Sheet Will Support Consumption

US Consumer Is Flush With Cash



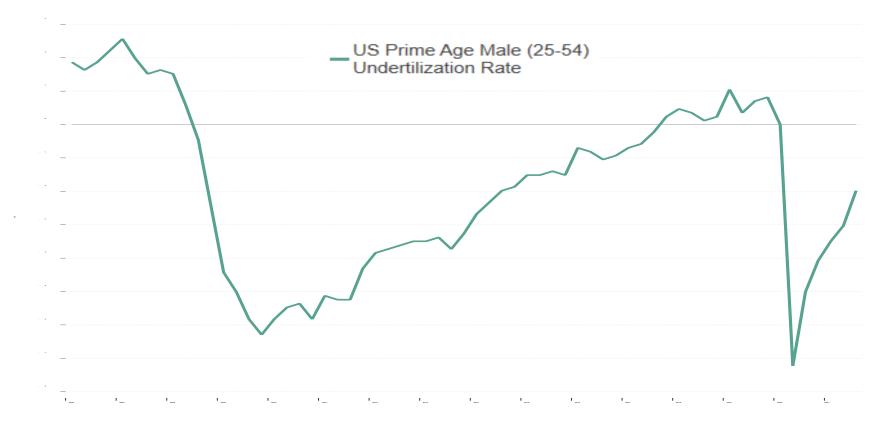
Source: Macrobond, Bloomberg, PineBridge Investments Calculations as of 30 September 2021. For illustrative purposes only. We are not soliciting or recommending any action based on this material. Any views represent the opinion of the investment manager, are valid as of the date indicated, and are subject to change.





The Environment Is Reflationary Not Inflationary Slack Is Underestimated

Underutilisation Rate



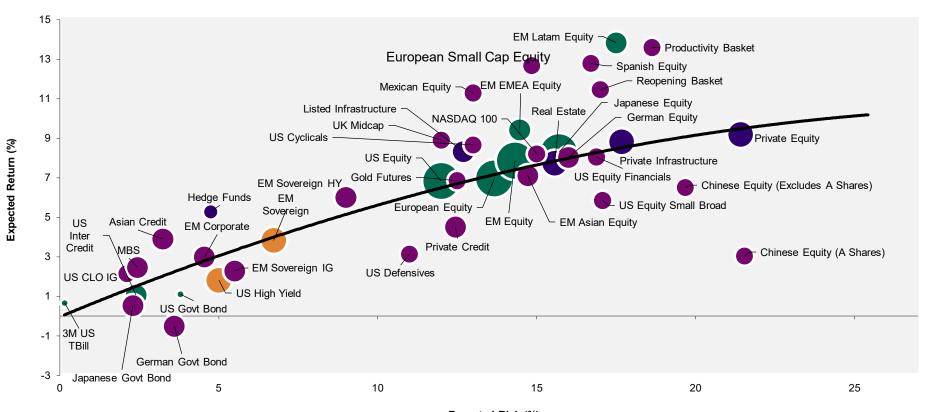
Source: Macrobond, Q3 2021 data, PineBridge Investments Calculations as of September 2021. Any views are the opinion of the investment manager and are subject to change. There can be no assurance that the target will be achieved. For illustrative purposes only. We are not soliciting or recommending any action based on this material.





Current Positioning

Capital
Market Line
(Local
Currency
View)



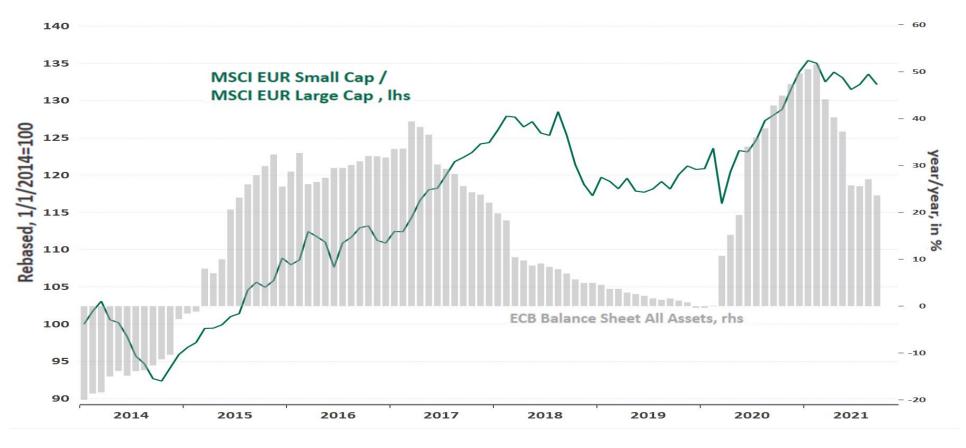
As of 30 September 2021. Represents the local currency view of the PineBridge Capital Market Line (CML). Based on PineBridge's estin Expected Bisks (W) ooking 5-year returns and standard deviation. The CML is not intended to represent the return prospects of any PineBridge products, only the attractiveness of asset class indexes, compared across the capital markets. There can be no assurance that the expected returns will be achieved over any particular time horizon. This information constitutes "projections," "forecasts" or other "forward-looking statements" which do not reflect actual results and are based primarily upon applying a set of assumptions to certain financial information. See Multi-Asset Endnotes for further information. Note that the CML's shape and positioning were determined based on the larger categories and do not reflect the subset categories of select asset classes, which are shown to relative to other asset classes only.





European Small Cap Equities Domestic Growth and Operational Leverage Should Drive Strong Earnings

European Small Caps Should Benefit From More QE¹



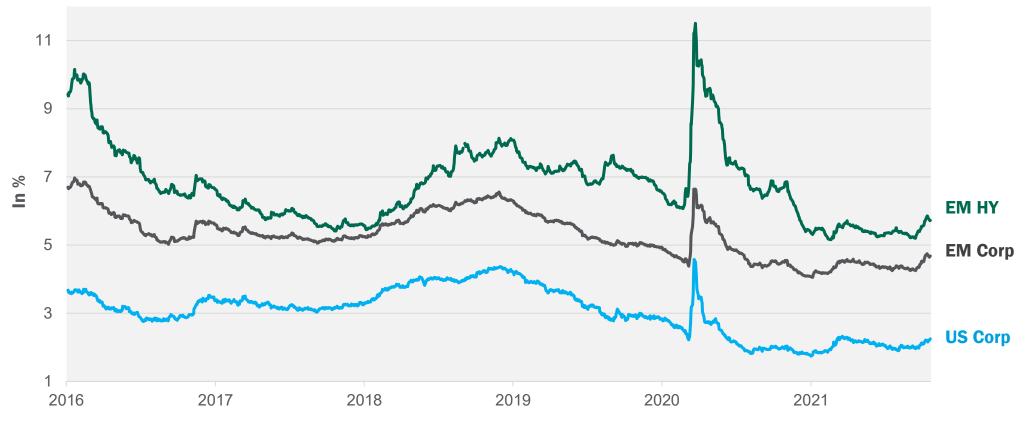
¹Source: Factset. JPM. PineBridge Investments calculations as of 2 September 2021. For illustrative purposes only. We are not soliciting or recommending any action based on this material. Any views represent the opinion of the investment manager, are valid as of the date indicated, and are subject to change.





EM Corporate DebtBalance Sheets in EM Are Robust

EM Spreads are attractive vs US



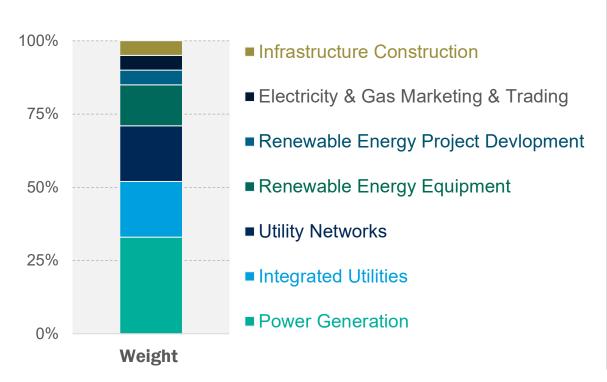
Source: J.P. Morgan, Bloomberg, Macrobond PineBridge Investments Calculations as of 21 October 2021. For illustrative purposes only. We are not soliciting or recommending any action based on this material. Any views represent the opinion of the investment manager, are valid as of the date indicated, and are subject to change.

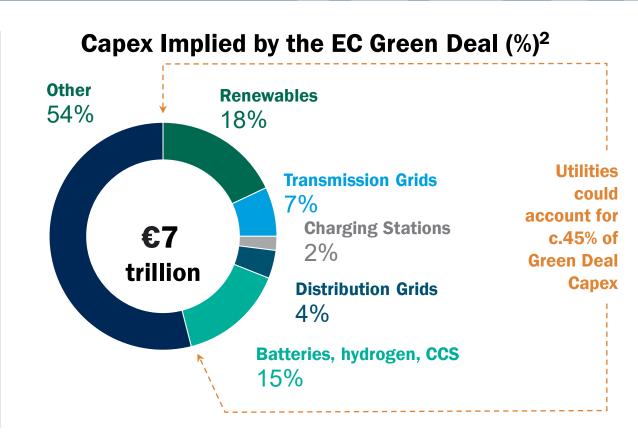




Energy Evolution BasketPocket of New Energy Opportunity with Attractive Valuation

PB New Energy Basket: % Breakdown by Sector¹





¹Source: PineBridge Investments. As of September 2021. ² Source: Goldman Sachs. As of 3 Apr 2021. For illustrative purposes only. We are not soliciting or recommending any action based on this material. Any views represent the opinion of the investment manager, are valid as of the date indicated, and are subject to change.





Questions







Global Disclosure Statement (page 1 of 2)



PineBridge Investments is a group of international companies that provides investment advice and markets asset management products and services to clients around the world. PineBridge Investments is a registered trademark proprietary to PineBridge Investments IP Holding Company Limited.

Readership: This document is intended solely for the addressee(s) and may not be redistributed without the prior permission of PineBridge Investments. Its content may be confidential, proprietary, and/or trade secret information. PineBridge Investments and its subsidiaries are not responsible for any unlawful distribution of this document to any third parties, in whole or in part.

Opinions: Any opinions expressed in this document represent the views of the manager, are valid only as of the date indicated, and are subject to change without notice. There can be no guarantee that any of the opinions expressed in this document or any underlying position will be maintained at the time of this presentation or thereafter. We are not soliciting or recommending any action based on this material.

Risk Warning: All investments involve risk, including possible loss of principal. If applicable, the offering document should be read for further details including the risk factors. Our investment management services relate to a variety of investments, each of which can fluctuate in value. The investment risks vary between different types of instruments. For example, for investments involving exposure to a currency other than that in which the portfolio is denominated, changes in the rate of exchange may cause the value of investments, and consequently the value of the portfolio, to go up or down. In the case of a higher volatility portfolio, the loss on realization or cancellation may be very high (including total loss of investment), as the value of such an investment may fall suddenly and substantially. In making an investment decision, prospective investors must rely on their own examination of the merits and risks involved.

Performance Notes: Past performance is not indicative of future results. There can be no assurance that any investment objective will be met. PineBridge Investments often uses benchmarks for the purpose of comparison of results. Benchmarks are used for illustrative purposes only, and any such references should not be understood to mean there would necessarily be a correlation between investment returns of any investment and any benchmark. Any referenced benchmark does not reflect fees and expenses associated with the active management of an investment. PineBridge Investments may, from time to time, show the efficacy of its strategies or communicate general industry views via modeling. Such methods are intended to show only an expected range of possible investment outcomes, and should not be viewed as a guide to future performance. There is no assurance that any returns can be achieved, that the strategy will be successful or profitable for any investor, or that any industry views will come to pass. Actual investors may experience different results.

Information is unaudited unless otherwise indicated, and any information from third-party sources is believed to be reliable, but PineBridge Investments cannot guarantee its accuracy or completeness.

This document and the information contained herein does not constitute and is not intended to constitute an offer of securities or provision of financial advice and accordingly should not be construed as such. The securities and any other products or services referenced in this document may not be licensed in all jurisdictions, and unless otherwise indicated, no regulator or government authority has reviewed this document or the merits of the products and services referenced herein. This document and the information contained herein has been made available in accordance with the restrictions and/or limitations implemented by any applicable laws and regulations. This document is directed at and intended for institutional and qualified investors (as such term is defined in each jurisdiction in which the security is marketed). This

document is provided on a confidential basis for informational purposes only and may not be reproduced in any form. Before acting on any information in this document, prospective investors should inform themselves of and observe all applicable laws, rules and regulations of any relevant jurisdictions and obtain independent advice if required. This document is for the use of the named addressee only and should not be given, forwarded or shown to any other person (other than employees, agents or consultants in connection with the addressee's consideration thereof).

Disclosures by location:

Australia: PineBridge Investments LLC is exempt from the requirement to hold an Australian financial services license under the Corporations Act 2001 (Cth) in respect of the financial services it provides to wholesale clients, and is not licensed to provide financial services to individual investors or retail clients. Nothing herein constitutes an offer or solicitation to anyone in or outside Australia where such offer or solicitation is not authorised or to whom it is unlawful. This information is not directed to any person to whom its publication or availability is restricted.

Brazil: PineBridge Investments is not accredited with the Brazilian Securities Commission - CVM to perform investment management services. The investment management services may not be publicly offered or sold to the public in Brazil. Documents relating to the investment management services as well as the information contained therein may not be supplied to the public in Brazil.

Chile: PineBridge Investments is not registered or licensed in Chile to provide managed account services and is not subject to the supervision of the Comisión para el Mercado Financiero of Chile ("CMF"). The managed account services may not be publicly offered or sold in Chile.

Colombia: This document does not have the purpose or the effect of initiating, directly or indirectly, the purchase of a product or the rendering of a service by PineBridge Investments ("investment adviser") to Colombian residents. The investment adviser's products and/or services may not be promoted or marketed in Colombia or to Colombian residents unless such promotion and marketing is made in compliance with decree 2555 of 2010 and other applicable rules and regulations related to the promotion of foreign financial and/or securities related products or services in Colombia. The investment adviser has not received authorisation of licensing from The Financial Superintendency of Colombia or any other governmental authority in Colombia to market or sell its financial products or services in Colombia. By receiving this document, each recipient resident in Colombia acknowledges and agrees that such recipient has contacted the investment adviser at its own initiative and not as a result of any promotion or publicity by the investment adviser or any of its representatives. Colombian residents acknowledge and represent that (1) the receipt of this presentation does not constitute a solicitation from the investment adviser for its financial products and/or services, and (2) they are not receiving from the investment adviser any direct or indirect promotion or marketing of financial products and/or services. Marketing and offering of products and/or services of a foreign financial [or securities related] entity represented in Colombia.

Promoción y oferta de los negocios y servicios de la entidad del mercado de valores del exterior [o financiera, según sea el caso] representada en Colombia.

Dubai: PineBridge Investments Europe Limited is regulated by the Dubai Financial Services Authority as a Representative Office and is making this document available to you. This document is intended for sophisticated/professional investors only and no other Person should act upon it.

Last updated 1 October 2021 www.pinebridge.com





Global Disclosure Statement (page 2 of 2)



Germany: This material is issued by PineBridge Investments Deutschland GmbH, licensed and regulated by the Bundesanstalt für Finanzdienstleistungsaufsicht (BaFin).

Hong Kong: The issuer of this document is PineBridge Investments Asia Limited, a company incorporated in Bermuda with limited liability, licensed and regulated by the Securities and Futures Commission (SFC). This document has not been reviewed by the SFC.

Ireland: When this document is issued in the EEA, unless stated otherwise, it is approved and issued by PineBridge Investments Ireland Limited, licensed and regulated by the Central Bank of Ireland.

Israel: PineBridge Investments is neither licensed nor insured under the Israeli Investment Advice Law.

Japan: This document is not, and under no circumstances is to be considered as, a public offering of securities in Japan. No registration pursuant to Article 4 paragraph 1 of Japan's Financial Instruments and Exchange Act ("FIEA") has been or will be made with respect to any solicitation of applications for acquisition of interests of any vehicle or any account that may be undertaken, on the grounds that any such solicitation would constitute a "solicitation for qualified institutional investors" as set forth in Article 23-13, paragraph 1 of the FIEA. In Japan, this document is directed at and intended for qualified institutional investors (as such term is defined in Article 2, paragraph 3, item 1 of the FIEA; "QIIs"). If any offering is to be made, that would be made on the condition that each investor enters into an agreement whereby the investor covenants not to transfer its interests (i) to persons other than QIIs, or (ii) without entering into an agreement whereby the transferee covenants not to transfer its interests to persons other than QIIs.

Kuwait: The offering of any security in any vehicle has not been approved or licensed by the Kuwait Capital Markets Authority or any other relevant licensing authorities in the State of Kuwait, and accordingly does not constitute a public offer in the State of Kuwait in accordance with Law no. 7 for 2010 regarding the Establishment of the Capital Markets Authority and the Regulating Securities Activities ("CMA Law"). This document is strictly private and confidential and is being issued to a limited number of professional investors: A) who meet the criteria of a Professional Client by Nature as defined in Article 2-6 of Module 8 of the Executive Regulations No. 72 of 2015 of the CMA Law; B) upon their request and confirmation that they understand that the securities have not been approved or licensed by or registered with the Kuwait Capital Markets Authority or any other relevant licensing authorities or governmental agencies in the State of Kuwait; and must not be provided to any person other than the original recipient, and may not be reproduced or used for any other purposes whatsoever.

Malaysia: PineBridge Investments Malaysia Sdn Bhd is licensed and regulated by Securities Commission of Malaysia (SC). This material is not reviewed or endorsed by the SC.

Netherlands: PineBridge Investment Ireland Limited, Netherlands Branch is licensed and regulated by The Dutch Authority for the Financial Markets (AFM). This is a branch office of PineBridge Investments Ireland Limited, licensed and regulated by the Central Bank of Ireland.

Peru: Specifically, the Interests will not be subject to a public offering in Peru. The Interests described herein have not been and will not be approved by or registered with the Peruvian Superintendency of Capital Markets (Superintendencia del Mercado de Valores, or the "SMV") or the Lima Stock Exchange (Bolsa de Valores de Lima). Accordingly, the Interests may not be offered or sold in Peru except, among others, if such offering is considered a private offer under the securities laws and regulations of Peru. The Interests cannot be offered or sold in Peru or in any other jurisdiction except

in compliance with the securities laws thereof. In making an investment decision, institutional investors (as defined by Peruvian law) must rely on their own examination of the terms of the offering of the Interests to determine their ability to invest in the Interests. All content in this document is for information or general use only. The information contained in this document is referential and may not be construed as an offer, invitation or recommendation, nor should be taken as a basis to take (or stop taking) any decision. This document has been prepared on the basis of public information that is subject to change. This information may not be construed as services provided by PineBridge Investments within Peru without having the corresponding banking or similar license according to the applicable regulation.

Singapore: PineBridge Investments Singapore Limited is licensed and regulated by the Monetary Authority of Singapore (MAS). In Singapore, this material may not be suitable to a retail investor. This advertisement or publication has not been reviewed by the MAS.

Sweden: PineBridge Investments Ireland Limited Sweden filial is licensed and regulated by Finansinspektionen. This is a branch office of PineBridge Investments Ireland Limited, licensed and regulated by the Central Bank of Ireland.

Switzerland: This material is issued by PineBridge Investments Switzerland GmbH and classes this communication as a financial promotion which is intended for Institutional and Professional clients as defined by the Swiss Federal Financial Services Act ("FinSA") and its implementing ordinance, the Federal Financial Services Ordinance ("FinSO"). PineBridge Investments Switzerland GmbH is affiliated with the Swiss Chambers' Arbitration Institution (SCAI), 4, boulevard du Théâtre, P.O. Box 5039, 1211 Geneva 11, Switzerland, Tel: +41 (0)22 819 91 57.

Taiwan: PineBridge Investments Management Taiwan Ltd. Is licensed and regulated by Securities and Futures Bureau of Taiwan (SFB). In Taiwan, this material may not be suitable to investors and is not reviewed or endorsed by the SFB.

United Kingdom: This material is issued by PineBridge Investments Europe Limited, licensed and regulated by the Financial Conduct Authority. In the UK this communication is a financial promotion solely intended for professional clients as defined in the FCA Handbook and has been approved by PineBridge Investments Europe Limited. Should you like to request a different classification, please contact your PineBridde representative.

In the UK, this material may also be issued by PineBridge Benson Elliot LLP, registered in England (company number OC317119) with its registered address at 50 Hans Crescent, London, SW1X 0NA. PineBridge Benson Elliot LLP is authorised and regulated by the Financial Conduct Authority.

Uruguay: The sale of the securities qualifies as a private placement pursuant to section 2 of Uruguayan law 18.627. The issuer represents and agrees that it has not offered or sold, and will not offer or sell, any securities to the public in Uruguay, except in circumstances which do not constitute a public offering or distribution under Uruguayan laws and regulations. The securities are not and will not be registered with the Central Bank of Uruguay to be publicly offered in Uruguay. The securities correspond to investment funds that are not investment funds regulated by Uruguayan law 16.774 dated 27 September 1996, as amended.

The Manager may determine to terminate any arrangements made for marketing the Shares in one or more jurisdictions in accordance with the AIFM Directive, as may be amended from time to time.

Investors and potential investors can obtain a summary of investor rights and information on access to collective redress mechanisms at www.pinebridge.com/investorrights.

Last updated 1 October 2021 www.pinebridge.com





Q&A

Delegates pose questions/add comment via the 'Questions' feature on your device



Hani Redha
Portfolio Manager, Global Multi-Asset
PineBridge Investments



Jerry Moriarty CEO IAPF





THANK YOU





Hani Redha, Portfolio Manager, Global Multi-Asset PineBridge Investments





SPONSOR





UPCOMING EVENTS www.iapf.ie

Mailing list

Please log in to our website to elect to receive our emails – use the "Reset my password?" link to have it emailed to you (check your junk mail folder).

https://iapf.ie/memberservices/logon/

