Deep-dive commentary



Macroeconomic indicators

Broad themes

- In November, global equity markets restarted their climb to a new summit after October's performance pitstop. Investors sent stocks to new highs on the belief that the U.S. business environment and profitability will improve under the return of President Trump after his Presidential election victory over the Democratic ticket of Biden-then-Harris. European stocks were the exception as they landed in negative territory for the month and stocks in the Asia Pacific region managed to climb out of a midmonth hole to end in the green. In a sign of the strength of investor enthusiasm and momentum, U.S.-listed ETF inflows, a growing share of the investment market, hit a record in November. One risk to this holiday cheer is the height of the bar for 2025 as many Wall Street sell-side strategists have raised their stock market expectations for the upcoming year with price targets ranging from 6,500 7000 for the S&P 500 Index, which ended November at 6,032. The U.S. economy continued to surprise prognosticators as growth revisions were resilient versus sputtering growth engines in Europe and China.
- For November, Global Infrastructure securities were the only segment of Liquid Real Assets to outperform the broader equity market on the back of the higher exposure to energy and utilities companies, especially in the U.S. Global Real Estate Securities, U.S. TIPS, and Commodity Futures posted positive performance but trailed the broader equity markets. Global Real Estate and TIPS benefitted from lower yields on the front-end of the curve while Commodity Futures were supported by strength in cocoa, coffee, and natural gas. Conversely, Natural Resource Equities were weaker for the month, adding to negative performance year-to-date, with mining companies being a particularly heavy yoke on the sector.
- In central bank activity, the U.S. Federal Reserve's FOMC cut its target rate by 25bps to 4.75% to ease monetary conditions in support of a softening labor market while inflation remained subdued. The Bank of England also cut by 25bps, to ease monetary conditions, in their last meeting on November 7th.
- In geopolitical events, the war in Ukraine escalated as Western governments permitted Ukraine to use longer-range weapons to strike targets in Russia, which it did. The move was reciprocated by Russia, which, for the first time in the conflict, fired ICBM (inter-continental ballistic missiles) to strike Ukraine and also loosened its nuclear protocols. Political fighting, while not as physical but none-the-less still impactful, was waged over budgets in the capitals of France, Germany, and the UK. French political turmoil drove a turn of events which stood in contrast to the Eurozone debt crisis a decade ago, as markets sent the yields of French government bonds to levels above those of Spain's and near parity with Greece's, though still well inside Italy's. Germany remained the stalwart of the major European economies with the lowest funding rates of government debt.
- Based on the other macro indicators we track it appeared to be a risk-on type of month as volatility decreased, credit spreads narrowed, and break-even inflation yields fell. The VIX Index fell 9.7 points to end the month at 13.5, a nearly 42% drop. It is worth noting, the end of November tends to be a lower volume period for equity markets given the U.S. holiday, although this could exacerbate market reactions to surprise events. The U.S. dollar (per the DXY Index) strengthened, rising 1.7%, to end the month at 105.7. Gold prices retraced down by -\$101 to \$2,643, falling -3.7%, suggesting the market is not as worried about U.S. credit risk stemming from fiscal deficits and diminishing central bank independence. Finally, Crude Oil prices continued to weaken, ending the month at ~\$68/bbl for WTI.
- With the U.S. presidential election behind us, markets began to focus on potential policy impacts, political turmoil in Europe, and continued regional conflicts, which have the potential to spread. Policy implications can affect growth dynamics, interest rates, and currency strength, all of which filter through corporate balance sheets and cash statements. Corporate profit growth, and cash flow discount rates (derived risk-free rates and risk spreads), impact stock prices and market valuations. While the trend can be your friend, things can turn on a dime, which is why we continue to prefer an all-weather portfolio, which includes an allocation to Real Assets.

Source: DWS and Bloomberg, as of November 30, 2024

In EMEA for Professional Clients (MiFID Directive 2014/65/EU Annex II) only. In Switzerland for Qualified Investors (Art. 10 Para. 3 of the Swiss Federal Collective Investment Schemes Act (CISA)). In APAC and LATAM for institutional investors only. In Australia and New Zealand: for Wholesale Investors only. *For investors in Bermuda: This is not an offering of securities or interests in any product. Such securities may be offered or sold in Bermuda only in compliance with the provisions of the Investment Business Act of 2003 of Bermuda which regulates the sale of securities in Bermuda. In North America, for institutional use and registered representative use only. Not for public viewing or distribution.

For real assets classes

- Global Real Estate securities saw gains in November but underperformed the broader market. Regionally, the U.S. performed the best and Australia also finished in positive territory, but all other regions/countries saw losses with the Asia ex Japan region falling the most. In the U.S., Hotels rose the most, while Data Centers and Regional Malls also performed notably well. In contrast, Healthcare, Specialty, and Net Lease saw small losses. Across Europe, defensive Swiss real estate stocks were the best performing, followed by European Residential finishing marginally in positive territory. All other segments declined, with Europe Diversified falling the most followed by the Nordics. In the UK, niche property stocks unperformed the Large Caps, but both declined overall. In the Asia Pacific region, Australia Diversified Growth performed the best, while Australia Rental and Japan REITs saw slight gains. All other segments declined, with Hong Kong Developers and Singapore REITs falling the most.
- Global Infrastructure securities rebounded strongly in November and outperformed the broader market. Regionally, the Americas saw meaningful positive returns, the Asia Pacific region rose less, and Europe declined slightly. In the Americas, performance was led by the midstream energy complex. Americas Waste also saw notable gains. Americas Rail and Utilities as well as Latin American Airports rose less, while Americas Communication declined. Across Europe, UK infrastructure stocks were the only segment to see positive returns, while Europe Communications fell the most. Europe Utilities and Transport dropped to a lesser degree. Finally, in the Asia Pacific region, Japan infrastructure stocks saw hefty gains, and Australia infrastructure securities rose mildly, while Asia ex Japan names saw modest losses.
- Commodities saw slight gains in November, while Natural Resource equities declined; both underperformed the broader market. On the physical side, the energy complex was the best preforming, although gains were largely limited to Natural Gas as Crude Oil and most distillate pries declined. Agriculture commodities also rose overall, with big upward price swings seen in Cocoa and Coffee. However, Sugar, Wheat, and the Soybean complex declined. Livestock saw slight declines with Lean Hog prices falling. Industrial Metals prices declined overall with Copper falling the most and only Nickel seeing a gain. Precious Metals were the laggards with Palladium falling the most followed by Silver, while losses in Gold were more modest. In the equities, only the Energy sector saw positive returns with gains in Developed Oil & Gas. Agriculture equites saw slight losses, while Metals & Mining saw more meaningful losses, although the Steel producers managed to see positive returns.

Global real estate

Broad themes

The outlook for commercial real estate has improved in part with the easing of monetary policy and conditions. Both growth and inflation pressures are easing, giving the Fed more optionality regarding additional rate cuts, with the market currently pricing three cuts by the end of 2025. Sector fundamentals are slowly improving, with lower rates providing a tailwind to initial earnings guidance. Private market values have firmed with lower lending costs, and transaction volumes are accelerating. Bank lending is easing, while public REITs retain access to the capital markets, with unsecured debt being a competitive advantage. Companies are increasingly tapping the equity markets to fund accretive development/acquisitions, with the prospect of more IPOs in 2025 after seeing a few REIT IPOs in 2024. We maintain a slight defensive tilt but are more balanced in the near-term given the probability of both declining economic growth and inflation for the fourth quarter of 2024.

Sector-level themes

- Net Lease acquisition volumes and spreads improving as cost of capital benefits from lower rates
- Industrial leasing has improved, but occupancy gains pushed to 2025 as SoCal still soft; supply outlook moving favorably
- Healthcare senior housing and skilled nursing occupancy still accelerating; less recovery in life science leasing
- Retail / Malls leasing demand remains robust; low tenant distress favors malls but strips fundamentals accelerate in '25
- Data Centers Al euphoria strong but fear of overinvestment tempering enthusiasm; power availability still scarce
- Hotels group remains strongest while leisure and business transient have softened
- Self Storage rate of change in market rent declines improving although still negative; green shoots of demand materializing
- Residential apartment fundamentals better than expected amid supply; watching for move outs to buy on lower rates
- Office absorption still weak but stabilizing; tenant activity starting to show green shoots, and availability could be peaking

Source: DWS and Bloomberg, as of November 30, 2024

Global infrastructure

Broad themes

We remain focused on relative valuations and companies that can maintain and grow cash flows as we assess opportunities within the space. Inflation data has eased, and the labor market and economic growth have remained stable, with markets expecting to see around three cuts by the end of 2025. In the U.S., Infrastructure should benefit given its inflation passthrough traits and necessity-based assets, and a lower cost of capital in the form of lower long-duration bond yields would also be a positive. We expect performance dispersion to continue, affording active managers alpha opportunities.

Sector-level themes

- Communications Sound fundamentals should support U.S. towers given their stable cashflows, but current earnings
 growth is tepid. In the U.S. and Europe, revenue growth is expected to maintain its current pace, though leasing activity could
 increase next year. Valuations are still attractive and could benefit if long-duration bond yields fall.
- Midstream Energy The negative rate of change is moderating and should improve into next year, and the expected growth from data enter demand for energy continues to buoy the sector. Tension in the Middle East could support oil prices, while Saudi Arabia's decision to seek market share could provide weakness. Company balance sheets remain strong, which should support the sector if fundamentals weaken further.
- Transports Fundamentals remain mixed across asset types and geographies. Toll road traffic has recovered; we expect
 modest growth going forward. European and Mexican airports see strong demand for leisure travel, and the situation
 involving airline fleets taken offline and impacting traffic numbers should improve. U.S. Rail freight volumes have likely
 bottomed, but broader growth is still needed for a catalyst.
- Utilities U.S. electric utilities are at the nexus of robust data center development, increasing electrification, and decarbonization trends and we regard it as the best infrastructure growth sector. In Europe, we favor electric grid and renewable generators over gas utilities. Regulatory and political risks remain in the UK water sector, but upcoming determination will give some clarity. Utilities should continue to benefit from capex spend due to favorable policies on renewable energy projects and EV charging stations.

Natural resource equities

Broad themes

Key themes include the scope of China's stimulus, developed economies' growth trajectory, and dearth of capacity due to low capex levels. This space is also impacted by geopolitical developments, including the Ukraine-Russia conflict, Middle East tensions, and potential U.S. tariffs.

Sector-level themes

- Base Metals producers Chinese stimulus, the potential impact of possible U.S. tariffs, and the scope of supply losses are key. We remain cautious on China's property markets while stimulus-driven improvements temper our otherwise negative outlook for steel and iron ore. Pockets of strength elsewhere (e.g. grid, infrastructure) keep us relatively constructive on aluminum and copper. Supply-side concerns, lack of investment, and broadening of policy support present upside risk for metals prices, while tariffs, China's weak property sector, and depressed consumer confidence create downside risks.
- Precious Metals and mining companies Key focal points include a dovish bias from central banks, central bank buying, geopolitical events, and structural government debt and deficit concerns. Physical demand in the East remains a key driver and Western ETF purchases reflect a safety bid. Platinum & Palladium have lagged and remain sensitive to changes in industrial/manufacturing activity.
- Paper & Forestry Supply chain constraints have eased; cost inputs are mixed but stable overall. In downstream areas such as containerboard, destocking headwinds have largely abated and capacity utilization has improved, leading to a tighter supply-demand backdrop in the U.S. while Europe remains a bit looser. Pulp prices are close to marginal cost and may be bottoming, although new supply likely limits upside for now. Lumber prices continue to face challenging housing affordability, but supply curtailments are slowly helping balance the market.
- Energy companies -Oil prices are near the low end of their range over the past 18 months on a combination of manic sentiment, tepid demand for diesel and gasoline, and concerns over OPEC supply growth and cohesion. Absent a meaningful rebound in demand, we expect rallies to be fleeting, and the return of OPEC+ supply in 2025 could pressure prices lower. Natural gas prices remain rangebound as production follows prices up and down, major directional moves most likely to be a function of local weather developments.

Source: DWS and Bloomberg, as of November 30, 2024

Commodities

Sector-level themes

Energy

- Prices in the Energy complex were mixed in November as Natural Gas returns rebounded strongly, while crude oil and most distillates were in negative territory after knee-jerk selling post U.S. elections. Stronger USD exchange rates and elevated concerns over trade war with China was a drag on oil's demand outlook. De-escalation in the Middle East further reduced likelihood of a supply disruption from Iran. While market participants expect the voluntary production cap by OPEC+R members to extend into 2025, many viewed delay of the scheduled OPEC oil minister meeting as a telltale that there might be disagreement on the production cap within OPEC ranks.
- Natural Gas prices rose in the month, taking its lead from cold weather. Although U.S. inventory is above its 5-year average for this period, the market expects a higher-than-average draw due to the incremental adds for Heating Degree Days (HDD) base. Also, Europe experienced early cold weather. Most of the spot cargos have been taken up by South Asian buyers (India in particular), so increased HDD draws for Northern Europe and Italy came mostly from storage.
- Our view: While overall trading theme remains bearish as any advances will be taken as selling opportunities with risk/reward ratios highly favorable towards additions, and the fundamental supply and demand projection remain challenging for oil price. We expect OPEC+R to extend the voluntary production cut through the first quarter of 2025. While the move should help mitigate the immediate deficit concerns, the longer-term oil price outlook remain dependent on murky demand growth path. Recent cold weather has helped pulling forward natural gas demand, however, longer term weather forecast shows potential return to above average temperature in the coming weeks. This could be a negative headwind for natural gas prices.

Metals

- Industrial Metals posted negative price performance in November. Most industrial metals we track ended the month lower, with Zinc as the outlier with positive returns, while copper fell the furthest. A report of Trafigura buying zinc to cover cancelled warrants for LME warehouses in Asia helped drive up the price. Despite the price move, zinc smelting capacity remains too high, and market expects to see rationalization of smelting capacity as zinc treatment charge remain negative during the current negotiating for 2025 treatment charge, which should lead to more rationalization for smelting capacity over time.
- Precious Metals also declined in November with Palladium falling furthest, followed by Silver, Platinum, and Gold. USD strengthened and recent U.S. rhetoric regarding tariffs for Canadian and Mexican imports raised concerns over potential inflation impacts. Strong U.S. economic data may also lead to slower than expected rate cuts for the Fed. Additionally, investor demand as reflected by ETF holding of gold declined.
- Our view: Lack of Chinese policy measures means USD level and potential U.S. trade policy will play more prominent roles to both base and precious metals. We expect Chinese government to adjust policies as the new Trump administration firms up its policy stance.

Agriculture

- Agriculture commodities outperformed the broader commodity market driven by strength in Cocoa, Coffee, and Corn. Cattle
 and Cotton prices also moved up slightly, while prices for Soybean Oil, Sugar, Wheat, Soybean Meal, and Hogs were lower.
 The Coffee market continues to rally, reaching price level not seen since the 1970's. Although Brazil weather conditions have
 improved, market participants anticipate the drought impact on pollination has already set in, and Brazil is due for a very poor
 production season in 2025. Contrary to coffee price, the impact of moderating weather is priced into rising expectation of
 better crop, putting pressure on sugar price.
- Our view: While the demand side factors, particularly the weather in the southern hemisphere, continue to play a more prominent role on agricultural commodity prices, the market is on hold with regards to the demand side impact. Corn exports remains above the 5-year average, and soybean exports rose above the seasonal norm. Both might imply restocking ahead of trade tensions to come.

Source: DWS and Bloomberg, as of November 30, 2024

Important Information

In EMEA for Professional Clients (MiFID Directive 2014/65/EU Annex II) only. In Switzerland for Qualified Investors (Art. 10 Para. 3 of the Swiss Federal Collective Investment Schemes Act (CISA)). In APAC and LATAM for institution-al investors only. In Australia and New Zealand: for Wholesale Investors only. *For investors in Bermuda: This is not an offering of securities or interests in any product. Such securities may be offered or sold in Bermuda only in compliance with the provisions of the Investment Business Act of 2003 of Bermuda which regulates the sale of securities in Bermuda. In North America, for institutional use and registered representative use only. Not for public viewing or distribution.

Index returns do not reflect fees or expenses, and it is not possible to invest directly in an index. Diversification neither assures a profit nor guarantees against loss.

Important information - North America

The brand DWS represents DWS Group GmbH & Co. KGaA and any of its subsidiaries, such as DWS Distributors, Inc., which offers investment products, or DWS Investment Management Americas Inc. and RREEF America L.L.C., which offer advisory services.

This document has been prepared without consideration of the investment needs, objectives or financial circumstances of any investor. Before making an investment decision, investors need to consider, with or without the assistance of an investment adviser, whether the investments and strategies described or provided by DWS, are appropriate, in light of their particular investment needs, objectives and financial circumstances. Furthermore, this document is for information/discussion purposes only and does not and is not intended to constitute an offer, recommendation or solicitation to conclude a transaction or the basis for any contract to purchase or sell any security, or other instrument, or for DWS to enter into or arrange any type of transaction as a consequence of any information contained herein and should not be treated as giving investment advice. DWS, including its subsidiaries and affiliates, does not provide legal, tax or accounting advice. This communication was prepared solely in connection with the promotion or marketing, to the extent permitted by applicable law, of the transaction or matter addressed herein, and was not intended or written to be used, and cannot be relied upon, by any taxpayer for the purposes of avoiding any U.S. federal tax penalties. The recipient of this communication should seek advice from an independent tax advisor regarding any tax matters ad-dressed herein based on its particular circumstances. Investments with DWS are not guaranteed, unless specified. Although information in this document has been obtained from sources believed to be reliable, we do not guarantee its accuracy, completeness or fairness, and it should not be relied upon as such. All opinions and estimates herein, including forecast returns, reflect our judgment on the date of this report, are subject to change without notice and involve a number of assumptions which may not prove valid.

Investments are subject to various risks, including market fluctuations, regulatory change, counterparty risk, possible delays in repayment and loss of income and principal invested. The value of investments can fall as well as rise and you may not recover the amount originally invested at any point in time. Further-more, substantial fluctuations of the value of the investment are possible even over short periods of time. Further, investment in international markets can be affected by a host of factors, including political or social conditions, diplomatic relations, limitations or removal of funds or assets or imposition of (or change in) exchange control or tax regulations in such markets. Additionally, investments denominated in an alternative currency will be subject to currency risk, changes in exchange rates which may have an adverse effect on the value, price or income of the investment. This document does not identify all the risks (direct and indirect) or other considerations which might be material to you when entering into a transaction. The terms of an in-vestment may be exclusively subject to the detailed provisions, including risk considerations, contained in the Offering Documents. When making an investment decision, you should rely on the final documentation relating to the investment and not the summary contained in this document.

An investment in real assets involves a high degree of risk, including possible loss of principal amount invested, and is suitable only for sophisticated investors who can bear such losses. The value of shares/units and their derived income may fall or rise. Any forecasts provided herein are based upon DWS's opinion of the market at this date and are subject to change dependent on the market. Past performance or any prediction, projection or forecast on the economy or markets is not indicative of future performance.

War, terrorism, sanctions, economic uncertainty, trade disputes, public health crises and related geopolitical events have led and in the future may lead to significant disruptions in US and world economies and markets, which may lead to increased market volatility and may have significant adverse effects on the fund and its investments.

This publication contains forward looking statements. Forward looking statements include, but are not limited to assumptions, estimates, projections, opinions, models and hypothetical performance analysis. The forward-looking statements expressed constitute the author's judgment as of the date of this material. Forward looking statements involve significant elements of subjective judgments and analyses and changes thereto and/or consideration of different or additional factors could have a material impact on the results indicated. Therefore, actual results may vary, perhaps materially, from the results contained herein. No representation or warranty is made by DWS as to the reasonableness or completeness of such forward looking statements or to any other financial information contained herein. We assume no responsibility to advise the recipients of this document with regard to changes in our views.

No assurance can be given that any investment described herein would yield favorable investment results or that the investment objectives will be achieved. Opinions ex-pressed herein may differ from the opinions expressed by departments or other divisions or affiliates of DWS. This document may not be reproduced or circulated without our written authority. The manner of circulation and distribution of this document may be restricted by law or regulation in certain countries. This document is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, including the United States, where such distribution or use builds or use would be contrary to law or regulation or which would subject DWS to any registration or licensing requirement within such jurisdiction. Persons into whose possession this document may come are required to inform themselves of, and to observe, such restrictions.

Past performance is no guarantee of future results; nothing contained herein shall constitute any representation or warranty as to future performance. Further information is available upon investor's request. All third-party data (such as MSCI, S&P & Bloomberg) are copyrighted by and proprietary to the provider.

Important Information – North America

For Investors in Canada: No securities commission or similar authority in Canada has reviewed or in any way passed upon this document or the merits of the securities described herein and any representation to the contrary is an offence. This document is intended for discussion purposes only and does not create any legally binding obligations on the part of DWS Group. Without limitation, this document does not constitute an offer, an invitation to offer or a recommendation to enter into any transaction. When making an investment decision, you should rely solely on the final documentation relating to the transaction you are considering, and not the information contained herein. DWS Group is not acting as your financial adviser or in any other fiduciary capacity with respect to any transaction presented to you. Any transaction(s) or products(s) mentioned herein may not be appropriate for all investors and be-fore entering into any transaction you should take steps to ensure that you fully understand such transaction(s) and have made an independent assessment of the appropriateness of the transaction(s) in the light of your own objectives and circumstances, including the possible risks and benefits of entering into such transaction. You should also consider seeking advice from your own advisers in making this assessment. If you decide to enter into a transaction with DWS Group you do so in reliance on your own judgment. The information contained in this document is based on material we believe to be reliable; however, we do not represent that it is accurate, current, complete, or error free. Assumptions, estimates and opinions contained in this document constitute our judgment as of the date of the document and are subject to change without notice. Any projections are based on a number of assumptions as to market conditions and there can be no guarantee that any projected results will be achieved. Past performance is not a guarantee of future results. The distribution of this document and availability of these products and services in certain jurisdictions may be restricted by law. You may not distribute this document, in whole or in part, without our express written permission.

For investors in Bermuda: This is not an offering of securities or interests in any product. Such securities may be offered or sold in Bermuda only in compliance with the provisions of the Investment Business Act of 2003 of Bermuda which regulates the sale of securities in Bermuda. Additionally, non-Bermudian persons (including companies) may not carry on or engage in any trade or business in Bermuda unless such persons are permitted to do so under applicable Bermuda legislation.

Important information – EMEA, APAC, LATAM

DWS is the brand name of DWS Group GmbH & Co. KGaA and its subsidiaries under which they do business. The DWS legal entities offering products or services are specified in the relevant documentation. DWS, through DWS Group GmbH & Co. KGaA, its affiliated companies and its officers and employees (collectively "DWS") are communicating this document in good faith and on the following basis.

This document is for information/discussion purposes only and does not constitute an offer, recommendation or solicitation to conclude a transaction and should not be treated as investment advice.

This document is intended to be a marketing communication, not a financial analysis. Accordingly, it may not comply with legal obligations requiring the impartiality of financial analysis or prohibiting trading prior to the publication of a financial analysis.

This document contains forward looking statements. Forward looking statements include, but are not limited to assumptions, estimates, projections, opinions, models and hypothetical performance analysis. No representation or warranty is made by DWS as to the reasonableness or completeness of such forward looking statements.

Past performance is no guarantee of future results.

The information contained in this document is obtained from sources believed to be reliable. DWS does not guarantee the accuracy, completeness or fairness of such information. All third-party data is copyrighted by and proprietary to the provider. DWS has no obligation to update, modify or amend this document or to otherwise notify he recipient in the event that any matter stated herein, or any opinion, projection, forecast or estimate set forth herein, changes or subsequently becomes inaccurate.

Investments are subject to various risks. Detailed information on risks is contained in the relevant offering document.

No liability for any error or omission is accepted by DWS. Opinions and estimates may be changed without notice and involve a number of assumptions which may not prove valid.

DWS does not give taxation or legal advice.

This document may not be reproduced or circulated without DWS's written authority.

This document is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, including the United States, where such distribution, publication, availability or use would be contrary to law or regulation or which would subject DWS to any registration or licensing requirement within such jurisdiction not currently met within such jurisdiction. Persons into whose possession this document may come are required to inform themselves of, and to observe, such restrictions.

© 2024 DWS International GmbH

Issued in the UK by DWS Investments UK Limited which is authorised and regulated by the Financial Conduct Authority. © 2024 DWS Investments UK Limited

In Hong Kong, this document is issued by DWS Investments Hong Kong Limited and the content of this document has not been reviewed by the Securities and Futures Commission.

© 2024 DWS Investments Hong Kong Limited

Important Information – EMEA, APAC, LATAM

In Singapore, this document is issued by DWS Investments Singapore Limited and the content of this document has not been reviewed by the Monetary Authority of Singapore.

© 2024 DWS Investments Singapore Limited

In Australia, this document is issued by DWS Investments Australia Limited (ABN: 52 074 599 401) (AFSL 499640) and the content of this document has not been reviewed by the Australian Securities Investment Commission. © 2024 DWS Investments Australia Limited

For institutional / professional investors in Taiwan:

This document is distributed to professional investors only and not others. Investing involves risk. The value of an in-vestment and the income from it will fluctuate and investors may not get back the principal invested. Past performance is not indicative of future performance. This is a marketing communication. It is for informational purposes only. This document does not constitute investment advice or a recommendation to buy, sell or hold any security and shall not be deemed an offer to sell or a solicitation of an offer to buy any security. The views and opinions expressed herein, which are subject to change without notice, are those of the issuer or its affiliated companies at the time of publication. Certain data used are derived from various sources believed to be reliable, but the accuracy or completeness of the data is not guaranteed and no liability is assumed for any direct or consequential losses arising from their use. The duplication, publication, extraction or transmission of the contents, irrespective of the form, is not permitted.

© 2024 DWS Group GmbH & Co. KGaA. All rights reserved. North America: 075221_241 / ex-North America: 101360_28 (12/24)