# **CIO View**

APAC CIO View

November 1, 2024 Marketing material



# Supply Chain Diversification: Future Opportunities in ASFAN Market

#### IN A NUTSHELL



Ivy-sw Ng APAC Chief Investment Officer



Tommy Law Institutional Product Specialist Analyst

- While the "China + 1" strategy is not new, the increasingly protectionist stance of the US and European Union against China makes it worthwhile to revisit its current status and explore new opportunities within the global supply chain that could benefit from this strategy.
- Association of Southeast Asian Nations (ASEAN) countries have received significant foreign direct investment (FDI) and gained market share in the textile & garment, electrical & electronics, and automotive industries over the past years.
- Future investment opportunities could arise as semiconductor manufacturers in the region move up the value chain. The pharmaceutical industry and renewables could also gain traction by leveraging the strong manufacturing foundation.
- However, supply chain diversification could become less effective given China's growing economic influence in the ASEAN region and could expose global firms to a new set of risks.

Since 2018, the Sino-US trade disputes sparked the rise of the "China + 1" strategy, where businesses diversify supply chains by maintaining operations in China while expanding into other markets. The COVID-19 pandemic and the Russo-Ukrainian War have highlighted the risks of relying on a single market, making the "China + 1" strategy essential for global business planning. With the US election approaching, both Kamala Harris and former President Trump have demonstrated protectionist stances against China. Trump has been vocal about a 60% tariff on Chinese goods, while Harris has pledged to continue the Biden administration's trade policies. Given this backdrop, global companies are likely to keep investing in ASEAN countries to ensure supply chain resilience. Therefore, it is timely to revisit the current status of the "China + 1" strategy and explore new opportunities within the global supply chain.

Chart 1: Foreign Direct Investment of ASEAN Countries (excluding Singapore) 2018 – 2023



Chart 2: ASEAN Countries (excluding Singapore) Export as % of Global Total Export



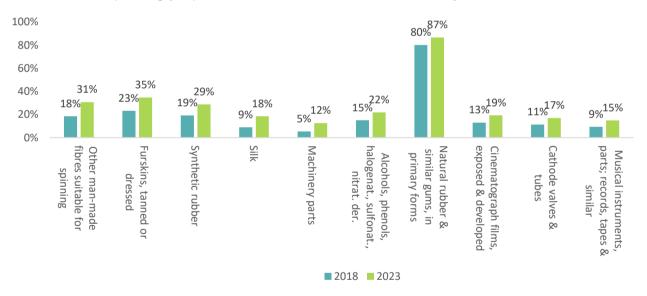
Sources: BPS-Statistics Indonesia, as of December 31, 2023. Malaysia's Na- Source: UN Comtrade, as of December 31, 2023 tional Statistics Organisation, as of December 31, 2023. Ministry of Planning and Investment of the Socialist Republic of Vietnam, as of December 31, 2023. The Board of Investment of Thailand, as of December 31, 2023. Philippine Statistics Authority, as of December 31, 2023.

#### Where are we now?

Since the US-China trade disputes began six years ago, there has been a surge in foreign direct investment (FDI) in ASEAN countries, particularly in Indonesia, Malaysia, and Vietnam. The ASEAN share of the global export market increased from 5.2% in 2018 to 6.2% in 2023. Although this gain appears modest, global companies have leveraged the unique advantages of each country to enhance supply chain resilience. Consequently, several competitive manufacturing hubs have emerged in the region, gaining significant market share in the global export market.

Vietnam, for example, has made substantial gains in the textile and electronics parts production sectors. Complementing this growth, the Vietnamese government's transport infrastructure master plan aims to build 5,000 km of new expressways, high-speed rail routes, deep-water ports, and new international airport. These developments are poised to significantly enhance the country's transportation capacity, supporting its ambition to become a regional manufacturing hub. Malaysia has become a leading hub for semiconductor manufacturing, attracting substantial FDI from major firms like Intel and Micron. According to HSBC Global Research, electronics have driven significant investment into Malaysia since the pandemic, accounting for 64% of Malaysia's total manufacturing FDI in 2023. As a result, Malaysia's export share of integrated circuits and parts increased from 6.7% in 2018 to 10.2% in 2023. Indonesia, leveraging its rich nickel resources—a key component of electric vehicle (EV) battery production—is gradually becoming an integrated hub for EV manufacturing through its commodity down-streaming policy. While FDI into Thailand and the Philippines is comparatively lower, they have seen varying degrees of market share gains in the textile, electrical and electronics, and automotive industries in the global export market.

Chart 3: Top 10 Merchandise Product Type (excl. primary industry) by Standard International Trade 3 Digit Classification (SITC) that ASEAN Countries (excl. Singapore) has Gained the Most Market Share in the Global Export Market from 2018 – 2023



Source: UN Comtrade, as of December 31, 2023.

<sup>&</sup>lt;sup>1</sup> Source: Vietnam Transport Infrastructure: State, Challenges & Future, October 2024. https://www.vietnam-briefing.com/.

 $<sup>^2 \,</sup> Source: \, Healthy \, FDI \, inflows \, key, \, April \, 8, \, 2024. \, \, Malaysian \, Investment \, Development \, Authority. \, https://www.mida.gov.my/source/properties/force/pro$ 

#### What could be the next supply chain shift?

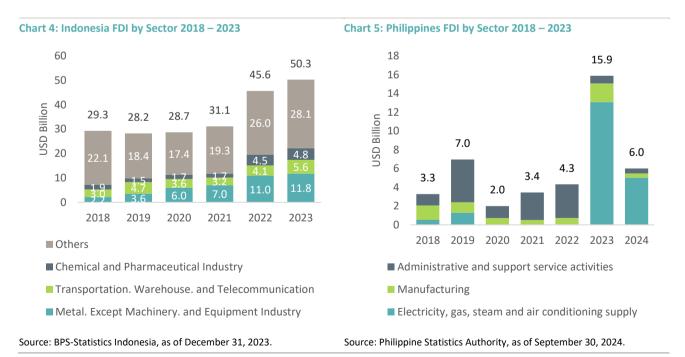
With the US and European Union likely to adopt more protectionist stances against China, a further shift in supply chains from China to ASEAN economies is expected. Identifying industries that could benefit from the "China + 1" strategy is crucial for uncovering early investment opportunities. The Revealed Comparative Advantage (RCA) index can indicate a country's competitive export strengths. Analyzing the RCA index helps identify industries where both China and various ASEAN countries have overlapping strengths, representing potential supply chain relocation opportunities.

Unsurprisingly, most sectors where ASEAN economies have overlapping RCA with China are in textiles and garments, electronics, and home appliances, due to lower labor costs and a relatively skilled, young workforce. Although significant investments have been made in these sectors, FDI is expected to continue, with potential for further export share gains. Future investment opportunities are likely to emerge around these sectors with established competitive advantages.

For example, Malaysia has leveraged its leading position in semiconductor assembly, testing, and packaging by setting up its first chip design hub in Selangor in August 2024, aiming to move up the value chain. The country has capitalized on the proliferation of cloud computing and the growth of the Internet of Things (IoT) to establish itself as a data center powerhouse. According to HSBC estimates, data center supply in Malaysia could reach 4.1 gigawatts (GW) by 2030, the highest among ASEAN countries.

The strong manufacturing base in the region could also boost the pharmaceutical industry, both in drugs and medical equipment, as global firms address the rapidly growing domestic market due to favorable demographics. Within the region, Singapore is a well-established innovation hub. While other markets are relatively more nascent, Indonesia is increasingly seen as a key manufacturing hub for pharmaceutical products. A surge in investment has been witnessed, with global drugmakers such as Novo Nordisk partnering with local pharmaceutical companies to package pharmaceutical goods in the country.<sup>3</sup>

Renewable energy, such as solar photovoltaic (PV) and its components, could gain traction due to supply chain synergies with the region's established electronics industry (e.g., inverters and control systems). In fact, there has been a surge of FDI in renewable energy in the Philippines, with investors from China and Switzerland, after the country started to allow 100% foreign ownership in renewable energy projects since 2022.



<sup>&</sup>lt;sup>3</sup> Source: Indonesia Strengthens Pharma Sector with Novo Nordisk Partnership, July 25, 2024. https://www.aseanbriefing.com/.

#### Another Set of Risks

While the "China + 1" strategy aims to mitigate risks associated with over-reliance on China, it could expose companies to additional operational risks. Global firms must navigate the heightened complexity of supply chains across different jurisdictions. Furthermore, China's economic influence in ASEAN has consistently increased over the last decade, as evidenced by the higher share of FDI and trade value in ASEAN countries. This growing influence has enhanced ASEAN's integration into regional and global markets but could also make the region more susceptible to China-related risks, potentially undermining the benefits of supply chain diversification in the future.

Nevertheless, with rising geopolitical tensions globally, ASEAN countries are likely to continue attracting FDI, representing significant investment opportunities. It is understandable that most investors are not yet heavily invested in ASEAN markets due to concerns about market size, liquidity, and currency risks. Additionally, investing in growth sectors within the secondary market is challenging, as a significant portion of ASEAN market capitalization is concentrated in banks. However, banks could be a good proxy for regional economic growth and appear to be well-positioned to potentially be a key beneficiary of sustained FDI inflows.



Source: Association of Southeast Asian Nations, as of December 31, 2023.

### Glossary

Protectionism refers to government policies that restrict international trade to help domestic industries.

Foreign direct investment (FDI) is a category of cross-border investment in which an investor resident in one economy establishes a lasting interest in and a significant degree of influence over an enterprise resident in another economy.

Commodity down-streaming is an economic policy proposed in Indonesia to prioritize development of commodity downstream processing industries

Cloud computing is the on-demand availability of computer system resources, especially data storage (cloud storage) and computing power, without direct active management by the user.

The Internet of Things (IoT) describes the network of physical objects—"things"—that are embedded with sensors, software, and other technologies for the purpose of connecting and exchanging data with other devices and systems over the internet.

Solar photovoltaic is a system to generate electricity from sunlight

# **Appendix**

Table 1: List of Products (excluding primary goods) which China and ASEAN Countries (excluding Singapore) have Overlapping Revealed Comparative Advantage (RCA > 1)

	SITC 3 Digit Category	Indonesia	Malaysia	Philippines	Thailand	Vietnam
Chemical	Nitrogen-function compounds	No	No	No	No	No
	Carboxylic acids, anhydrides, halides, per.; derivati.	Yes	Yes	No	Yes	No
	Inorganic chemical elements, oxides & halogen salts	Yes	No	No	No	No
Textile & Garment	Fabrics, woven, of man-made fabrics	Yes	No	No	No	No
	Knitted or crocheted fabrics, n.e.s.	No	No	No	No	Yes
	Silk	No	No	No	No	Yes
	Made-up articles, of textile materials, n.e.s.	No	No	No	No	Yes
	Cotton fabrics, woven	No	No	No	Yes	No
	Tulles, trimmings, lace, ribbons & other small wares	No	No	No	Yes	No
	Clothing accessories, of textile fabrics	No	No	No	No	Yes
	Women's clothing, of textile, knitted or crocheted	Yes	No	No	No	Yes
	Articles of apparel, clothing access., excluding textile	Yes	Yes	No	Yes	Yes
	Footwear	Yes	No	No	No	Yes
	Manufactures of leather, n.e.s.; saddlery & harness	No	No	No	Yes	Yes
	Women's clothing, of textile fabrics	Yes	No	No	No	Yes
	Special yarn, special textile fabrics & related	No	No	No	Yes	Yes
	Men's or boy's clothing, of textile, knitted, croche.	Yes	No	No	No	Yes
	Textile yarn	Yes	No	No	No	Yes
	Articles of apparel, of textile fabrics, n.e.s.	Yes	No	No	No	Yes
	Men's clothing of textile fabrics, not knitted	Yes	No	No	No	Yes
	Synthetic fibres suitable for spinning	Yes	Yes	No	Yes	Yes
	Other man-made fibres suitable for spinning	Yes	No	No	Yes	No
	Furskins, tanned or dressed, excluding those of 8483	No	Yes	No	Yes	No
Electronics	Automatic data processing machines, n.e.s.	No	Yes	Yes	Yes	Yes
	Telecommunication equipment, n.e.s.; & parts, n.e.s.	No	Yes	No	No	Yes
	Electrical machinery & apparatus, n.e.s.	No	Yes	Yes	No	No
	Office machines	No	No	Yes	Yes	Yes
	Sound recorders or reproducers	No	No	No	Yes	Yes
	Electric power machinery, and parts thereof	No	No	Yes	Yes	Yes
	Textile & leather machinery, & parts thereof, n.e.s.	No	No	No	Yes	Yes
	Photographic apparatus & equipment, n.e.s.	No	No	Yes	Yes	Yes
	Heating & cooling equipment & parts thereof, n.e.s.	No	No	No	Yes	No
	Parts, accessories for machines of groups 751, 752	No	Yes	Yes	Yes	Yes
	Rotating electric plant & parts thereof, n.e.s.	No	No	No	No	Yes
	Apparatus for electrical circuits; board, panels	No	Yes	Yes	Yes	No
	Equipment for distributing electricity, n.e.s.	No	No	Yes	No	Yes
	Cathode valves & tubes	No	Yes	Yes	No	Yes
	Meters & counters, n.e.s.	No	Yes	Yes	No	Yes
Furniture	Furniture & parts	Yes	No	No	No	Yes
Home Appliances	Household equipment of base metal, n.e.s.	No	No	No	Yes	No
	Cutlery	No	No	No	No	Yes
	Household type equipment, electrical or not, n.e.s.	No	No	No	Yes	No
	Television receivers, whether or not combined	Yes	Yes	Yes	Yes	Yes
	Radio-broadcast receivers, whether or not combined	No	Yes	Yes	Yes	No
Industrial	Vapour generating boilers, auxiliary plant; parts	No	No	No	No	Yes
	Flat-rolled prod., iron, non-alloy steel, coated, clad	No	No	No	No	Yes
	Wire of iron or steel	No	Yes	No	No	Yes

Pumps (excluding liquid), gas compressors & fans; centr. Nο No No Yes No Ball or roller bearings No No No Yes No Machine-tools working by removing material No No No Yes No Glassware No No Yes No No Articles, n.e.s., of plastics Yes Yes No No No Glass No Yes No No Manufactures of base metal, n.e.s. No No No Yes No Rubber tyres, tyre treads or flaps & inner tubes Yes No No Yes Yes Materials Nails, screws, nuts, bolts, rivets & the like, of metal No No No No Yes Mineral manufactures, n.e.s. No No No Yes Yes Polyethers, epoxide resins; polycarbonat., polyesters No Yes No Yes No Plates, sheets, films, foil & strip, of plastics No No No Yes No Lime, cement, fabrica. constr. mat. (excluding glass, clay) Yes No No Yes Yes Wood manufacture, n.e.s. Yes No No No Yes Timber Products Veneers, plywood, and other wood, worked, n.e.s. Yes Yes No Yes Yes No No No Pottery No Yes Baby carriages, toys, games & sporting goods No No No No Yes Travel goods, handbags & similar containers No No Yes No Yes Motorcycles & cycles Yes No No Yes Yes Sanitary, plumbing, heating fixtures, fittings, n.e.s. No No No No Yes Wire products (excluding electrical) and fencing grills No No No Yes Yes Others Prefabricated buildings No No No No Yes Ships, boats & floating structures No No Yes No No No No Yes Floor coverings, etc. No No Explosives and pyrotechnic products No Yes No No No Appliances for pipes, boiler shells, tanks, vats, etc. Yes No No Nο Nο Optical goods, n.e.s. Νo Yes Yes Nο No Synth. organic colouring matter & colouring lakes Yes No No No

Source: UN Comtrade, as of December 31, 2023.

## 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 the 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 documents.

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.

For institutional / professional investors in Taiwan:

This document is distributed to professional investors only and not others. Investing involves risk. The value of an investment 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 Investment GmbH

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

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

© 2024 DWS Investments Hong Kong Limited

In Singapore, this document is issued by DWS Investments Singapore Limited. 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). The content of this document has not been reviewed by the Australian Securities and Investments Commission.

© 2024 DWS Investments Australia Limited

as of 10/28/24; 103195\_1

**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.

Diversification neither assures a profit nor guarantees against loss. Any mentions of specific securities are for illustrative purposes only and should not be considered a recommendation.

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 addressed 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 investment 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.

Companies involved in artificial intelligence and big data face intense competition, may have limited product lines, markets, financial resources and personnel. Artificial intelligence and big data companies are also subject to risks of new technologies and are heavily dependent on patents and intellectual property rights and the products of these companies may face obsolescence due to rapid technological developments.

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 U.S. 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 mate-rial. 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 expressed 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, 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.

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.

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 before 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

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.

@ 2024 DWS Investment GmbH, Mainzer Landstraße 11-17, 60329 Frankfurt am Main, Germany. All rights reserved.

as of 10/28/24; 103195\_1