Beyond the Magnificent Seven: Why Equal Weight Matters in Today's Market

Exploring the impact of equal-weight strategies on diversification, performance and market resilience



July 2025

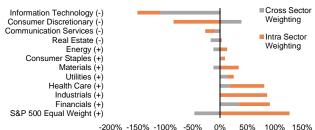
Marketing Material. For Professional Clients (MiFID Directive 2014/65/EU Annex II) only. Not for public distribution. The Funds described in this document are not registered in the United Kingdom and therefore are not recognised as collective investment schemes for the purposes of the Financial Services and Markets Act 2000 of the United Kingdom ("FSMA"). Therefore, the promotion of the funds and the distribution of this document in the United Kingdom is accordingly restricted by law. France: This material has been provided upon your specific request on a reverse solicitation basis. Switzerland: For Qualified Investors (Art. 10 Para. 3 of the Swiss Federal Collective Investment Schemes Act (CISAI).

Why Xtrackers S&P 500 Equal Weight?

Over the last three years, US Equal Weight strategies have evolved from factor niche to a key allocation category for investors outside the US, with over €18 billion of assets allocated in the UCITS space¹. This shift is driven by the desire to diversify sector exposure and enhance resilience across various market cycles. Examples include the Xtrackers S&P 500 Equal Weight UCITS ETF, the first UCITS ETF to offer this innovative exposure, and the recently launched Xtrackers S&P 500 Equal Weight Swap UCITS ETF, which aims to reflect the performance of the "average" USA large-cap company. The S&P 500 Equal Weight index assigns equal weighting, in this case 0.2% weight, to all constituents and rebalances frequently. This approach avoids the skew towards larger companies this is common with the traditional S&P 500 index.

Whilst technology sector gains have driven the majority of recent outperformance of the S&P 500 against the S&P 500 Equal Weight, analysis of returns over a longer time scale demonstrates that the S&P 500 Equal Weight index has outperformed the S&P 500 since 1990, resulting in a total return difference of 692%². Chart 1 demonstrates the longer-term effects of sector allocation differences and examines the performance attribution impact of equal weighting within a given sector (orange) and weighting difference across sectors (blue) since 2003. Applying an equal weight to each stock, has allowed investors to invest into the "average" company which has proven beneficial over multiple cycles.

Chart 1: Attribution Analysis S&P 500 Equal Weight vs. S&P 500 $\,$



¹ Source: ETFBook as of 30th June 2025.

Source: S&P Dow Jones Indices LLC, FactSet. Data from March 31, 2003, to June 30, 2025. Index performance based on total return indices in USD. Past performance is no guarantee of future results.

More recently, however, the performance landscape has changed. As illustrated in chart 2, in recent years the Magnificent 7 have contributed the majority of benchmark returns to the S&P 500. However, investors should remain cognisant of concentration risks, as the winners of today may not necessarily maintain their dominance in the future³ – the very reason for the strong relative long term performance of an equal weighted strategy over longer horizons. Chart 3 demonstrates the heightened idiosyncratic risk in market-cap weighted indices where dominant stocks remain susceptible to disruption. The chart demonstrates that the returns of the top 10 stocks in the US tend to decline, as shown by the average forward returns since 1980, emphasising the importance of diversification and reduced concentration risk of equal-weight strategies.

Chart 2: 2Y performance compared to the S&P 500 vs. S&P 500 Equal Weight



Chart 2 Source: DWS International GmbH, Bloomberg, Past performance does not predict future returns. As of August 2025.

Forecasts are not a reliable indicator of future performance. Forecasts are based on assumptions, estimates, opinions and hypothetical models that may prove to be incorrect.

 $^{^2}$ Source: Bloomberg as of $30^{\rm th}$ June 2025. Comparison of S&P 500 Equal Weight Total Return Index (SPXEQTR Index) and S&P 500 Index (SPX Index). Past performance is not indicative of future returns. Forecasts are not a reliable indicator of future performance

Chart 3: Average forward realised absolute return (US Top 10 companies) since 1980

AI boom drives performance of key indices but innovation leaders tend to become laggards historically

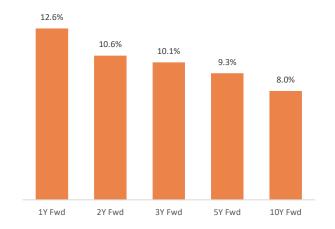


Chart 3 Source: DWS International GmbH, Goldman Sachs, Past performance is not indicative of future returns. As of Sentember 2024

Comparing Physical versus Synthetic Replication

Besides these emerging allocation trends, which fundamentally change US portfolio exposure, investors also face new questions on an old debate – whether to implement synthetically or physically. In essence, the key difference between synthetic replication and physical replication ETFs is the way the exposure of the underlying market is achieved. Physical replication ETFs invest directly in the underlying securities of the index to track it, while synthetic replication ETFs have the same prime objective to track the underlying index but instead use derivatives to achieve this objective.

Synthetically replicated ETFs hold a substitute basket as well as the swap contracts. Daily monitoring by the Portfolio Manager takes place to ensure the substitute basket adheres to the basket rules and risk mitigation procedures. For more information, please refer to Xtrackers Guide to Synthetic Replication.

Why consider the S&P 500 Equal Weight exposure synthetically?

Synthetic ETFs can offer tax advantages for non-US residents under Section 871 (m) of the HIRE Act. This is a US legislative measure intended to prevent non-US investors from avoiding US withholding tax (WHT) on dividends.⁴ Where eligibility criteria are met, exemptions from the legislation permit derivative transactions to pass back dividend performance at 100%, or 0% WHT. In this way, 871m Hire Act exemptions permit up to 30% uplift on dividend yield compared to physical replication where WHT would apply. This uplift is passed back as performance of the swap versus the net total return index.

Classification status is defined at the beginning of every year. At time of writing, the S&P 500 Equal Weight Index is "qualified" and therefore exempt from the 871 (m) HIRE Act regulation. This provides investors with an additional highly efficient implantation route for US exposures. Qualification criteria:

- At least 25 securities in the index
- Public calculation and rebalance methodology
- No single US stock greater than 15% of the index
- Dividend yield does not exceed 150% of S&P 500 Index yield for prior year calendar year struck on 1st January⁵
- No collection of five of fewer stocks that together represent more than 40% weight
- · Referenced by futures or options contracts

Key Takeaways

The surge in interest in equal-weight strategies aligns with investors' preference for diversified exposure and reduced concentration in large-cap technology stocks. Equal weight ETFs can offer a balanced approach across sectors, benefitting from cyclical rotations and offering potential resilience against volatility amongst concentrated market-cap indices.

The Xtrackers offering of both physical and synthetic replication provides an option for investors preferred replication style, each with their own merits.

Xtrackers offer both physical and synthetic replication exposure to this index. Details below:

 $^{^4}$ DWS does not give tax advice. Tax treatment depends on individual circumstances and may be subject to change in the future.

 $^{^5\,}$ Dividends/Payouts are not guaranteed. The amount of dividend payments can change or be completely canceled.

Table 1: Xtrackers S&P 500 Equal Weight UCITS ETF Offering

-
-
8,627.1 mn
155.5 mn
865.3 mn
654.0 mn

^{*}D = distributing share class, C = accumulating share class, ** The fee waiver is applicable for 12-months starting from the launch date of the funds on July 9th, 2025. Thereafter, the all-in fee will return to the standard charges as listed above.

Source: DWS International GmbH, as of July 2025.

Total Return

Table 2: Comparison of S&P 500 Equal Weight Total Return Index (SPXEQTR Index) and S&P 500 Index (SPX Index).

Date	SPXEWTR	SPX Index	SPXEWTR	SPX Index	
	Index		Index		
31/12/2024	4444.90%	3400.27%	23.31%	13.01%	
	0004 = 404		23.3170	13.0170	
31/12/2023	3921.76%	2700.27%	24.23%	13.87%	
31/12/2022	3431.74%	2117.87%	-19.44%	-11.45%	
			-19.44%	-11.45%	
31/12/2021	3888.26%	2608.80%	26.89%	29.63%	

Annual Return

31/12/2020	2976.66%	2005.06%	16.26%	12.83%
31/12/2019	2626.76%	1678.12%	28.88%	29.24%
31/12/2018	2009.90%	1252.45%	-6.24%	-7.64%
31/12/2017	2184.32%	1314.62%	19.42%	18.90%
31/12/2016	1821.22%	1061.25%	9.54%	14.80%
31/12/2015	1573.49%	937.31%	-0.73%	-2.20%
31/12/2014	1611.22%	923.29%	11.39%	14.49%
31/12/2013	1394.62%	800.19%	29.60%	36.16%
31/12/2012	997.72%	580.05%	13.40%	17.65%
31/12/2011	833.00%	486.30%	0.00%	-0.11%
31/12/2010	833.99%	474.21%	12.78%	21.91%
31/12/2009	666.15%	399.06%	23.45%	46.31%
31/12/2008	423.66%	294.68%	-38.49%	-39.72%
31/12/2007	768.74%	526.47%	3.53%	1.53%
31/12/2006	755.67%	493.41%	13.62%	15.80%
31/12/2005	638.94%	412.55%	3.00%	8.06%
31/12/2004	583.81%	388.57%	8.99%	16.95%
31/12/2003	484.69%	340.65%	26.38%	40.97%
31/12/2002	314.76%	242.48%	-23.37%	-18.18%
31/12/2001	406.91%	339.65%	-13.04%	-0.39%
31/12/2000	408.89%	399.02%	-10.14%	9.64%
31/12/1999	364.16%	449.02%	19.53%	12.03%
31/12/1998	314.33%	353.64%	26.67%	12.19%
31/12/1997	269.32%	252.90%	31.01%	29.05%
31/12/1996	186.19%	164.65%	20.26%	19.02%
31/12/1995	140.45%	115.29%	34.11%	32.03%
31/12/1994	82.11%	56.51%	-1.54%	0.95%
31/12/1993	80.39%	54.48%	7.06%	15.12%
31/12/1992	56.69%	40.35%	4.46%	15.63%
31/12/1991	35.51%	30.41%	26.31%	35.51%
31/12/1990	0.00%	0.00%	-	-

Source: Bloomberg as of $20^{\rm th}$ June 2025. Past performance is not indicative of future returns



Tina Lelli Capital Markets Specialist Systematic Investment Solutions





Key Risk Factors S&P 500 Equal Weight (Swap) UCITS ETF

Opportunities

Market, sector and company-related price increases.

Risks

- The Fund is not guaranteed and your investment is at risk. The value of your investment may go down as well as up.
- The value of an investment in shares will depend on a number of factors including, but not limited to, market and economic conditions, sector, geographical region and political events.
- The Fund is exposed to market movements in a single country or region which may be adversely affected by political or economic developments, government action or natural events that do not affect a fund investing in broader markets.
- The Fund follows a rules-based strategy which will deviate from the overall market or parent index. Your investment is likely to be less diversified and there is no guarantee that the index's "rules-based" strategy will be achieved.
- (The Fund will enter into a derivative with a counterparty. If the counterparty fails to make payments (for example, it becomes insolvent) this may result in your investment suffering a loss.)

Disclaimer - General

An investment in an Xtrackers ETF may not be suitable for all investors. Xtrackers UCITS ETFs are not capital protected, therefore investors should be prepared and able to sustain losses up to the total loss of the capital invested.

Investors should be aware that DWS Investments UK Limited, any of its parents or any of its or its parents subsidiaries or affiliates may from time to time own interests in the funds which may represent a significant amount or proportion of the overall investor holdings in the Fund. Investors should consider what possible impact such holdings, or any disposal thereof, may have on them.

Substantial fluctuations of the value of the investment are possible even over short periods of time.

Investments in Xtrackers UCITS ETFs involve numerous risks including but not limited to general market risks relating to the relevant underlying index, credit risks on the provider of index swaps utilised in the Xtrackers UCITS ETFs, possible delays in repayment, market fluctuations, counterparty risk, foreign exchange rate risks, interest rate risks, inflationary risks, liquidity risks, loss of income and principal invested and legal and regulatory risks.

Movements in exchange rates can impact the value of your investment. If the currency of your country of residence is different from the currency in which the underlying investments of the fund are made, the value of your investment may increase or decrease subject to movements in exchange rates.

Shares in Xtrackers UCITS ETFs which are purchased on the secondary market cannot usually be sold directly back to the fund. Investors must purchase and redeem such shares on the secondary market with the assistance of an intermediary (e.g. a market maker or a stock broker) and may incur fees for doing so (as further described in the prospectus). In addition, investors may pay more than the current net asset value of a share in a Xtrackers UCITS ETF when buying shares on the secondary market, and may receive less than the current net asset value when selling such shares on the secondary market. The value of an investment in Xtrackers ETFs may go down as well as up. Past performance does not predict future returns. For further information regarding risk factors, please refer to the risk factors section of the relevant prospectus and the Key Investor Information Document.

Disclaimer:

Clarification on All-in Fee:

Direct replication funds – Investors should be aware that in addition to the All-In Fee, other factors may negatively impact the performance of their investment relative to the underlying index. Examples include: Brokerage and other transaction

costs, Financial Transaction Taxes or Stamp Duties as well as potential differences in taxation of either capital gains or dividend assumed in the relevant underlying index, and actual taxation of either capital gains or dividends in the fund. Investors should also note that currency hedging costs are not included within the All-In Fee.

The precise impact of these costs cannot be estimated reliably in advance as it depends on a variety of non-static factors. Investors are encouraged to consult the audited annual and un-audited semi-annual reports for details.

Investors should note that the All-In Fee does not cover any OTC Swap Transaction Costs, which are embedded in the OTC Swap Transaction of the ETF. OTC Swap Transaction Costs are index replication costs incurred by the Swap Counterparty and may impact the performance of the ETF negatively relative to the underlying index. Index replication costs can be broken down into various categories depending on the nature of the underlying index (long, short or leveraged). A detailed description of each scenario is available in the Prospectus under the heading "Investment Objectives and Policies - Sub-Funds with an Indirect Investment Policy". Investors can access https://etf.dws.com/en-GB for information regarding the applicable scenario and an indication for the latest OTC Swap Transaction Costs.

Disclaimer - EMEA

For investors in EMEA excluding UK and CH:

This marketing communication is intended for professional clients only. Please read the fund prospectus and KID before making a final investment decision.

Important Information

DWS is the brand name under which DWS Group GmbH & Co. KGaA and its subsidiaries do business. Clients will be provided DWS products or services by one or more legal entities that will be identified to them in relevant documentation. This document does not constitute investment advice. Complete information on the Funds/Sub-Funds, including all risks and costs, can be found in the relevant current prospectus. Together with the relevant key information documents, these constitute the only binding sales documents for the Funds. Investors can obtain these documents, together with regulatory information, as well as the latest constitutional documents for the Funds/Sub-Funds from DWS Investment GmbH, Mainzer Landstraße 11-17, 60329 Frankfurt am Main and, in case of Luxembourg domiciled Sub-Funds, from DWS Investment S.A., 2, Boulevard Konrad Adenauer, L-1115 Luxembourg, in printed form free of charge, or for active products available for download from Germany www.dws.de or from different locations in respective languages from https://funds.dws.com and for passive products under www.etf.dws.com. A summary of investor rights for passive products is available: Germany (in German)

https://etf.dws.com/de-de/ueber-uns/umgang-mitbeschwerden-etfs/, Austria (in German) https://etf.dws.com/de-at/ueber-uns/umgang-mitbeschwerden-etfs/, Belgium (in English) https://etf.dws.com/en-be/about-us/how-to-complain-etfs/, France (in French) https://etf.dws.com/fr-fr/a-propos-denous/traitement-des-reclamations-etfs/, Luxembourg (in English) https://etf.dws.com/en-lu/about-us/how-tocomplain-etfs/, Spain (in Spanish) https://etf.dws.com/eses/conocenos/gestion-de-reclamaciones-etfs/, Netherlands (in Dutch) https://etf.dws.com/nl-nl/over-ons/hoe-te-klagenetfs/, Sweden (in Swedish) https://etf.dws.com/sv-se/omoss/klagomalshantering-etfs/ and Italy (in Italian) https://etf.dws.com/it-it/chi-siamo/gestione-dei-reclami-etf/. The Investment Company may decide to terminate the arrangements made for the marketing of this fund. Forecasts are not a reliable indicator of future performance. Forecasts are based on assumptions, estimates, opinions and hypothetical performance analysis, therefore actual results may vary.

The decision to invest in the advertised fund should not only depend on the sustainability-relevant aspects. All characteristics or objectives of the advertised fund should be taken into account. These can be found in the prospectus and KID.

Past performance, actual or simulated, is not a reliable indication of future performance. The calculation of performance uses the BVI (Bundesverband Investment and Asset Management) methodology and therefore does not consider a contingent Upfront Sales Charge.

Tax information can be found in the relevant prospectus.

The Funds described in this document track the performance of the indices included in their names. S&P 500 Equal Weight Index are registered trademarks of S&P Dow Jones

("Licensor[s]"). The Sub-Funds described in this document are not sponsored, endorsed, sold or promoted in any way by the Licensors of the indices listed here. The Licensors of the indices listed here makes no representations or warranties concerning the results obtained by using their indices and/or index levels or in any other respects, on any given day. Any opinions stated reflect the current assessment of DWS International GmbH / DWS Investment GmbH / DWS Investment S.A. and are subject to change without notice. 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.

According to the information in the sales prospectus distribution of the products mentioned in this document is subject to restrictions of the relevant jurisdictions. This

document and the information contained herein may only be distributed and published in jurisdictions in which such distribution and publication is permissible in accordance with applicable law in those jurisdictions. Direct or indirect distribution of this document is prohibited in the USA as well as to or for the account of US persons and persons residing in the USA.

Xtrackers® is a registered trademark of DWS Group. The registered office of Xtrackers (RCS No. B-119-899) and Xtrackers II (RCS No.: B-124-284), companies registered in Luxembourg, are at 49, Avenue J.F. Kennedy, L-1855 Luxembourg, Luxembourg.

The registered office of Xtrackers (IE) (Reg. No.: 393802), a company registered in Ireland, is at 78 Sir John Rogerson's Quay, Dublin 2, Ireland.

DWS Investment GmbH acting through its branch offices where relevant.

As of: 30/06/2025.

Disclaimer - France

The Fund has not been authorized and this Document has not been approved by the Autorité des Marchés Financiers or any other French authority. No marketing of the Interests has been made on French territory, and this Document and any other offering materials relating to the Fund are being provided only at the request of potential professional investors. This Document and any other offering materials are strictly confidential and may not be distributed to any person or entity other than the recipients hereof. The Investment Company may decide to terminate the arrangements made for the marketing of this fund.

Disclaimer EMEA - CH

This document has been produced by DWS CH AG ("DWS"). DWS is regulated and supervised by the Swiss Financial Market Supervisory Authority (FINMA) and holds a license to act as a Manager of collective assets and a Representative of foreign collective investment schemes. This document is for information / discussion purposes only and does not constitute a recommendation or solicitation to conclude a transaction and should not be treated as investment advice. 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. DWS does not give tax or legal advice. Investors should seek advice from their own tax experts and lawyers, when considering investments and strategies suggested by DWS. Unless notified to the contrary in a particular case, investment instruments are not insured by the Federal Deposit Insurance Corporation ("FDIC") or any other governmental entity, and are not guaranteed by obligations of DWS or its affiliates.

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. Furthermore, substantial fluctuations of the value of the investment are possible even over short periods of time. Past performance is no guarantee of future results; nothing contained herein shall constitute any representation or warranty as to future performance. This publication may contain 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. The terms of any investment will 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 transaction and not the summary contained herein. This document may not be reproduced or circulated without our written authorisation. The manner of circulation and distribution of this document may be restricted by law or regulation in certain countries, including the United States. 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.

The information included in this document is intended to be advertising of the aforementioned financial services/ financial products, according to Art. 68 of the Financial Services Act (FinSA).

The information provided herein is subject to change without notice. Although DWS CH AG makes every attempt to ensure

the accuracy of the data and has taken information only from sources which are believed to be reliable, DWS CH AG does

not warrant the accuracy or completeness of the information. The information contained in this statement may not be

accurate for tax purposes and should therefore be reviewed with your tax advisor before it is reported for tax purposes. DWS CH AG shall not be liable for any loss or for any damages (incidental, consequential or otherwise) which may arise from information provided to you which is either used by you or any other party. The present information may not be reproduced or circulated without our written authorisation. Copyright 2025 (C) DWS CH AG

For Qualified Investors (Art. 10 Para. 3 of the Swiss Federal Collective Investment Schemes Act (CISA)) only / For Professional Clients (Art 4 Para. 3 and 4 of the Financial Services Act (FinSA)) only, not including opt-out Professional Clients (Art. 5 Para. 1 of FinSA).

The foreign collective investment scheme ("CIS") mentioned above has not appointed a Swiss Representative and a Swiss Paying Agent and has not been approved by the Swiss Financial Market Supervisory Authority for offering to non-qualified investors.

Accordingly, the offering of the units (the "Units") of this CIS in Switzerland will be exclusively made to qualified investors as defined in CISA of 23 June 2006, as amended excluding High-net-worth retail clients that declared in writing they wish to be treated as professional clients (opting out) in accordance with Article 5 paragraph 1 of "FinSA".

The legal documents as well as the annual report and the semi-annual report, as far as applicable, of this CIS can be obtained free of charge from the management company Deutsche Bank (Suisse) SA, Place des Bergues 3, CH-1201 Geneva or the main distribution agent Deutsche Bank (Suisse) SA, Place des Bergues 3, CH-1201 Geneva as well as from https://www.db.com/

This document is strictly for the use of Qualified Investors – excluding high-net-worth retail clients that declared in writing they wish to be treated as professional clients (opting out) - and is being presented for informational and discussion purposes only. Any reproduction and / or redistribution thereof, in whole or in part, and any disclosure of its content without our consent is strictly forbidden.

Disclaimer EMEA – UK

For investors in the United Kingdom: FOR PROFESSIONAL CLIENTS ONLY Issued in the UK by DWS Investments UK Limited. DWS Investments UK Limited is authorised and regulated by the Financial Conduct Authority.

Any reference to "DWS" shall, unless otherwise required by the context, be understood as a reference to DWS Investments UK Limited including any of its parent companies, any of its or its parent companies, affiliates or subsidiaries and, as the case may be, any investment companies promoted or managed by any of those entities.

This document is a "non-retail communication" within the meaning of the FCA's Rules and is directed only at persons satisfying the FCA's client categorisation criteria for an eligible counterparty or a professional client. This document is not intended for and should not be relied upon by a retail client.

Xtrackers, Xtrackers II and Xtrackers (IE) plc are undertakings for collective investment in transferable securities (UCITS) in accordance with the applicable laws and regulations and set up as open-ended investment companies with variable capital and segregated liability between their respective compartments.

Xtrackers and Xtrackers II are incorporated in the Grand Duchy of Luxembourg, are registered with the Luxembourg Trade and Companies' Register under number B-119.899 (Xtrackers) and B-124.284 (Xtrackers II) respectively and have their registered office at 49, avenue J.F. Kennedy, L-1855 Luxembourg. Xtrackers (IE) plc is incorporated in Ireland with registered number 393802 and has its registered office at 78 Sir John Rogerson's Quay, Dublin 2, Ireland.

DWS Investment S.A. acts as the management company of Xtrackers, Xtrackers II and Xtrackers (IE) plc.

This document is intended as marketing communication. The information contained in this document is provided for information purposes only. Any investment decision in relation to an Xtrackers ETF should be based solely on the latest version of the prospectus, the audited annual and, if more recent, un-audited semi-annual reports and the Key Investor Information Document (KIID), all of which are available in English upon request or on www.etf.dws.com.In the case of any inconsistency with the prospectus, the latest version of the prospectus shall prevail.

This document is intended for discussion purposes only and does not create any legally binding obligations on the part of DWS Group GmbH & Co. KGaA and/or its affiliates (DWS). 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 and not the summary contained herein. DWS is not acting as your financial adviser or in any other fiduciary capacity in relation to this transaction. The 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 the transaction and have made an independent assessment of the appropriateness of the transaction in the light of your own objectives and circumstances, including the possible risks and benefits of entering into such transaction. For general information regarding the nature and risks of the proposed transaction and types of financial instruments please go to https://etf.dws.com/en-gb/risks-and-terms/etf-risk-factors/. You should also consider seeking advice from your own advisers in making this assessment. If you decide to enter into

a transaction with DWS, you do so in reliance on your own judgment.

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 document and are subject to change without notice and involve a number of assumptions which may not prove valid. Any opinions expressed herein may differ from the opinions expressed by Deutsche Bank AG and/or any other of its affiliates (DB). DB may engage in transactions in a manner inconsistent with the views discussed herein. DB trades or may trade as principal in the instruments (or related derivatives), and may have proprietary positions in the instruments (or related derivatives) discussed herein. DB may make a market in the instruments (or related derivatives) discussed herein.

For investors in the United Kingdom (continued): DWS SPECIFICALLY DISCLAIMS ALL LIABILITY FOR ANY DIRECT, INDIRECT, CONSEQUENTIAL OR OTHER LOSSES OR DAMAGES INCLUDING LOSS OF PROFITS INCURRED BY YOU OR ANY THIRD PARTY THAT MAY ARISE FROM ANY RELIANCE ON THIS DOCUMENT OR FOR THE RELIABILITY. ACCURACY, COMPLETENESS OR TIMELINESS THEREOF. 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 constitute an offer, recommendation or solicitation to conclude a transaction and should not be treated as giving investment

DWS does not give tax or legal advice. Investors should seek advice from their own tax experts and lawyers, in considering investments and strategies suggested by DWS. Investments with DWS are not guaranteed, unless specified. 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. Furthermore, substantial fluctuations of the value of the investment are possible even over short periods of time. This document 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. The terms of any investment will be exclusively subject to the detailed provisions, including risk considerations, contained in the offering documents.

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, including the United States. 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.

A summary of investor rights is available at www.etf.dws.com (i) under "About Us – How to Complain?" for those who have represented they are a resident of a particular country and (ii) "ETF Documents – How to Complain?" for those who have represented they are an existing investor when entering the website.

PAST PERFORMANCE DOES NOT PREDICT FUTURE RETURNS. © DWS Investments UK Limited 2025.

CRS: 33070060 (July 2025)