

For Professional Clients (MiFID Directive 2014/65/EU Annex II) only. Not for distribution to private/retail investors. For Qualified Investors (Art. 10 Para. 3 of the Swiss Federal Collective Investment Schemes Act (CISA)). In North America, for institutional use and registered representative use only. Not for public viewing or distribution. In APAC and Latin America, for institutional investors only. Further distribution is strictly prohibited. In MENA for professional Clients. Further distribution of this material is strictly prohibited. For business customers only.

During the past quarter, the European Commission published an important consultation related to Solvency II Review. We analyzed how spread SCRs for securitized products—in particular, AAA-rated CLOs - might change in the future, and ways that this could affect the current incentives for standard model as well as internal model insurers. A lively "insurance risiko" continues to characterize the sector with activity across Asia and Europe in focus, and a variety of deals covering Nat Cat investments, reinsurance and pension risk transfer. Finally, we look at popular trades in the current market environment and discover potential unexpected pockets of opportunity in Japanese Government Bonds, long-dated Eurozone bonds, Bond Forwards, and intermediate U.S. credit.

Here is DWS' selection of the top themes to consider this quarter:

- 1. <u>Upcoming insurance events and key dates</u>
- 2. Insurance market and product trends
- 3. <u>Insurance M&A activity: "movers and shakers" in the past quarter</u>
- 4. Market pulse: Investment strategies and trading ideas
- 5. Appendix: DWS market outlook

Upcoming insurance events and key dates

- IAIS Issue Paper on Life insurance sector. IAIS is in the process of reviewing the documents received as part of a recent <u>consultation</u>, and will soon publish an Issue Paper on the structural shifts in the Life insurance sector. An indicated primary focus will be on Asset Intensive Reinsurance (AIR which was recently discussed at the 2025 DWS Insurance CIO Paris Roundtable), Alternative investments and financial stability.
- Consultation on Solvency II Review: On 20th July, the European Commission published its anticipated <u>call for feedback</u> on draft amendments to the Solvency II Delegated Regulation. This includes proposed changes to SCR applicable to asset-backed securities and to Long-Term Equity Investments (LTEI) eligibility criteria (among other things). The deadline to respond to the consultation is 5th September 2025.

1

• Supervisory reporting and public disclosure consultation. The consultation ends on 10th October and streamlines regulatory reporting requirements (focus is on simplification and proportionality).

Insurance market and product trends

Solvency II and securitisation: unlocking European insurance capital for the real economy

The European Commission launched a public consultation (open until 5 September 2025) on proposed amendments to the Solvency II Delegated Acts. The key focus is a recalibration of capital charges for securitisation exposures under the standard formula, aiming to better align capital requirements with actual risk, particularly for senior tranches of both STS and non-STS securitisations.

Definition: Simple, Transparent and Standardised (STS) securitisation

The STS label was introduced by the EU Regulation 2017/2401 to identify traditional securitisations that meet a set of clearly defined criteria with regards to asset types, structures, and reporting standards. STS securitisations, e.g. residential mortgage-backed securities (RMBS), SME loans and auto asset -backed securities (ABS) benefit from reduced capital requirements. In contrast, non-STS securitisations such as collateralised loan obligations (CLO) and commercial mortgage-backed securities (CMBS), due to their complexity and lack of standardisation, are subject to more stringent regulatory requirements, including higher capital charges.

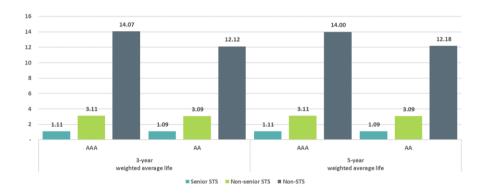
The Solvency Capital Requirement ("SCR") conundrum

European insurers' limited exposure to securitisations is attributed to misaligned Solvency II capital requirements, which distort the risk-return profile of securitised assets relative to traditional fixed-income instruments.

The current standard formula framework imposes capital charges up to 14 times higher on securitised assets, particularly non-STS tranches, than on similarly rated corporate bonds. The disparity with the US insurers' approach by the National Association of Insurance Commissioners (NAIC) is even more pronounced: for example, an illustrative 5-year senior AAA-rated CLO tranche faces a 62.5% Spread SCR charge under Solvency II, versus 0.16% under NAIC, resulting in a considerably lower capital efficiency for EU insurers.

The above lack of risk sensitivity in the standard formula continues to hinder broader securitized asset adoption and capital-efficient portfolio construction.

Spread SCR multiples: Securitisations vs Corporate Bonds



Source: Source: Solvency II article 178, DWS International GmbH

Unintended consequences: risk incentives and market distortion

While standard formula SCRs are overly punitive, internal model capital charges are typically much lower. This is because internal model insurers have the ability, subject to the local regulator's approval, to calibrate securitised assets SCRs based on their own risk assessment, which is typically more aligned with market fundamentals.

As internal model insurers tend to be larger than standard model users, investments towards asset-backed securities (ABS) tend to be biased towards the bigger players. Empirical data from the 2024 Solvency and Financial Condition Reports (SFCR) highlights the impact of capital calibration on investor behaviour. On one hand, a group of major internal model insurers, representing approximately 25% of total assets, accounts for 81% of securitisation investments, with average allocations of 2.6%. On the other hand, a similarly sized group of major standard formula insurers allocates an average of just 0.4%.

Allocation to securitised assets: internal model vs. standard model insurers

Internal Model incurers	Allocation to securitized assets	Standard Madal Inquirors	Allocation to securitized assets
Internal Model msurers	Allocation to securitized assets	Standard Model Insurers	Allocation to securitized assets
Allianz	1.1%	CNP	1.1%
AXA	6.1%	Crédit Agricole Assurances	0.0%
Generali	0.3%	Poste Vita	0.0%
Munich Re	2.0%	BNP Paribas Cardif	0.0%
HDI	2.5%	Assurances du Crédit Mutuel	0.0%
SCOR	8.5%	Sogecap	0.0%
AIG	2.5%	Intesa Vita	0.0%
Weighted Average	2.6%	Weighted Average	0.4%

Source: SFCR 2024, DWS International GmbH

This disparity underscores how capital treatment directly shapes portfolio decisions, potentially limiting broader insurer participation in securitisation markets.

The European Commission's proposal: targeted risk-sensitive relief

3

The European Commission's proposal introduces a significant recalibration of capital charges for securitisation exposures under the Solvency II standard formula. The reform applies across all securitisation types (STS and non-STS, senior and subordinated) and aims to better align capital requirements with actual risk.

Key Enhancements:

- **Senior tranches prioritised**: the proposal introduces a structural distinction between senior and non-senior tranches within the non-STS category, enabling more risk-sensitive treatment.
- **Capital charge reductions**: for senior non-STS AAA tranches with a WAL/duration up to 5 years, capital charges would drop from 62.5% to 13.5%, a 79% reduction. STS senior tranches may also benefit from lower charges, now aligned with covered bonds.

These changes may significantly enhance the attractiveness of senior securitisations, particularly for standard formula insurers, by improving capital-adjusted returns.

Spread SCR: EU Commission's proposal

Spread charges current / proposal	-	/ear	5-year	
(% change vs. current framework)		duration	spread duration	
Corporate bond vs. securitisation	AAA	AA	AAA	AA
Corporate Bond	2.7%	3.3%	4.5%	5.5%
Senior STS	3% / 2.1%	3.6% / 2.7%	5% / 3.5%	6% / 4.5%
	(-30%)	(-25%)	(-30%)	(-25%)
Non-senior STS	8.4% / 6%	10.2% / 7.8%	14% / 9.8%	17% / 12.8%
	(-29%)	(-24%)	(-30%)	(-25%)
Senior Non-STS	38% / 8.1%	40% / 9.9%	63% / 13.5%	67% / 16.5%
	(-79%)	(-75%)	(-79%)	(-75%)
Non-senior non-STS	38% / 22.2%	40% / 27%	63% / 37%	67% / 45%
	(-42%)	(-33%)	(-41%)	(-33%)

Source: European Commission, draft delegated regulation - Ares(2025)5843909, DWS International GmbH

As a result, the proposed framework could significantly improve the capital efficiency of senior securitisation tranches by up to four times for non-STS transactions compared to the current Solvency II framework (see chart below).

Under the proposed framework, CLOs with a "AAA" ratings would receive a Spread SCR similar to that of "BBB" corporate bonds, thus aligning current market valuations (whereby 5-year WAL CLOs trade at 120bps swap spreads, similar to "BBB"-rated corporate issuers).

According to <u>European Commission impact assessment report</u> the EU Commission's proposal could unlock approximately €5.9 billion in capital relief for insurers, potentially enabling greater investment in securitisation without compromising policyholder protection.

Conclusion

The European Commission's consultation presents a critical opportunity to address inefficiencies in the capital treatment of securitisation under Solvency II. By aligning capital charges more closely with actual risk, particularly for senior tranches and to some extent senior non-STS, the proposal could unlock significant investment capacity for insurers while maintaining prudential safeguards.

For standard formula users, the recalibration would enable a shift toward high-quality, yield-generating assets previously underutilized due to regulatory disincentives. Aligning with internal model peers could generate over €150 billion in additional demand across the sector based on 2024 SFCR data and EIOPA statistics.

Beyond portfolio benefits, the reform supports broader EU goals: strengthening capital markets, boosting long-term financing, and reinforcing insurers' role as institutional anchors. Insurers are encouraged to actively participate in the consultation process ahead of the September 5th deadline to help shape a framework that reflects market realities and supports economic resilience.

Insurance M&A activity: "movers and shakers" in the past quarter

M&G agrees to strategic partnership with Dai-ichi Life Holdings

M&G has agreed on a long-term strategic partnership with Dai-ichi Life Holdings that will see Japan's insurer acquire a 15% stake in the UK listed asset manager spanning Life insurance and asset management. Under the agreement, M&G will become Dai-ichi's preferred asset manager in Europe with the partnership expected to generate approx. \$6bn in new flows for M&G over the next 5 years of which at least \$3bn is anticipated to be in M&G's high-alpha strategies across public and private markets. M&G said the partnership would accelerate its expansion in European private markets and open new potential sources of business flows in Japan and across Asia according to Ignites Europe. "It brings together two highly complementary international businesses with shared growth ambitions that aim to deliver excellent client service and sustainable shareholder returns", said Andrea Rossi, group chief executive officer of M&G via Ignites Europe.

Royal London acquires asset manager Dalmore Capital

Royal London has agreed to acquire Dalmore Capital, a UK-based infrastructure asset manager, subject to regulatory approval in a move to broaden its private assets capabilities and provide customers access to a wider range of investment options to support their retirement goals, according to Pensions Age. As part of the acquisition, Royal London will commit up to £500m to future Dalmore funds. Following completion, ownership of Dalmore Capital and its asset servicing arm, Resolis, will transfer to Royal London AM according to Pensions Age.

BlackRock partnerswith Abu Dhabi Al-driven reinsurance platform

BlackRock is to act as strategic partner for an Abu Dhabi-based Al-driven reinsurance platform to be launched by local investment company IHC providing insurance asset management, advisory and its Aladdin technology capabilities for the yet-to-be-named platform, according to IgnitesAsia. The expected initial equity commitments is to exceed US\$1bn, which will be increased by "additional hybrid and debt financing". In addition, Abu Dhabi-headquartered asset manager Lunate Capital would also be a partner of the new reinsurance platform, contributing its public and private markets expertise, and "global, multi-asset experience".

GAM agrees on Swiss Re partnership

GAM has agreed on a partnership with Swiss Re in a move to make catastrophe bonds and insurance-linked securities "more accessible" to its clients. The reinsurer will become the co-investment manager of its \$3bn ILS fund range, including the €2.8bn Ireland-domiciled GAM Star Cat. Bond UCITS fund, from May 7th. "Swiss Re's scale and end-to-end expertise in the ILS market, supported by their specialist underwriting know-how delivers unique risk management capabilities and enhanced investment expertise for investors," said GAM, according to Ignites Europe

Aberdeen takes over £3bn pension scheme policies from Phoenix

Aberdeen has taken on £3bn in pension scheme policies from insurance consolidator Phoenix Group. The transfer covers 51 funds aimed at investors in defined contribution, defined benefit and local authority pension schemes, according to Pensions Expert via Ignites Europe. The funds' investment strategies will remain the same, but names of the products will be changed.

Market Pulse: investment strategies and trading ideas

Volatility characterized the second quarter of the year. The below three "trading ideas" try to capitalize on current levels, while hedging at least a part of the volatility stemming from FX and interest-rate risks:

- 1) A Solvency capital-optimized trade in long European and Japanese long-dated govt bonds,
- 2) A potential yield-maximizing trade in short- and intermediate USD Corporate bonds (FX term-hedged); and
- 3) A "best-of-both-worlds" trade involving government bond forward purchases and corporate bonds.

1) Euro-area and Japanese government bonds:

Euro-area government bonds with maturities over 10-years offer 160bps more yield than US Treasuries hedged in Euros (as of the end of July). While, from a technical standpoint, the financing needs stemming from the German and EU fiscal stimuli may put some pressure on long-end yields, we believe incremental demand from non-EU investors re-allocating away from US assets could offset the incremental supply needs.

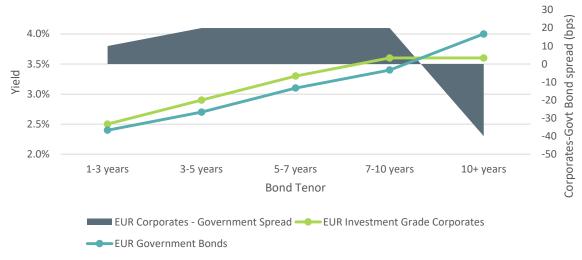
The steepness of the European government bond curve (both vs. US Treasuries and vs. European investment grade corporate bonds) also potentially offers an additional term premium that could act as a cushion in case of new volatility episodes.

Yield pick-up: EUR-denominated bonds vs USD (EUR-hedged)*

	1-3 years	3-5 years	5-7 years	7-10 years	10+ years
Government Bonds	0.9%	1.2%	1.5%	1.5%	1.6%
Investment Grade Corps	0.5%	0.7%	0.8%	0.8%	0.2%

Sources: DWS, Bloomberg, as of July 2025. *Hedging costs estimated using 3-month FX forwards

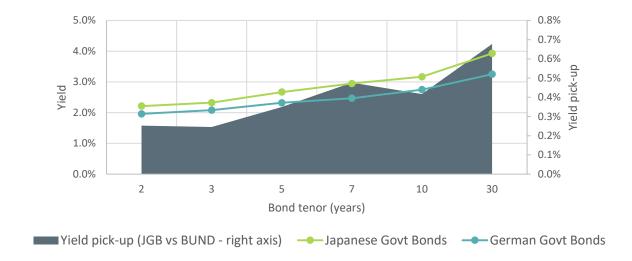
EUR yield curve: Govt vs Investment Grade Corporate bonds



Sources: DWS, Bloomberg, as of July 2025

7

Japanese government bonds hedged in Euros may also offer an attractive pick-up vs German bunds across the curve, and could be an interesting risk diversifier in insurers typically EUR-only balance sheets.



Yield pick-up: Japanese ("JGB") vs German government bonds ("Bund")*

Sources: DWS, Bloomberg, as of July 2025. *Hedging costs estimated using 3-month FX forwards

Finally, under Solvency II standard formula, government bonds attract a 0% capital charge, thus offering a capital-efficient allocation for life insurers and those with long-dated (e.g. reinsurance) liabilities.

2) Overweight 1-10 year USD corporates (term-hedged to EUR) vs EUR corporates

While we think Euro government bonds offer the most capital-efficient trade idea this quarter, USD corporates can play an important role if the objective is yield maximization, and if insurer's needs are focused on the short or intermediate part of the yield curve.

Using term-hedges, for example through SPIRE structures, may be beneficial in this case, as cross-currency swaps may remove the noise around volatility of Federal Reserve vs ECB policy moves, and help crystallize the yield pick-up available in markets today.

Yield pick-up: EUR-denominated bonds vs USD (EUR-hedged)*



Sources: DWS, Bloomberg, as of July 2025. *Hedging costs estimated using cross-currency swaps to term

3) Government bonds forward purchases and corporate bonds spot trade

A potential "best-of-both worlds" trade idea, that optimizes for Solvency II capital consumption, while maximizing yield, is through bond forward purchases of government bonds, coupled with "spot" purchases of corporate bonds.

Bond forward purchases are agreements to buy bonds at a predetermined price on a future date. This mechanism allows insurers to lock in a future (possibly higher) yield, a feature that we think is particularly attractive in today's market environment, characterized by steeper curves compared to the past.

In the below example, we looked at 25/30-year government bonds with A/AA/AAA ratings. These bonds featured 5-year forward purchase yield differentials that currently sit at the highest levels since 2020, thus providing an attractive entry point.

In the trade, we are buying 5-year (A-rated) corporate bonds "spot" to ensure we have no duration exposure gap in the short-end of the curve, and to extract additional returns. From a yield maximization standpoint, the trade allows us to potentially extract extra yield vs long-dated government "spot purchases". The pick-up can be attributed to term premia, curve steepness as well as credit risk premia (counterparty risk is beyond the scope of this write-up but would also need to be taken into account).

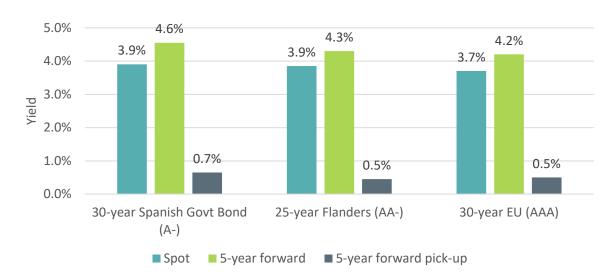
From a capital efficiency standpoint, 5-year "A" corporate bonds consume 7% in Spread Solvency capital for the first five years, while forward purchases of government bonds do not attract any SCR from year 5 onward. Over the term of the trade, and taking the Spanish government bond as an example, an extra 0.46% is generated each year by spending an incremental 0.2% Spread SCR annually.

Illustrative example: 30-year French Government Bond



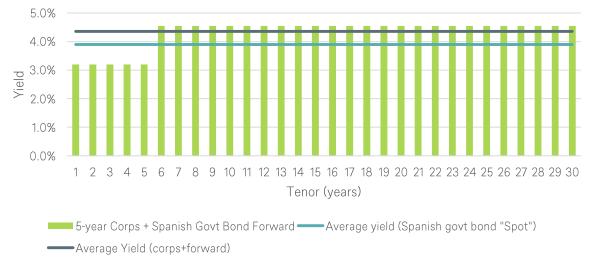
Sources: DWS and Bloomberg data, as of 27th July 2025

Selected Euro government Bonds: Spot- vs Forward-purchase yields



Sources: DWS, Bloomberg data, as of July 2025.

Illustrative example: 5-year Corporate Bonds "Spot" and Spanish Government Bond forwards



Sources: DWS, Bloomberg, as of 27th July 2025

If you are interested in any of the topics and would like to learn more, please reach out to me or your DWS relationship management partner.

Paolo Gazzola | Milan | paolo.gazzola@dws.com

Cédric Chavot | Paris | cedric.chavot@dws.com

Appendix: DWS Market Outlook as of June 30, 2025

Fixed Income

			Tactical (1-3M)		Jun '26	
Fixed Income		Current level	Current	1M Change*	Strategic	Forecast
	U.S. Treasuries (2-year)	3.72	•	-	•	3.75%
	U.S. Treasuries (10-year)	4.23	•	-	•	4.50%
	U.S. Treasuries (30-year)	4.77	•	-	•	4.70%
Ś	German Bunds (2-year)	1.86	•	-	•	1.60%
Rates	German Bunds (10-year)	2.61	•	-	•	2.50%
Œ	German Bunds (30-year)	3.10	•	-	•	3.00%
	UK Gilts (10-year)	4.49	•	-	•	4.20%
	Japanese sov. (2-year)	0.75	•	+	•	1.00%
	Japanese sov. (10-year)	1.43	•	-	•	1.80%
7-	Italy (10-year)	87	•	-	•	110
	U.S. investment grade	83	•	-	•	90
Spreads (bps)¹	U.S. high yield	290	•	-	•	350
g	Euro investment grade	91	•	-	•	90
rea	Euro high yield	318	•	-	•	360
<u>2</u>	Asia credit	242	•	-	•	150
	EM sovereign	322	•	↑	•	360
Secur itized (bps)	Euro Covered bonds	47	•	-	•	50
Secur itized (bps)	U.S. MBS	150	•	+	•	130
Currencies		Current level	Tactical	Tactical	Strategic	Forecast
Currencies	EUR vs. USD	1.18	•	↑	•	1.18
	USD vs. JPY	144	•	-	•	130
	EUR vs. JPY	170	•	-	•	153
	EUR vs. GBP	0.86	•	-	•	0.84
	GBP vs. USD	1.37	•	↑	•	1.40
	USD vs. CNY	7.16	•	-	•	7.30

Equities

			Tactical (1-3M)		Jun '26	
quities		Current level	Current	1M Change*	Strategic	Forecast
	U.S. S&P 500	6205	•	-	•	6,100
	Europe Stoxx 600	541	•	-	•	570
	EUZ Eurostoxx 50	5303	•	-	•	5,600
us	Germany DAX 40	23910	•	-	•	25,600
Regions	Switzerland SMI	11921	•	-	•	12,500
8	U.K. FTSE 100	8761	•	-	•	8,800
	EM MSCI EM	1223	•	-	•	1,220
	Asia ex Japan	797	•	-	•	790
	Japan MSCI	1743	•	-	•	1,720
	Consumer staples		•	-	-	-
	Healthcare		•	-	-	-
	Comm. Serivces		•	-	-	-
	Utilities		•	-	-	-
Sectors	Consumer Discr.		•	-	-	-
Seci	Energy		•	-	-	-
-,	Financials		•	-	-	-
	Industrials		•	-	-	-
	IT		•	-	-	-
	Materials		•	-	-	-
ē,	U.S. small caps		•	-	-	-
	European small caps	S	•	-	-	-

Alternatives

		Tactical (1-3M)		Jun '26	
Alternatives ¹	Current Level	Current	1M Change*	Strategic	Forecast
Oil (Brent)	67	•	-	•	63
Gold	3,303	•	-	•	3,700
Carbon	68	-	-	•	75
Commodities		•	-	•	-
Infrastructure (listed)		•	-	•	-
Infrastructure (non-liste	d)	-	-	•	-
Real estate (listed)		•	-	•	-
Real estate (non-listed)	APAC	-	-	•	-
Real estate (non-listed)	Europe	-	-	•	-
Real estate (non-listed)	U.S.	-	-	•	-

This information is subject to change at any time, based upon economic, market and other considerations and should not be construed as a recommendation. Past performance is not indicative of future returns. 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. Alternative investments may be speculative and involve significant risks including illiquidity, heightened potential for loss and lack of transparency. Alternatives are not suitable for all clients. Source: DWS Investment GmbH.

¹ Spread over German Bunds. ² Relative to the MSCI AC World Index (only for the tactical signals), ³ S&P 500, ⁴ Stoxx Europe 600, ⁵ Euro Stoxx 50, ⁶ Dax, ⁷ Swiss Market Index, ⁸ FTSE 100, ⁹ MSCI Emerging Markets Index, ¹⁰ MSCI AC Asia ex Japan Index, ¹¹ MSCI Japan Index, ¹² MSCI AC World Consumer Staples Index, ¹³ MSCI AC World Health Care Index, ¹⁴ MSCI AC World Communication Services Index, ¹⁵ MSCI AC World Utilities Index, ¹⁶ MSCI AC World Consumer Discretionary Index, ¹⁷ MSCI AC World Energy Index, ¹⁸ MSCI AC World Financials Index, ¹⁹ MSCI AC World Industrials Index, ²⁰ MSCI AC World Information Technology Index, ²¹ MSCI AC World Materials Index, ²² Russell 2000 Index relative to the S&P 500, ²³ Stoxx Europe Small 200 relative to the Stoxx Europe 600, ²⁴ Relative to the Bloomberg Commodity Index, ²⁵ Long-term investments.

Bond investments are subject to interest rate, credit, liquidity and market risks to varying degrees. When interest rates rise, bond prices generally fall. Credit risk refers to the ability of an issuer to make timely payments of principal and interest.

Bond and loan investments are subject to interest-rate, credit, liquidity and market risks to varying degrees. When interest rates rise, bond prices generally fall. Credit risk refers to the ability of an issuer to make timely payments of principal and interest. Floating rate loans tend to be rated below-investment grade and may be more vulnerable to economic or business changes than issuers with investment-grade credit. Bond investments are subject to interest-rate, credit, liquidity and market risks to varying degrees. When interest rates rise, bond prices generally fall. Credit risk refers to the ability of an issuer to make timely payments of principal and interest.

Municipal securities are subject to the risk that litigation, legislation or other political events, local business or economic conditions or the bankruptcy of the issuer could have a significant effect on an issuer's ability to make payments of principal and/or interest. The market for municipal bonds may be less liquid than for taxable bonds and there may be less information available on the financial condition of issuers of municipal securities than for public corporations.

Index performance is shown for illustrative purposes only and is not intended to represent historical or to predict future performance of any specific investment or DWS's. DWS products may have experienced negative performance over these time periods. Past performance is not indicative of future results. Investments are subject to risk, including possible loss of investment capital.

The comments, opinions and estimates contained herein are for informational purposes only and sets forth our views as of this date. The underlying assumptions and these views are subject to change without notice. Past performance or any prediction or forecast is not indictive of futures results. No assurance can be given that any forecast or target will be achieved.

The material was prepared without regard to the specific objectives, financial situation or needs of any particular person who may receive it. It is intended for informational purposes only and it is not intended that it be relied on to make any investment decision. It is for professional investors only. It does not constitute investment advice or a recommendation or an offer or solicitation and is not the basis for any contract to purchase or sell any security or other instrument, or for DWS and its affiliates to enter into or arrange any type of transaction as a consequence of any information contained herein.

13

Please note that this information is not intended to provide tax or legal advice and should not be relied upon as such. DWS does not provide tax, legal or accounting advice. Please consult with your respective experts before making investment decisions.

Neither DWS nor any of its affiliates, gives any warranty as to the accuracy, reliability or completeness of information which is contained. Except insofar as liability under any statute cannot be excluded, no member of DWS, the Issuer or any officer, employee or associate of them accepts any liability (whether arising in contract, in tort or negligence or otherwise) for any error or omission or for any resulting loss or damage whether direct, indirect, consequential or otherwise suffered.

This document is intended for discussion purposes only and does not create any legally binding obligations on the part of DWS and/or its affiliates. Without limitation, this document does not constitute investment advice or a recommendation or an offer or solicitation and is not 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. 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. Past performance is not a guarantee of future results. Any forecasts provided herein are based upon our opinion of the market as at this date and are subject to change, dependent on future changes in the market. Any prediction, projection or forecast on the economy, stock market, bond market or the economic trends of the markets is not necessarily indicative of the future or likely performance. Investments are subject to risks, including possible loss of principal amount invested.

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.

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.

© 2025 DWS International GmbH /DWS Investment GmbH

14

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

© 2025 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.

© 2025 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.

© 2025 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.

© 2025 DWS Investments Australia Limited

In Latin America, for institutional investors only. Further distribution of this material is strictly prohibited.

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 [document - may need to identify] 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 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.

Environmental, social, and governance (ESG) criteria are a set of standards for a company's operations that socially conscious investors use to screen potential investments: Environmental (how a company performs as a steward of nature); Social (how a company manages relationships with employees, suppliers, customers, and communities); Governance (company's leadership, executive pay, shareholder rights, etc).

Incorporation of ESG criteria in the fund's investment strategy does not guarantee a return or protect against a loss, limits the types and number of investment opportunities available to the fund and, as a result, the fund may underperform other funds that do not have an ESG focus. Regulatory changes or interpretations regarding the definitions and/or use of ESG criteria could have a material adverse effect on the fund's ability to invest in accordance with its investment policies and/or achieve its investment objective, as well as the ability of certain classes of investors to invest in funds following an ESG strategy such as the fund.

© 2025 DWS Group GmbH & Co. KGaA. All rights reserved. 103204-4.1 (8/25)