

Market insights contributors



Amanda Lynam, CPA
Head of Macro Credit Research

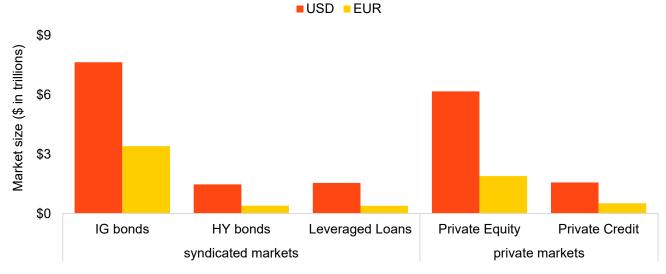


Dominique Bly Macro Credit Research Strategist

Key takeaways

- Two weeks ago, we explored <u>fundamental</u> trends in the U.S. private credit market. The takeaway
 was that 3Q2025 data highlighted incremental improvement across a range of <u>aggregate</u>
 metrics, including covenant defaults and interest coverage ratios. That said, under the surface,
 dispersion was evident across various dimensions, including borrower size, sector, and vintage.
- In this Global Credit Weekly, we undertake a similar analysis of the European private credit market and find that many of the high-level conclusions are consistent with its U.S. peer. We observe incremental improvement in aggregate interest coverage and covenant default metrics, while also noting significant dispersion (in EBITDA growth, as one example) across the size and sector dimensions. Instances of covenant 'holidays' and 'bad PIK' which have increased modestly in recent quarters, but remain largely contained warrant monitoring, in our view, and underscore the importance of manager underwriting experience and restructuring expertise.
- The diverse country mix of the European private credit market is unique and highlights the value
 of regional expertise and the need for a local presence in sourcing and underwriting. At the same
 time, a broad geographic footprint can help allocators deploy capital tactically, as countryspecific tailwinds change over time.
- The European economy is more reliant upon bank lending relative to the U.S., which has large
 and well-developed syndicated and private financing markets (Exhibit 1). As we have <u>outlined</u>
 previously, we see scope for the financing mix in the Euro Area to become more diversified over
 time, which suggests additional room for growth in private markets.

Exhibit 1: Syndicated and private financing markets in Europe have room to grow, in our view Market sizing of select financing markets in North America and Europe



Source: Bloomberg, Cliffwater, PitchBook LCD, Morningstar, Preqin, Blackrock. IG, HY and Loans capture index-eligible debt only. Private equity figures reflect North American and Europe AUM (inclusive of dry powder) as of March 2025 (most recent), per Preqin. Private credit figures reflect North American and Europe AUM (inclusive of dry powder) as of March 2025 (most recent), per Preqin, and North American BDC AUM per Cliffwater. USD and EUR IG and HY reflect par amount outstanding for the Bloomberg USD and Pan-Euro IG and HY Corporate indices, as of December 3, 2025. USD and EUR leveraged loans reflect par amount outstanding for the Morningstar indices, as of December 3, 2025.

A focus on fundamentals: European private credit

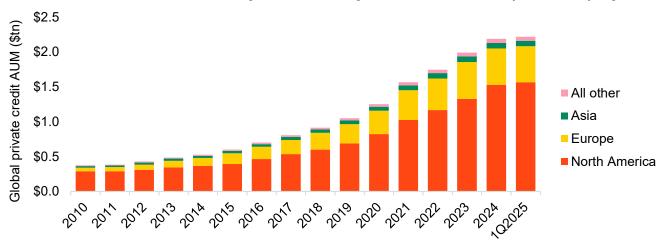
Two weeks ago, we explored <u>fundamental</u> trends in the U.S. private credit market. The takeaway was that 3Q2025 data highlighted incremental improvement across a range of *aggregate* metrics, including covenant defaults and interest coverage ratios. That said, under the surface, dispersion remains evident across various dimensions, including borrower size, sector, and vintage year. In this *Global Credit Weekly*, we undertake a similar analysis of the European private credit market and find that many of the high-level conclusions are consistent with its U.S. peer.

Framing the market

We begin by framing European private credit markets. As of 1Q2025 (most recent available), Europe's private credit assets under management (AUM; including both unrealized value and dry powder) totaled more than \$500 billion. This represents 23% of global private credit AUM, making it the second largest regional market behind North America (Exhibit 2). When focusing solely on unrealized value (i.e., capital already invested), European private credit is comparable in size to the region's public credit markets (Exhibit 3).

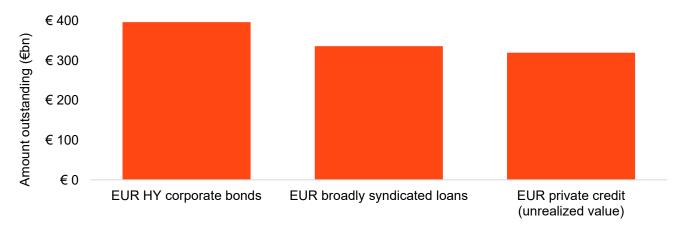
Exhibit 2: Europe represents roughly 23% of total private credit AUM

Global private credit assets under management (including unrealized value and dry powder), by region



Source: Preqin, Cliffwater, BlackRock. As of March 31, 2025 (most recent available for Preqin). North America includes BDC AUM from the Cliffwater Direct Lending Index. All other includes Latin America / Caribbean, Africa, Australia / New Zealand, Middle East & Israel, and Diversified / Multi-Regional.

Exhibit 3: European high yield bonds, syndicated loans, and private credit are similar in size Relative size of select European financing markets, including HY corporate bonds, broadly syndicated leveraged loans, and private credit



Source: Preqin, Bloomberg, Pitchbook LCD, Morningstar, BlackRock. European private credit AUM includes only unrealized value (and excludes dry powder) and is as of 1Q2025 (most recent available). EUR broadly syndicated leveraged loans is based on par amount outstanding for the Morningstar European Leveraged Loan Index and is as of December 2, 2025. EUR High Yield corporate bonds is based on the par amount outstanding of the Bloomberg Pan-European High Yield Index and is as of December 2, 2025.
FOR QUALIFIED, PROFESSIONAL, INSTITUTIONAL AND WHOLESALE INVESTORS/ PROFESSIONAL CLIENTS ONLY | NOT FOR PUBLIC DISTRIBUTION

While we discuss European private credit at the regional level, it is important to note the diverse country mix of the asset class. Exhibit 4 highlights the variation in direct lending activity across countries, by year.

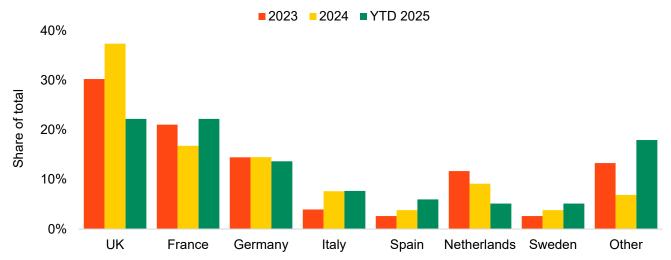
The heterogeneity of these markets underscores the value of regional expertise and the need for a local presence in sourcing and underwriting. At the same time, the year-over-year (YoY) variation across the countries reinforces the value of a broad geographic footprint, which helps allocators deploy capital tactically, as country-specific tailwinds evolve over time.

Scope for diversification across financing markets

Another defining characteristic of European financing markets is the relatively large share serviced by bank lending. As of March 31, 2025, banks represented 50% of total credit extended to the private non-financial sector in the Euro Area and 55% in the United Kingdom (Exhibit 5). This is notably above the U.S., in which banks represented only 31%.

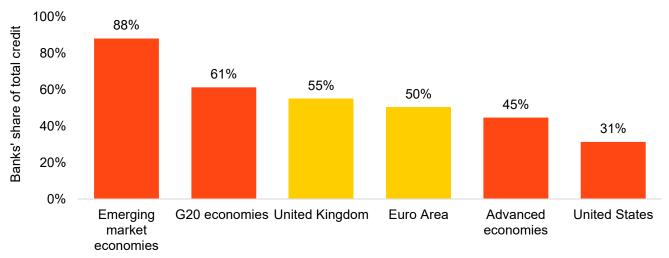
As we have <u>outlined</u> previously, we believe this directly reflects the large size and scale of North America's well-developed capital markets (inclusive of debt and equity) as well as the region's private financing markets (including private credit, private equity, etc.). We see scope for the financing mix in the Euro Area to become more diversified over time, as well. This suggests additional room for growth in private markets.

Exhibit 4: France has captured the largest share of deal activity year-to-date European direct lending deal share, by country, per year



Source: PitchBook LCD, BlackRock. Data through September 30, 2025. Analysis based on transactions covered by LCD News; share is by deal count.

Exhibit 5: Banks represent a larger share of credit in the Euro Area and the U.K. vs. the U.S. Banks' share of total credit provided to the private non-financial sector - select regions



Source: Bank for International Settlements, BlackRock. As of March 31, 2025 (most recent available).
FOR QUALIFIED, PROFESSIONAL, INSTITUTIONAL AND WHOLESALE INVESTORS/ PROFESSIONAL CLIENTS ONLY | NOT FOR PUBLIC DISTRIBUTION

The financing 'mix shift' ebbs and flows

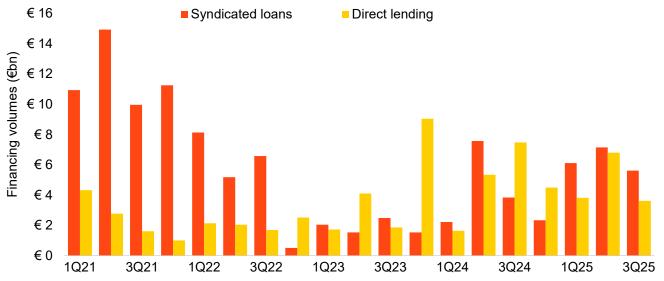
When shifting away from the bank lending channels and focusing exclusively on the corporate liquid and private credit markets, we find that the 'mix shift' of EUR financing activity ebbs and flows between the two funding channels, depending on market conditions. This is consistent with the pattern in the USD market.

Exhibit 6 illustrates this dynamic, tracking the volume of LBO financing serviced in each market. We also track refinancing activity from the same issuer across the two markets (known as 'takeouts'). As of October 21, 2025, KBRA DLD has tracked nine deals refinanced from the European syndicated leveraged loan market into private credit this year, and 12 moving in the opposite direction.

The increased fluidity between the private and syndicated credit markets is driven, in our view, by the growth of 'jumbo' EUR private credit loans in recent years (Exhibit 7). These larger private credit loans can address the financing needs of large borrowers - many of whom have demonstrated access to syndicated debt markets.

Exhibit 6: Both syndicated loans and direct lending are active in EUR LBO financing

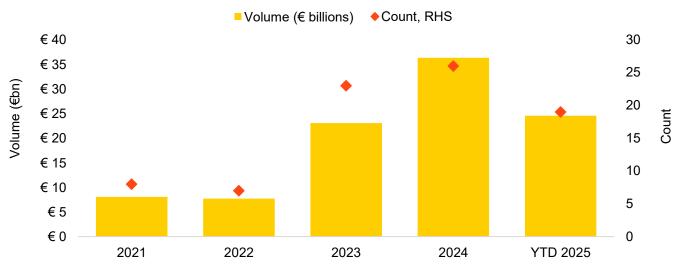
New-issue volume of European leveraged buyouts (LBOs) financed via broadly syndicated loans versus direct lending



Source: PitchBook LCD, BlackRock. Data through September 30, 2025. Direct lending data is based on transactions covered by LCD

Exhibit 7: European private credit 'jumbo' loans have grown over time

Annual volume and count (RHS) of private credit jumbo loans (defined as loans greater than \$1 billion)



Source: KBRA DLD, BlackRock. As of November 25, 2025. Includes incremental amounts to existing financings that total \$1 billion+. FOR QUALIFIED, PROFESSIONAL, INSTITUTIONAL AND WHOLESALE INVESTORS/ PROFESSIONAL CLIENTS ONLY | NOT FOR PUBLIC **DISTRIBUTION**

A more constructive macro backdrop supports direct lending deal activity

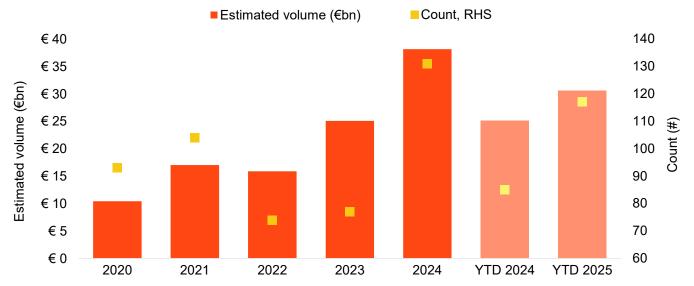
In October, we highlighted the <u>rebound</u> in European financial sponsor-related deal activity, attributing the recent momentum to a few factors, including: the cumulative impact of the ECB's prior rate cuts, incremental clarity on trade policy, and expectations of a boost from future <u>fiscal</u> spending plans.

The momentum is also visible in European direct lending volumes, as illustrated in Exhibit 8. Year-to-date (YTD) volumes are tracking ahead of the same period last year and have already exceeded the *full year* totals for 2020-2023. Further, commentary from KBRA DLD notes that, as of 3Q2025, there was a robust pipeline of deal activity, which could further boost totals in the months ahead.

This <u>supportive</u> macro backdrop has also influenced pricing. As shown in Exhibit 9, spreads on LBOs financed by direct lending have tightened over the past three years. We believe the supportive risk appetite in the EUR syndicated credit market – which is illustrated by most spread cohorts hovering near the tight end of the historical range – has also influenced new issue pricing in the EUR direct lending market, especially for larger borrowers with a viable path to financing in either channel.

Exhibit 8: Direct lending volume has been robust YTD

Annual European direct lending estimated volume and deal count (RHS)



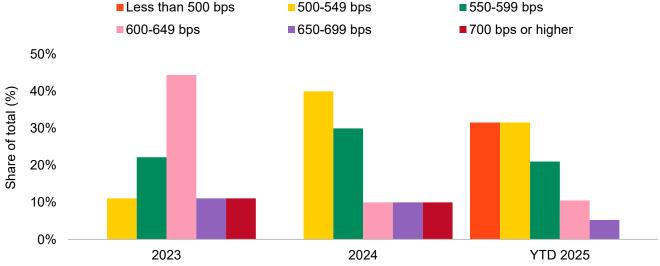
Source: PitchBook LCD, BlackRock. Data through September 30, 2025. Count based on transactions covered by LCD News.

Exhibit 9: New-issue spreads have trended lower over the past three years

New-issue spread distribution of LBOs financed in the European direct lending market

Less than 500 bps

550-549 bps



Source: PitchBook LCD, BlackRock. Data through September 30, 2025. Direct lending spread data reflects senior secured first-lien loans and unitranche facilities.

Incremental improvement in private credit coverage ratios

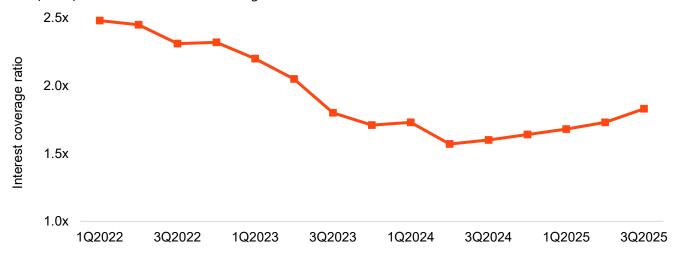
Further, data from Lincoln International's universe of more than 400 European private credit borrowers shows that, in aggregate, certain key fundamental coverage metrics continued to improve in 3Q2025.

Exhibits 10 and 11 illustrate the trends for aggregate interest coverage and fixed charge coverage (FCCR) ratios. The metrics have recovered from their 2Q2024 troughs as the European Central Bank's (ECB) monetary policy rate has <u>declined</u> from its mid-2024 peak. These trends mirror those observed in the <u>U.S.</u> private credit market, as well.

There is room for additional improvement, as both metrics remain below their 1Q2022 levels (before the ECB began rate hikes in July 2022). That said, and as we have <u>highlighted</u>, we expect that with the cumulative 200 basis points of rate cuts the ECB has *already* delivered since 2024, the Governing Council will be on hold for the foreseeable future. This suggests that the bulk of any future improvements in interest and fixed charge coverage ratios will need to be driven by borrower financial (EBITDA) performance, rather than lower interest rates.

Exhibit 10: The aggregate interest coverage ratio continues to improve...

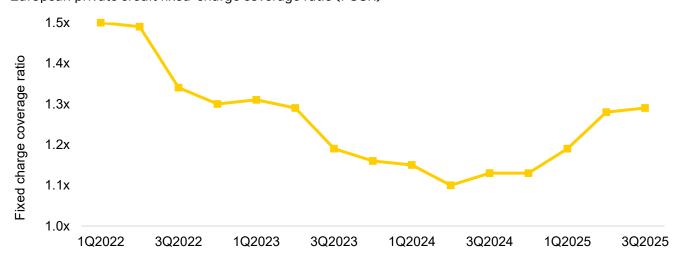
European private credit interest coverage ratio



Source: Lincoln International, BlackRock. Calculation of Interest Coverage = PF LTM EBITDA / Interest. Note: Interest calculations exclude companies using Payment-in-Kind (PIK) interest if cash interest is not being paid. Adjusted EBITDA, rather than reporting EBITDA, was utilized within the analysis.

Exhibit 11: ...in parallel with the fixed-charge coverage ratio

European private credit fixed-charge coverage ratio (FCCR)



Source: Lincoln international, BlackRock. Calculation of fixed charge coverage ratio = (PF LTM EBITDA – Taxes – Capex) / (Interest Expense + (1% * Total Debt). Capital Expenditures ("Capex") utilizes LTM Capex by default. If LTM Capex is unavailable, a proxy is determined using either NFY Capex, LFY Capex, or by estimating it as a percentage of revenue. Note: Interest calculations exclude companies using Payment-in-Kind (PIK) interest if cash interest is not being paid. Adjusted EBITDA rather than reporting EBITDA was utilized within the analysis.

Dispersion is evident, however

Despite the improvement in aggregate coverage metrics, dispersion is evident when assessing EBITDA and watchlist trends.

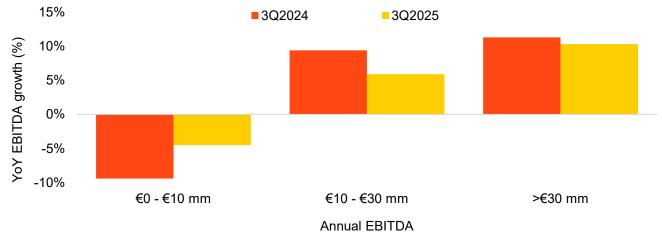
Exhibit 12 highlights the variation in year-over-year (YoY), last-twelve-month (LTM) EBITDA growth by borrower size. The smallest borrower cohort (€0-€10 million in annual EBITDA) has recorded negative YoY growth for the past two years, while larger borrowers have grown. The largest cohort (>€30 million in annual EBITDA) has demonstrated the most consistent performance, while the mid-sized group has shown more variability.

Lincoln International's European 'watchlist' – which tracks loans valued below 90% of par – shows a similar pattern using the most recent 3Q2025 data. As illustrated in Exhibit 13, watchlist names disproportionately skew toward the smallest borrower cohort.

These patterns reflect the fact that smaller companies may have thinner financial cushions, less diversified business models, and weaker pricing power, while larger borrowers generally possess greater flexibility and a broader set of operational levers to support performance.

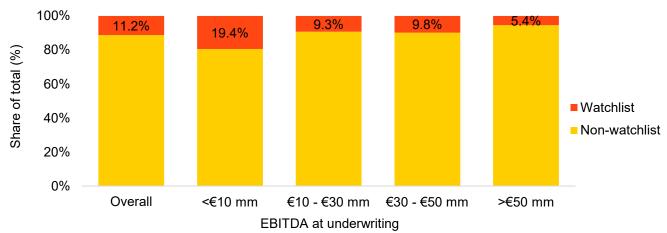
Exhibit 12: Considerable dispersion across the size dimension

Year-over-year, last-twelve-months' adjusted EBITDA growth, by company size (annual EBITDA) for European companies in the Lincoln International Proprietary Private Market database



Source: Lincoln International Proprietary Private Market Database, BlackRock. As of 3Q2025.

Exhibit 13: Watchlist names exist across the size spectrum, but skew toward small borrowers 3Q2025 watchlist names, segmented by EBITDA at underwriting, for European companies in the Lincoln International Proprietary Private Market database

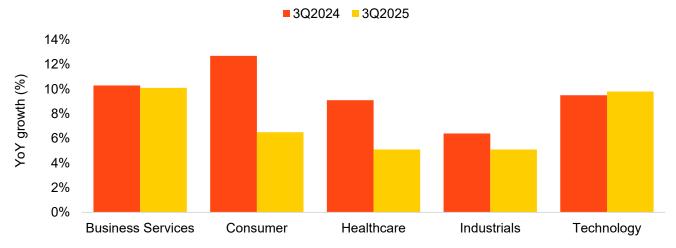


Source: Lincoln International, BlackRock. As of 3Q2025. Watchlist companies included 47 firms with loans in the capital structure from Lincoln's Proprietary Database valued below 90% of par (fair value midpoint), based on debt valuations performed in Q3 2025. This analysis considers both senior debt and subordinated debt valued during the quarter, using the most senior loan in the capital structure as the basis for a company-level assessment.

Dispersion is also evident across the dimension of sectors (Exhibit 14), with some industries exhibiting strong and consistent EBITDA growth (Business Services, Technology), and others growing at a slower or less consistent pace (Industrials, Consumer). This likely reflects sector-specific nuances, such as industry growth tailwinds or consumer end-market profiles (given the <u>bifurcation</u> we have previously highlighted).

Exhibit 14: Growth has been positive across sectors, though to varying degrees

Year-over-year, last-twelve-months' adjusted EBITDA growth, by industry for European companies in the Lincoln International Proprietary Private Market database



Source: Lincoln International Proprietary Private Market Database, BlackRock. As of 3Q2025.

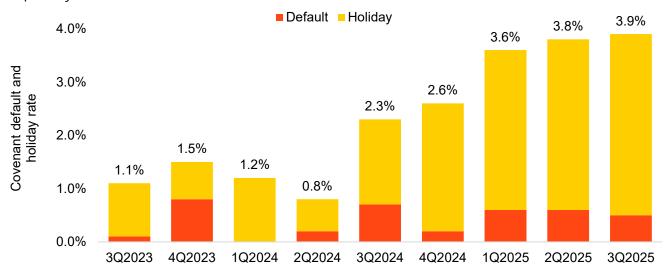
Monitoring covenant defaults, 'holidays', and 'bad' PIK

Alongside these dimensions of dispersion, we also continue to closely monitor metrics aligned to potential financial stress, including covenant defaults, covenant 'holidays,' and a specific type of payment-in-kind (PIK) utilization.

To start, we find that the covenant default rate for European companies in the Lincoln International database has remained steady over the last three quarters (red bar of Exhibit 15) and *declined* slightly in 3Q2025. But covenant 'holidays' – which are agreements to suspend testing of one or more covenants, usually for a period of time – have grown (yellow bar of Exhibit 15).

Exhibit 15: Covenant events have increased

Size-weighted covenant default and holiday rate for European companies in the Lincoln International Proprietary Private Market database



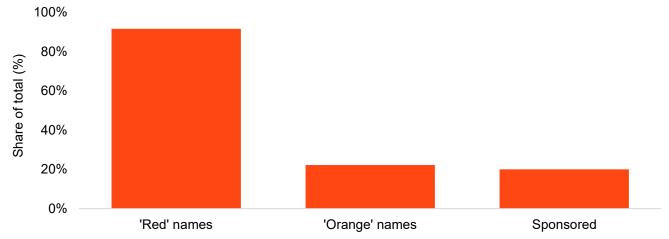
Source: Lincoln International, BlackRock. 2Q2025 and 3Q2025 data are preliminary and remain subject to change in upcoming market insights as incremental information is received post-quarter end. A covenant holiday is an agreement (often time-bound) to not test one or more covenants.

While each case can be nuanced, the effectiveness of holiday or amendment activity in resolving borrower stress (and maximizing capital returns) largely depends on lenders' expertise and the underlying viability of the borrowers' business, in our view.

Exhibit 16 highlights the prevalence of PIK interest among stressed borrowers in the KBRA DLD European universe. A majority of issuers on KBRA's Default Radar 'Red' list, which captures issuers whose stress is considered most concerning, are currently paying some amount of PIK interest. That share declines for 'Orange' names on the Default Radar and for the broader sponsored universe. (Note: As of October 15th, KBRA DLD's European Default Radar captured only 21 issuers.)

Data from Lincoln International provides another perspective, showing the rising share of companies paying PIK interest, including both 'good' PIK (i.e., PIK included at underwriting) and 'bad' PIK (i.e., PIK added through amendments, after origination; Exhibit 17). Notably, the share of companies with PIK (both 'good' and 'bad') has grown over time. PIK usage, especially in response to financial strain, can be a sign of emerging stress, and we view it as an important metric to track across markets. That said, it is only one of several indicators that collectively inform our perspective on credit health.

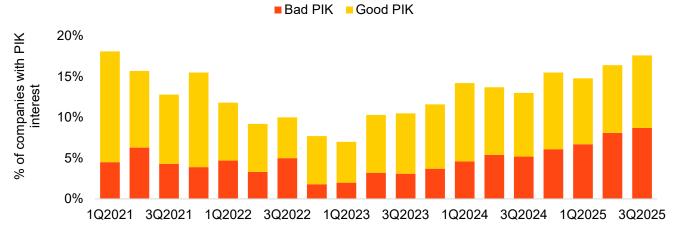
Exhibit 16: 92% of the most stressed European issuers tracked by KBRA DLD have PIKShare of European issuers, by count, in KBRA DLD's 'Default Radar' (including 'Red' and 'Orange' names) and broader sponsored index, currently paying a portion of interest as 'PIK'



Source: KBRA DLD Default Research - Europe, BlackRock. As of October 15, 2025. KBRA DLD's Default Radar flags troubling credits as either Red or Orange, depending on severity of the situation. The most concerning are assigned to the Red tier, while less problematic circumstances are placed on the Orange tier. Borrowers outside the Index are added to Default Radar when information is available. There are currently 21 issuers on the default radar, representing about 7.3% of KBRA DLD's European Index volume. More than 90% of KBRA DLD's European index are sponsored borrowers.

Exhibit 17: 'Bad' PIK in the EUR private credit market has increased modestly

Share of companies using payment-in-kind (PIK) interest based on PIK classification ('good' PIK, 'bad' PIK) for European companies in the Lincoln International Proprietary Private Market database



Source: Lincoln International, BlackRock. As of 3Q2025. Bad PIK is defined as PIK that is amended into existing credit agreements. Good PIK is defined as PIK which is included in initial agreements at underwriting.

FOR QUALIFIED, PROFESSIONAL, INSTITUTIONAL AND WHOLESALE INVESTORS/ PROFESSIONAL, QUALIFIED CLIENTS ONLY I FOR PERMITTED CLIENTS ONLY IN CANADA

Unless otherwise stated, all reference to \$ are in USD.

Risk Warnings:

Capital at risk. The value of investments and the income from them can fall as well as rise and are not guaranteed. You may not get back the amount originally invested.

Past performance is not a reliable indicator of current or future results and should not be the sole factor of consideration when selecting a product or strategy.

Changes in the rates of exchange between currencies may cause the value of investments to diminish or increase. Fluctuation may be particularly marked in the case of a higher volatility fund and the value of an investment may fall suddenly and substantially. Levels and basis of taxation may change from time to time.

Cliffwater Direct Lending Index (CDLI) is an index that assists investors to better understand private credit as an asset class. The CDLI seeks to measure the unlevered, gross of fees performance of U.S. middle market corporate loans, as represented by the underlying assets of Business Development Companies ("BDCs"), including both exchange-traded and unlisted BDCs, subject to certain eligibility criteria. The CDLI is an asset-weighted index that is calculated on a quarterly basis using financial statements and other information contained in the U.S. Securities and Exchange Commission ("SEC") fillings of all eligible BDCs. Eligibility is set as all assets held by BDCs that (1) are regulated by the SEC as a BDC under the Investment Company Act of 1940; (2) have a substantial majority (approximately 75%) of reported total assets represented by direct loans made to corporate borrowers, as categorized by each BDC and subject to Cliffwater's discretion, and (3) file SEC form 10-Q (or 10-K, as applicable) within 75 (or 90) calendar days following the current Valuation Date. If a BDC meets the eligibility criteria, but has not filed its report on Form 10-K or 10-Q with the SEC at the time the index is reconstituted, asset information from its report will be included in the index at the time of the next reconstitution. This information is derived from sources that are considered reliable, but BlackRock does not guarantee the veracity, currency, completeness or accuracy of this information.

Important Information:

In the U.S., this material is for institutional use only – not for public distribution.

In Canada, this material is intended for permitted clients as defined under Canadian securities law, is for educational purposes only, does not constitute investment advice and should not be construed as a solicitation or offering of units of any fund or other security in any jurisdiction.

In **China**, this material may not be distributed to individuals resident in the People's Republic of China ("PRC", for such purposes, not applicable to Hong Kong, Macau and Taiwan) or entities registered in the PRC unless such parties have received all the required PRC government approvals to participate in any investment or receive any investment advisory or investment management services.

In **Singapore**, this document is provided by BlackRock (Singapore) Limited (company registration number:200010143N) for use only with institutional investors as defined in Section 4A of the Securities and Futures Act, Chapter 289 of Singapore. This advertisement or publication has not been reviewed by the Monetary Authority of Singapore.

In **Hong Kong**, this material is issued by BlackRock Asset Management North Asia Limited and has not been reviewed by the Securities and Futures Commission of Hong Kong. This material is for distribution to "Professional Investors" (as defined in the Securities and Futures Ordinance (Cap.571 of the laws of Hong Kong) and any rules made under that ordinance.) and should not be relied upon by any other persons or redistributed to retail clients in Hong Kong.

In **Japan**, this is issued by BlackRock Japan. Co., Ltd. (Financial Instruments Business Operator: The Kanto Regional Financial Bureau. License No375, Association Memberships: Japan Investment Advisers Association, The Investment Trusts Association, Japan, Japan Securities Dealers Association, Type II Financial Instruments Firms Association) for Institutional Investors only. All strategies or products BLK Japan offer through the discretionary investment contracts or through investment trust funds do not guarantee the principal amount invested. The risks and costs of each strategy or product we offer cannot be indicated here because the financial instruments in which they are invested vary each strategy or product. Therefore, before deciding to receive our strategies or products, please refer to the document provided prior to the execution of agreement, prospectus, terms and conditions of investment trust and the explanatory document, etc. that will be delivered to you in accordance with each offering model and confirm the contents thereof.

In **South Korea**, this information is issued by BlackRock Investment (Korea) Limited. This material is for distribution to the Qualified Professional Investors (as defined in the Financial Investment Services and Capital Market Act and its sub-regulations) and for information or educational purposes only and does not constitute investment advice or an offer or solicitation to purchase or sells in any securities or any investment strategies.

In **Brunei**, BlackRock does not hold a Capital Markets Services License and is therefore not licensed for conducting business in any regulated activity under the Securities Market Order, 2013. This document has been issued by BlackRock and is intended for the exclusive use of the recipient. The distribution of the information contained herein may be restricted by law and persons who access it are required to comply with any such restrictions. The information provided herein information is directed solely at persons who would be regarded as "Accredited Investors", "Expert Investors" or "Institutional Investors" in accordance with the Securities Market Order 2013.

In Australia & New Zealand, issued by BlackRock Investment Management (Australia) Limited ABN 13 006 165 975, AFSL 230 523 (BIMAL) for the exclusive use of the recipient, who warrants by receipt of this material that they are a wholesale client as defined under the Australian Corporations Act 2001 (Cth) and the New Zealand Financial Advisers Act 2008 respectively. BIMAL is not licensed by a New Zealand regulator to provide 'Financial Advice Service' 'Investment manager under an FMC offer' or 'Keeping, investing, administering, or managing money, securities, or investment portfolios on behalf of other persons'. BIMAL's registration on the New Zealand register of financial service providers does not mean that BIMAL is subject to active regulation or oversight by a New Zealand regulator. This material provides general advice only and does not take into account your individual objectives, financial situation, needs or circumstances. Before making any investment decision, you should therefore assess whether the material is appropriate for you and obtain financial advice tailored to you having regard to your individual objectives, financial situation, needs and circumstances. Refer to BIMAL's Financial Services Guide on its website for more information. This material is not a financial product recommendation or an offer or solicitation with respect to the purchase or sale of any financial product in any jurisdiction. This material is not intended for distribution to, or use by, any person or entity in any jurisdiction or country where such distribution or use would be contrary to local law or regulation. BIMAL is a part of the global BlackRock Group which comprises of financial product issuers and investment managers around the world. BIMAL is the issuer of financial products and acts as an investment manager in Australia. BIMAL does not offer financial products to persons in New Zealand who are retail investors (as that term is defined in the Financial Markets Conduct Act 2013 (FMCA)). This material does not constitute or relate to such an offer. To the extent that this material does constitute or relate to such an offer of financial products, the offer is only made to, and capable of acceptance by, persons in New Zealand who are wholesale investors (as that term is defined in the FMCA). BIMAL, its officers, employees and agents believe that the information in this material and the sources on which it is based (which may be sourced from third parties) are correct as at the date of publication. While every care has been taken in the preparation of this material, no warranty of accuracy or reliability is given and no responsibility for the information is accepted by BIMAL, its officers, employees or agents. Except where contrary to law, BIMAL excludes all liability for this information.

In Central America, these securities have not been registered before the Securities Superintendence of the Republic of Panama, nor did the offer, sale or their trading procedures. The registration exemption has made according to numeral 3 of Article 129 of the Consolidated Text containing of the Decree-Law No. 1 of July 8, 1999 (institutional investors). Consequently, the tax treatment set forth in Articles 334 to 336 of the Unified Text containing Decree-Law No. 1 of July 8, 1999, does not apply to them. These securities are not under the supervision of the Securities Superintendence of the Republic of Panama. The information contained herein does not describe any product that is supervised or regulated by the National Banking and Insurance Commission (CNBS) in Honduras. Therefore any investment described herein is done at the investor's own risk. This is an individual and private offer which is made in Costa Rica upon reliance on an exemption from registration before the General Superintendence of Securities ("SUGEVAL"), pursuant to articles 7 and 8 of the Regulations on the Public Offering of Securities ("Reglamento sobre Oferta Pública de Valores"). This information is confidential, and is not to be reproduced or distributed to third parties as this is NOT a public offering of securities in Costa Rica. The product being offered is not intended for the Costa Rican public or market and neither is registered or will be registered before the SUGEVAL, nor can be traded in the secondary market. If any recipient of this documentation receives this document in El Salvador, such recipient acknowledges that the same has been delivered upon his request and instructions, and on a private placement basis. For Guatemala Investors, This communication and any accompanying information (the "Materials") are intended solely for informational purposes and do not constitute (and should not be interpreted to constitute) the offering, selling, or conducting of business with respect to such securities, products or services in the jurisdiction of the addressee (this "Jurisdiction"), or the conducting of any brokerage, banking, or other similarly regulated activities ("Financial Activities") in the Jurisdiction. Neither BLACKROCK, nor the securities, products and services described herein, are registered (or intended to be registered) in the Jurisdiction. Furthermore, neither BLACKROCK, nor the securities, products, services, or activities described herein, are regulated, or supervised by any governmental or similar authority in the Jurisdiction. The Materials are private, confidential and are sent by BLACKROCK only for the exclusive use of the addressee. The Materials must not be publicly distributed and any use of the Materials by anyone other than the addressee is not authorized. The addressee is required to comply with all applicable laws in the Jurisdiction, including, without limitation, tax laws and exchange control regulations if any.

The information provided within this document is for education purposes only in **Bermuda**. This information is not intended for distribution to, or use by, any person or entity in any jurisdiction or country where such distribution would be unlawful under the securities laws of such jurisdiction or country.

In Latin America, for institutional investors and financial intermediaries only (not for public distribution). This material is for educational purposes only and does not constitute investment advice or an offer or solicitation to sell or a solicitation of an offer to buy any shares of any fund or security and it is your responsibility to inform yourself of, and to observe, all applicable laws and regulations of your relevant jurisdiction. If any funds are mentioned or inferred in this material, such funds may not been registered with the securities regulators of Argentina, Brazil, Chile, Colombia, Mexico, Panama, Peru, Uruguay or any other securities regulator in any Latin American country and thus, may not be publicly offered in any such countries. The securities regulators of any country within Latin America have not confirmed the accuracy of any information contained herein. No information discussed herein can be provided to the general public in Latin America. The contents of this material are strictly confidential and must not be passed to any third party.

In **Colombia**, the promotion of each product discussed herein is carried out through the Representative Office of BlackRock Fund Advisors, authorized by the Colombian Financial Superintendence. The transmission of this information does not constitute a securities public offering in Colombia. The products discussed herein may not be promoted or marketed in Colombia or to Colombian residents unless such promotion and marketing is made in compliance with Decree 2555 of 2010 and other applicable rules and regulations related to the promotion of foreign financial and/or securities related products or services in Colombia. With the receipt of these materials, and unless the Client contacts BlackRock with additional requests for information, the Client agrees to have been provided the information for due advisory required by the marketing and promotion regulatory regime applicable in Colombia.

In **Chile**, The securities if any described in this document are foreign securities, therefore: i) their rights and obligations will be subject to the legal framework of the issuer's country of origin, and therefore, investors must inform themselves regarding the form and means through which they may exercise their rights; and that ii) the supervision of the Commission for the Financial Market (Comisión para el Mercado Financiero or "CMF") will be concentrated exclusively on compliance with the information obligations established in General Standard No. 352 of the CMF and that, therefore, the supervision of the security and its issuer will be mainly made by the foreign regulator; In the case of a fund not registered with the CMF is subject to General Rule No. 336 issued by the SVS (now the CMF). The subject matter of this sale may include securities not registered with the CMF; therefore, such securities are not subject to the supervision of the CMF. Since the securities are not registered in Chile, there is no obligation of the issuer to make publicly available information about the securities in Chile. The securities shall not be subject to public offering in Chile unless registered with the relevant registry of the CMF.

IN MEXICO, FOR INSTITUTIONAL AND QUALIFIED INVESTORS USE ONLY. INVESTING INVOLVES RISK, INCLUDING POSSIBLE LOSS OF PRINCIPAL. THIS MATERIAL IS PROVIDED FOR EDUCATIONAL AND INFORMATIONAL PURPOSES ONLY AND DOES NOT CONSTITUTE AN OFFER OR SOLICITATION TO SELL OR A SOLICITATION OF AN OFFER TO BUY ANY SHARES OF ANY FUND OR SECURITY. This information does not consider the investment objectives, risk tolerance or the financial circumstances of any specific investor. This information does not replace the obligation of financial advisor to apply his/her best judgment in making investment decisions or investment recommendations. It is your responsibility to inform yourself of, and to observe, all applicable laws and regulations of Mexico. If any funds, securities or investment strategies are mentioned or inferred in this material, such funds, securities or strategies have not been registered with the Mexican National Banking and Securities Commission (Comisión Nacional Bancaria y de Valores, the "CNBV") and thus, may not be publicly offered in Mexico. The CNBV has not confirmed the accuracy of any information contained herein. The provision of investment management and investment advisory services ("Investment Services") is a regulated activity in Mexico, subject to strict rules, and performed under the supervision of the CNBV. These materials are shared for information purposes only, do not constitute investment advice, and are being shared in the understanding that the addressee is an Institutional or Qualified investor as defined under Mexican Securities (Ley del Mercado de Valores). Each potential investor shall make its own investment decision based on their own analysis of the available information. Please note that by receiving these materials, it shall be construed as a representation by the receiver that it is an Institutional or Qualified investor as defined under Mexican law. BlackRock México Operadora, S.A. de C.V., Sociedad Operadora de Fondos de Inversión ("BlackRock México Operadora") is a Mexican subsidiary of BlackRock, Inc., authorized by the CNBV as a Mutual Fund Manager (Operadora de Fondos), and as such, authorized to manage Mexican mutual funds, ETFs and provide Investment Advisory Services. For more information on the Investment Services offered by BlackRock Mexico, please review our Investment Services Guide available in www.blackrock.com/mx. This material represents an assessment at a specific time and its information should not be relied upon by the you as research or investment advice regarding the funds, any security or investment strategy in particular. Reliance upon information in this material is at your sole discretion. BlackRock México is not authorized to receive deposits, carry out intermediation activities, or act as a broker dealer, or bank in Mexico. For more information on BlackRock México, please visit: www.blackRock.com/mx. BlackRock receives revenue in the form of advisory fees for our advisory services and management fees for our mutual funds, exchange traded funds and collective investment trusts. Any modification, change, distribution or inadequate use of information of this document is not responsibility of BlackRock or any of its affiliates. Pursuant to the Mexican Data Privacy Law (Ley Federal de Protección de Datos Personales en Posesión de Particulares), to register your personal data you must confirm that you have read and understood the Privacy Notice of BlackRock México Operadora. For the full disclosure, please visit www.blackRock.com/mx and accept that your personal information will be managed according with the terms and conditions set forth therein.

In **Peru**, this private offer does not constitute a public offer, and is not registered with the Securities Market Public Registry of the Peruvian Securities Market Commission, for use only with institutional investors as such term is defined by the Superintendencia de Banca, Seguros y AFP.

This material is for distribution to Professional Clients (as defined by the Financial Conduct Authority or MiFID Rules) only and should not be relied upon by any other persons.

In the UK and Non-European Economic Area (EEA) countries: this is Issued by BlackRock Investment Management (UK) Limited, authorised and regulated by the Financial Conduct Authority. Registered office: 12 Throgmorton Avenue, London, EC2N 2DL. Tel: + 44 (0)20 7743 3000. Registered in England and Wales No. 02020394. For your protection telephone calls are usually recorded. Please refer to the Financial Conduct Authority website for a list of authorised activities conducted by BlackRock.

In the European Economic Area (EEA): This document is marketing material. This is Issued by BlackRock (Netherlands) B.V. and is authorised and regulated by the Netherlands Authority for the Financial Markets. Registered office Amstelplein 1, 1096 HA, Amsterdam, Tel: 020 – 549 5200, Tel: 31-20-549-5200. Trade Register No. 17068311 For your protection telephone calls are usually recorded.

In **Switzerland**: This document shall be exclusively made available to, and directed at, qualified investors as defined in Article 10 (3) of the CISA of 23 June 2006, as amended, at the exclusion of qualified investors with an opting-out pursuant to Art. 5 (1) of the Swiss Federal Act on Financial Services ("FinSA"). For information on art. 8 / 9 Financial Services Act (FinSA) and on your client segmentation under art. 4 FinSA, please see the following website: www.blackrock.com/finsa.

In Israel: BlackRock Investment Management (UK) Limited is not licenced under Israel's Regulation of Investment Advice, Investment Marketing and Portfolio Management Law, 5755-1995 (the "Advice Law"), nor does it carry insurance thereunder.

In the DIFC: This document is intended strictly for Professional Clients as defined under the Dubai Financial Services Authority ("DFSA") Conduct of Business (COB) Rules. Blackrock Advisors (UK) Limited -Dubai Branch is a DIFC Foreign Recognised Company registered with the DIFC Registrar of Companies (DIFC Registered Number 546), with its office at Unit L15 - 01A, ICD Brookfield Place, Dubai International Financial Centre, PO Box 506661, Dubai, UAE, and is regulated by the DFSA to engage in the regulated activities of 'Advising on Financial Products' and 'Arranging Deals in Investments' in or from the DIFC, both of which are limited to units in a collective investment fund (DFSA Reference Number F000738).

In **Saudi Arabia**, This document is intended for Institutional and Qualified Clients (as defined by the Capital Market Authority) only and should not be relied upon by any other persons. BlackRock Saudi Arabia, authorised and regulated by the Capital Market Authority (License Number 18- 192-30). Registered office: 7976 Salim Ibn Abi Bakr Shaikan St, 2223 West Umm Al Hamam District Riyadh, 12329 Riyadh, Kingdom of Saudi Arabia, Tel: +966 11 838 3600. CR No, 1010479419. For your protection telephone calls are usually recorded. Please refer to the Capital Market Authority website for a list of authorised activities conducted by BlackRock Saudi Arabia.

In Bahrain: The information contained in this document is intended strictly for sophisticated institutions

In the United Arab Emirates (UAE) (excluding the Dubai International Financial Centre (DIFC) and the Abu Dhabi Global Market (ADGM)): The information contained in this document is intended to Professional Investors.

Abu Dhabi Global Markets

This communication is sent strictly within the context of, and constitutes, an Exempt Communication under the Financial Services and Markets Regulations 2015 (as amended).

BlackRock Advisors (UK) Limited - ADGM Branch is a Branch of a Foreign Company registered with the Abu Dhabi Global Market Registration Authority (Registered number 21523), with its office at Floor 25, Al Sila Tower, Abu Dhabi Global Market Square, Al Maryah Island, Abu Dhabi, UAE, and is regulated by the ADGM Financial Services Regulatory Authority ("FSRA") to engage in the regulated activities of 'Arranging Deals in Investments'; 'Advising on Investments or Credit' 'Managing Assets'; and 'Managing in a Collective Investment Fund' (FRSA Reference 240099.

In the State of Qatar and the Qatar Financial Centre (QFC): This document is intended strictly for sophisticated institutions.

In **Kuwait:** This document is intended strictly for sophisticated institutions that are 'Professional Clients' as defined under the Kuwait Capital Markets Law and its Executive Bylaws.

The information contained in this document, does not constitute and should not be construed as an offer of, invitation or proposal to make an offer for, recommendation to apply for or an opinion or guidance on a financial product, service and/or strategy. Whilst great care has been taken to ensure that the information contained in this document is accurate, no responsibility can be accepted for any errors, mistakes or omissions or for any action taken in reliance thereon. You may only reproduce, circulate and use this document (or any part of it) with the consent of BlackRock Investment Management (UK). The information contained in this document is for information purposes only. It is not intended for and should not be distributed to, or relied upon by, members of the public.

The information contained in this document, may contain statements that are not purely historical in nature but are "forward-looking statements". These include, amongst other things, projections, forecasts or estimates of income. These forward-looking statements are based upon certain assumptions, some of which are described in other relevant documents or materials. If you do not understand the contents of this document, you should consult an authorised financial adviser. Any research in this document has been procured and may have been acted on by BlackRock for its own purpose. The results of such research are being made available only incidentally. The views expressed do not constitute investment or any other advice and are subject to change. They do not necessarily reflect the views of any company in the BlackRock Group or any part thereof and no assurances are made as to their accuracy. Any opinions, forecasts represent an assessment of the market environment at a specific time and is not intended to be a forecast of future events or a guarantee of future results. This information should not be relied upon by the reader as research, investment advice or a recommendation. This document is for information purposes only and does not constitute an offer or invitation to anyone to invest in any BlackRock funds and has not been prepared in connection with any such offer. If you are an intermediary or third-party distributor, you must only disseminate this material to other Professional Investors as permitted in the above-specified jurisdictions and in accordance with applicable laws and regulations. Certain information contained herein has been obtained from published sources and from third parties, including without limitation, market forecasts, internal and external surveys, market research, publicly available information and industry publications. In addition, certain information contained herein may have been obtained from companies in which investments have been made by entities affiliated with BlackRock. Although such information is believed to be reliable for the purposes used herein, neither the Fund nor BlackRock assumes any responsibility for the accuracy or completeness of such information. Reliance upon information in this material is at the sole discretion of the reader. Certain information contained herein represents or is based upon forward-looking statements or information. BlackRock and its affiliates believe that such statements and information are based upon reasonable estimates and assumptions. However, forward-looking statements are inherently uncertain, and factors may cause events or results to differ from those projected. Therefore, undue reliance should not be placed on such forward-looking statements and information.

© 2025 BlackRock, Inc. or its affiliates. All Rights Reserved. BLACKROCK, BLACKROCK SOLUTIONS, iSHARES, BUILD ON BLACKROCK and SO WHAT DO I DO WITH MY MONEY are trademarks of BlackRock, Inc. or its affiliates. All other trademarks are those of their respective owners.