THE RETAILIZATION OF PRIVATE MARKETS IN ALTERNATIVES

A Historic Shift in DC Plan and Retail Asset Allocation is Accelerating



WHY ALTERNATIVES?

Diversification is at the heart of modern portfolio theory: portfolios that include uncorrelated returns can be more resilient and outperform undiversified portfolios over time.¹ Alternative investments, which potentially offer a variety of different return profiles, many of which are markedly different to listed securities, can help investors to achieve this goal and therefore may boost their investment or retirement returns.²

The benefits are not just theoretical. While private market investments, such as private equity and debt and real estate, have come under pressure as the interest rate environment has changed and public markets have declined, these alternative assets have had notable long-term performance. Based on market data, private equity investments outperformed public equities by more than nine percentage points on average for the five years ended March 2023.³ Private debt outperformed high yield debt by more than five percentage points for the same period. Moreover, challenging conditions could prove advantageous for future returns.

The outperformance of alternative assets has the potential to deliver significant benefits for retirees. A study by WTW with Georgetown University showed that the addition of alternatives can increase annual retirement income by as much as 17%.⁴ At a time of soaring energy costs and high inflation, that 17% difference between a portfolio solely focused on publicly-listed securities and one that incorporates alternative assets could help shield pensioners from further forthcoming shocks and cost of living increases. Moreover, by reducing overall portfolio volatility and enhancing yield stability, private assets could have much to offer at a time of public market turbulence and lower return expectations for traditional asset classes. Financial advisors are unequivocal that change is required given today's investment climate. According to a recent survey conducted by CAIS, which offers an alternative investment platform for independent financial advisors, more than a third believe that the traditional 60/40 mix of stocks and bonds is no longer effective for investing, while a further 42% assert that it is not as effective as it used to be.⁵ The same survey stated that more than eight in 10 financial professionals believe that all retail investors should have access to alternative investments.⁶

By reducing overall portfolio volatility and enhancing yield stability, private assets could have much to offer at a time of public market turbulence and lower return expectations for traditional asset classes.

THE DEMOCRATIZATION IMPERATIVE

Historically, access to alternative assets has been the preserve of institutional investors such as defined benefit (DB) pension plans, sovereign wealth funds, governments and not-for-profit endowments and foundations. In addition, ultra-high-net-worth individuals have also been able to access these assets, with 81% currently invested in the asset class, according to global consulting firm EY.⁷

Retail investors – as well as defined contribution (DC) plans – have enjoyed few if any opportunities to access such assets. It is estimated that private equity penetration by North American individual private investors accounts for 10.7% of all funds raised from local private equity funds, with the balance coming from institutional investors. This is a significantly more than APAC with 8.8% and Europe with 7.4%.⁸

Instead, most retail investors have focused on more traditional investments, such as mutual funds and collective investment trusts (CITs) composed of the stocks and bonds of public companies. The inability of many retail investors to access private markets is particularly striking given the continued rapid growth of this segment. Research by Cerulli Associates shows that retail and institutional professionally-managed assets in the United States both now stand at around \$34 trillion each.⁹ However, retail client channel assets recorded 17.5% growth during 2021, and are expected to soon surpass institutional assets.¹⁰

Alternatives have been hard to access for retail investors and for many DC plans seemingly because appropriate investment paths for alternatives have been limited in number or simply been unavailable. In certain jurisdictions, regulators are focused on retail access with concerns about alternative assets' complexity and potential risks (principally relating to lack of liquidity).¹¹ Relatively high fees (compared to funds comprised of listed securities) and high minimum investment amounts can act as barriers. Another hurdle has been the capabilities of DC plans to amend existing practices because of longstanding expectations regarding asset liquidity and concerns over risk and pricing.

Alternatives have been hard to access for retail investors and for many DC plans because appropriate investment paths for alternatives have been limited in number or simply been unavailable.

WHAT WILL DRIVE RETAILIZATION?

In recent years, the appeal of alternatives' past stronger returns have become sufficiently compelling to spur efforts by private markets to democratize alternative assets by broadening access to them – so-called retailization. There are a number of drivers of this change.

Demographics Drive Change

Demographics are playing an important part. Pensioners and other retail investors are seemingly seeking to secure strong long-term returns so that they can support themselves as life expectancy increases. Some countries may also be motivated to reduce the potential burden on the state. Democratizing access to savings vehicles also seemingly aligns with many governments' social objectives as part of their environmental, social and governance (ESG) strategy.

In response, many countries are creating new access routes that could benefit savers by increasing future retirement income. They have begun to loosen existing investment frameworks and guidelines or sought to create new alternative asset product structures to make alternative assets more accessible to retail and individual investors.

Industry Economics

Many alternative asset managers are evolving their offerings so that non-accredited individuals can invest in private markets so that they can better diversify their portfolios. While costs remain high, and a potential barrier to greater retail participation, changes such as tokenization may drive further product innovation and potentially lower costs for retail investors.

Of course, there is self-interest in private market managers willingness to open the market to retail investors. A recent survey by BNY Mellon of traditional and alternative asset managers revealed that, over the next one to two years, 74.5% expect to increase their firm's offerings of private equity, and 43% expect to increase their firm's offerings of private credit.¹²

Alternative asset managers are keenly aware that the DB plans that have been a mainstay of investment in recent decades are in long-term decline.¹³ Consequently, many leading alternative investment managers are looking to attract new sources of investment, including from retail investors and DC plans, which are now the predominant pension plan type in most countries. Many have already announced major efforts to target these retail or retail like markets with these new products.

- Ares launched Ares Wealth Management Solutions (AWMS) in 2021 with a mission to expand individual investors' access to Ares' private markets platform. This group is focused on bringing innovative solutions to the wealth channel. AWMS believes in the power of education for unlocking growth and in 2022, launched its Financial Advisor Solutions Team exclusively dedicated to helping advisors incorporate private market strategies into portfolios.¹⁴
- Blackstone, the world's largest private equity firm, announced in 2021 plans to "virtually double" its workforce focused on the so-called mass wealthy market¹⁵ and has since increased headcount in both Europe¹⁶ and Asia.¹⁷
- KKR & Co. recently suggested a "Private Wealth Style" portfolio could include up to a 30% allocation to Alternatives.¹⁸

- Partners Group was one of the earliest movers in the space and began offering private markets solutions to individual investors in 2001.¹⁹ In 2011 they officially launched their private wealth business, which has grown into a \$233 billion business with offices in all major dealmaking hubs.²⁰
- Other leading firms, including CVC EQT and Pantheon, are also increasing their focus and launching products targeting this market. The Apollo Aligned Alternatives vehicle aims to eliminate the friction points that have stopped high-net-worth investors from accessing alternatives, according to its CEO, Marc Rowan, who believes its private wealth product could become its largest fund.²¹

Despite the commitments by leading alternative investment managers, the uncertain economic backdrop, higher interest rates and weaker public markets have created headwinds for private markets as assets of all types are being repriced due to valuation and liquidity. However, following its record highs, fundraising for alternative assets products slowed significantly in the second half of 2022 and have continued their downward trend through 2023.²² Despite the decline, private market managers' focus on retail investors is expected to continue to grow over the long term.²³

Despite the rush of commitments by leading alternative investment managers, the uncertain economic backdrop, higher interest rates and weaker public markets have created headwinds for private markets as assets of all types are being repriced due to valuation and liquidity.

Evolving Retail and DC Plan Attitudes

Retailization is something of a chicken and egg situation – investors cannot demonstrate their interest in alternatives without suitable vehicles. But the outlook appears positive. Fundraising for non-traded alternative investments (including BDCs, Interval Funds, non-traded REITs, etc.) totaled \$57.8 billion year to date as of October 2023, according to Robert A. Stanger and Co.²⁴

Nevertheless, more education – about the merits of including alternative assets in a diversified saving or retirement plan – is required. Research consistently shows that people will save more for their future needs if they are given proper incentives, services and guidance.²⁵

At the same time, DC plans could broaden their outlook to reflect the challenges of the future and shifts in the balance of assets between the public and private markets. Many DC plans have historically been hesitant to innovate and include alternative assets. As employers seek to attract and retain talent in a tight labor market, many are reassessing their benefits packages,²⁶ which can include their DC plans. There could therefore be greater willingness to innovate DC plans and focus on participant outcomes, by allowing DC participants to access a return profile similar to DB plans through the inclusion of alternatives.

DC plans need to broaden their outlook to reflect the challenges of the future and shifts in the balance of assets between the public and private markets.

A CLEAR DIRECTION OF TRAVEL

Efforts to broaden retail access to alternative assets have two principal components: the creation (or expansion) of funds focused on private markets that are available to retail investors and DC plans; and (where necessary) amendments to plan rules, regulations or practices that hamper DC plan investment in alternatives. While the pace and nature of change varies around the world, major geographies are moving in the same broad direction.

The U.S.

01

In the U.S., alternative assets are accessible through a number of vehicles, including net asset value real estate investment trusts (NAV REITS), corporate entities, non-traded business development companies (BDCs), interval funds (which must be purchased directly from the investment company that manages the fund) and Delaware statutory trusts (which typically require a minimum investment of \$100,000).²⁷

Of these, NAV REITS could provide potential opportunities for retail investors given their characteristics. In 2021 and 2022, NAV REITs raised \$34.4B and \$33.2B, respectively. Through Q3 of 2023 the total was down to \$8.9B. During 2023 NAV REITs experienced market challenges driven by high interest rates and uncertain property valuations that triggered a run of redemption requests and slowed the flow of capital into the product.²⁸

Starting in 2015, Blackstone's BREIT revolutionized the NAV REIT space with enhanced transparency, lower fees and incentives aligned with investors, while bringing high-quality institutional real estate to individuals.²⁹ Despite some recent challenges for the product, the market continues to see new entrants, with some offering more niche products such as triple net leases (NNN), renewable infrastructure, ESG, and Real Estate Debt.

02

In December 2019, the Setting Every Community Up for Retirement Enhancement (SECURE) Act was signed into law and the SECURE Act 2.0 was passed in 2022, expanding on the original. According to Georgetown University's Center for Retirement Initiatives, while the Acts encourage lifetime savings solutions and allows the creation of groups of small businesses that can offer 401(k)s together,³⁰ it does not explicitly enable people to invest part of their 401(k) portfolio in alternative assets. Nevertheless, given its intent, they are seen as potentially supportive of this goal in the medium term.

03

In June 2020, the Department of Labor (DoL) issued an Information Letter in response to a request from Partners Group and Pantheon about the role of alternative assets in DC plans. The Information Letter clarifies that under federal law, DC pension plan fiduciaries can incorporate certain private equity strategies into diversified investment options, such as target-date funds.³¹ The DoL guidance helps address an important hurdle for DC plan managers, who have to-date been reluctant to meaningfully incorporate private markets exposure into DC plans, including 401(k)s, for fear of non-compliance with their fiduciary duty under federal law. By contrast, DB plans included in a 2019 survey of the 200 largest U.S. retirement plans had invested an average of 8.7% of their assets in private equity.³²

While highlighting the potential complexities of such a strategy, the letter was interpreted by many in the industry as being broadly supportive of efforts to broaden the assets that comprise DC plans. In a report, the Defined Contribution Institutional Investment Association (DCIIA) said the move "creates an opportunity for DC fiduciaries to provide their plan participants with access and diversification."³³ It should be noted that in December 2021, the DoL issued a Supplemental Statement that states that the Information Letter "did not endorse or recommend" private equity investments and cautions that plan fiduciaries should not expose plan participants and beneficiaries to unwarranted risks by assuming that private equity is generally appropriate for a typical 401(k) plan."³⁴

European Union (EU)

A number of managers are assumed by industry observers to be in the process of creating société d'investissement à capital variable (SICAV) Part II funds in the EU. SICAV Part II funds are allowed to invest in all types of assets and qualify as an alternative investment fund (AIF); they can be sold to all types of investors.³⁵ SICAV Part II is a long-standing regime with a broad range of potential uses for saving and retirement planning. However, more recently there has been a realization that the structure is a suitable vehicle for retailization of alternative assets.

Examples of SICAV products launched in 2023 include KKR & Co.'s Private Markets Equity Fund SICAV SA, or K-PRIME, which targets European and Asian investors and is designed as a single point of entry to KKR's private equity platform;³⁶ Apollo's Private Markets SICAV, a Luxembourg-based product platform designed to offer full suite of alternative investment solutions across asset classes including credit, equity and real assets to investors in EMEA, Asia and Latin America;³⁷ and EQT Nexus, ETQ's first strategy for individual investors which enables them access to the same range of investments that EQT's institutional clients benefit from.³⁸ CVC has also recently established a European private credit focused SICAV, approved by the CSSF in January 2024.³⁹ In geographies where there is a move to a DC market, such as the Netherlands, industry participants believe that alternative assets could play an increasing role.

02

Other managers are reexamining the opportunities presented by the ELTIF structure, a collective investment framework that allows investors to put money into companies and projects that need long-term capital. One potential benefit of the ELTIF structure in contrast to SICAV Part II is that it is explicitly designed for broader retail distribution in line with the Markets in Financial Instruments Directive (MiFID) II client categorization rules; SICAV Part II funds may be more applicable for a broad high-net-worth client base.

ELTIFs were created in 2015 but have taken time to attract interest. By October 2021, only 57 ELTIFs were authorized (across Italy, France, Spain and Luxembourg) and a European Commission Impact Assessment described the market as subscale.⁴⁰ However, there is renewed interest in the structure and funds are now being created with sizes of €300-€500 million. ELTIFs could be further boosted by reforms now underway.

In November 2021, the European Commission proposed a number of amendments to existing regulations to broaden the range of eligible assets and increase flexibility in relation to portfolio composition, distribution and authorization. According to Irish business law firm, Mason Hayes & Curran, the European Long-Term Investment Fund regulation (ELTIF 2.0) also removes barriers to retail investor access, and establishes an optional liquidity window mechanism for redemptions, allowing investors to exit early.⁴¹

In December 2022, the European Council and the European Parliament reached agreement on ELTIF 2.0, amending the existing ELTIF regulation. It was published in the Official Journal of the European Union on March 20, 2023. On December 19, 2023, the European Securities and Markets Authority (ESMA), published its final Regulatory Technical Standards (RTS) under the revised regulation, in advance of ELTIF 2.0 coming into force on January 10, 2024.⁴²

The United Kingdom (UK)

01

Alternative asset managers active in the UK are focused on the Long-Term Asset Fund (LTAF), a new category of authorized open-ended fund specifically designed to enable retail investors to access nontraditional investments in a search for diversification or higher returns. LTAFs, which were announced in November 2020, can be used for a wide range of investment purposes, not just retirement planning.⁴³

Many asset managers are exploring LTAF launches, with several already authorized by the FCA including BlackRock's Diversified Alternative Strategies LTAF, Aviva Investors' Real Estate Active LTAF, Schroder Capital Climate+ LTAF, and Schroders Greencoat LTAF.

In June 2023, the Financial Conduct Authority (FCA) officially published a policy statement announcing that a unit in an LTAF will no longer be categorized as a Non-Mass Market Investment (NMMI) but will, instead become a Restricted Mass Market Investment (RMMI). This broadens LTAF access to retail investors and more defined contribution pension schemes.⁴⁴

CONSIDERATIONS FOR ALTERNATIVE ASSET MANAGERS

The new fund structures required to reach retail investors and DC plans create new challenges and additional costs for alternative asset managers. These include:

1	5	\$	A	h
	Ξ	-	ĥ	ľ

New and potentially complex regulatory reporting requirements given distribution to retail investors.

	000 000	P
4		

Amendments to existing operational arrangements to accommodate new types of investors, including benchmarking and participant communications, as well as enhanced reporting requirements.

|--|

The need to accommodate trading activity on a regular basis (in contrast to a typical private market fund where investors only receive a return when the underlying investment is sold).

There is a need for more frequent valuation in order to provide pricing for periodic subscriptions and/or redemptions; many private funds are moving to quarterly or even monthly valuations. This more rigorous approach to the valuation process and greater frequency of valuation will significantly increase workload for asset managers.

However, they do not need to manage these additional requirements alone: many may choose to outsource some tasks to custodians or other third parties.

TACKLING THE LIQUIDITY CHALLENGE

Historically, retail-focused funds and those aimed at DC plans have prioritized daily liquidity. Traditional alternative asset funds have a lifespan aligned with a specific investment, and few if any opportunities to exit prior to maturity: it is these characteristics that have helped to put them off-limits for retail investors and DC plans.

As part of the democratization of alternative assets, retail investors in DC plans must accept that daily liquidity in illiquid asset classes is neither achievable nor desirable – illiquidity is one of the reasons why alternative assets have historically outperformed publicly-listed assets.⁴⁵ However, the alternative asset community also has to accept some compromises in order to better accommodate the needs of retail investors and DC plans, which necessarily differ from institutional investors.

Different investment vehicles in various jurisdictions offer different solutions that seek to avoid the risk of an alternative asset manager being unable to meet redemption requests, which would damage their reputation, while also providing some of the flexibility that retail investors are accustomed to:

- Non-traded BDCs offer monthly or quarterly liquidity (as in the case of Blackstone Private Credit Fund), although this is not guaranteed.⁴⁶
- Many non-traded REITs have liquidity provisions, which allow clients to request liquidity after they have owned shares for a certain period of time. However, REITs can terminate this provision during real estate downturns, so that they are not forced to sell properties at the wrong time to fund redemptions.⁴⁷
- Funds may impose limits on redemptions. The imperative to avoid harming remaining investors must be balanced against the need to maintain the credibility of a fund and access to liquidity. Many funds have a limit on redemptions based on the quarterly net asset value (NAV) of the fund, with some funds limiting redemptions to 5% of NAV. In January 2023, several managers had to limit withdrawals from their non-traded REITs when requests from investors exceeded their caps.⁴⁸

As part of the democratization of alternative assets, retail investors in DC plans must accept that daily liquidity in illiquid asset classes is neither achievable nor desirable

- A similar redemption structure is deployed for ELTIFs, with redemptions limited to a percentage of the ELTIF's assets in line with the strategy set by the manager.⁴⁹ Proposed reforms to ELTIF would enshrine the options of an optional liquidity window mechanism for redemptions.⁵⁰
- The long-term nature of alternative investment strategies is often reflected in initial lockup periods. For instance, SICAV Part II funds impose twelve-month lock-ups (with a penalty for redemption during this period).

Of course, facilitating redemptions could have consequences for performance as part of the portfolio must be held in cash or cash equivalents; these assets will necessarily yield less than the private assets in the main portfolio. Typically, funds being developed currently have the ability to maintain 10%-15% of the fund in liquid assets to manage redemptions, and thus the overall fund framework will have both liquid and illiquid assets that need to be accounted for and managed effectively. More generally, constructing and managing such a fund is complex and may increase costs compared to a regular alternative asset fund.

However, open-ended alternatives funds may have some advantages over traditional private asset funds. In a traditional closed-end alternative asset fund (which might have a term of upwards of over 10 years), it may take up to five years for a fund to be fully deployed: cash in the fund may only be put to work for as little as 70% of the term⁵¹ and during the rest of the term investors may hold unfunded commitments in low yielding cash equivalents; in an open-ended fund, investment may be faster and therefore cash will be put to work for a longer period. Moreover, the likely greater scale of open-ended funds should create greater opportunities for diversification and potential enhancement of returns as a result.

One common concern about opening up alternative asset funds to retail investors is that the lag in publishing NAVs means that it can be difficult to assess the true value of funds. However, in the aftermath of recent volatile markets, the sizeable discount currently applied to many private equity funds listed on the London Stock Exchange indicates that the market may be capable of accurately pricing this risk.

REFRAMING THE FOCUS ON FEES

The higher fees associated with private markets – which often include a sizeable performance component – have long been seen as a barrier to retail investor and DC plan participation. DB plans have enjoyed significant latitude when it comes to assessing the merits of paying higher fees for potentially higher returning asset classes. Indeed, they have often embraced alternative assets and now either coinvest or have created their own teams.

In contrast, DC schemes can have a cap on the total expense ratio (TER), as in the UK.⁵² Some market observers believe that DC trustees' traditional prioritization of the TER restricts DC plans' ability to invest more widely, potentially hampering returns.⁵³

Alternative fund managers need to be flexible and demonstrate an understanding of the needs of investors. Many are now working with DC plan trustees to help them consider the return opportunities that may result from broadening their focus to consider long-term returns (net of fees) or are focused on education efforts relating to the characteristics and benefits of private markets. While trustees must keep costs within strict guidelines – in the UK, for example, there is a cap of 75 basis points – this target must be achieved on an aggregate basis, rather than at a fund level. Consequently, DC plans have considerable leeway to invest in higher returning assets with potentially higher costs. Even further, larger open-ended alternative asset funds are likely to be less costly than traditional closed-ended limited partnership style private market funds.

Nevertheless, it will be necessary for some DC schemes to evolve their culture in response to the new world of alternative assets, not just in relation to fees but also with regard to liquidity. Some DC plans' Benefits Committees should consider deepening their expertise and capacity to evaluate and monitor alternative investments in the DC plan. One solution could be to engage an independent third-party consultant, oversight or outsourcing solutions, according to the DCIIA. A consultant could advise plan fiduciaries and make recommendations with decision-making control remaining with plan fiduciaries. Alternatively, a consultant could assume fiduciary responsibility and full discretionary control over evaluation, selection, and monitoring of alternatives.⁵⁴

"

It will be necessary for some DC schemes to evolve their culture in response to the new world of alternative assets, not just in relation to fees but also with regard to liquidity.

WORKING WITH THE RIGHT PARTNER

The retailization of alternatives is already underway and accelerating. Greater democratization of private equity, debt and other private markets offers compelling opportunities for retail investors and DC plans. Change will take time and requires managers, investors and service providers to listen to other parties and find ways to accommodate their requirements and overcome barriers.

The alternative asset ecosystem needs to work for all parties if it is to continue to grow and deliver benefits to a wider universe of investors. BNY Mellon, as a full-service organization, is committed to supporting this ecosystem, deploying its capabilities to help its clients globally.

For more information and to discuss how the issues raised in this paper impact you, please contact your BNY Mellon representative.

¹ https://www.blueskycapitalmanagement.com/portfolio-diversification-how-to-potentially-gain-better-returns-per-unit-of-risk/

² https://online.hbs.edu/blog/post/what-are-alternative-investments

⁴ https://caia.org/sites/default/files/evolution.pdf

⁵ https://www.businesswire.com/news/home/20220621005230/en/Retail-Access-to-Alternative-Investments-Top-of-Mind-for-Financial-Advisors-CAIS-Survey-Finds

⁵ Ibid.

³ Performance comparison of private equity is based on the average of S&P 500, Morningstar Global and MSCI Small Cap Growth Indexes. Private debt comparison is based on Morningstar Global High Yield. https://files.pitchbook.com/website/files/pdf/PitchBook_Benchmarks_as_of_Q1_2023_with_preliminary_Q2_2023_data_Global.pdf, page 8

⁷ https://assets.ey.com/content/dam/ey-sites/ey-com/en_gl/topics/wealth-and-asset-management/ey-2021-global-wealth-research-reportoptimized-for-web-v2.pdf

⁸ https://web-assets.bcg.com/01/cf/60d21c2340269d8ba580e12e7415/unlocking-the-art-of-private-equity-in-wealth-management.pdf

⁹ https://www.cerulli.com/press-releases/aum-within-institutional-and-retail-channels-nears-equilibrium

¹⁰ Ibid.

- ¹¹ https://www.traverssmith.com/knowledge/knowledge-container/travers-smiths-alternative-insights-retailisation-the-evolving-european-regulatory-environment/
- ¹² Sourced from the Mergermarket and BNY Mellon 2023 Asset Management Survey
- ¹³ https://www.investopedia.com/articles/retirement/06/demiseofdbplan.asp
- ¹⁴ Information provided by Ares Management Corporation
- ¹⁵ https://www.bloomberg.com/news/articles/2021-10-26/blackstone-plans-hiring-spree-to-target-world-s-rich-investors
- ¹⁶ https://www.privateequityinternational.com/blackstones-wealth-unit-doubles-headcount-in-europe/
- ¹⁷ https://www.bloomberg.com/news/articles/2022-02-23/blackstone-plans-to-double-headcount-targeting-rich-asians
- ¹⁸ https://www.kkr.com/insights/regime-change-role-private-equity-traditional-portfolio
- ¹⁹ Information provided by Partners Group
- ²⁰ The road Less Traveled, Private Equity International, February 2023
- ²¹ https://www.privateequityinternational.com/private-wealth-product-could-become-apollos-largest-fund-marc-rowan/
- ²² https://pitchbook.com/news/reports/q2-2023-global-private-market-fundraising-report

23 Ibid

- ²⁴ https://thediwire.com/annual-non-traded-alts-fundraising-reaches-58-billion-led-by-bdcs-and-interval-funds/
- ²⁵ https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/214406/WP109.pdf
- ²⁶ https://www.shrm.org/resourcesandtools/hr-topics/benefits/pages/employers-use-benefits-and-perks-to-counter-great-resignation.aspx
- ²⁷ https://smartasset.com/investing/delaware-statutory-trusts-dsts
- ²⁸ https://www.bisnow.com/national/news/capital-markets/nontraded-reits-take-beating-over-the-last-year-but-carry-on-121402updated
- ²⁹ https://www.investmentnews.com/alternatives/cover-story/is-the-new-generation-of-nontraded-reits-really-any-better-than-thelast-232888
- ³⁰ https://cri.georgetown.edu/allow-401k-plans-to-invest-in-alternative-assets/
- ³¹ https://www.partnersgroup.com/en/news-views/press-releases/corporate-news/detail/partners-group-welcomes-guidance-from-usdepartment-of-labor-on-inclusion-of-private-equity-in-defined-contribution-pension-plans/
- ³² https://www.prnewswire.com/news-releases/partners-group-welcomes-guidance-from-us-department-of-labor-on-inclusion-of-privateequity-in-defined-contribution-pension-plans-301070134.html
- ³³ https://cdn.ymaws.com/dciia.org/resource/resmgr/resource_library/DCIIA_InfoLetterPE_072920.pdf
- ³⁴ https://www.dol.gov/agencies/ebsa/about-ebsa/our-activities/resource-center/information-letters/06-03-2020-supplemental-statement
- ³⁵ https://www.alfi.lu/en-gb/pages/setting-up-in-luxembourg/alternative-investment-funds-legal-vehicles/uci-part-ii-funds
- ³⁶ https://news.bloomberglaw.com/mergers-and-acquisitions/kkr-set-to-debut-retail-private-equity-fund-for-asia-europe
- ³⁷ https://ir.apollo.com/news-events/press-releases/detail/444/apollo-launches-new-product-platform-for-global-wealth
- ³⁸ https://www.prnewswire.com/news-releases/eqt-launches-eqt-nexus-enabling-individuals-access-to-the-world-of-eqt-301824315.html
- ³⁹ https://edesk.apps.cssf.lu/search-entities/entite/details/7075815?lng=en&q=&st=advanced&entNames=cvc&entType=OPC

⁴⁰ https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:52021PC0722

- ⁴¹ https://www.mhc.ie/latest/insights/what-is-the-future-for-the-eltif
- 42 https://eur-lex.europa.eu/eli/reg/2023/606/oj
- ⁴³ https://www.thisismoney.co.uk/money/divinvesting/article-11960371/INVESTING-EXPLAINED-LTAF-Long-Term-Asset-Fund.html
- ⁴⁴ https://www.fca.org.uk/publications/consultation-papers/cp22-14-broadening-retail-access-long-term-asset-fund
- ⁴⁵ https://farmtogether.com/learn/blog/understanding-liquidity-and-liquid-assets
- ⁴⁶ https://www.bcred.com/#footnotes
- ⁴⁷ https://americanprivatewealth.com/wp-content/uploads/2016/07/Alternative-Investments-BDC-REIT.pdf
- ⁴⁸ https://www.marketwatch.com/story/kkr-starwood-limit-withdrawal-requests-from-real-estate-funds-as-investors-try-to-cashin-11674165518
- ⁴⁹ https://www.simmons-simmons.com/en/publications/ckascexzs9g6i0a79rd0w87n5/european-long-term-investment-funds-summary-ofnew-eltif-regulation
- ⁵⁰ https://www.europarl.europa.eu/RegData/etudes/BRIE/2022/729320/EPRS_BRI(2022)729320_EN.pdf
- ⁵¹ https://pws.blackstone.com/wp-content/uploads/sites/5/2020/09/the_life_cycle_of_private_equity_insights.pdf
- ⁵² https://www.simmons-simmons.com/en/publications/ckwopz0ut1lsk0b05qujhnwzk/reforming-the-dc-charge-cap-dwp-consults
- ⁵³ https://www.funds-europe.com/news/dc-fees-are-barrier-for-private-markets-notes-cfa-institute
- ⁵⁴ https://cdn.ymaws.com/dciia.org/resource/resmgr/resource_library/AlternativeInvestments_02072.pdf

bnymellon.com

BNY Mellon is the corporate brand of The Bank of New York Mellon Corporation and may be used to reference the corporation as a whole and/or its various subsidiaries generally. This material and any products and services may be issued or provided under various brand names of BNY Mellon in various countries by duly authorized and regulated subsidiaries, affiliates, and joint ventures of BNY Mellon, which may include any of those listed below:

The Bank of New York Mellon, a banking corporation organized pursuant to the laws of the State of New York, whose registered office is at 240 Greenwich St, NY, NY 10286, USA. The Bank of New York Mellon is supervised and regulated by the New York State Department of Financial Services and the US Federal Reserve and is authorized by the Prudential Regulation Authority (PRA) (Firm Reference Number: 122467).

In the U.K., a number of services associated with BNY Mellon Wealth Management's Family Office Services – International are provided through The Bank of New York Mellon, London Branch. The Bank of New York Mellon also operates in the UK through its London branch (UK companies house numbers FC005522 and BR000818) at BNY Mellon Centre, 160 Queen Victoria Street, London EC4V 4LA, UK and is subject to regulation by the Financial Conduct Authority (FCA) at 12 Endeavour Square, London, E20 1JN, UK and limited regulation by the PRA at The Bank of England, Threadneedle St, London, EC2R 8AH, UK. Details about the extent of our regulation by the PRA are available from us on request.

Investment management services are offered through BNY Mellon Investment Management EMEA Limited, BNY Mellon Centre, 160 Queen Victoria Street, London EC4V 4LA, which is registered in England No. 1118580 and is authorised and regulated by the Financial Conduct Authority. Offshore trust and administration services are through BNY Mellon Trust Company (Cayman) Ltd.

BNY Mellon Fund Services (Ireland) Designated Activity Company is registered with Company No 218007, having its registered office at One Dockland Central, Guild Street, IFSC, Dublin 1, Ireland. It is regulated by the Central Bank of Ireland.

The Bank of New York Mellon SA/NV, a Belgian public limited liability company, with company number 0806.743.159, whose registered office is at Boulevard Anspachlaan 1, B-1000 Brussels, Belgium, authorised and regulated as a significant credit institution by the European Central Bank (ECB), under the prudential supervision of the National Bank of Belgium (NBB) and under the supervision of the Belgian Financial Services and Markets Authority (FSMA) for conduct of business rules, a subsidiary of The Bank of New York Mellon.

The Bank of New York Mellon SA/NV operates in Ireland through its Dublin branch at Riverside II, Sir John Rogerson's Quay Grand Canal Dock, Dublin 2, D02KV60, Ireland and is registered with the Companies Registration Office in Ireland No. 907126 & with VAT No. IE 9578054E. The Bank of New York Mellon SA/NV, Dublin Branch is subject to additional regulation by the Central Bank of Ireland for conduct of business rules.

The Bank of New York Mellon SA/NV operates in Germany as The Bank of New York Mellon SA/NV, Asset Servicing, Niederlassung Frankfurt am Main, and has its registered office at MesseTurm, Friedrich-Ebert-Anlage 49, 60327 Frankfurt am Main, Germany. It is subject to limited additional regulation by the Federal Financial Supervisory Authority (Bundesanstalt für Finanzdienstleistungsaufsicht, Marie-Curie-Str. 24-28, 60439 Frankfurt, Germany) under registration number 122721.

The Bank of New York Mellon SA/NV operates in the Netherlands through its Amsterdam branch at Tribes SOM2 Building, Claude Debussylaan 7, 1082 MC Amsterdam, the Netherlands. The Bank of New York Mellon SA/NV, Amsterdam Branch is subject to limited additional supervision by the Dutch Central Bank ("De Nederlandsche Bank" or "DNB") on integrity issues only (registration number 34363596). DNB holds office at Westeinde 1, 1017 ZN Amsterdam, the Netherlands.

The Bank of New York Mellon SA/NV operates in Luxembourg through its Luxembourg branch at 2-4 rue Eugene Ruppert, Vertigo Building – Polaris, L- 2453, Luxembourg. The Bank of New York Mellon SA/NV, Luxembourg Branch is subject to limited additional regulation by the Commission de Surveillance du Secteur Financier at 283, route d'Arlon, L-1150 Luxembourg for conduct of business rules, and in its role as UCITS/AIF depositary and central administration agent.

The Bank of New York Mellon SA/NV operates in France through its Paris branch at 7 Rue Scribe, Paris, Paris 75009, France. The Bank of New York Mellon SA/NV, Paris Branch is subject to limited additional regulation by Secrétariat Général de l'Autorité de Contrôle Prudentiel at Première Direction du Contrôle de Banques (DCB 1), Service 2, 61, Rue Taitbout, 75436 Paris Cedex 09, France (registration number (SIREN) Nr. 538 228 420 RCS Paris - CIB 13733).

The Bank of New York Mellon SA/NV operates in Italy through its Milan branch at Via Mike Bongiorno no. 13, Diamantino building, 5th floor, Milan, 20124, Italy. The Bank of New York Mellon SA/NV, Milan Branch is subject to limited additional regulation by Banca d'Italia - Sede di Milano at Divisione Supervisione Banche, Via Cordusio no. 5, 20123 Milano, Italy (registration number 03351).

The Bank of New York Mellon SA/NV operates in Denmark as The Bank of New York Mellon SA/NV, Copenhagen Branch, filial af The Bank of New York Mellon SA/NV, Belgien, and has its registered office at Tuborg Boulevard 12, 3. DK-2900 Hellerup, Denmark. It is subject to limited additional regulation by the Danish Financial Supervisory Authority (Finanstilsynet, Århusgade 110, 2100 København Ø).

The Bank of New York Mellon SA/NV operates in Spain through its Madrid branch with registered office at Calle José Abascal 45, Planta 4^a, 28003, Madrid, and enrolled on the Reg. Mercantil de Madrid, Tomo 41019, folio 185 (M-727448). The Bank of New York Mellon, Sucursal en España is registered with Banco de España (registration number 1573).

The Bank of New York Mellon SA/NV operates in England through its London branch at 160 Queen Victoria Street, London EC4V 4LA, UK, registered in England and Wales with numbers FC029379 and BR014361. The Bank of New York Mellon SA/NV, London branch is authorized by the ECB (address above) and is deemed authorised by the Prudential Regulation Authority. Subject to regulation by the Financial Conduct Authority and limited regulation by the Prudential Regulation Authority. Details of the Temporary Permissions Regime, which allows EEA-based firms to operate in the UK for a limited period while seeking full authorisation, are available on the Financial Conduct Authority's website.

The Bank of New York Mellon (International) Limited is registered in England & Wales with Company No. 03236121 with its Registered Office at BNY Mellon Centre, 160 Queen Victoria Street, London EC4V 4LA. The Bank of New York Mellon (International) Limited is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority.

Regulatory information in relation to the above BNY Mellon entities operating out of Europe can be accessed at the following website: https://www.bnymellon.com/RID.

For clients located in Switzerland: The information provided herein does not constitute an offer of financial instrument or an offer to provide financial service in Switzerland pursuant to or within the meaning of the Swiss Financial Services Act ("FinSA") and its implementing ordinance. This is solely an advertisement pursuant to or within the meaning of FinSA and its implementing ordinance. Please be informed that The Bank of New York Mellon and The Bank of New York Mellon SA/NV are entering into the OTC derivative transactions as a counterparty, i.e. acting for its own account or for the account of one of its affiliates. As a result, where you enter into any OTC derivative transactions with us, you will not be considered a "client" (within the meaning of the FinSA) and you will not benefit from the protections otherwise afforded to clients under FinSA.



The Bank of New York Mellon, Singapore Branch, is subject to regulation by the Monetary Authority of Singapore. For recipients of this information located in Singapore: This material has not been reviewed by the Monetary Authority of Singapore.

The Bank of New York Mellon, Hong Kong Branch (a branch of a banking corporation organized and existing under the laws of the State of New York with limited liability), is subject to regulation by the Hong Kong Monetary Authority and the Securities & Futures Commission of Hong Kong.

The Bank of New York Mellon, Seoul Branch, is a licensed foreign bank branch in Korea and regulated by the Financial Services Commission and the Financial Supervisory Service. The Bank of New York Mellon, Seoul Branch, is subject to local regulation (e.g. the Banking Act, the Financial Investment Services and Capital Market Act, and the Foreign Exchange Transactions Act etc.).

The Bank of New York Mellon is regulated by the Australian Prudential Regulation Authority and also hold an Australian Financial Services Licence No. 527917 issued by the Australian Securities and Investments Commission to provide financial services to wholesale clients in Australia.

The Bank of New York Mellon has various other branches in the Asia-Pacific Region which are subject to regulation by the relevant local regulator in that jurisdiction.

The Bank of New York Mellon Securities Company Japan Ltd, as intermediary for The Bank of New York Mellon.

The Bank of New York Mellon, DIFC Branch, regulated by the Dubai Financial Services Authority (DFSA) and located at DIFC, The Exchange Building 5 North, Level 6, Room 601, P.O. Box 506723, Dubai, UAE, on behalf of The Bank of New York Mellon, which is a wholly-owned subsidiary of The Bank of New York Mellon Corporation.

Pershing is the umbrella name for Pershing LLC (member FINRA, SIPC and NYSE), Pershing Advisor Solutions (member FINRA and SIPC), Pershing Limited (UK), Pershing Securities Limited (UK), Pershing Securities International Limited (Ireland), Pershing (Channel Islands) Limited, Pershing Securities Canada Limited, Pershing Securities Singapore Private Limited, and Pershing India Operational Services Pvt Ltd. Pershing businesses also include Pershing X, Inc. a technology provider, and Lockwood Advisors, Inc., an investment adviser registered in the United States under the Investment Advisers Act of 1940. Pershing LLC is a member of SIPC, which protects securities customers of its members up to \$500,000 (including \$250,000 for claims for cash). Explanatory brochure available upon request or at sipc.org. SIPC does not protect against loss due to market fluctuation. SIPC protection is not the same as, and should not be confused with, FDIC insurance.

Past performance is not a guide to future performance of any instrument, transaction or financial structure and a loss of original capital may occur. Calls and communications with BNY Mellon may be recorded, for regulatory and other reasons.

Disclosures in relation to certain other BNY Mellon group entities can be accessed at the following website: http://disclaimer.bnymellon.com/eu.htm.

This material is intended for wholesale/professional clients (or the equivalent only), is not intended for use by retail clients and no other person should act upon it. Persons who do not have professional experience in matters relating to investments should not rely on this material. BNY Mellon will only provide the relevant investment services to investment professionals.

Not all products and services are offered in all countries.

If distributed in the UK, this material is a financial promotion. If distributed in the EU, this material is a marketing communication.

This material, which may be considered advertising, (but shall not be considered advertising under the laws and regulations of Brunei, Malaysia or Singapore), is for general information purposes only and is not intended to provide legal, tax, accounting, investment, financial or other professional counsel or advice on any matter. This material does not constitute a recommendation or advice by BNY Mellon of any kind. Use of our products and services is subject to various regulations and regulatory oversight. You should discuss this material with appropriate advisors in the context of your circumstances before acting in any manner on this material or agreeing to use any of the referenced products or services and make your own independent assessment (based on such advice) as to whether the referenced products or services are appropriate for you. This material may not be comprehensive or up to date and there is no undertaking as to the accuracy, timeliness, completeness or fitness for a particular purpose of information given. BNY Mellon will not be responsible for updating any information contained within this material and opinions and information contained herein are subject to change without notice. BNY Mellon assumes no direct or consequential liability for any errors in or reliance upon this material.

This material may not be distributed or used for the purpose of providing any referenced products or services or making any offers or solicitations in any jurisdiction or in any circumstances in which such products, services, offers or solicitations are unlawful or not authorized, or where there would be, by virtue of such distribution, new or additional registration requirements.

BNY Mellon Wealth Management conducts business through various operating subsidiaries of The Bank of New York Mellon Corporation.

Any references to dollars are to US dollars unless specified otherwise.

This material may not be reproduced or disseminated in any form without the prior written permission of BNY Mellon. Trademarks, logos and other intellectual property marks belong to their respective owners.

The Bank of New York Mellon, member of the Federal Deposit Insurance Corporation (FDIC).

Trademarks and logos belong to their respective owners.

bnymellon.com Please click here for additional information regarding disclaimers and disclosures.

© 2024 The Bank of New York Mellon. All rights reserved.

WRQ-4663 Alternatives Paper_0224