

Asia Pacific Real Estate Strategic Outlook

Mid-Year 2023

IN A NUTSHELL

- The repricing of commercial real estate will likely continue this year, with cap rates also expected to peak, while future rental growth should help drive the recovery in capital values.
- Our Houseview overweight calls include Residential Built-to-Rent in Australia underpinned by urgent housing needs, and prime logistics in Australia, regional Japan and South Korea where vacancy remains very tight.
- Debt strategies in South Korea with opportunities for alternative capital to ease credit market constraints and regional value-add opportunities also offer increasingly attractive risk-adjusted returns.

1 / Economic Update

Economic Conditions

In the first half of 2023, Asia Pacific continues to face headwinds of elevated albeit slowing inflationary pressures and weakening global demand. Since early 2023, China's economic reopening has yielded a slower-than-expected growth recovery, with recent data showing declines in manufacturing activity and import demand, in turn a major drag on Asian exports. As such, regional economic growth in the second half of 2023 is likely to remain subdued, potentially until 2024 when lower inflationary pressures underpin growth recovery and more supportive monetary policies.¹

Financial Conditions

Monetary policies continue to diverge across the region – Japan retained its negative interest rate target of -0.1% while China lowered its key loan policy rate in June 2023. South Korea paused its rate hikes since January while Australia raised rates by a full percentage point in total in the first half of 2023. While the uncertainties of central bank policies continue to weigh on investors, positive news of easing inflation readings across the region in recent months should provide some relief that the rate hike cycle could be nearing its peak sooner than later.

Not surprisingly, real estate financing costs remain elevated, with senior loan rates in Australia and South Korea remaining at 5% to 6% levels. Based on anecdotal evidence, we have seen tighter financial conditions particularly for lower quality assets and development projects, while loan financing for high quality assets remain largely available for borrowers with good credit. The lack of development financing presents investment opportunities which we will elaborate further in subsequent sections.

¹ Forecasts are not a reliable indicator of future performance. Forecasts are based on assumptions, estimates, opinions, and hypothetical models that may prove to be incorrect.

The brand DWS represents DWS Group GmbH & Co. KGaA and any of its subsidiaries, such as DWS Distributors, Inc., which offers investment products, or DWS Investment Management Americas, Inc. and RREEF America L.L.C., which offer advisory services. There may be references in this document which do not yet reflect the DWS Brand.

Please note certain information in this presentation constitutes forward-looking statements. Due to various risks, uncertainties and assumptions made in our analysis, actual events or results or the actual performance of the markets covered by this presentation report may differ materially from those described. The information herein reflects our current views only, is subject to change, and is not intended to be promissory or relied upon by the reader. There can be no certainty that events will turn out as we have opined herein.

Marketing Material. In EMEA for Professional Clients (MiFID Directive 2014/65/EU Annex II) only; no distribution to private/retail customers. In Switzerland for Qualified Investors (art. 10 Para. 3 of the Swiss Federal Collective Investment Schemes Act (CISA)). In APAC & LATAM for institutional investors only. In Australia and New Zealand for Wholesale Investors only. In the Americas for Institutional Client and Registered Rep use only, not for public viewing or distribution. In Israel for Qualified Clients (Israeli Regulation of Investment Advice, Investment Marketing and Portfolio Management Law 5755-1995). For investors in Bermuda: This is not an offering of securities or interests in any product. Such securities may be offered or sold in Bermuda only in compliance with the provisions of the Investment Business Act of 2003 of Bermuda which regulates the sale of securities in Bermuda.

2 / Real Estate Outlook

Office

While the future of office and the level of impact flexible working patterns exert on long term office demand remains up for debate, the positive news for landlords in Asia Pacific is that the region remains relatively shielded compared to North America and Western Europe. Based on latest evidence², office re-entry rates in China and Seoul are already at pre-pandemic levels, with Singapore (85%) and Tokyo (80%) not far behind, followed by Australia (60%-80%). This compares favourably with major cities in the U.S. (45%-65%) and Europe (65%-85%) where employers face stronger resistance in getting workers back in the office.

To be clear, not everything looks rosy for APAC offices. Office leasing activity in the region seems to have slowed in the first half of 2023, due to a combination of macroeconomic uncertainty, near term supply waves and rising vacancies. Across major cities in China and Japan, landlords face strong rental competition from existing vacancies and significant incoming new supply, while macroeconomic headwinds have cut short the office rental recovery in Singapore. Office vacancy in Australia remains elevated in the low teens though incentives should have likely peaked, while Seoul is the notable exception where rental growth remains underpinned by strong leasing volumes and record low vacancies.

Nonetheless, we believe that long-term occupier demand in Asia Pacific remains underpinned by a stronger inclination towards office-based working compared to the U.S. and Europe, particularly in North Asia. In the meantime, tenants are increasingly focusing on cost rationalization and recalibrating their office space requirements, while larger occupiers prefer high-quality developments with green credentials, highly efficient floor layouts and upgraded building facilities, to attract younger generation workers in a post-COVID environment. While such flight-to-quality trends may not be uniform across the region (less so as in China and Japan with strong pressures from new builds), other APAC cities have witnessed the bifurcation in rental growth, with weaker rental demand for older commodity buildings with lower ESG standards.

Industrial

Over the past 12 to 18 months, prime logistics assets benefited from strong rental trends – up to double-digit growth in some locations, as resilient occupier demand from e-commerce firms, third-party logistics providers (3PLs) and omnichannel retailers supported take-up and occupancy levels, particularly in locations with good transport accessibility and low availability of prime assets.

Not to be overly optimistic, there should be some level of moderation in logistics demand in the near-term as global supply chains gradually normalize post-COVID, while retailers may look to implement cost savings by switching away from the more costly 'just-in-case' stockpiling model. Still, vacancy rates generally remain low across the region, particularly in Australia and regional Japanese cities, which continues to favour landlords over tenants.

Over the long-term, the logistics sector remains underpinned by the structural undersupply of modern facilities in the region and long-term fundamentals of rising e-commerce spending and upgrading demand away from obsolete stock towards higher-quality warehousing with good transport connectivity. As such, we retain a constructive outlook on logistics with rental growth expectations at around 3% per annum and above across in our core location calls.

Retail

The recovery momentum in the APAC retail sector appears mixed despite the rebound in international tourism and retail sales across the region. Retailers in locations with limited new supply pressures, such as Seoul and Singapore have benefited from modest rental growth along with the recovery in leasing sentiment. However not all locations have benefited – in Australia, slowing growth in discretionary

² JLL, The Future of the Central Business District, May 2023

This information is subject to change at any time, based upon economic, market and other considerations and should not be construed as a recommendation. Past performance is not indicative of future returns. Forecasts are not a reliable indicator of future performance. Forecasts are based on assumptions, estimates, opinions, and hypothetical models that may prove to be incorrect. Investments come with risk. The value of an investment can fall as well as rise and your capital may be at risk. You might not get back the amount originally invested at any point in time. Source: DWS International GmbH.

spending have weighed on leasing with incentives remaining at record high levels, while retail rents in China remained on a downward trend as the recovery in domestic consumption remains uncertain.

We maintain our expectations for retail rents to stabilize in the second half of 2023, although longer-term rental growth trends should be modest at best and unspectacular due to structural challenges (e-commerce headwinds, shifting consumer expectations etc.). The ongoing retail bifurcation and evolving consumer preferences require experienced asset management strategies, raising the investment risks, particularly for discretionary retail assets. Investor sentiment towards the sector generally remains risk-averse and potential opportunities selectively alpha-driven rather than sector investing.

Residential

The multifamily sector in Asia Pacific remains a relatively small investable market, with Japan the only developed market which continues to attract the bulk of institutional capital inflows looking to benefit from the ongoing urbanization and household formation around major city centres. At the same time, rising record-high prices of for-sale condominiums continue to drive first-time home buyers towards house rentals, while larger units remain popular particularly for tenants on hybrid work arrangements seeking more space for home desks.

In Australia and New Zealand, while housing prices have corrected up to 10% from the recent peak, housing prices remain elevated at 20%-40% above pre-pandemic levels across major cities. High interest rates contributed to worsening housing affordability, driving unabated rental demand while rising construction costs have exacerbated the lack of new supply. In addition, fundamental growth drivers of increasing immigration numbers and relative rental affordability should help underpin rental growth over the coming years.

Hospitality

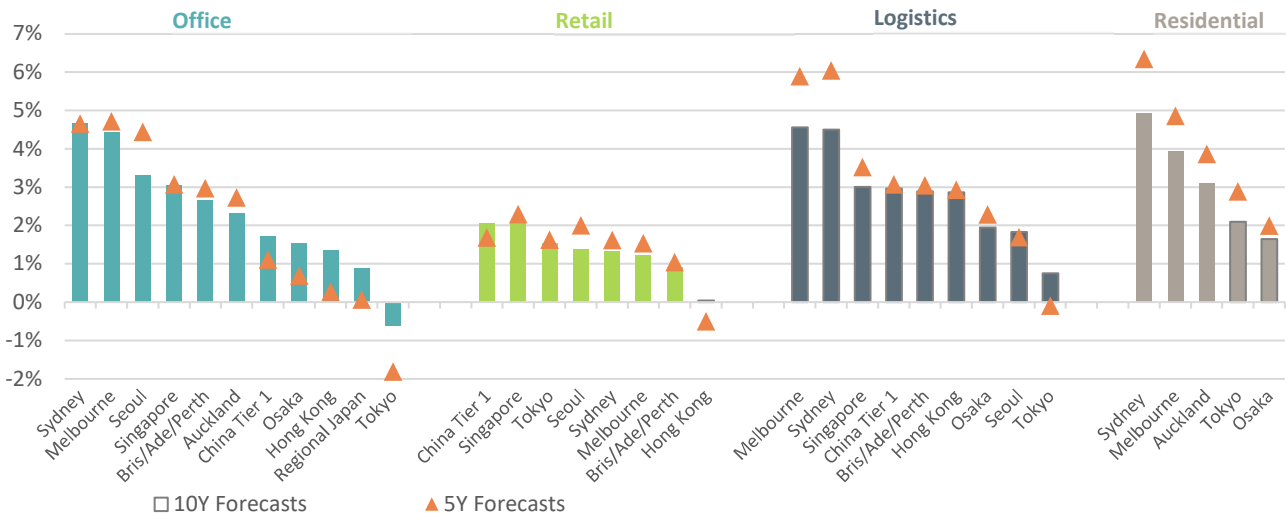
With limited Chinese tourist arrivals in the first four months of 2023, overseas tourist arrivals in Asia Pacific remain at c.60% of pre-COVID19 levels. According to the latest IATA forecasts, the number of air travel passengers in the region is expected to reach 80% of 2019 levels by the end of 2023, before surpassing in 2024, which should boost the hotel market recovery in the coming quarters. With Japan a major beneficiary of the tourism rebound, the upscale limited-service hotel in key Japanese regional markets could be highly sought after by investors given rising demand for upscale accommodation from travelers and higher profitability levels.

Rental Outlook

Our updated long-term rental growth forecasts are presented below. We believe that the residential markets (multi-family, built-to-rent) in certain locations such as Australia provide strong rental growth opportunities, particularly over the next few years. Key logistics hubs in Australia, Singapore and regional cities on North Asia are also expected to benefit from strong rents, along with select office markets in Asia Pacific.

Exhibit 1: Prime Rental Growth Forecasts (2023-2032F)

(% per annum)



Note: Rents shown are on net effective basis after incentives. There is no guarantee the forecasts shown will materialize.
Source: DWS. As of July 2023.

3 / Investment Trends

Capital Flows

Real estate investment activity in Asia Pacific continued to slow since the second half of 2022. According to MSCI data, transaction volume for income-producing assets in Asia Pacific fell by 40% year-on-year to US\$31 billion during the first quarter of 2023 (rolling 12-month: -28%), as investors continue to adopt a wait-and-see approach amid rising financing costs and limited fire-sale opportunities. In addition, deal activity has fallen to the lowest level in over a decade, particularly in South Korea and Australia.

Over the 12-month period to March 2023, investment activity remains concentrated in the core markets of China, Japan Australia, and South Korea. Interestingly, Singapore have maintained its lead over Hong Kong which historically has seen much higher transaction volumes. While domestic investors remain the dominant source of capital, the proportion of cross-border investors have climbed from the pandemic lows of 25% to just below 30%, driven by investors from Singapore and Hong Kong. Notably cross-regional investors from U.S and Europe have remained largely on the sidelines.

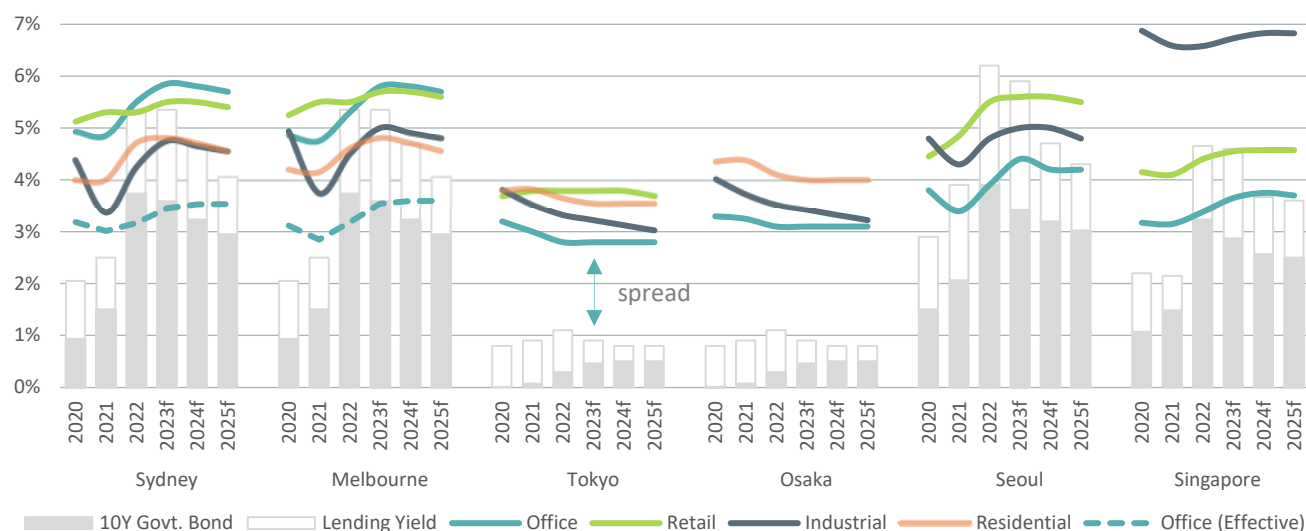
Pricing Trends

The high interest rate environment continues to weigh on investors' underwriting capabilities, with higher financing costs leading to negative carry for investors reliant on external financing.

Based on available market data and transactional evidence, we estimate that cap rates across Australia, South Korea and Singapore have moved up by 50 to 80 basis points over the past 18 months and could increase further by another 15 to 30 basis points before peaking in the second half of 2023. Based on current market expectations of interest rates remaining high at least for the foreseeable future before inflation fears subside, we anticipate that any reversal of the rising cap rate cycle might be delayed until mid to late 2024, with investment risk appetite picking up again as interest rate headwinds subside.

In Japan, cap rates are projected to remain stable in the base case scenario of interest rates remaining low, however there is a growing risk of a directional shift in the Bank of Japan's policies.

Exhibit 2: NOI Yields vs Bond Yields



f = forecast. Source: DWS, Colliers, Miki Shoji, Oxford Economics. As of July 2023.

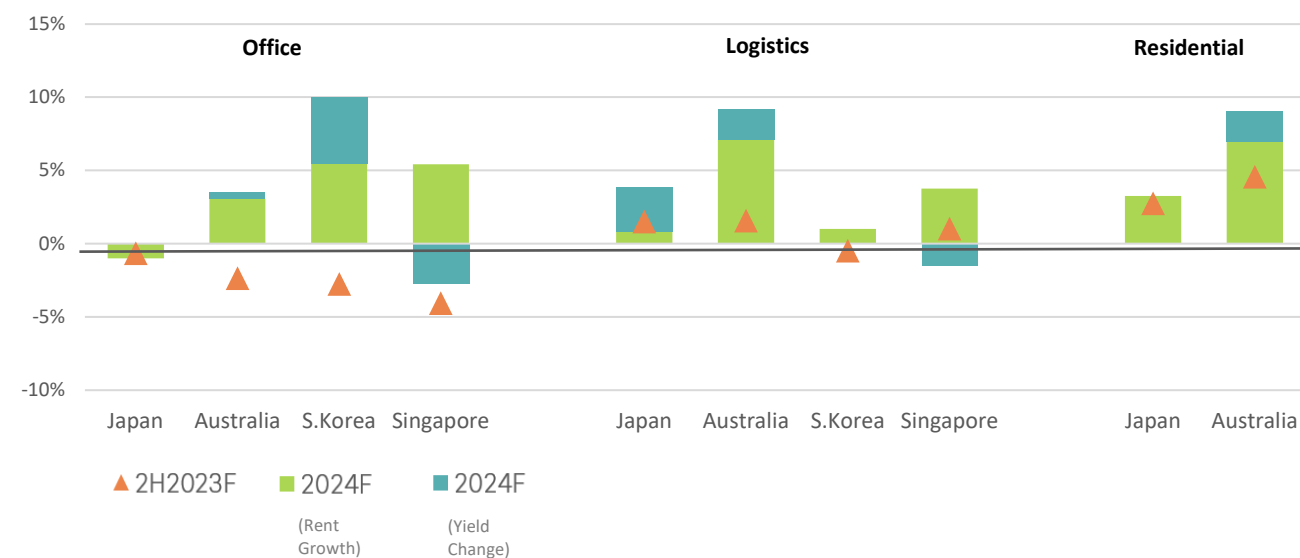
This information is subject to change at any time, based upon economic, market and other considerations and should not be construed as a recommendation. Past performance is not indicative of future returns. Forecasts are not a reliable indicator of future performance. Forecasts are based on assumptions, estimates, opinions, and hypothetical models that may prove to be incorrect. Investments come with risk. The value of an investment can fall as well as rise and your capital may be at risk. You might not get back the amount originally invested at any point in time. Source: DWS International GmbH.

The disparity between reported asset valuations and transacted pricing remains wide, though this has started to narrow, as demonstrated by recent portfolio appraisal devaluations undertaken by Australia REITs ranging from negative 4% to 8%. Nonetheless, drawing inference from recent buyer bidding patterns and market observations, we believe that actual transacted pricing for prime assets in Australia and South Korea may have already corrected by circa 10% (from end-2021 levels). We expect further correction in office pricing for the remainder of 2023, bringing the cumulative depreciation to circa 10%-15%, with the decline led by assets in Australia and Seoul. Meanwhile, though Japan continued to benefit from capital inflows and cap rate compression, a price divergence trend could occur as Tokyo offices undergo a mild price correction due to weakening rents, while asset prices in regional cities hold firm due to stronger demand-supply balances.

On the other hand, the industrial sector has shown more resilience in this cycle, driven by strong rental growth which helped offset rising yields. We are looking for logistics prices to stabilize during the second half of 2023, with potential for pricing upside next year onwards. The institutional residential sector is also likely to benefit from potential pricing upside due to strong demand drivers and continued rental growth, particularly for Australia where the urgency for more rental housing stock and favourable tax changes (see Section 5) is expected to drive the institutionalization of the BTR sector.

At the same time, given the rising focus by investors on quality assets with ESG trends in mind, we believe owners of non-prime, lower-quality assets with high capital expenditure requirements will increasingly look towards divestment and recycle capital into the prime space. This should continue to drive the divergence in pricing trends with weaker performance in lower quality assets against prime assets.

Exhibit 3: Estimated Prime Capital Value Change from Q4 2021



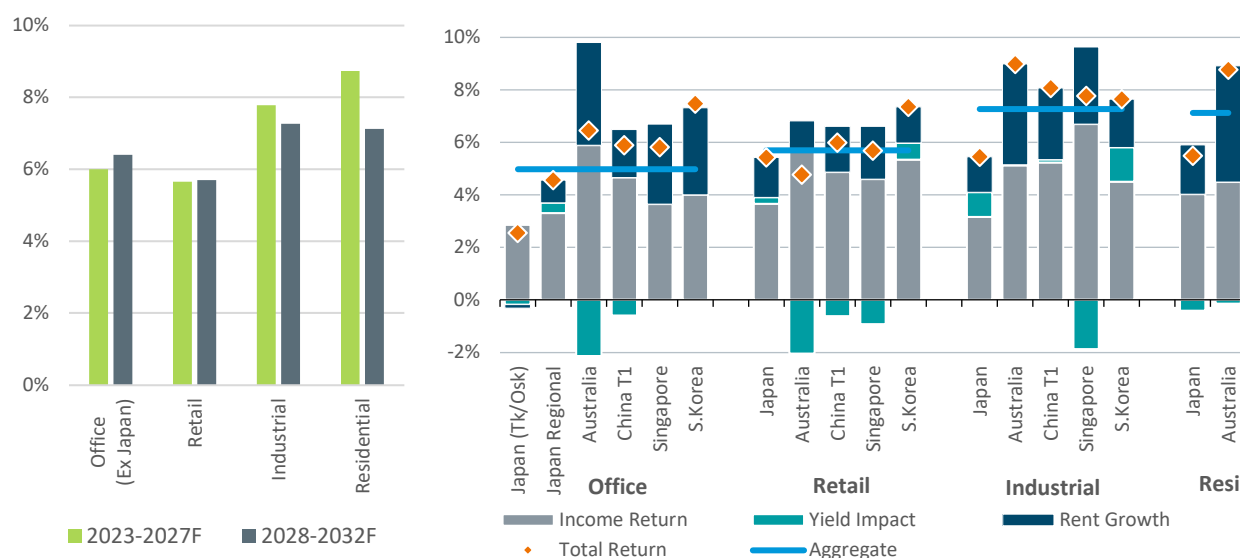
F = forecast. There is no guarantee the forecasts shown will materialize.
Source: DWS. As of July 2023.

4 / Returns Outlook

Combining our house view rental growth and yield forecasts over a ten-year time horizon from 2023, we believe that the residential sector (Australia BTR) will be among the top performers, with unlevered property-level total returns frontloaded in the next few years.

Prime logistics assets are also expected to outperform, delivering total returns of between 7.5% to 9% per annum. Regional cities in Japan and South Korea (not included in the forecasts below) and office assets in gateway cities outside Japan should also perform well in the long run with a recovery in asset values potentially over the next 12 months or so, though submarket differentiation and asset selection will be increasingly critical.

Exhibit 4: APAC Total Return Forecasts, 2023-2032F, p.a.



e = estimate, f = forecast. Projected returns are based on compounded basis. There is no guarantee the forecasts shown will materialize.
Source: DWS. As of July 2023.

5 / Investment Strategy

Overview

Combining our house view forecasts and strategic investment themes, we believe that investors should focus on the following key themes:

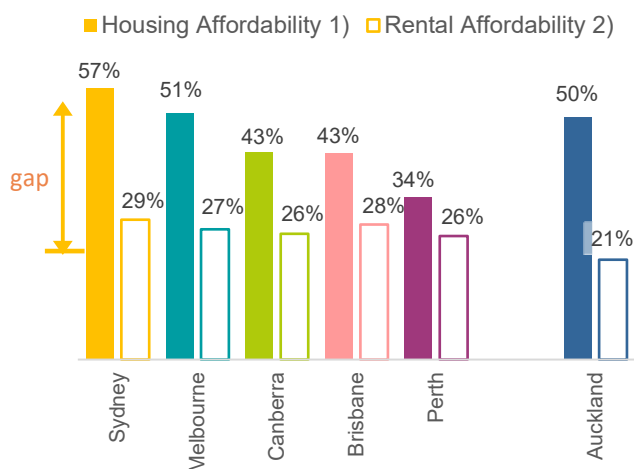
Multi-family / Built-To-Rent (BTR):

The majority of residential assets in Asia Pacific (excluding Japan) are owned by individual strata-titled landlords with the level of institutionalisation still nascent. Australia is a notable exception, where the Build-to-Rent (BTR) housing model has in recent years gained traction among institutional investors looking for first-mover opportunities. From a fundamental perspective, there are underlying demand drivers – 1) Forecast annual net overseas migration inflows of 300,000 to 400,000 people over the coming two financial years³ 2) Current housing shortage with limited new housing supply and 3) Affordability calculations (Exhibit 5) showing the economics of renting being more attractive than home ownership, as mortgage affordability remains stretched by both elevated prices and high interest rates. Another tailwind for the BTR sector is the revision in legislation introducing tax concessions for new residential BTR projects from July 2024 onwards, which is expected to further open up the sector for foreign investors.

While cap rates in the range of 4% to 4.5% may not appear overly attractive, we expect strong rental growth to underpin investment returns. The BTR stock in Australia currently represents about only 0.1% of total housing stock, highlighting the development potential of the sector, similar to trends taking place in the United States, Europe and Japan. The biggest challenge for investors is gaining access to institutional quality stock, most likely involving development risk. Nonetheless, careful market selection and partnering with experienced local partners should be able to mitigate most of this risk.

Japan: For-sale condominiums in Greater Tokyo continued to reach record high prices for two consecutive years, underpinned by wealthy retirees and working professional couples living in inner city areas. This has driven the strong rental growth of larger family units with multiple bedrooms which cater to working couples and professionals adopting work-from-home arrangements, while smaller units also have seen healthy rental growth (Exhibit 6). With for-sale condo prices expected to remain elevated in Tokyo, demand for rental houses should stay resilient.

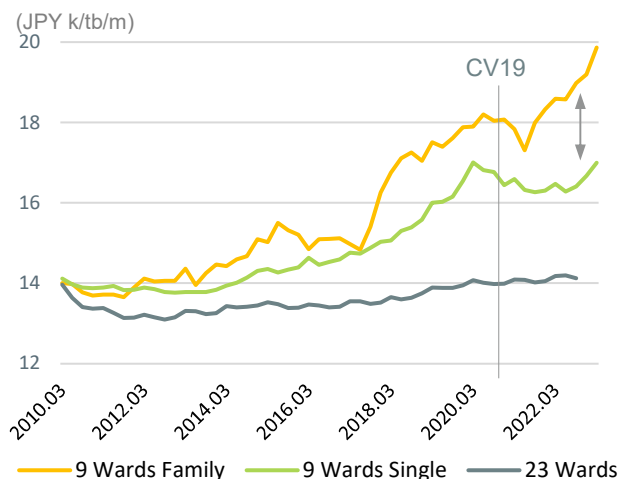
Exhibit 5: Housing / Rental Affordability in Australia/NZ



1) Based on % of gross household income required to service an 80% LVR mortgage for a term of 30 years.

2) Rental affordability = median weekly rent / gross household income. Source: DWS, SQM Research, Australia Bureau of Statistics, LMC, REINS. As of July 2023,

Exhibit 6: Residential Rents in Tokyo



³ Australia Treasury, May 2023

This information is subject to change at any time, based upon economic, market and other considerations and should not be construed as a recommendation. Past performance is not indicative of future returns. Forecasts are not a reliable indicator of future performance. Forecasts are based on assumptions, estimates, opinions, and hypothetical models that may prove to be incorrect. Investments come with risk. The value of an investment can fall as well as rise and your capital may be at risk. You might not get back the amount originally invested at any point in time. Source: DWS International GmbH.

Regional Logistics

The logistics sector remains on the radar of most investors, with unsurprising reasons – long-term e-commerce tailwinds driving leasing demand and structural undersupply of modern warehouses across many cities in the Asia Pacific region.

In Australia, notwithstanding concerns over the sharp capital value growth in mid-2022 as prime logistics yields compressed to sub 4% levels, yields have now rebounded to the mid 4% level against the backdrop of the higher borrowing cost. Though the near-term supply pipeline is higher, most space has been pre-committed while longer-term supply beyond 2 to 3 years remains hampered by land availability issues and/or construction approvals, which should support the current record low national vacancy rate of 0.5%. Similarly in Singapore, logistics benefited from strong rental growth in recent quarters, driven by healthy demand from technology, biomedical, manufacturing and e-commerce/3PL logistics. Prime vacancy remains extremely tight while the supply pipeline remains well below historical averages.

Circa 60% of South Korea's future logistics supply planned beyond 2023 had reportedly been postponed or cancelled because of rising construction costs and tightening financial conditions, which should accelerate the rental growth of existing or soon-to-be-completed assets. However, pockets of oversupply remain, particularly cold storage assets in Seoul. In Japan, tightening regulations limiting truck driver overtime hours are set to take effect in 2024, driving concerns over driver shortages and reduced deliveries which could spur demand for quality warehouses in regional locations where supply is more limited.

We believe prime logistics assets in key Australian cities (Sydney, Melbourne, Brisbane) and Singapore remain attractive underpinned by the strong rental growth outlook. At the same time, regional cities in South Korea (Busan, Daegu) and Japan (Nagoya, Fukuoka, Sapporo) present a compelling story for core investors. Apart from a mismatch from growing logistics demand and low levels of modern stock per capita, these logistics markets are undergoing rapid market modernization and institutionalization, providing first-mover investment opportunities, and adding future yield compression potential on top of the healthy leasing fundamentals and rental growth outlook.

Exhibit 7: Logistics Vacancy Rates

(As of 1Q 2023)

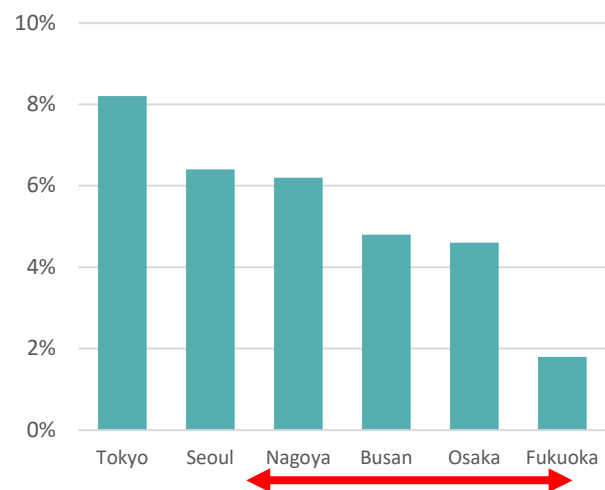
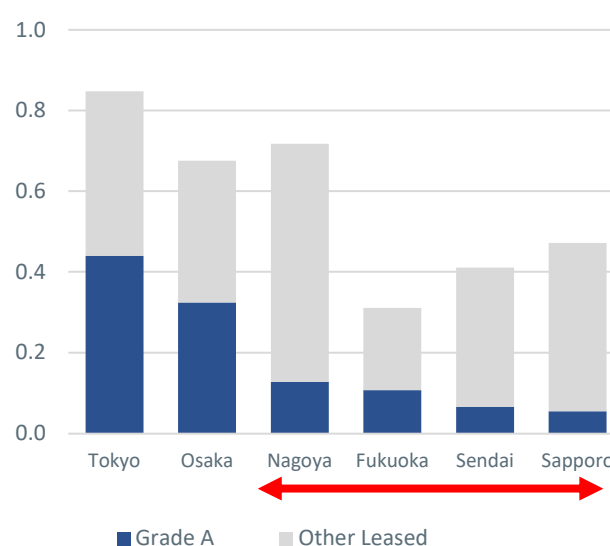


Exhibit 8: For-lease Logistics Stock per Capita in Japan

(sqm, as of 2022)



Source: DWS, CBRE, JLL, METI. As of July 2023.

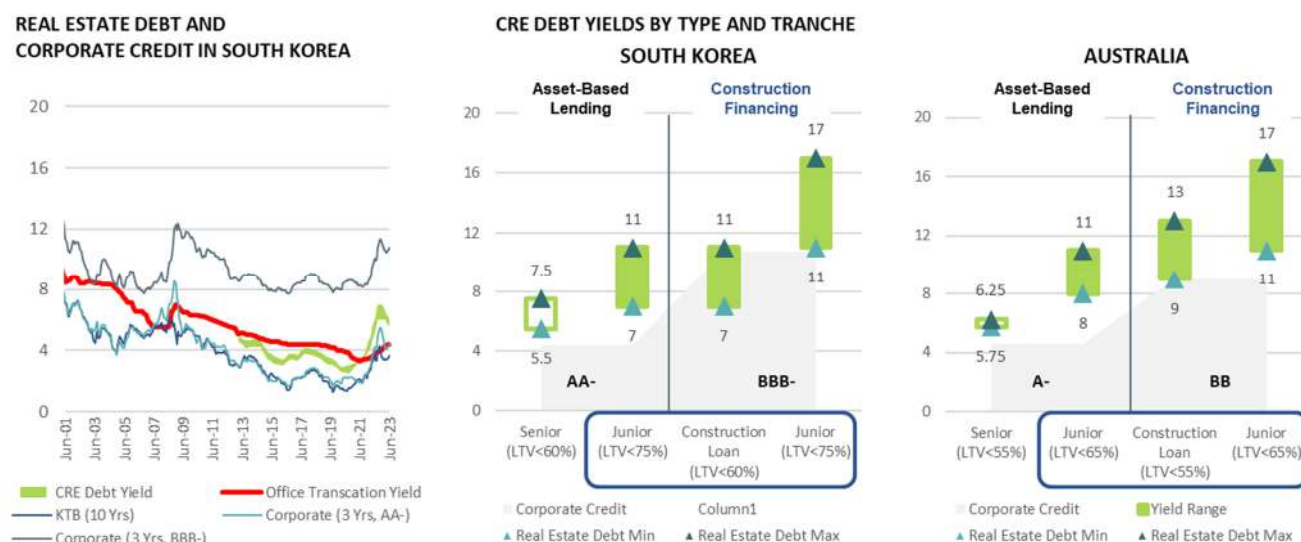
Debt Strategies

Compared to the U.S., APAC real estate debt markets remain dominated by traditional lenders such as banks and insurance companies. Since 2022 however, rapid interest rate hikes have pressured these lenders into tightening lending conditions and retreating from new loan approvals (particularly construction loans which lenders are increasingly cautious on). At the same time, equity investments have become less attractive to investors as higher financing costs created negative carry with spreads between income yields and senior loan borrowing rates rising to a record negative 200-300 basis points in Australia and South Korea.

On the other hand, asset-based lending yields have currently reached attractive levels, with junior debt yields for standing assets at 7%-11%, while construction financing debt yields have reached 7%-13% (senior tranche) and 11%-17% (junior) in South Korea and Australia.

With debt investments increasingly appealing to private investors seeking higher risk-adjusted returns, the current dearth of construction financing availability provides a window of opportunity over the next 6 to 12 months for investors to step in amid less competition. We see the most compelling opportunities in South Korea for junior debt lending (for standing assets) and construction financing (senior/junior debt) with an immediate need for new lenders to step in and ease constraints in the credit markets, while Australia looks interesting though debt opportunities may be more limited at present.

Exhibit 9: Real Estate Debt and Corporate Credit in South Korea, Australia



Source: DWS, Colliers, Oxford Economics, Reserve Bank of Australia, Bank of Korea, As of July 2023.

Value-Add Strategies

The evolving real estate landscape has witnessed structural shifts in stakeholders' requirements – tenants, landlords, financiers, particularly in a post-COVID environment where a multitude of factors such as flexible working arrangements, ESG features, and portfolio de-risking takes centre stage.

Investors could seek older but well-located office buildings with upgrading potential to bring the development up to date though asset enhancement initiatives. Having next-generation office features such technological features, biophilic design and collaborative spaces appeal strongly to the millennial worker while re-leasing with the accompanying rental uplift typically provides double digit returns on the capital outlay if executed well, outperforming a buy-and-hold core strategy. Similarly, redevelopment strategies can be considered,

This information is subject to change at any time, based upon economic, market and other considerations and should not be construed as a recommendation. Past performance is not indicative of future returns. Forecasts are not a reliable indicator of future performance. Forecasts are based on assumptions, estimates, opinions, and hypothetical models that may prove to be incorrect. Investments come with risk. The value of an investment can fall as well as rise and your capital may be at risk. You might not get back the amount originally invested at any point in time. Source: DWS International GmbH.

particularly on stranded offices with low economic value or underutilised plot ratio, which can offer higher development margins though this comes attached with higher risks.

Given the current market volatility (declines in asset valuations, lower funding availability), some real estate owners could either face loan refinancing challenges or collateral calls due to significant appraisal devaluations (particularly on secondary assets) leading to a breach of LTV or interest coverage covenants. This would require recapitalization or loan refinancing at a time when bank lending availability is limited. Based on CBRE estimates⁴, a funding gap of US\$5.8 billion could emerge between 2023-2025 across Asia Pacific, led by Australia, Japan and South Korea.

As such, investors could seek out structured deal opportunities in bridging the funding gap, which could involve additional capital injection through preferred equity, mezzanine lending or a combination of both. The investment quantum for these types of structured deals would be relatively small, with a short investment period. However, investors could achieve higher risk-adjusted returns compared to common equity or senior lending.

⁴ CBRE: Analysing the Funding Gap report, May 2023

This information is subject to change at any time, based upon economic, market and other considerations and should not be construed as a recommendation. Past performance is not indicative of future returns. Forecasts are not a reliable indicator of future performance. Forecasts are based on assumptions, estimates, opinions, and hypothetical models that may prove to be incorrect. Investments come with risk. The value of an investment can fall as well as rise and your capital may be at risk. You might not get back the amount originally invested at any point in time. Source: DWS International GmbH.

Real Estate Research Team

Office Locations

Chicago

222 South Riverside Plaza
34th Floor
Chicago
IL 60606-1901
United States
Tel: +1 312 537 7000

Frankfurt

Mainzer Landstrasse 11-17
60329 Frankfurt am Main
Germany
Tel: +49 69 71909 0

London

Winchester House
1 Great Winchester Street
London EC2N 2DB
United Kingdom
Tel: +44 20 754 58000

New York

875 Third Avenue
26th Floor
New York
NY 10022-6225
United States
Tel: +1 212 454 3414

San Francisco

101 California Street
24th Floor
San Francisco
CA 94111
United States
Tel: +1 415 781 3300

Singapore

One Raffles Quay
South Tower
20th Floor
Singapore 048583
Tel: +65 6538 7011

Tokyo

Sanno Park Tower
2-11-1 Nagata-cho
Chiyoda-Ku
18th Floor
Tokyo
Japan
Tel: +81 3 5156 6000

Teams

Global

Kevin White, CFA
Global Co-Head of Real Estate Research

Simon Wallace
Global Co-Head of Real Estate Research

Americas

Brooks Wells
Head of Research, Americas

Liliana Diaconu, CFA
Office Research

Ross Adams
Industrial Research

Sharim Sohail
Property Market Research

Europe

Ruben Bos, CFA
Head of Real Estate Investment Strategy, Europe

Tom Francis
Property Market Research

Siena Golan
Property Market Research

Rosie Hunt
Property Market Research

Carsten Lieser
Property Market Research

Martin Lippmann
Head of Real Estate Research, Europe

Asia Pacific

Koichiro Obu
Head of Real Estate Research, Asia Pacific

Seng-Hong Teng
Property Market Research

Hyunwoo Kim
Property Market Research

AUTHORS



Koichiro Obu
Head of Real Estate Research, Asia Pacific



Seng-Hong Teng
Property Market Research

Important information

For North America:

The brand DWS represents DWS Group GmbH & Co. KGaA and any of its subsidiaries, such as DWS Distributors, Inc., which offers investment products, or DWS Investment Management Americas, Inc. and RREEF America L.L.C., which offer advisory services.

This material was prepared without regard to the specific objectives, financial situation or needs of any particular person who may receive it. It is intended for informational purposes only. It does not constitute investment advice, a recommendation, an offer, solicitation, the basis for any contract to purchase or sell any security or other instrument, or for DWS or its affiliates to enter into or arrange any type of transaction as a consequence of any information contained herein. Neither DWS nor any of its affiliates gives any warranty as to the accuracy, reliability or completeness of information which is contained in this document. Except insofar as liability under any statute cannot be excluded, no member of the DWS, the Issuer or any office, employee or associate of them accepts any liability (whether arising in contract, in tort or negligence or otherwise) for any error or omission in this document or for any resulting loss or damage whether direct, indirect, consequential or otherwise suffered by the recipient of this document or any other person.

The views expressed in this document constitute DWS Group's judgment at the time of issue and are subject to change. This document is only for professional investors. This document was prepared without regard to the specific objectives, financial situation or needs of any particular person who may receive it. No further distribution is allowed without prior written consent of the Issuer.

Investments are subject to risk, including market fluctuations, regulatory change, possible delays in repayment and loss of income and principal invested. The value of investments can fall as well as rise and you might not get back the amount originally invested at any point in time.

An investment in real assets involves a high degree of risk, including possible loss of principal amount invested, and is suitable only for sophisticated investors who can bear such losses. The value of shares/units and their derived income may fall or rise.

War, terrorism, sanctions, economic uncertainty, trade disputes, public health crises and related geopolitical events have led, and, in the future, may lead to significant disruptions in US and world economies and markets, which may lead to increased market volatility and may have significant adverse effects on the fund and its investments.

For Investors in Canada. No securities commission or similar authority in Canada has reviewed or in any way passed upon this document or the merits of the securities described herein and any representation to the contrary is an offence. This document is intended for discussion purposes only and does not create any legally binding obligations on the part of DWS Group. Without limitation, this document does not constitute an offer, an invitation to offer or a recommendation to enter into any transaction. When making an investment decision, you should rely solely on the final documentation relating to the transaction you are considering, and not the document contained herein. DWS Group is not acting as your financial adviser or in any other fiduciary capacity with respect to any transaction presented to you. Any transaction(s) or products(s) mentioned herein may not be appropriate for all investors and before entering into any transaction you should take steps to ensure that you fully understand such transaction(s) and have made an independent assessment of the appropriateness of the transaction(s) in the light of your own objectives and circumstances, including the possible risks and benefits of entering into such transaction. You should also consider seeking advice from your own advisers in making this assessment. If you decide to enter into a transaction with DWS Group, you do so in reliance on your own judgment. The information contained in this document is based on material we believe to be reliable; however, we do not represent that it is accurate, current, complete, or error free. Assumptions, estimates, and opinions contained in this document constitute our judgment as of the date of the document and are subject to change without notice. Any projections are based on a number of assumptions as to market conditions and there can be no guarantee that any projected results will be achieved. Past performance is not a guarantee of future results. The distribution of this document and availability of these products and services in certain jurisdictions may be restricted by law. You may not distribute this document, in whole or in part, without our express written permission.

For EMEA, APAC & LATAM:

DWS is the brand name of DWS Group GmbH & Co. KGaA and its subsidiaries under which they do business. The DWS legal entities offering products or services are specified in the relevant documentation. DWS, through DWS Group GmbH & Co. KGaA, its affiliated companies and its officers and employees (collectively "DWS") are communicating this document in good faith and on the following basis.

This document is for information/discussion purposes only and does not constitute an offer, recommendation, or solicitation to conclude a transaction and should not be treated as investment advice.

This document is intended to be a marketing communication, not a financial analysis. Accordingly, it may not comply with legal obligations requiring the impartiality of financial analysis or prohibiting trading prior to the publication of a financial analysis.

This document contains forward looking statements. Forward looking statements include, but are not limited to assumptions, estimates, projections, opinions, models, and hypothetical performance analysis. No representation or warranty is made by DWS as to the reasonableness or completeness of such forward looking statements. Past performance is no guarantee of future results.

The information contained in this document is obtained from sources believed to be reliable. DWS does not guarantee the accuracy, completeness, or fairness of such information. All third-party data is copyrighted by and proprietary to the provider. DWS has no obligation to update, modify or amend this document or to otherwise notify the recipient in the event that any matter stated herein, or any opinion, projection, forecast, or estimate set forth herein, changes or subsequently becomes inaccurate.

Investments are subject to various risks. Detailed information on risks is contained in the relevant offering documents.

No liability for any error or omission is accepted by DWS. Opinions and estimates may be changed without notice and involve a number of assumptions which may not prove valid. DWS does not give taxation or legal advice.

This document may not be reproduced or circulated without DWS's written authority.

This document is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country, or other jurisdiction, including the United States, where such distribution, publication, availability, or use would be contrary to law or regulation or which would subject DWS to any registration or licensing requirement within such jurisdiction not currently met within such jurisdiction. Persons into whose possession this document may come are required to inform themselves of, and to observe, such restrictions.

© 2023 DWS International GmbH

Issued in the UK by DWS Investments UK Limited which is authorised and regulated by the Financial Conduct Authority (Reference number 429806).

© 2023 DWS Investments UK Limited

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

© 2023 DWS Investments Hong Kong Limited

In Singapore, this document is issued by DWS Investments Singapore Limited, and the content of this document has not been reviewed by the Monetary Authority of Singapore.

© 2023 DWS Investments Singapore Limited

In Australia, this document is issued by DWS Investments Australia Limited (ABN: 52 074 599 401) (AFSL 499640) and the content of this document has not been reviewed by the Australian Securities Investment Commission.

© 2023 DWS Investments Australia Limited

For investors in Bermuda: This is not an offering of securities or interests in any product. Such securities may be offered or sold in Bermuda only in compliance with the provisions of the Investment Business Act of 2003 of Bermuda which regulates the sale of securities in Bermuda. Additionally, non-Bermudian persons (including companies) may not carry on or engage in any trade or business in Bermuda unless such persons are permitted to do so under applicable Bermuda legislation.

For investors in Taiwan: This document is distributed to professional investors only and not others. Investing involves risk. The value of an investment and the income from it will fluctuate and investors may not get back the principal invested. Past performance is not indicative of future performance. This is a marketing communication. It is for informational purposes only. This document does not constitute investment advice or a recommendation to buy, sell or hold any security and shall not be deemed an offer to sell or a solicitation of an offer to buy any security. The views and opinions expressed herein, which are subject to change without notice, are those of the issuer or its affiliated companies at the time of publication. Certain data used are derived from various sources believed to be reliable, but the accuracy or completeness of the data is not guaranteed, and no liability is assumed for any direct or consequential losses arising from their use. The duplication, publication, extraction, or transmission of the contents, irrespective of the form, is not permitted.

© 2023 DWS Group GmbH & Co. KGaA. All rights reserved. (7/23) 080952_6

ドイツ・アセット・マネジメント株式会社

金融商品取引業者 関東財務局長(金商)第359号

(加入協会: 日本証券業協会、一般社団法人投資信託協会、一般社団法人日本投資顧問業協会、
一般社団法人第二種金融商品取引業協会)

当資料は情報提供を目的としたものであり、特定の投資商品の推奨や投資勧誘を目的としたものではありません。当資料は信頼できる情報をもとにDWSが作成し、日本国内ではドイツ・アセット・マネジメント株式会社がこれを配布しております。本書記載の内容については日本国内ではドイツ・アセット・マネジメント株式会社がお問い合わせの窓口となりますので、ご質問などございましたらドイツ・アセット・マネジメント株式会社の担当者までご連絡願います。本資料および本資料中の情報は事前の同意がない限り、その全部又は一部をコピーすることや配布することはできません。

当資料に記載のデータや見通し等は記載時点のものであり、将来の傾向、数値等を保証もしくは示唆するものではありません。また、経済・市況の分析等やこれらに基づく将来の見通し等は当社の運用方針、投資判断とは何ら関係がありません。当資料に記載されている個別の銘柄・企業名についてはあくまでも参考として記載したものであり、その銘柄または企業の株式等の売買を推奨するものではありません。

DWS Investments Japan Limited

Financial Instruments Business Operators

Director of the Kanto Local Finance Bureau (Kinsho) No. 359

(Member of Japan Securities Dealers Association, The Investment Trusts Association,
Japan Investment Advisers Association and Type II Financial Instruments Firms Association)

This document does not constitute an offer or solicitation of specific financial products or services. Certain fees or other costs may be incurred if the financial products, services or investment strategies described in this document are purchased or acquired. There is a risk of capital loss associated with the financial products, services and investment strategies described in this document, and the value of any investment in same may decrease due to market or economic trends, price fluctuations or otherwise. Please evaluate the financial products and services and read the Explanatory Documents, the Prospectus and other related documents carefully prior to purchasing or investing in such products and services.

免責事項

重要なお知らせ

著作権表示©2023 ドイチェ・アセット・マネジメント株式会社

DWSはドイツ銀行グループの資産運用を行う部門の総称で不動産投資運用部門を含んでいます。この不動産投資運用部門では事業の一環として不動産投資運用/助言業務(*)を行っております。不動産投資運用/助言業務は、ドイツ銀行グループに属する各国の地域会社によって遂行されています。その主な会社としては米国の RREEF America L.L.C.、ドイツの DWS Grundbesitz GmbH, DWS Real Estate GmbH, DWS Alternatives GmbH、オーストラリアの DWS Investments Australia Limited (ABN 52 074 599 401、オーストラリア金融サービス免許登録事業者)、香港の Deutsche Bank Aktiengesellschaft, Hong Kong Branch および DWS Investments Hong Kong Limited、日本のドイチェ・アセット・マネジメント株式会社、シンガポールの DWS Investments Singapore Limited (登録番号 198701485N)、英国の Deutsche Alternative Asset Management (UK) Limited, DWS Alternatives Global Limited、DWS Investments UK Limited などがあります。(*) ドイチェ・アセット・マネジメント株式会社においては不動産に係る投資に関し助言業務を行っております。

DWS Research の主要スタッフは不動産投資運用部門が傘下に持つファンドの投資委員会の議決メンバーです。投資委員会の議決メンバーは投資や買収、その他議決が必要な行為に関し議決権を有します。加えて、リサーチのスタッフは不動産投資運用部門や傘下のグループ会社が運営する投資勘定や投資ビークルの投資結果に応じて、インセンティブ収益を得ている可能性があり、現在得ていなくても今後得る可能性があります。当社の関連会社は本レポートに掲載された金融商品・証券等についてマーケットメイクを行っている場合があり、また自己勘定取引・デリバティブ取引をこれまでに行った、あるいは今後行う場合があります。

当資料は、情報提供を目的としたものであり、特定の投資商品の推奨や投資勧誘を目的としたものではありません。当資料は、信頼できる情報をもとに DWS が作成し、ドイチェ・アセット・マネジメント株式会社が配布しておりますが、正確性・完全性について当社が責任を負うものではありません。当資料記載の情報は作成時点のものであり、市場の環境やその他の状況によって予告なく変更することがあります。当資料に記載の内容は将来の運用成果などを保証もしくは示唆するものではありません。また、各種データは記載時点のものであり、将来の傾向、数値などを保証もしくは示唆するものではありません。本資料および本資料中の情報は事前の同意がない限り、その全部又は一部をコピーすることや、配布することはできません。

不動産投資は、高度なリスクと流動性の潜在的な制限が伴うため、豊富な知識および経験を備えた投資家だけに適しています。投資の目的の達成または投資のすべてあるいは一部に対する収益は一切保証されず、投資結果は期間によって大きく異なる可能性があります。当資料は投資に関する助言を構成するものではなく、投資の決定の主要な判断材料を提供するものではありません。

当資料で述べている意見には、見直し情報を構成するものもあります。DWS の分析におけるさまざまなリスク、不確実性および仮説により、この文書の調査報告に含まれる実際の出来事、結果または実際の市場の成果はその記載内容と大きく異なる場合があります。当資料に含まれる情報は DWS の現在の見解を反映するだけのものであり、DWS の見解は今後変更される可能性があり、その内容を確約するものではありません。また、ここで述べた意見と同様の出来事が発生するとは限りません。当資料およびここに含まれる情報は、いかなる契約または約束の根拠を形成するものではありません。