

Preparing For Value Add

September 2022

IN A NUTSHELL

- The European real estate market has entered a period of price correction. According to recent estimates, the average net initial yield on grade B office stock could increase this year by 100 basis points, equivalent to a 20% fall in value.
 - With price correction should come opportunity. As the economy returns to growth, and as structural demand drivers continue to assert themselves, this looks to be an excellent time to prepare value-add-focused strategies. Given a constrained pipeline of new supply, we see future opportunities to purchase grade B assets at a reduced price, with a view to delivering high quality space that meets future occupier requirements.
 - The vast majority of Europe's current real estate stock will still stand in 2050. Value-add strategies that focus on refurbishment could be a critical component in meeting real estate's carbon reduction goals, while also providing the added benefit of delivering assets that are in demand from occupiers, investors and regulators.
-

Price correction

Weaker quality stock is experiencing a far greater price correction than the market average

The European real estate market has entered a period of price correction. With financing conditions tightening, investment volumes falling, and economic growth slowing to the point of possible recession, there is a strong likelihood that we will see a material reduction in real estate prices over the coming 12 months.

Weaker quality assets are judged to be most at risk, and while valuation evidence is likely to lag for some months to come, we are already witnessing a notable pullback in pricing for assets that are currently on the market. This does not come as a surprise. At a time of reduced liquidity, uncertainty around future cashflows is leading investors to seek the safety of well-let, prime assets. And in addition, the various ongoing structural changes – from technology to ESG – and their associated capex requirements mean that over the coming quarters we expect to see far fewer investors willing to acquire poorer quality stock. This is laying the groundwork for a major price correction in stock judged to be grade B and below.

We have also witnessed over recent years a marked reduction in the risk premium applied to weaker assets. This has been most noticeable in the office sector, where despite a growing divergence in occupier performance, the prime/secondary spread for CBD assets in Germany was just 60 basis points in the second quarter of this year, 80 basis points below the historical average.¹

¹ CBRE, July 2022

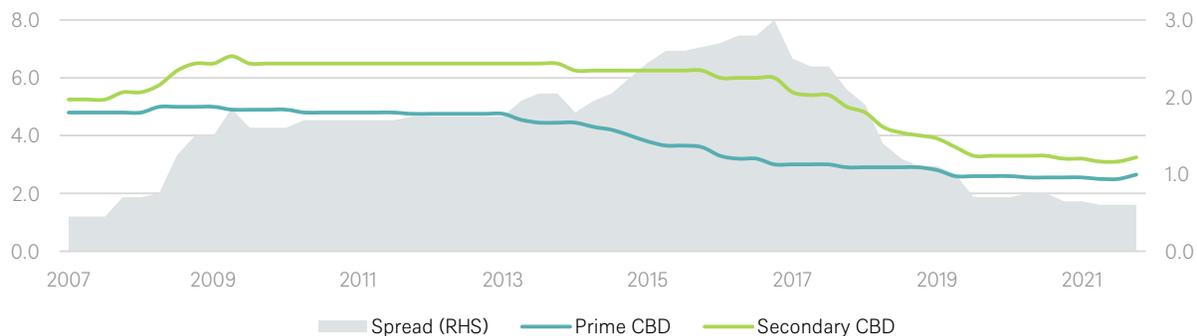
The brand DWS represents DWS Group GmbH & Co. KGaA and any of its subsidiaries, such as DWS Distributors, Inc., which offers investment products, or DWS Investment Management Americas, Inc. and RREEF America L.L.C., which offer advisory services. There may be references in this document which do not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

German Office Yield by Asset Quality (% / % points)



Source: CBRE, DWS, July 2022.

Taking into account all assets on the market, including those which have failed to sell, Green Street estimates suggest that repricing of grade B stock is well underway. Using this approach, the average net initial yield on grade B office stock is expected to expand by around 100 basis points in 2022, equivalent to a 20% fall in value. And while the impact may be less for other sectors, grade B logistics, residential and retail are still judged likely to see value declines in the range of 5-10%.²

Despite the pandemic, the occupier market has been in good shape, with shortages of new and high-quality stock reported across almost all sectors. Often reflecting a sustained lack of development, shortages span the entire spectrum of residential and logistics. Average office vacancy has risen in recent years, but even here the market is frequently struggling to offer the quality of assets sought by corporate occupiers.

However, as the economy slows, rising corporate insolvencies and job losses could lead vacancy higher. Given a relatively modest pipeline of development in all sectors outside logistics, this scenario suggests a more acute rise in secondary vacancy, as occupiers consolidate their space requirements. Grade B offices look particularly vulnerable. A typically procyclical sector, higher average vacancy, and ongoing questions over remote working increase the risk of rental decline.

Clearly there is a huge degree of uncertainty to this outlook, and there will most probably be a wide range of outcomes across different assets. Nonetheless, given some of the recent estimates of current price correction, and with rental values vulnerable in the face of slowing demand, it would not be unreasonable to suggest that some secondary assets could see considerably more than 20% wiped off their value.

Upcoming opportunities

Price correction and future economic recovery laying the groundworks for attractive value-add opportunities

With price correction should come opportunity. As the economy returns to growth, and as structural demand drivers continue to assert themselves, this looks to be an excellent time to prepare strategies that are focused on value-add investment. Even the worst recessions come to an end, and certainly very few economists are expecting this downturn to rank anywhere near events such as the GFC. This is important, as the success of value-add strategies will often be dependent upon growing occupier demand. While trend economic growth may be slower in the future, many cities, from London to Copenhagen, are projected to see population, employment, and GDP growth well in advance of the European average.³

As recovery emerges, this should support the letting of vacant space. While current repricing will help, unless other asset management initiatives are successfully executed, this approach is unlikely to provide sufficient returns to satisfy most value-add strategies. Additional return may be found by moving into smaller markets, where lower levels of liquidity could support

² Green Street, August 2022
³ Oxford Economics, August 2022

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.

an even greater price adjustment. However, we would generally caution against this approach, with the exception of the living sectors in a select number of smaller cities such as Valencia, Bristol and Leipzig, which are benefitting from population and employment growth more than the major markets.

Structural drivers

Value-add investors should seek to deliver space that meets the needs of ongoing structural demand drivers

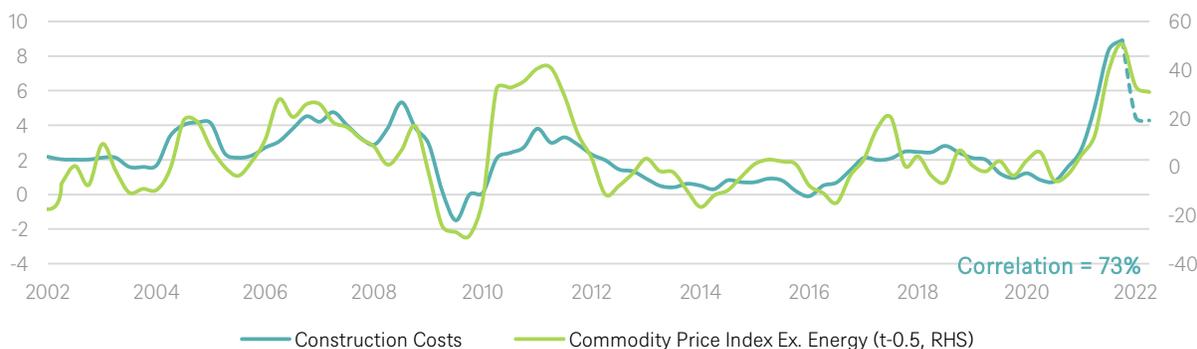
Perhaps more important than the cycle are the ongoing structural drivers that continue to influence and alter demand for real estate space. Whether it be technology, demographics or changes in the way we live our lives, these factors have the potential to lead to outsized demand growth across various parts of the real estate market – demand that the current stock of real estate will struggle to meet without significant active asset management.

With a constrained pipeline of new supply, which may well shrink further in response to today’s market environment, this should open-up future opportunities for those investors willing and able to purchase grade B assets at a reduced price, with a view to delivering high quality space that meets future occupier needs.

In growing segments such as co-living, senior housing or self-storage, we also see opportunities for value-add investors to establish programmatic partnerships with specialist operators. Depending on the setup of this relationship, in addition to delivering stock that that meets the needs of a growing part of the market, investors may also gain from improvements in tenant covenant, net operating income growth and even through holding a stake in the operating company itself.

The recent increase in construction costs may make some investors nervous in committing to an active strategy that requires a large capex budget, although there are signs that supply chains are now starting to ease, with commodity prices well down from their recent peak. However, if construction cost growth does remain elevated, in time we would expect this to further weigh on new supply, particularly where replacement costs are running above that of current asset prices.

Euro Area Construction Costs and Commodity Prices



Source: DWS, Macrobond, August 2022.
 Note: Dotted line reflects forecast based on historical relationship between construction costs and commodity prices.

Impact and carbon reduction

Value-add strategies that focus on refurbishment have the potential to have a significant impact of carbon emissions

One key structural driver in support of a future value-add strategy is the ongoing move towards a low carbon economy. Real estate is a major contributor to emissions, and to meet industry commitments, a large proportion of the current stock will require substantial refurbishment. It is important to stress refurbishment rather than new build here, given that refurbished assets not only reduce operational carbon, they are also estimated to save between a third and a half of embodied carbon.⁴

⁴ London Energy Transformation Initiative, AECOM, DWS, August 2022

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.

With tenants increasingly wanting space that meets their own environmental standards, and with environmental regulations becoming stricter, refurbished stock could achieve higher occupier demand while recording a lower risk profile. Not only would this help to provide additional returns, but it would also support investors looking to meet their own environmental and other impact objectives.

We believe this strategy could be most effective in high productivity cities such as London and Paris, where corporate and residential tenants are more likely to be able to afford the additional costs associated with high specification space. We also favour cities like Berlin and Hamburg where there are currently fewer environmentally certified (office) buildings,⁵ and delivering high specification space into these markets could benefit from a scarcity premium.

Preparing for Value Add

Price correction, recovery, high return expectations and positive impact support the case for future value-add investment

We're only at the beginning of this economic and real estate market slowdown, and therefore it may seem counterintuitive to be suggesting that now is the right time to be thinking about a move up the risk curve. However, for most, real estate investment is a multi-year process, and as such we must be prepared to look out into the future.

Market timing is important, but we do not believe it is a sufficient condition for ensuring investment success. Nothing is certain, but as explained in this note, the outlook for real estate, whether it be current repricing, prolonged undersupply, or major structural changes, all lend themselves to the view that investors should now be considering a future allocation to value-add strategies.

Successful value-add strategies won't be limited to just one sector. Whether it be the impact of remote working on residential, ecommerce on logistics, demographics on senior housing, or the push for net-zero on corporate office space, all these factors indicate the need for the real estate market to respond to changing occupier requirements.

Success also won't be limited to just one location. Structural changes are occurring across the globe and throughout Europe's real estate markets. While we do tend to favour fast growing and high productivity locations, where occupiers are more likely to be able to afford high specification space that meets the latest environmental standards, this should not be a limitation, with many smaller cities also seeing similar demand drivers.



Source: Microsoft Stock Images; August 2022.

Finally, the vast majority of Europe's current build stock will still stand in 2050, and as such we will not be able to build our way to lower carbon. Taking on refurbishments – retaining carbon while delivering operationally efficient assets – will be a critical component in meeting real estate's carbon reduction goals, while also providing the added benefit of delivering assets that are in demand from occupiers, investors and regulators.

In sum, we believe there is a strong case for investors to start preparing for value-add strategies. Not only due to improving return expectations in the years beyond the current market downturn, but also as a key element in meeting the industry's environmental goals.

⁵ JLL, July 2022

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

Joseph Pecora, CFA

Apartment Research

Ana Leon

Retail Research

Sharim Sohail

Property Market Research

Europe

Ruben Bos, CFA

Property Market Research

Tom Francis

Property Market Research

Siena Golan

Property Market Research

Rosie Hunt

Property Market Research

Carsten Lieser

Property Market Research

Martin Lippmann

Property Market Research

Asia Pacific

Koichiro Obu

Head of Real Estate Research, Asia Pacific

Natasha Lee

Property Market Research

Hyunwoo Kim

Property Market Research

Seng-Hong Teng

Property Market Research

THE AUTHOR



Simon Wallace
Global Co-Head of Real Estate Research

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.

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 product(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.

© 2022 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).

© 2022 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.

© 2022 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.

© 2022 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.

© 2022 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.