September 2020



Confidential. For Professional Clients (MiFID Directive 2014/65/EU Annex II) only. For Qualified Investors (Art. 10 Para. 3 of the Swiss Federal Collective Investment Schemes Act (CISA)). For Institutional investors only. Further distribution of this material is strictly prohibited. In Australia and New Zealand, for wholesale investors only.

Nordics Real Estate Strategic Outlook September 2020

The Nordic region is expected to be a relative winner in 2020 and is well set for the coming years of recovery. Supported by strong population and employment growth, cities like Stockholm, Copenhagen and Helsinki are all expected to see the return of capital value growth from next year onwards. Like other parts of Europe, residential and logistics stand out as the top performing sectors across the region. and are likely to become increasingly important parts of the investable universe as the decade proceeds. We foresee deep declines in shopping centre values over the coming years, but while structural changes are also likely to weigh on the office market, we still see a sustainable future for high quality, flexible office space both at the heart of, and in emerging locations within, major cities.

Economic outperformance now and in the future

The Nordic region is likely to stand out as a relative success story in 2020. While no country has been immune to the impact of the current global crisis, in all four of the Nordic countries that we cover, GDP growth this year is expected to be well in advance of the European average.1

Perhaps even more important for real estate investors is the strong long-term outlook – particularly across the major cities. For example, of all the European cities we track, Stockholm is projected to see some of the fastest population and employment growth over the coming five years.2

So far so good but risks remain for 2020

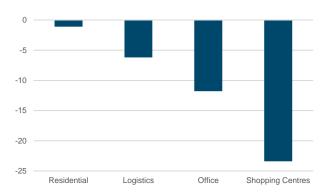
Much of the currently available data has shown little change in prime Nordic values when compared to the start of the year.

However, there are clear reasons to question the sustainability of these values. Despite the resilience of the region, all countries have seen a severe contraction in economic output and real estate vacancy rates are tracking higher. According to JLL, Stockholm office vacancy was 6.7% at the end of July, up 80 basis points from the start of the vear.3

We forecast prime office values in the region to fall by more than 10% this year, before returning to growth in 2021.

Logistics and residential look to be more resilient. For residential we expect almost no value decline this year, and while we forecast some corridor and trade-linked logistics locations will see values fall by around 6%, we think it likely that urban and e-commerce focused facilities will see little change.

PRIME NORDIC CAPITAL VALUE FORECAST (2020)



Source: DWS, July 2020. Forecasts are based on assumptions, estimates, views and hypothetical models or analyses, which might prove inaccurate or incorrect.

In contrast, we continue to see retail as the most vulnerable part of the market. With some high streets and shopping

Please note certain information in this presentation constitutes forward-looking statements. The information herein reflect our current views only, are subject to change, and are 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. Past performance is not a reliable indicator of future returns. No assurance can be given that any forecast, target or opinion will materialise. 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.

¹ DWS, Oxford Economics, July 2020

² Oxford Economics, July 2020

³ JLL, July 2020



Confidential. For Professional Clients (MiFID Directive 2014/65/EU Annex II) only. For Qualified Investors (Art. 10 Para. 3 of the Swiss Federal Collective Investment Schemes Act (CISA)). For Institutional investors only. Further distribution of this material is strictly prohibited. In Australia and New Zealand, for wholesale investors only.

centres already experiencing rising vacancy and falling rents going into this year, current conditions are worsening a bad situation. With yields also rising sharply, we forecast prime shopping centre values will fall by an average of 23% this year and will continue to decline through 2021 and 2022.

Recovery in sight

This continuation of falling prices is expected to be unique to the retail sector. Our forecasts for office, logistics and residential all show capital values starting to recover from next year onwards.

While we're not in a position to claim any certainty in the outlook for the pandemic, we do believe that societies are better prepared, and that any future lockdowns will be more targeted, with less of an impact on the wider economy.

Led by yield compression and sustained by the return and acceleration of rental growth, we see returns nearing double-digit levels by 2022.

Top performing residential markets

Returns across the Nordics are expected to be broadly in line with the European average over the coming five years. In all four of the markets we cover, we see attractive opportunities, particularly in the logistics and residential space.

In Stockholm, Copenhagen and Helsinki, both of these sectors are projected to outperform the European market average on a risk-adjusted basis. This is less the case for Oslo, with Euro-denominated investors facing a substantial drag due to hedging.

Stockholm and Copenhagen in particular stand out as some of the top residential markets in Europe. Not only is there a strong outlook for population and disposable income growth, both cities are tending to offer a yield premium of around 60 basis points above the European average.

The outperformance of logistics is commonplace across almost all of Europe. The Nordics certainly benefits from a higher than average level of online spend, which we expect to continue to grow strongly. In addition, prime yields across the region are around 50 basis points above other Core European markets, supporting income and total returns.

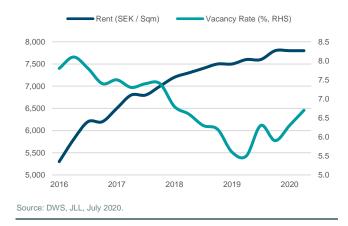
Next generation offices

In the office sector we are concerned that the pandemic will permanently increase the propensity to work from home, reducing overall net absorption across European cities. The Nordics is no exception, with digital-savvy populations and tech clusters in places like Stockholm and Helsinki.

However, this is not the death of the office. We believe companies and employees will continue to demand high quality, flexible office space, facilitating everything from brand building to collaboration.

In Stockholm, we are still concerned about rental affordability for the most prime space, particularly as vacancy is now rising. However, given the strength of projected jobs growth, more affordable, emerging submarkets still look attractive.

PRIME STOCKHOLM OFFICES



Finally, we do not expect a quick improvement in the retail sector. From peak to trough we forecast prime shopping centre values will fall by around a third by the end of 2022. While there will almost certainly be a wide divergence between different assets, the sector is expected to underperform and shrink as a share of the real estate market. Centres that survive this period may provide long-term opportunities, but as of today we see few reasons to increase exposure to retail.





Confidential. For Professional Clients (MiFID Directive 2014/65/EU Annex II) only. For Qualified Investors (Art. 10 Para. 3 of the Swiss Federal Collective Investment Schemes Act (CISA)). For Institutional investors only. Further distribution of this material is strictly prohibited. In Australia and New Zealand, for wholesale investors only.

Research & Strategy—Alternatives

OFFICE LOCATIONS:

Chicago

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

Frankfurt

Taunusanlage 12 60325 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

TEAM:

Global

Kevin White, CFA Co-Head of Research & Strategy kevin.white@dws.com

Gianluca Minella

Head of Infrastructure Research gianluca.minella@dws.com

Americas

Brooks Wells

Head of Research, Americas brooks.wells@dws.com

Ross Adams

Industrial Research ross.adams@dws.com

Ana Leon

Retail Research ana.leon@dws.com

Europe

Tom Francis

Property Market Research tom.francis@dws.com

Property Market Research rosie.hunt@dws.com

Florian van-Kann

Property Market Research florian.van-kann@dws.com

Siena Golan

Simon Wallace

Co-Head of Research & Strategy

simon.wallace@dws.com

Liliana Diaconu. CFA

liliana.diaconu@dws.com

Property Market Research

ryan-c.defeo@dws.com

Joseph Pecora, CFA

Apartment Research

joseph.pecora@dws.com

Office Research

Ryan DeFeo

Property Market Research siena.golan@dws.com

Martin Lippmann

Property Market Research martin.lippmann@dws.com

Aizhan Meldebek

Infrastructure Research aizhan.meldebek@dws.com

Asia Pacific

Koichiro Obu

Head of Research & Strategy, Asia Pacific koichiro-a.obu@dws.com

Seng-Hong Teng

Property Market Research seng-hong.teng@dws.com

Natasha Lee

Property Market Research natasha-j.lee@dws.com

Hyunwoo Kim

Property Market Research hyunwoo.kim@dws.com





Confidential. For Professional Clients (MiFID Directive 2014/65/EU Annex II) only. For Qualified Investors (Art. 10 Para. 3 of the Swiss Federal Collective Investment Schemes Act (CISA)). For Institutional investors only. Further distribution of this material is strictly prohibited. In Australia and New Zealand, for wholesale investors only.

Risk Information

Investments in Real Estate are subject to various risks, including but not limited to the following:

- Adverse changes in economic conditions including changes in the financial conditions of tenants, buyer and sellers, changes in the availability of debt financing, changes in interest rates, real estate tax rates and other operating expenses;
- Adverse changes in law and regulation including environmental laws and regulations, zoning laws and other governmental rules and fiscal policies;
- Environmental claims arising in respect of real estate acquired with undisclosed or unknown environmental problems or as to which inadequate reserves have been established;
- Changes in the relative popularity of property types and locations;
- Risks and operating problems arising out of the presence of certain construction materials; and
- Currency / exchange rate risks where the investments are denominated in a currency other than the investor's home currency

September 2020



Confidential. For Professional Clients (MiFID Directive 2014/65/EU Annex II) only. For Qualified Investors (Art. 10 Para. 3 of the Swiss Federal Collective Investment Schemes Act (CISA)). For Institutional investors only. Further distribution of this material is strictly prohibited. In Australia and New Zealand, for wholesale investors only.

Important Information

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.

DWS represents the asset management activities conducted by DWS Group GmbH & Co. KGaA or any of its subsidiaries. In the U.S., DWS relates to the asset management activities of RREEF America L.L.C.; in Germany: DWS Grundbesitz GmbH, DWS Real Estate GmbH, and DWS Alternatives GmbH; in Australia: DWS Investments Australia Limited (ABN 52 074 599 401) an Australian financial services incense holder; in Japan: DWS Investments Japan Limited; in Hong Kong: Deutsche Bank Aktiengesellschaft, Hong Kong Branch (for direct real estate business), and DWS Investments Hong Kong: Limited (for real estate securities business); in Singapore: DWS Investments Singapore Limited (Company Reg. No. 198701485N); in the United Kingdom: Deutsche Alternative Asset Management (UK) Limited, DWS Alternatives Global Limited and DWS Investments UK Limited; and in Denmark, Finland, Norway and Sweden: DWS Investments UK Limited and DWS Alternatives Global Limited; in addition to other regional entities in the Deutsche Bank Group. Key DWS research personnel are voting members of various investment committees. Members of the investment committees vote with respect to underlying investments and/or transactions and certain other matters subjected to a vote of such investment committee. The views expressed in this document have been approved by the responsible portfolio management team and real estate committee and may not necessarily be the views of any other division within DWS.

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.

Investment in real estate may be or become nonperforming after acquisition for a wide variety of reasons. Non-performing real estate investment may require substantial workout negotiations and/ or restructuring. Environmental liabilities may pose a risk such that the owner or operator of real property may become liable for the costs of removal or remediation of certain hazardous substances released on, about, under, or in its property. Additionally, to the extent real estate investments are made in foreign countries, such countries may prove to be politically or economically unstable. Finally, exposure to fluctuations in currency exchange rates may affect the value of a real estate investment.

Investments in Real Estate are subject to various risks, including but not limited to the following:

- Adverse changes in economic conditions including changes in the financial conditions of tenants, buyer and sellers, changes in the availability of debt financing, changes in interest rates, real estate tax rates and other operating expenses;
- Adverse changes in law and regulation including environmental laws and regulations, zoning laws and other governmental rules and fiscal policies;
- Environmental claims arising in respect of real estate acquired with undisclosed or unknown environmental problems or as to which inadequate reserves have been established;
- Changes in the relative popularity of property types and locations;





Confidential. For Professional Clients (MiFID Directive 2014/65/EU Annex II) only. For Qualified Investors (Art. 10 Para. 3 of the Swiss Federal Collective Investment Schemes Act (CISA)). For Institutional investors only. Further distribution of this material is strictly prohibited. In Australia and New Zealand, for wholesale investors only.

- Risks and operating problems arising out of the presence of certain construction materials; and
- Currency / exchange rate risks where the investments are denominated in a currency other than the investor's home currency.

An investment in real estate 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.

Any forecasts provided herein are based upon DWS's opinion of the market at this date and are subject to change dependent on the market. Past performance or any prediction, projection or forecast on the economy or markets is not indicative of future performance.

This marketing communication is intended for professional clients only.

DWS is the brand name of DWS Group GmbH & Co. KGaA and its subsidiaries under which they operate their business activities. The respective legal entities offering products or services under the DWS brand are specified in the respective contracts, sales materials and other product information documents. 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 has been prepared without consideration of the investment needs, objectives or financial circumstances of any investor. Before making an investment decision, investors need to consider, with or without the assistance of an investment adviser, whether the investments and strategies described or provided by DWS Group, are appropriate, in light of their particular investment needs, objectives and financial circumstances. Furthermore, 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 giving investment advice.

The document was not produced, reviewed or edited by any research department within DWS and is not investment research. Therefore, laws and regulations relating to investment research do not apply to it. Any opinions expressed herein may differ from the opinions expressed by other legal entities of DWS or their departments including research departments.

The information contained in this document does not constitute a financial analysis but qualifies as marketing communication. This marketing communication is neither subject to all legal provisions ensuring the impartiality of financial analysis nor to any prohibition on trading prior to the publication of financial analyses.

This document contains forward looking statements. Forward looking statements include, but are not limited to assumptions, estimates, projections, opinions, models and hypothetical performance analysis. The forward looking statements expressed constitute the author's judgment as of the date of this document. Forward looking statements involve significant elements of subjective judgments and analyses and changes thereto and/ or consideration of different or additional factors could have a material impact on the results indicated. Therefore, actual results may vary, perhaps materially, from the results contained herein. No representation or warranty is made by DWS as to the reasonableness or completeness of such forward looking statements or to any other financial information contained in this document. Past performance is not guarantee of future results.

We have gathered the information contained in this document from sources we believe to be reliable; but we do not guarantee the accuracy, completeness or fairness of such information. All third party data are 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, 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. Furthermore, substantial fluctuations of the value of any investment are possible even over short periods of time. The terms of any investment will be exclusively subject to the detailed provisions, including risk considerations, contained in the offering documents. When making an investment decision, you should rely on the final documentation relating to any transaction.

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 or persons associated with it may (i) maintain a long or short position in securities referred to herein, or in related futures or options, and (ii) purchase or sell, make a market in, or engage in any other transaction involving such securities, and earn brokerage or other compensation.



September 2020

Confidential. For Professional Clients (MiFID Directive 2014/65/EU Annex II) only. For Qualified Investors (Art. 10 Para. 3 of the Swiss Federal Collective Investment Schemes Act (CISA)). For Institutional investors only. Further distribution of this material is strictly prohibited. In Australia and New Zealand, for wholesale investors only.

DWS does not give taxation or legal advice. Prospective investors should seek advice from their own taxation agents and lawyers regarding the tax consequences on the purchase, ownership, disposal, redemption or transfer of the investments and strategies suggested by DWS. The relevant tax laws or regulations of the tax authorities may change at any time. DWS is not responsible for and has no obligation with respect to any tax implications on the investment suggested.

This document may not be reproduced or circulated without DWS written authority. The manner of circulation and distribution of this document may be restricted by law or regulation in certain countries, including the United States.

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.

© 2020 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).

© 2020 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.

© 2020 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.

© 2020 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.

© 2020 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.

© 2020 DWS Group GmbH & Co. KGaA. All rights reserved. (8/20) I-060114_5.1