



In short: Patience required, the worst may be past

Key Points

- 1. Interest rate effect on Real Estate fades: US and European central banks near the end of the rate hiking cycles, with policy rates already at 15-year highs. As inflation rates decline, long-term bond yields are also cooling, reducing the pressure on property prices.
- 2. US benefits from weaker inflation, coming soon to Europe: US and European inflation should decline further to year-end, allowing stable to lower long-term interest rates. We forecast end-2023 10-year bond yields of 3.5% (v 3.8% now) in the US and 2.5% (v. 2.4%) in Germany.
- 3. Commercial Real Estate outlook mixed: from a structural viewpoint, we see greater growth potential from Logistics and Hospitality segments given robust demand. In contrast, the environment is more challenging for secondary Office and Retail segments.
- Modest correction in most Residential property 4. markets: Australia and Sweden are the most impacted residential property markets due to i) high loan-to-value ratios, and ii) high exposure to variable interests rates, France and the US fare better, with moderate borrowing levels and 90% exposure to long-term fixed rates.
- **Employment market remains key:** economic stability is 5. key to underpinning Residential and Commercial Real Estate demand. Today's starting point is encouraging: decade highs in US, UK and European employment.



Main recommendations

Maintain Neutral stance on Real Estate. We look for stability in European Commercial Real Estate over H2 2023, then a potential price rebound in 2024. Lower long-term interest rates together with stable economic activity could prompt us to review our Neutral rating.

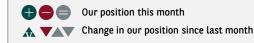
Potential catalysts: lower inflation expectations, continued Residential and last-mile Logistics undersupply of land. Value-add strategies of upgrading older Real Estate assets looks appealing in this context.

Regionally, UK, Continental Europe and Poland look more attractive given higher starting yields and encouraging rental growth trends.

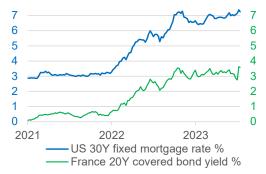
Commercial Real Estate segments to favour: More conservative investors should look to the lower volatility European Healthcare and Residential segments. More dynamic investors can favour an expected rebound in Industrial/Logistics demand.

Key risks: significant contraction in global economic activity driving higher unemployment rates, lower Residential and Commercial Real Estate demand. Inflation persistence, obliging central banks to continue hiking interest rates is a second key risk.

Remember: Real Estate is a long-term, illiquid investment with positive rental growth that generally provides a reasonable inflation hedge over time.



US, French fixed-interest rates plateau



Source: BNP Paribas, Bloomberg

Global inflation momentum reverses







BNP PARIBAS WEALTH MANAGEMENT

Contents

Real Estate Outlook

2 Real Estate: Dominant Asset Class

3-6

Macro Drivers: Interest Rates, Inflation, Employment

7

Real Estate Funds: Only Modestly Negative Q1 2023 returns

8-10

Europe Commercial RE: More Attractive Yields, Rental Growth 11 Europe Offices: Only Modest Rise in Prime Vacancy Rate

12

Global Listed Real Estate: US, Logistics Have Led since 2016

1. Real Estate Outlook

REAL ESTATE PRICES ALREADY BEGIN TO STABILISE POST 2022-Q1 23 CORRECTION

After a long period of robust compound returns for global Real Estate markets post the 2008 Global Financial Crisis, 2022 and 01 2023 delivered an unwelcome correction.

Both Residential and Commercial Real Estate markets have suffered from a readjustment phase due to a sharp spike in US and European interest rates. The return of high inflation has obliged central banks to abandon their long-held zero interest rate policies. US and European policy interest rates stand today at 15-year highs, pushing both bond and Real Estate yields higher.

Is the worst now past? The 01 2023 performance suggested that stability may be in view for global Real Estate - unlisted European Commercial Real Estate funds saw a drop of only 1% in their quarterly returns versus Q4 2022. BNP Paribas Real Estate forecast stability in European Commercial Real Estate Prices over H2 2023, then a progressive rebound from 2024 onwards. Avoiding deep recession is key: we look for a combination of robust employment trends,

easing inflation rates and a modest recovery in European economic activity by end-2023 to support a combination of stable property yields and positive rental growth. The end of the programme of interest rate hikes by the European Central Bank and the US Federal Reserve in the coming months would also be welcome for both Residential and Commercial Real Estate.

Segments and Regions to Favour: More conservative investors should look to the lower volatility European Healthcare and Residential segments. Dynamic investors can favour segments with strong rental growth: city centre Logistics, Hospitality, Healthcare, Multifamily Residential. Regionally, the UK and Europe look better value today for long-term investors given higher rental yields + growth. In contrast, Offices will take longer to recover fully; secondary offices are at risk from value impairment, as companies reassess their post-COVID space requirements.



world

28 July, 2023 - 4

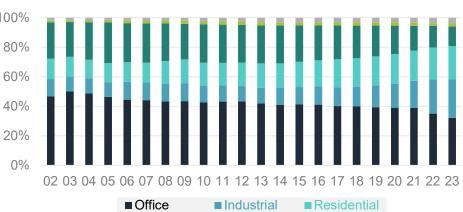
Searching for H2 2023 stability

2. Real Estate: > 50% of Global Assets

REAL ESTATE IS BY FAR THE BIGGEST ASSET CLASS, DOMINATED BY RESIDENTIAL PROPERTY



Worldwide, Offices Now Only 1/3rd of Commercial Real Estate Market



Hotel

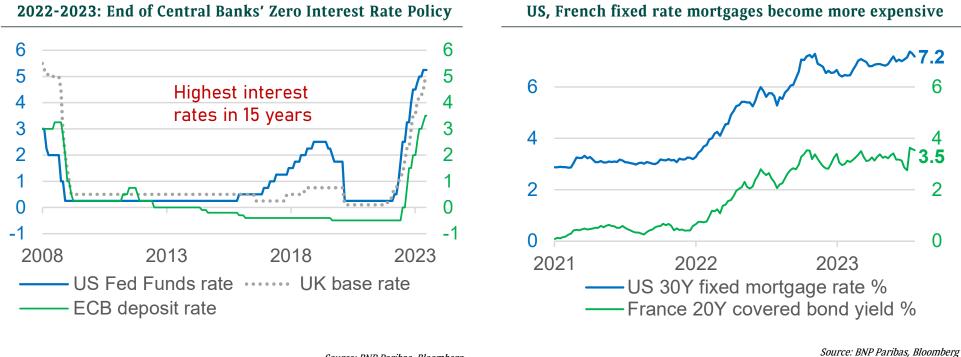
Source: BNP Paribas Real Estate, MSCI

■ Other

BNP PARIBAS WEALTH MANAGEMENT

3. Interest Rate Shock: Hits Real Estate after Low Rate Era

INFLATION SURGE AND RESULTANT CENTRAL BANK INTEREST RATE HIKES IMPACT REAL ESTATE



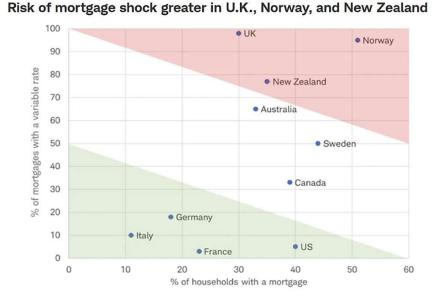
Source: BNP Paribas, Bloomberg



4. Residential Property: Australia, UK, Norway exposed to higher rates

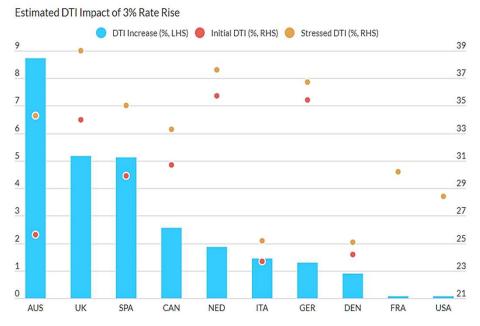
WHILE US, FRENCH, GERMAN, ITALIAN HOUSING MARKETS HAVE RELATIVELY LOW EXPOSURE

Key Eurozone housing markets, US not exposed to variable interest rates; while UK, Norway, New Zealand are



Source: Charles Schwab, OECD, Reserve Bank of Australia, Bank of Canada, CoreLogic, Hypostat, data as of 11/8/2022.

Australian homeowners are most sensitive to rising mortgage rates : US and France least sensitive

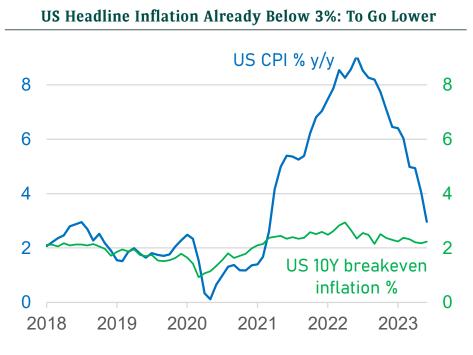


Source: Fitch Ratings. Note: DTI = cost of servicing debt as propprtion of net household income in %



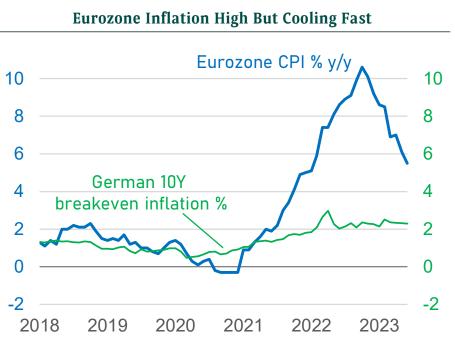
5. Inflation Spike Reverses: Return to/below Target?

BOND MARKETS INCREASINGLY LOOK THROUGH INFLATION SPIKE: LONG-TERM BREAKEVEN RATES CLOSE TO 2%



Source: BNP Paribas, Bloomberg

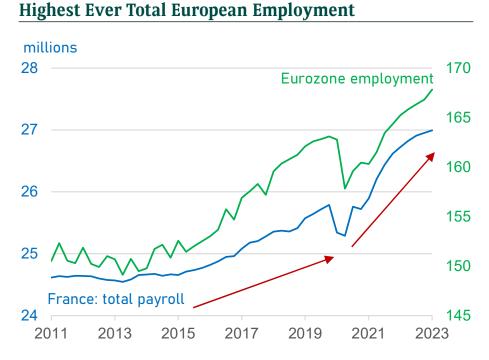




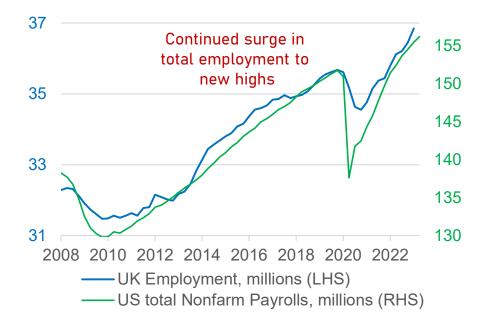
Source: BNP Paribas, Bloomberg

6. Real Estate Demand Supported by Strong Employment Climate

RESIDENTIAL, COMMERCIAL PROPERTY DEMAND SUPPORTED BY GROWING EMPLOYMENT, THUS MORE ROBUST CONSUMER



US, UK Employment Well Above Pre-COVID Levels

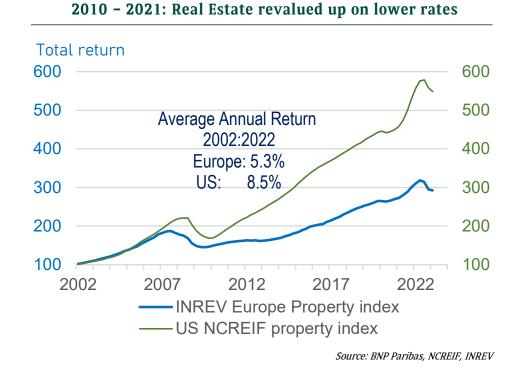


Sources: BNP Paribas, Bloomberg

BNP PARIBAS WEALTH MANAGEMENT

7. Real Estate Funds: Only a small drop in returns in Q1 2023

REAL ESTATE RETURNS ALREADY STABILISING IN Q1 2023 POST CORRECTION





Hoping to see stability in Real Estate values in mid-2023

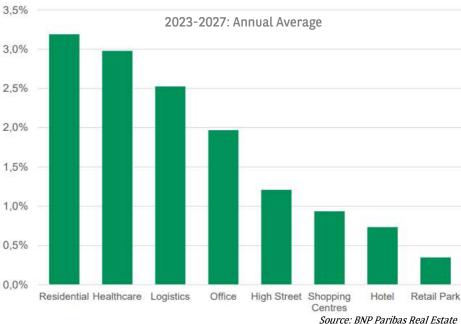


8. Europe Commercial RE: Improving Yields, Robust Rental Growth

HIGHER FINANCING RATES DRIVE PROPERTY YIELDS HIGHER



Europe Prime Yields: Still Adjusting on Higher Rates

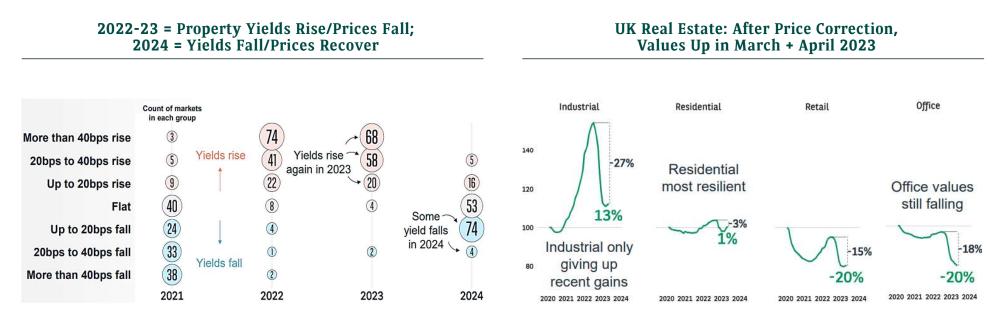


Europe Rental Growth: Expected to Remain Robust



9. BNP Paribas REIM: Expects Europe Property Prices to Rise in 2024

FORECAST LOWER 2024 EUROPEAN PROPERTY YIELDS = EXPECTED REBOUND IN COMMERCIAL REAL ESTATE PRICES



Source: BNP Paribas REIM ((Lighthouse H2 2023 report), MSCI. Data as of April 2023

The bank for a changing world

Source: BNP Paribas REIM ((Lighthouse H2 2023 report)



10. Europe Prime Property: Stability in H2 2023, then Positive Returns

· Capital growth in Europe Yield impact Rental impact 20% FORECASTS 15% 10% 5% 0% . -5% -10% -15% -20% T1 T2 **T**3 **T**4 09 10 23 24 07 08 11 12 13 14 15 16 17 18 19 20 21 22 25 26

EUROPE PRIME PROPERTY YIELDS TO STOP RISING BY END-2023, RENTAL GROWTH TO THEN DRIVE PRICES

Source: BNP Paribas Real Estate



11. Europe Offices: Only Modest Rise in Prime Office Vacancy Rate

FEARS OVER WORK FROM HOME IMPACT ON OFFICE DEMAND EXAGGERATED?



Source: BNP Paribas Real Estate



WEALTH MANAGEMENT

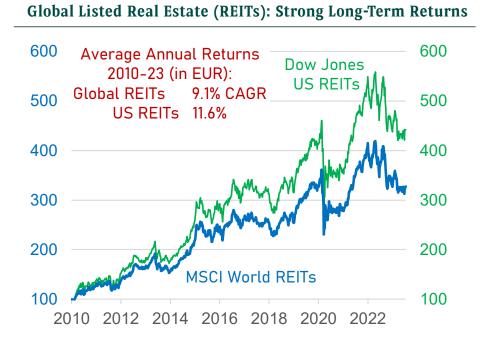
Europe Prime Office Rents: Still Growing Q1 2023 vs Q1 2022

CENTRAL LONDON +21% 7 BERLIN +5% 7 CENTRAL PARIS +4% 7 AMSTERDAM +3% 2 +2% \$ MADRID MILAN +10% 5 +8% 5 WARSAW BRUSSELS +3% 7 DUBLIN +8% 5 LUXEMBOURG

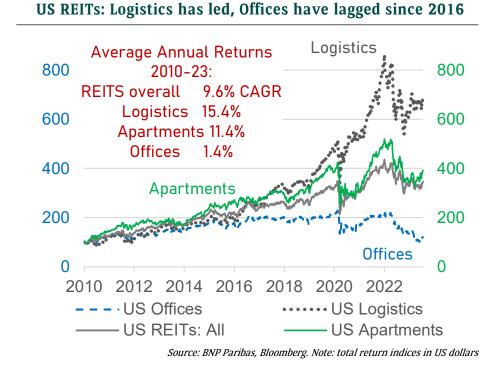
Source: BNP Paribas Real Estate

12. Global Listed Real Estate: US, Logistics Have Led since 2016

EVEN INCLUDING THE 2022-23 MARKET CORRECTION, LONG-TERM LISTED REAL ESTATE RETURNS HAVE BEEN STRONG



Source: BNP Paribas, Bloomberg. Note: total return indices in Euros







DISCLAIMER

BNP PARIBAS WEALTH MANAGEMENT CHIEF INVESTMENT ADVISOR (CIA) NETWORK

\checkmark

Edmund SHING Global Chief Investment Officer

ASIA BELGIUM

Prashant BHAYANI Chief Investment Officer

Grace TAM Chief Investment Advisor

Edouard DESBONNETS

Investment Advisor, Fixed Income

Chief Investment Advisor
Alain GERARD

Philippe GIJSELS

Senior Investment Advisor, Equities

Xavier TIMMERMANS Strategist Senior Investment, PRB

LUXEMBOURG FRANCE

Guy ERTZ Jean-Roland DESSARD Chief Investment Advisor Chief Investment Advisor

> Isabelle ENOS Senior Investment Advisor

ITALY GERMANY

Luca IANDIMARINO Stephan I Chief Investment Advisor Investme



Stephan KEMPER r Investment Strategist

Stefan MALY

This marketing document is provided by the Wealth Management business of BNP Paribas, a French public limited company with a capital of € 2,499,597,122, registered office 16 bd des Italiens 75009 Paris - France, registered at RCS Paris under number 662,042,449, authorised in France, under the number 662,042,449, approved in France by the Autorité des Marchés Financiers (AMF). As a marketing document, it has not been produced in accordance with regulatory constraints to ensure the independence of investment research and is not subject to the prior transaction ban. It hs not been submitted to the AMF or other market authority. This document is confidential and intended solely for use by BNP Paribas SA, BNP Paribas Wealth Management SA and companies of their Group ('BNP Paribas') and the persons to whom this document is issued. It may not be distributed, published, reproduced or revealed by recipients to other persons or reference to another document without the prior consent of BNP Paribas.

This document is for informational purposes only and does not constitute an offer or solicitation in any State or jurisdiction in which such offer or solicitation is not authorised, or with persons in respect of whom such offer, solicitation or sale is unlawful. It is not, and should under no circumstances be considered as a prospectus. The information provided has been obtained from public or non-public sources that can be considered to be reliable, and although all reasonable precautions have been taken to prepare this document, and, in the event of any reasonable precautions, the accuracy or omission of the document shall not be recognised. BNP Paribas does not certify and guarantees any planned or expected success, profit, return, performance, effect, effect or profit (whether from a legal, regulatory, tax, financial, accounting or other point of view) or the product or investment. Investors should not give excessive confidence in theoretical historical information relating to theoretical historical performance. This document may refer to historical performance; Past performance is not a guide to future performance.

The information contained in this document has been drafted without taking into account your personal situation, including your financial situation, risk profile and investment objectives. Before investing in a product, the investor must fully understand the risks, including any market risk associated with the issuer, the financial merits and the suitability of such products and consult its own legal, tax, financial and accounting advisers before making an investment decision. Any investor must fully understand the characteristics of the transaction and, if not otherwise provided, be financially able to bear the loss of his investment and want to accept such risk. The investor should remember that the value of an investment as well as the income from them may fall as well as rise and that past performance is not a guide to future performance. Any investment in a product described is subject to prior reading and to an understanding of the product documentation, in particular that which describes in detail the rights and duties of the investors and the risks inherent in an investment in that product. In the absence of any written provision, BNP Paribas does not act as an investor's financial adviser for its transactions.

The information, opinions or estimates contained in this document reflect the author's judgement on the day of his drafting; they must not be considered as authority or be substituted by anyone in the exercise of his or her own judgement and subject to change without notice. Neither BNP Paribas nor any BNP Paribas Group entity will be liable for any consequences that may arise from the use of the information, opinions or estimates contained in this document.

As a distributor of the products presented in this document, BNP Paribas may receive distribution fees on which you can obtain further information on specific request. BNP Paribas, its employees or Directors may hold positions in or relationship with their issuers.

By receiving this document you agree to be bound by the above limitations.

© BNP Paribas (2023). All rights reserved.

Pictures from Getty Images.