

Featured Speakers

Industry experts from BNP Paribas, EPRA and FTSE Russell. Download our presenters' biographies from this webinar's attachments section.



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Real Estate Barometer and general context



Euronext & EPRA: Real Estate Barometer









Real Estate Barometer & general context



As of Dec/21, the aggregated full market cap of all constituents in the FTSE EPRA Nareit Developed Europe Index was

EUR 357.4 Billion



As of end of 2021, there were 81 Real Estate issuers listed on Euronext's main markets (excluding MTFs and auction trading segments), valued at a combined c.

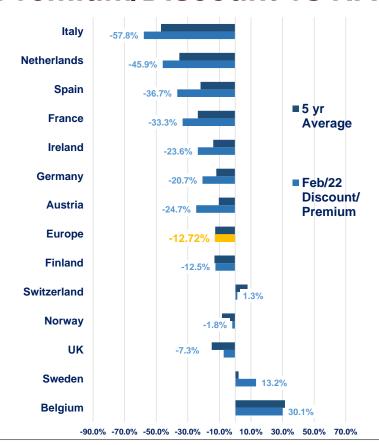
€146.4 billion

Source: FTSE Russell, EPRA and Euronext



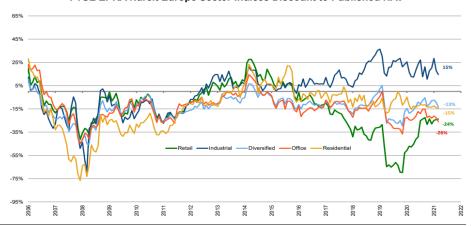
Premium/Discount vs NAV







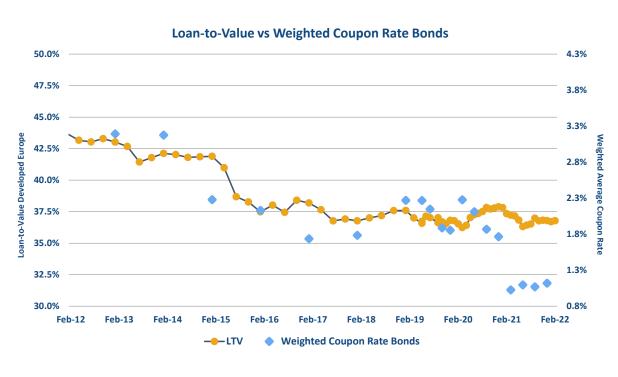
FTSE EPRA Nareit Europe Sector Indices Discount to Published NAV

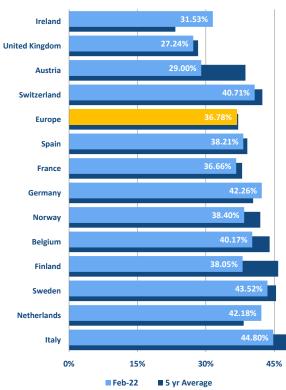




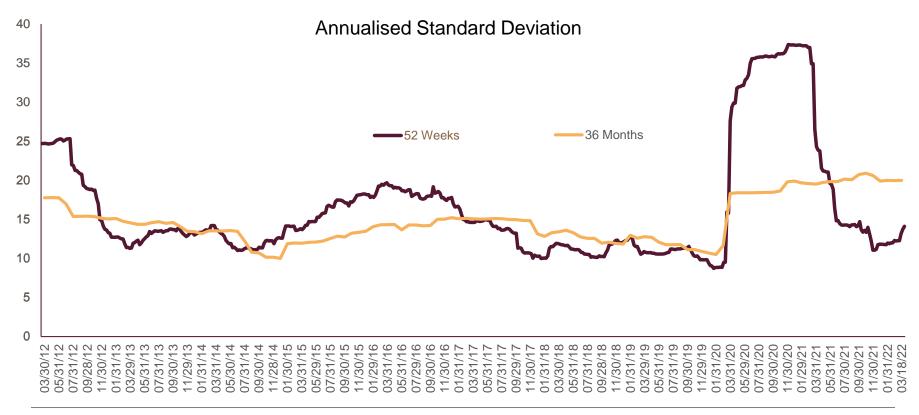


Loan to Value per country





FTSE EPRA Nareit Developed Europe Index: Volatility





Ali Zaidi Head of real assets research FTSE Russell

Index series: Comprehensive, modular, investable, transparent

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FTSE EPRA Nareit Global Real Estate Index Series

A comprehensive family of Global Real Estate focused indexes that can be used to track, benchmark and analyze the global real estate market at either a broad industry-wide level or on a sector-by-sector basis.

Built together with the European Public Real Estate Association (EPRA), the European association for listed real estate, and Nareit, the US-based association for REITs and publicly-traded real estate companies.

Comprehensive

Spans the entire commercial real estate sector of the global economy by including listed real estate stocks and REITs from all relevant investment and property sectors.

Modular

Property sector, regional, and specialist indexes are used to target more narrowly focused exposure to commercial real estate.

Investable

The indexes are free-float market cap weighted to ensure that only the investable opportunity set is included.

Screened to ensure that the indexes are liquid and tradable.

Transparent

Transparent, rules-based construction process is freely available on the FTSE Russell website.

FTSE International Limited is the Benchmark Administrator as defined by the IOSCO Principles for Financial Benchmarks published in July 2013

http://www.ftse.com/products/indices/epra-nareit

FTSE EPRA Nareit Global Real Estate Index Series Construction summary

Designed as a focused, relevant and investable global real estate index

Initial universe capture

Screen for relevant real estate activities

Screen for size & liquidity

Adjust for free float and foreign ownership limits

FTSE EPRA Nareit Global Real Estate Index Series

Must be a common stock traded in an eligible country and listed on an official stock exchange

Must be classified in ICB Supersector Real Estate, ICB Subsector Real Estate or ICB Subsector Home Construction

Cannot be structured as an LLP, LLC, LP, PTP, MLP or BDC

Must have derived at least 75% of total EBITDA from ownership, trading and development of income-producing real estate

Must provide at least annually in English an audited report including a current set of accounts with a profit and loss statement, a balance sheet, and directors' review Size thresholds for both new and continued membership are applied at each quarterly review (based on a percentage of their respective region's investable market cap)

Liquidity screen is conducted semiannually in March and September based on each security's monthly median daily trading volume Companies with a free float of 5% or below are excluded

Where foreign ownership limits (FOL) exist, if the FOL is more restrictive than the free float, the FOL is used in place of the free float for calculating the company's investability weight Divide index into subseries including developed/emerging, regional & local versions

Derive Specialist Series including Investment Focus, Property Sector, and Super Liquid

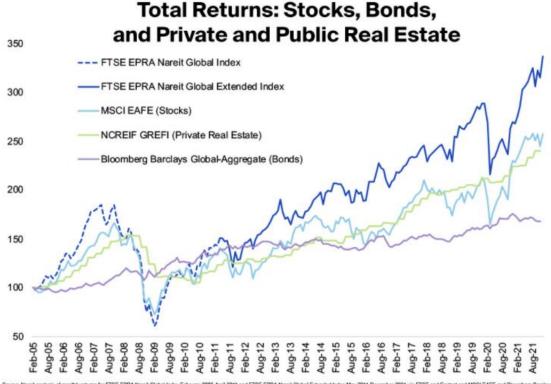
Reviewed quarterly in March, June, September and December

FTSE EPRA Nareit Global Index has outperformed Equities, Bonds and Private Real Estate

Emergence of high growth Real Estate sectors including Data Centres and Infrastructure REITs have added diversification to core sector exposure and enabled this at a global level.

Trends expected to continue in 2022 include Digitisation, Omnichannel Retail, Green RE and hybrid working.

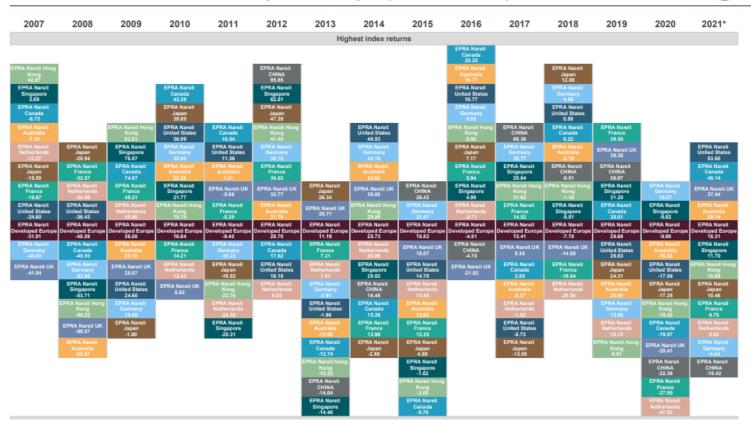
Inflation and hybrid working feature as the key emerging trends for global real estate.



curce: Namet analysis of monthly returns for FTSE EPRA Namet Global index February 2005-April 2011 and FTSE EPRA Namet Global Extended Index May 2011-December 2021 via FTSE and Factset and MSCI EAFE and Biocomberg Barciags elockal-Aggregate via Factset. Output ry returns for Norther Folder Red Estate Fund Index (GREFEI) util 2021-103.

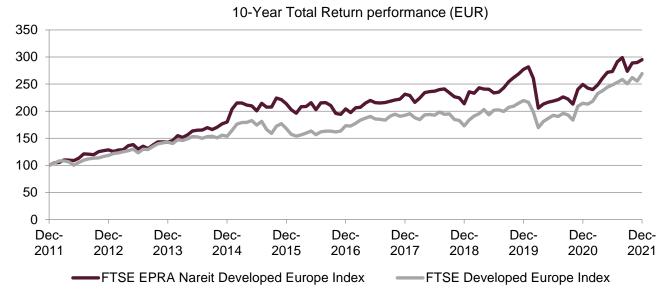


FTSE EPRA Nareit Developed Europe (Benchmark) - EUR



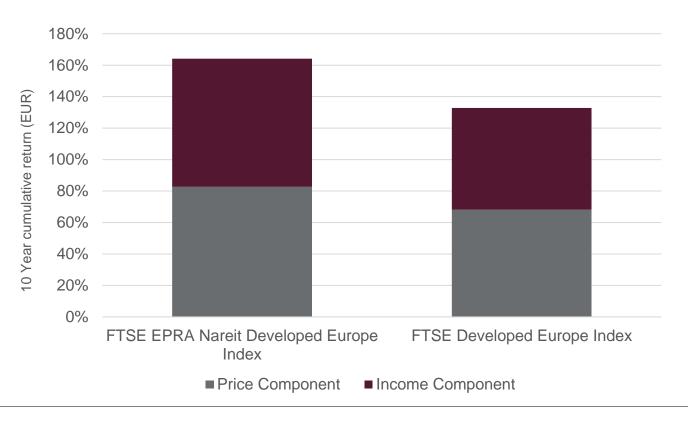
Index performance comparison:

FTSE EPRA Nareit Developed Europe Index & FTSE Developed Europe Index



Total Returns (EUR)	Cumulative Return (%)				Annualised Return (%)		
Index	3M	6M	YTD	1Y	3Y	5Y	10Y
FTSE EPRA Nareit Developed Europe Index	-4.1	-7.1	-5.9	15.8	6.0	6.1	10.2
FTSE Developed Europe Index	-1.2	-2.4	-6.3	15.5	9.7	7.3	8.8

10-year cumulative total return split between the price component and the income component



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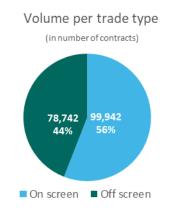




Matthieu Courtois Senior ETF and Delta One trader BNP Paribas

Euronext FTSE EPRA NAREIT Developed Europe Index Future

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17 active members in 2021



Expert Market Makers

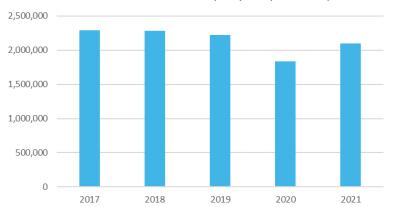






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Matthieu Courtois
Senior ETF and Delta
One trader

BNP Paribas



David Moreno, CFA
Research & Indexes:
Indexes Manager

EPRA



Ali Zaidi Head of real assets research