

# Momentum Think Tank Conference

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20 September 2023

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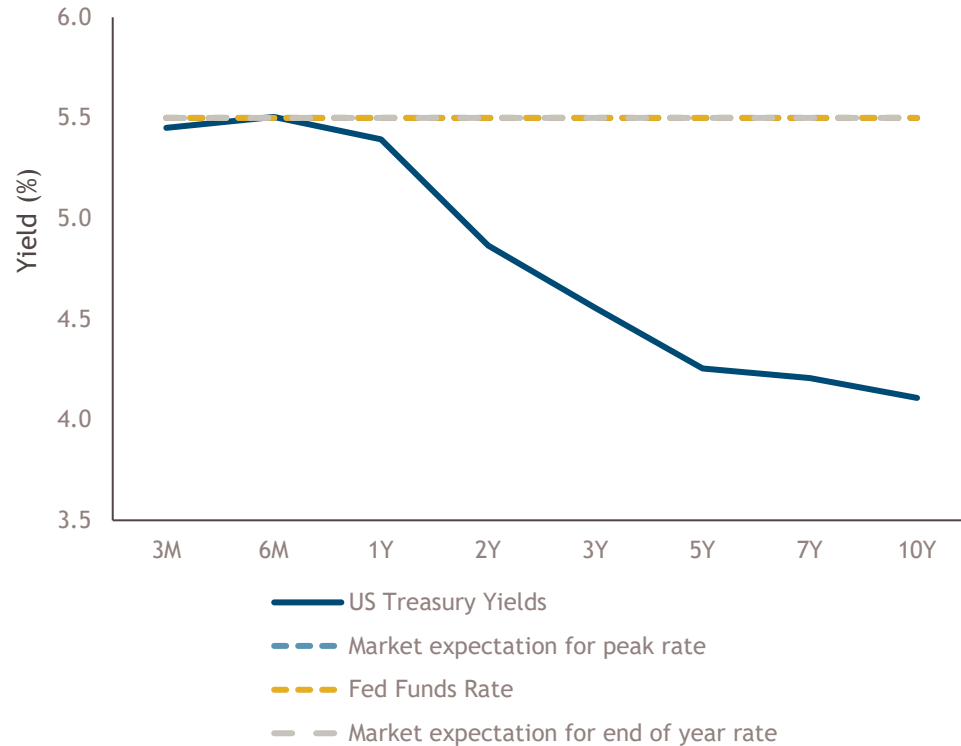
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*Muzinich & Co*

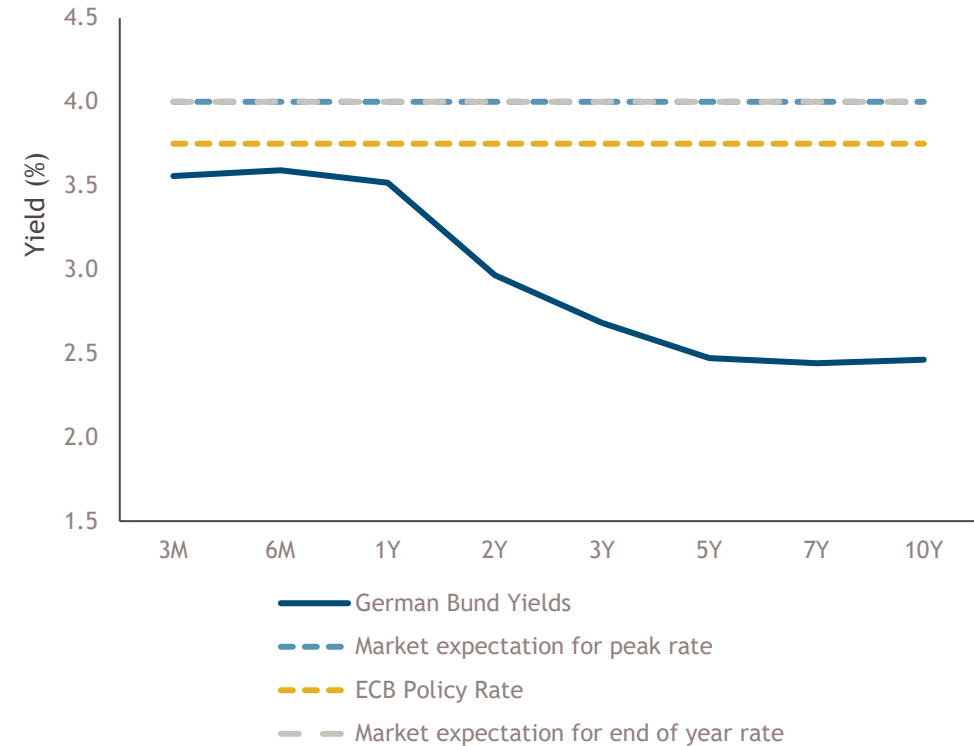
- What rates curves signal about rate cuts
- The benefits of short duration in a raising rate environment
- US and European investment grade markets - divergence
- Active vs. passive management

# Rate Curves have Inverted, Anticipating Rate Cuts in the US and Europe

US Treasury Yield Curve - August 2023:



German Bund Yield Curve - August 2023:



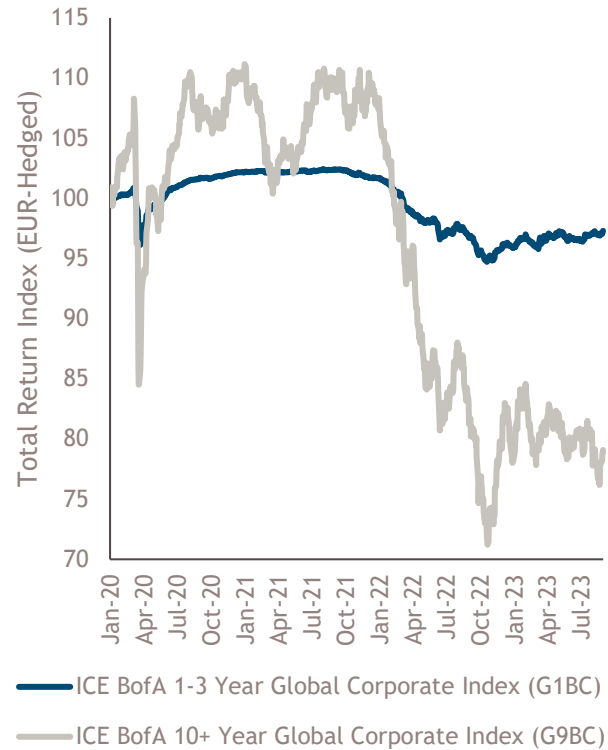
- The shape of the rates curve(s) will be affected by how much further policy rates rise and, importantly, how long they are maintained at those levels
- The market is currently pricing two divergent paths in terms of policy rates from the Fed and ECB over 2023

# Why Own Short Duration Bonds in a Rising Rate Environment?

We view the benefits of short duration bonds as;

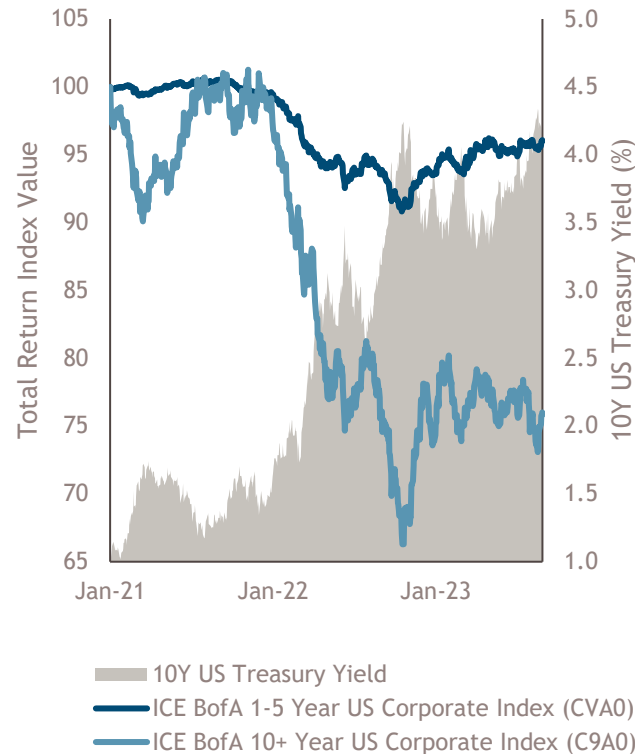
## Lower volatility

Example: global investment grade corporates cumulative return<sup>1</sup>



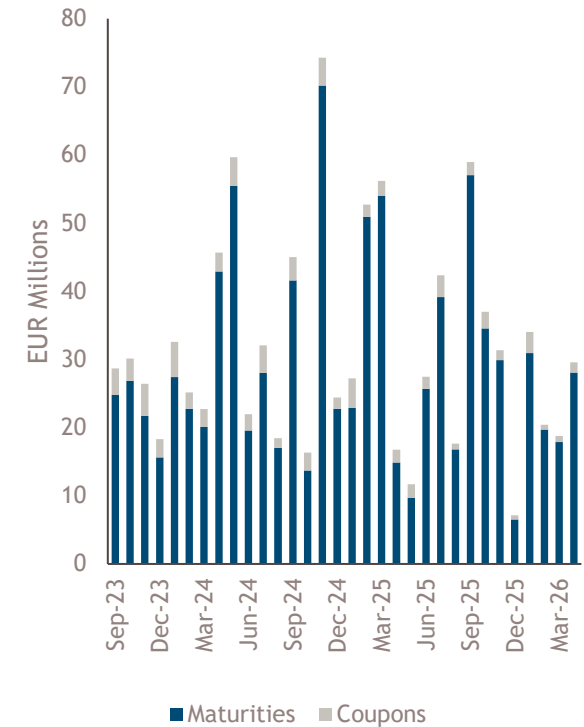
## Less sensitivity to rising rates

Price performance of short vs long dated corporates with rising rates<sup>2</sup>



## Frequent maturities allow steady reinvestment at higher yields

Muzinich Global Short Duration Investment Grade Fund cash flow profile (€m)<sup>3</sup>

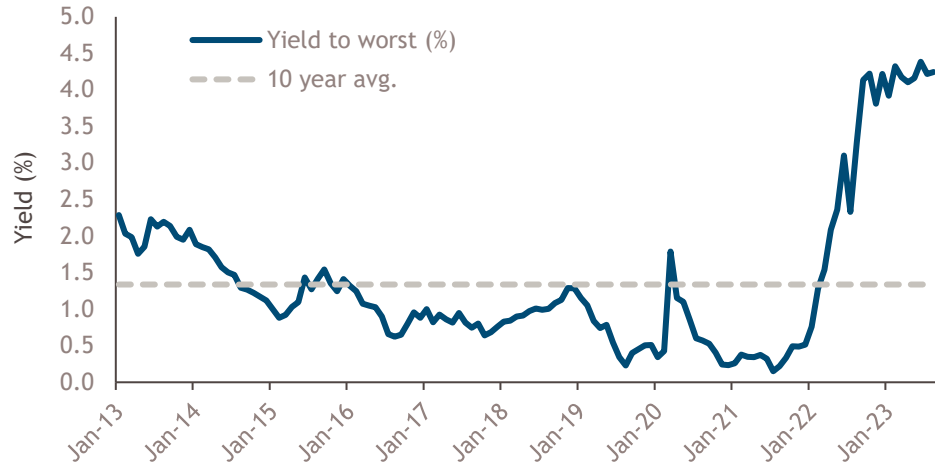


**Past performance is not a reliable indicator of current or future results.**

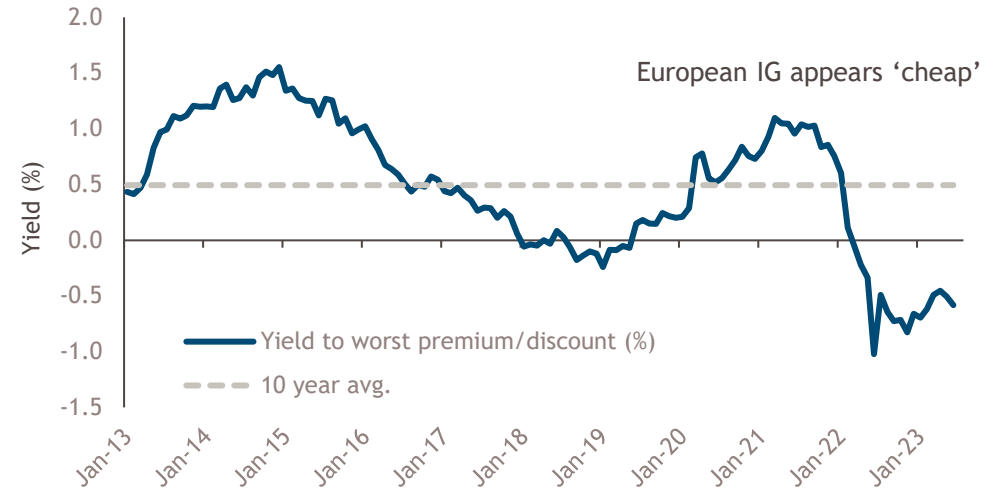
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# Historic Yields in US and European Investment Grade Markets

## European Investment Grade (IG):



## Yield premium/discount - US and European Investment Grade:



## US Investment Grade (IG):

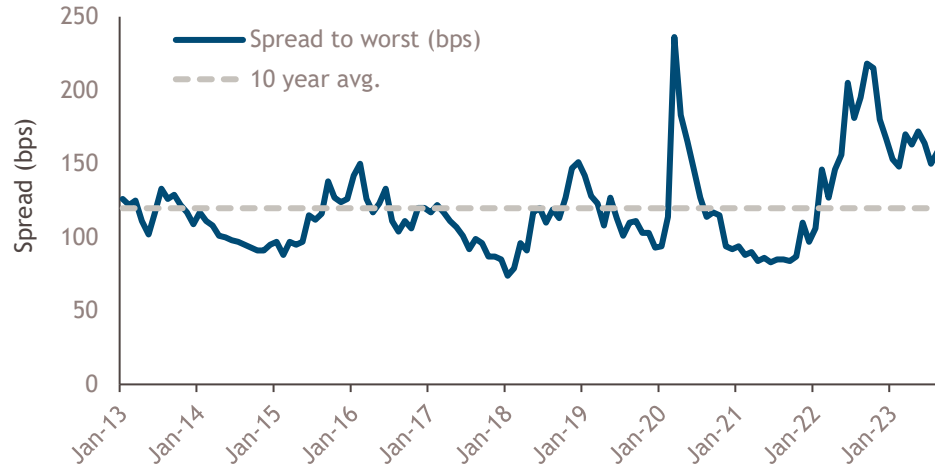


## Comments:

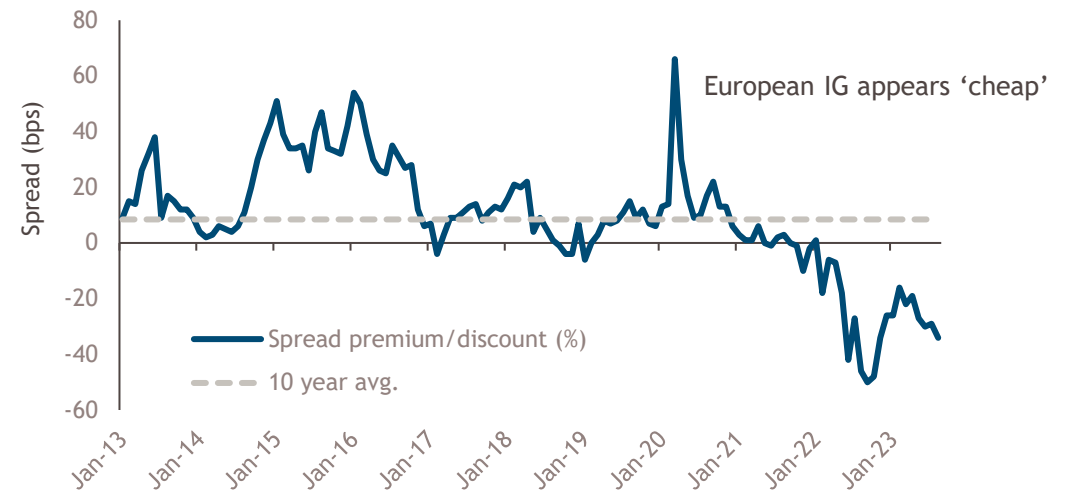
- European Investment Grade currently looks 'cheap' versus US Investment Grade on a spread and yield basis.
- This reflects several factors including (i) demand for US Investment Grade ahead of anticipated rate cuts; and (ii) a continued European premium reflecting the Russia-Ukraine conflict.

# Historic Credit Spreads in US and European Investment Grade Markets

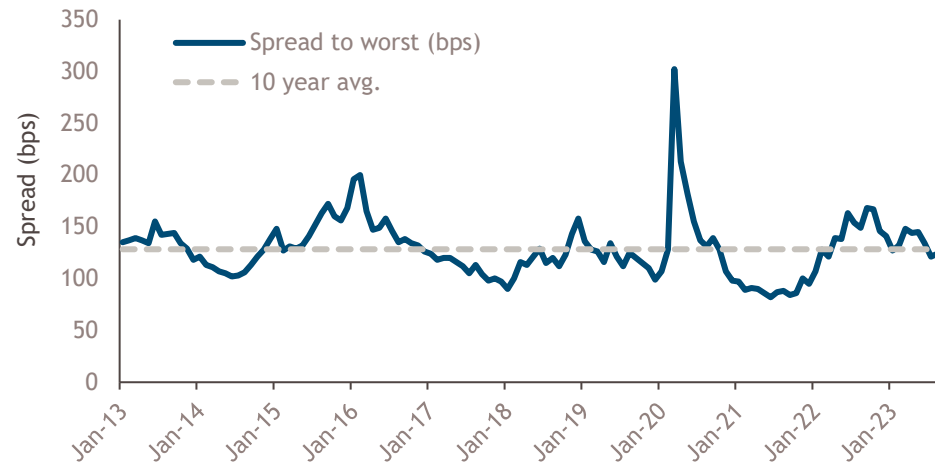
## European Investment Grade (IG):



## Spread premium/discount - US and European Investment Grade:



## US Investment Grade (IG):

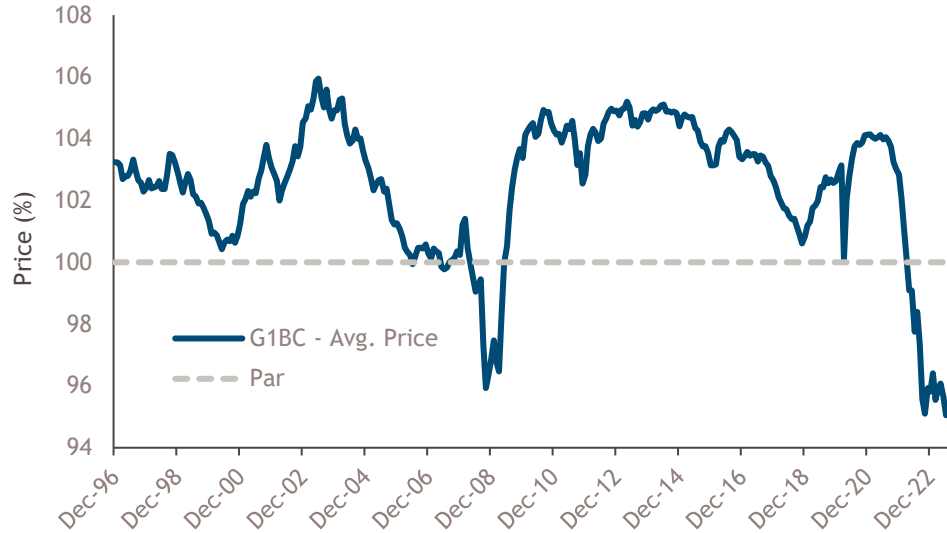


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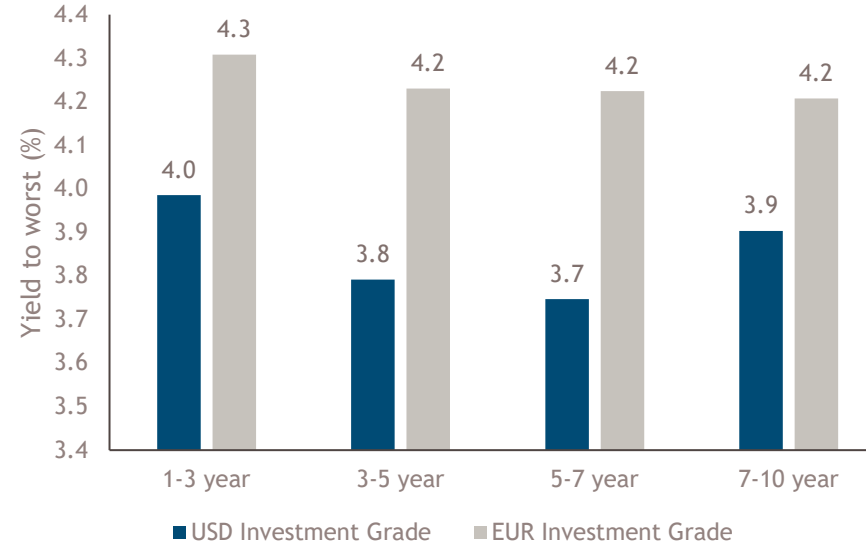
- European Investment Grade currently looks 'cheap' versus US Investment Grade on a spread and yield basis.
- This reflects several factors including (i) demand for US Investment Grade ahead of anticipated rate cuts; and (ii) a continued European premium reflecting the Russia-Ukraine conflict.

# The Appeal of Short-Dated Bonds in the Current Environment

Short-dated bonds don't tend to trade below par often, or for very long:



Yield curves are relatively flat, offering a premium in shorter-dated bonds:

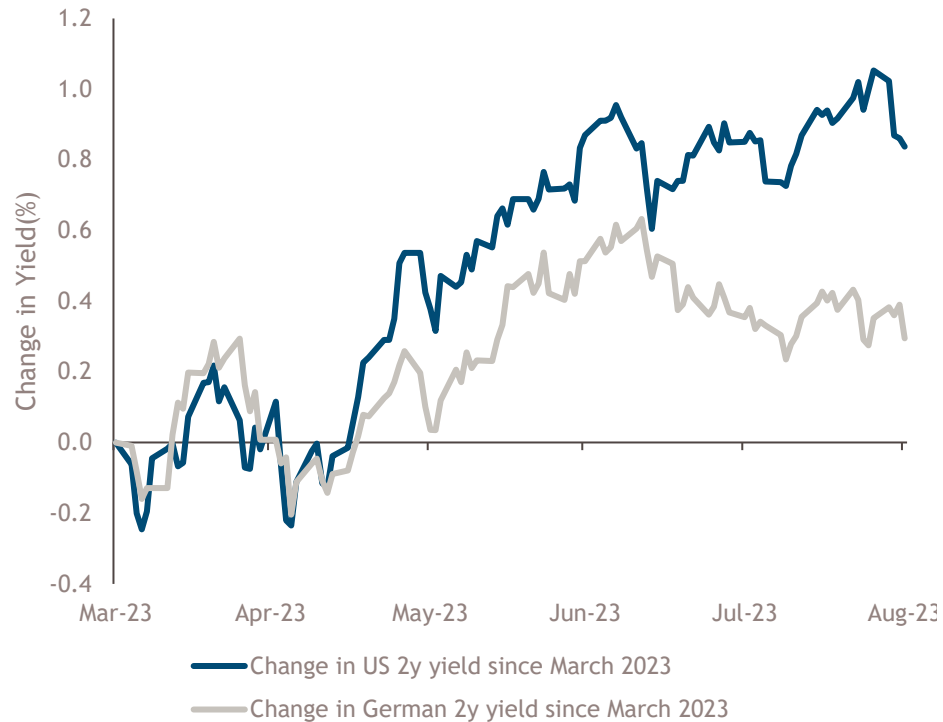


- Short dated credit benefits from the pull-to-par effect
- Shorter duration bonds tend to be less affected by changes in interest rates
- Investors can have greater visibility around repayment of bonds, given the shorter time to maturity
- We believe that ongoing rates uncertainty could continue to drive volatility in longer duration bonds
- The self-maturing nature of a short-dated bond portfolio is beneficial in periods of low liquidity and high trading costs

Source: ICE Index Platform and Bloomberg data as of 31<sup>st</sup> August, 2023. G1BC: ICE BofA 1-3 Year Global Corporate Index. EUR IG: ICE BofA Euro Corporate Index (ER00). USD IG: ICE BofA US Corporate Index (COA0). Yields shown in the right hand graph are EUR-hedged. USD figures are hedged using the Bloomberg USDEUR 12 Month Hedging Cost Index (FXHCUE12). Muzinich views and opinion for illustrative purposes only, not to be construed as investment advice.

Chart 1: Duration

Divergence seen in US and European short-term rates, driven by various factors



Sources:

Chart 1: Bloomberg, USGG2YR Index and GDBR2 Index. Data as of August 31<sup>st</sup>, 2023.

Chart 2: ICE Index Platform. Data as of August 31<sup>st</sup>, 2023. ICE BofA BB-B US Cash Pay High Yield Index (J0A4); ICE BofA US Corp BBB 3-5yr Index (C2A4); ICE BofA BB-B Euro High Yield Index (HE40); ICE BofA 3-5 Year BBB Euro Corporate Index (ER42).

For illustrative purposes only, not to be construed as investment advice.

Chart 2: Credit Quality

Yield premium in High Yield supports a rotation into higher quality credit

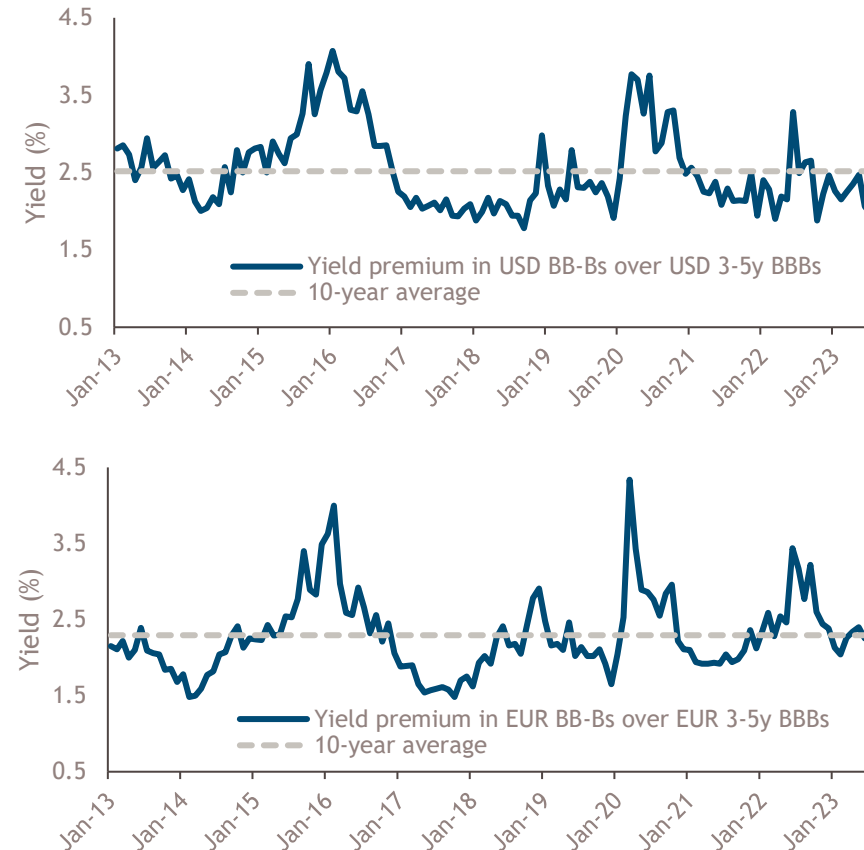




Chart 1: Emerging Markets

No obvious spread premium in Emerging Markets - need to be selective here

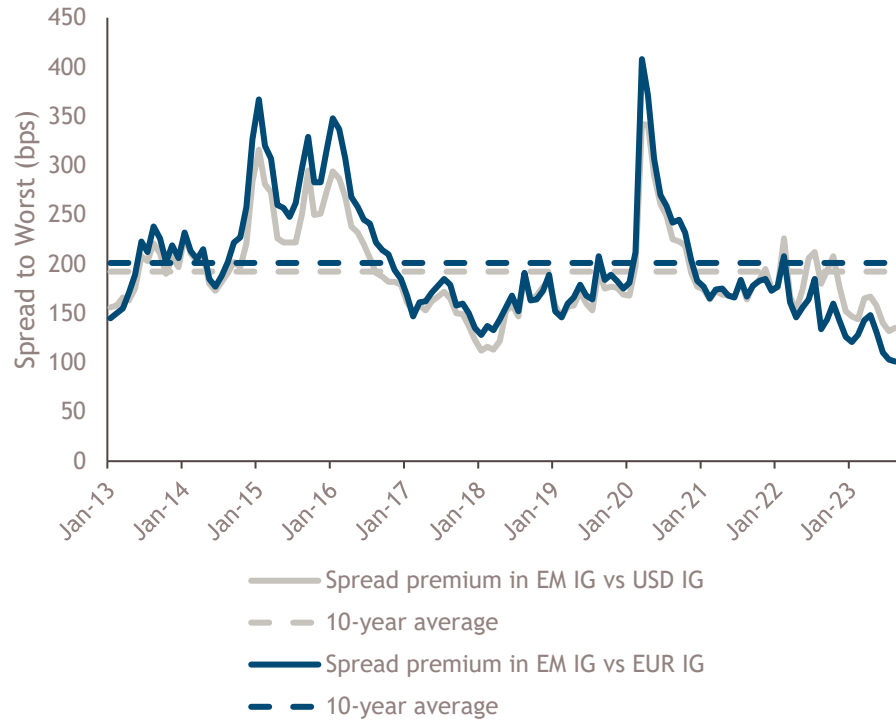
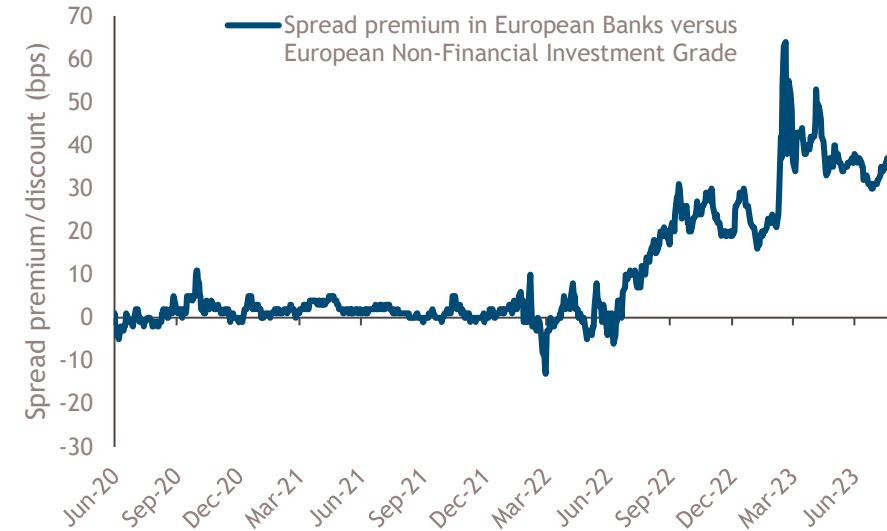


Chart 2: Financials versus Corporates

Significant premium in European Banks despite apparent containment of Credit Suisse crisis



Sources:

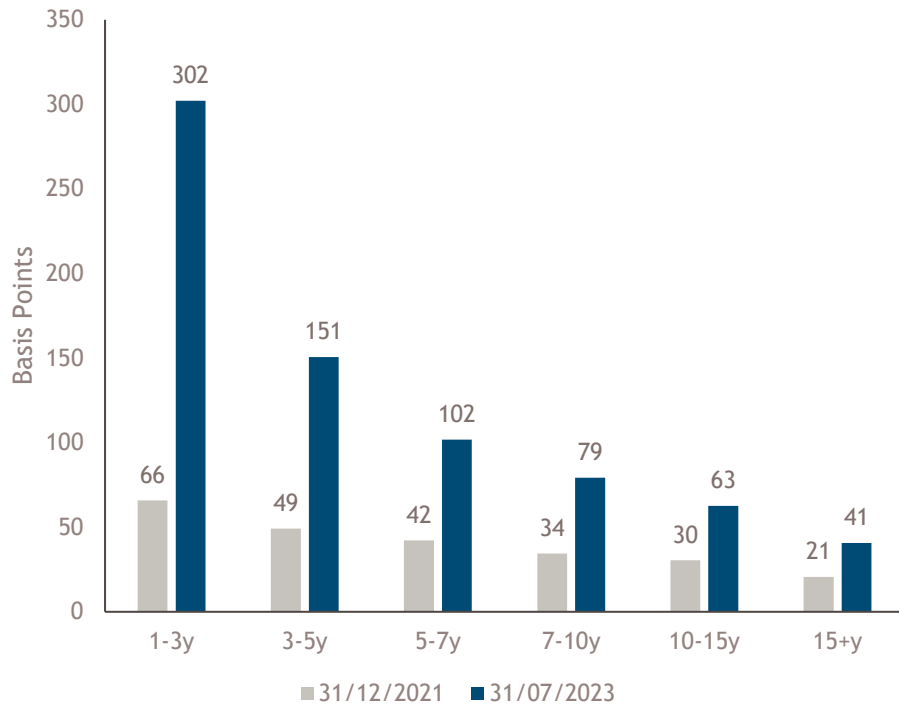
Chart 1: ICE Index Platform. Data as of August 31<sup>st</sup>, 2023. ICE BofA US Corporate Index (COA0); ICE BofA European Corporate Index (ER00); ICE BofA US Emerging Markets Liquid Corporate Plus Index (EMCL)

Chart 2: ICE Index Platform. Data as of August 31<sup>st</sup>, 2023. ICE BofA Euro Non-Financial Index (EN00); ICE BofA Euro Financial Index (EB00)

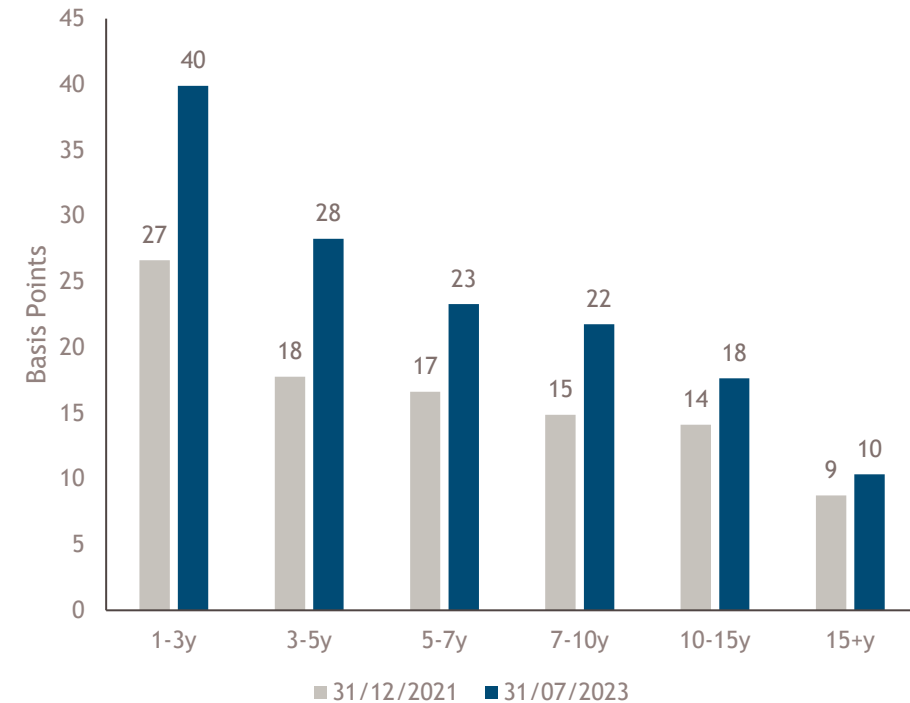
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# Breakeven Returns Have Increased Substantially, Particularly in Short Duration

### US IG Total Return Breakeven



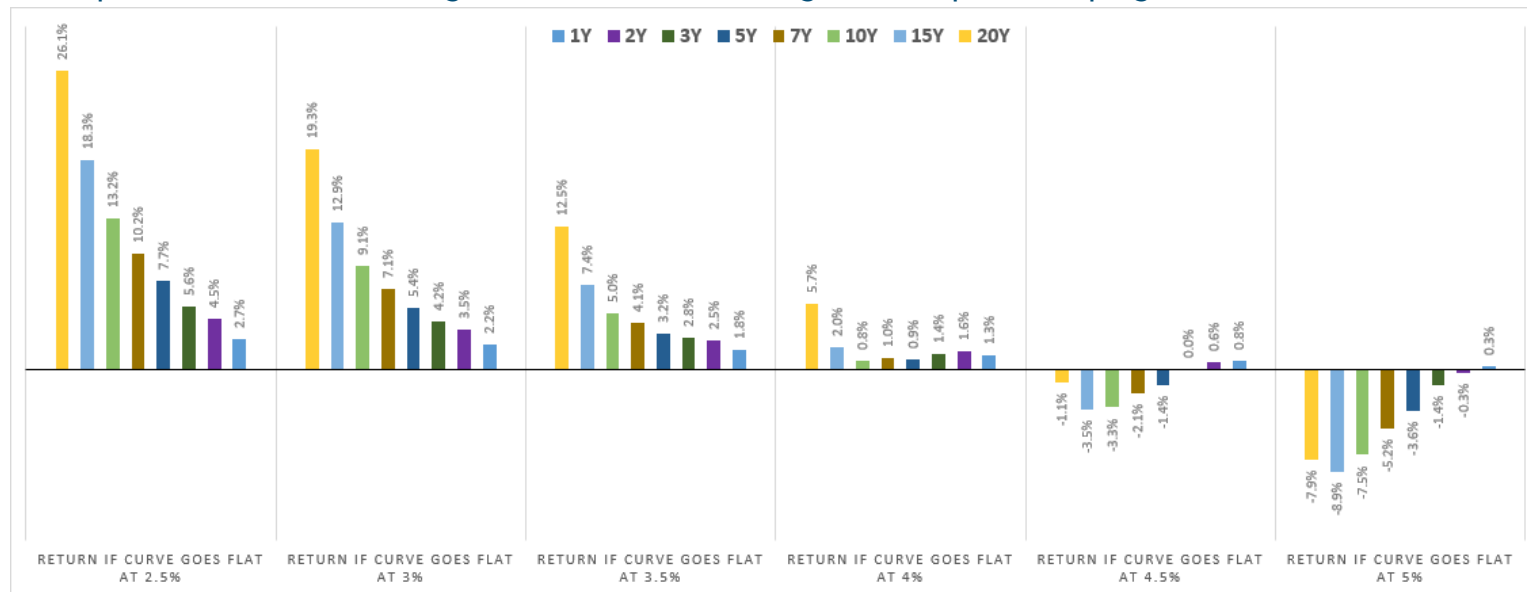
### US IG Excess Return Breakeven



Source: ICE Index Platform, data as of July 31<sup>st</sup>, 2023. ICE BofA 1-3 Year US Corporate Index (C1A0), ICE BofA 3-5 Year US Corporate Index (C2A0), ICE BofA 5-7 Year US Corporate Index (C3A0), ICE BofA 7-10 Year US Corporate Index (C4A0), ICE BofA 10-15 Year US Corporate Index (C7A0), ICE BofA 15+ Year US Corporate Index (C8A0). Muzinich views and opinion for illustrative purposes only, not to be construed as investment advice. Indices selected as best available proxy to measure relative performance of IG classes. Index performance is for illustrative purposes only. You cannot invest directly in the index.

# The Opportunity in Short End Rates

Assumption: the US curve will go flat before normalising into an upward sloping curve



- Conclusion: if the US curve next flattens at 3.5% or below, there is most likely a case for longer rates exposure

Tenor	Current Yield (%)	Duration	Return if curve goes flat at 5%	Return if curve goes flat at 4.5%	Return if curve goes flat at 4%	Return if curve goes flat at 3.5%	Return if curve goes flat at 3%	Return if curve goes flat at 2.5%
1Y	5.4%	0.95	0.3%	0.8%	1.3%	1.8%	2.2%	2.7%
2Y	4.8%	1.91	-0.3%	0.6%	1.6%	2.5%	3.5%	4.5%
3Y	4.5%	2.77	-1.4%	0.0%	1.4%	2.8%	4.2%	5.6%
5Y	4.2%	4.54	-3.6%	-1.4%	0.9%	3.2%	5.4%	7.7%
7Y	4.2%	6.14	-5.2%	-2.1%	1.0%	4.1%	7.1%	10.2%
10Y	4.1%	8.28	-7.5%	-3.3%	0.8%	5.0%	9.1%	13.2%
15Y	4.2%	10.91	-8.9%	-3.5%	2.0%	7.4%	12.9%	18.3%
20Y	4.4%	13.61	-7.9%	-1.1%	5.7%	12.5%	19.3%	26.1%

Source: Muzinich as of July 31<sup>st</sup>, 2023. The views and opinions expressed should not be construed as an offer to buy or sell or invitation to engage in any investment activity, they are for information purposes only, are as of the date of publication and are subject to change without reference or notification. The figures shown relate to past performance. Past performance is not a reliable indicator of current or future results and should not be the sole factor of consideration when selecting a product or strategy. Forecasts mentioned are not a reliable indicator of future results and should not be the sole factor of consideration when selecting a product or strategy.

## Yield to Worst or Yield to Best?

Yield to Worst calculation assumptions may underestimate the potential realised return for bond investors.

### The Power of Pull to Par

Issuers refinance usually at least one year before the bond maturity to reduce risk around market access: this could lead to a higher total return than the yield to worst.

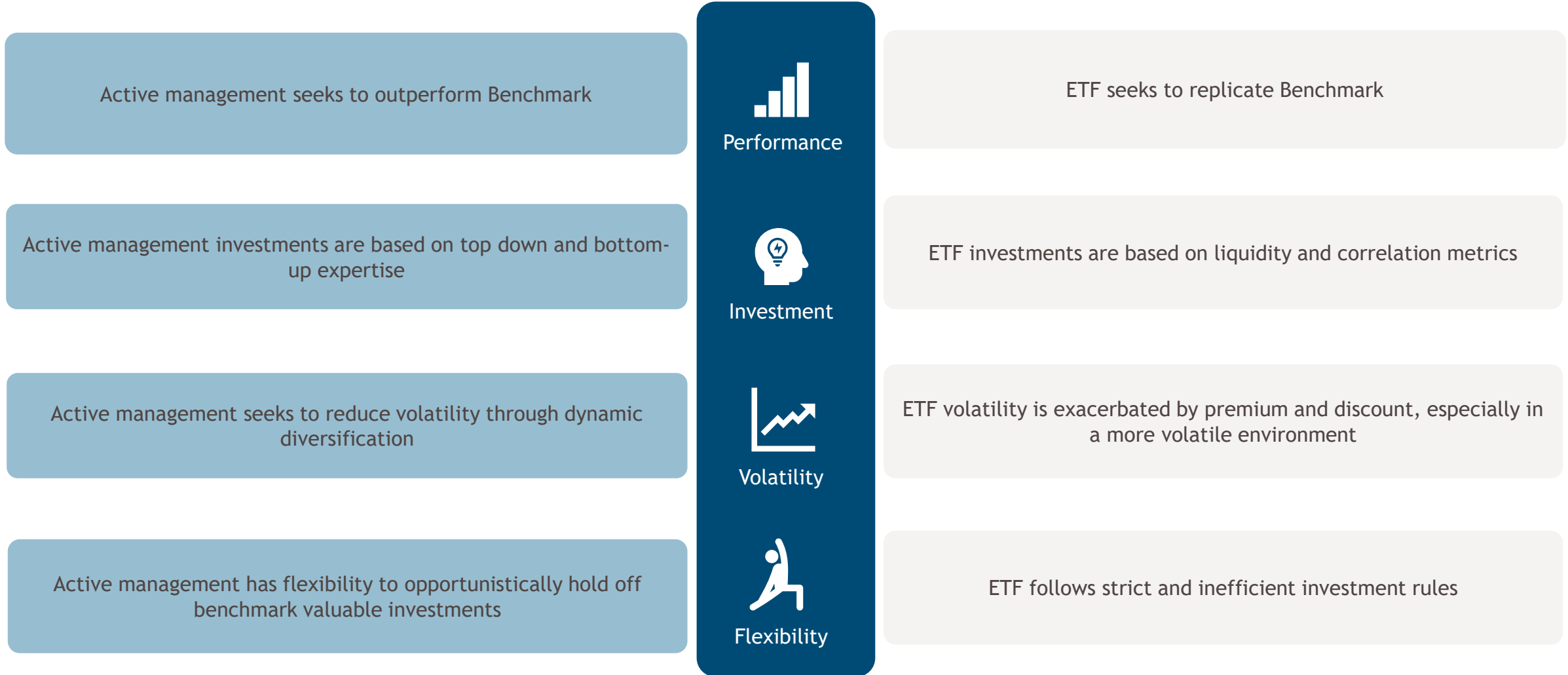
When the price of callable bonds is below 100, the yield to worst is equivalent to the yield to maturity since the call option is out of the money.

#### Example Callable Industrials Company Bond

Rating	B1/B+
Maturity	July 15 <sup>th</sup> , 2025
Price	96
Coupon	2.00%

Yield to	Date	Price	Yield
1 Year Before Maturity	15/07/2024	100	4.79
Maturity, Worst	15/07/2025	100	3.35

# Active vs Passive Management



### Credit Risk

Issuers of bonds, loans and other fixed income investments (“Investments”) held in the portfolio may default on their obligations or have their credit rating downgraded, possibly resulting in a temporary or permanent decrease in the value of those Investments. Investments in the portfolio may be below investment grade, meaning that they may produce a higher level of income but also carry greater risk of default than higher-rated Investments.

### Liquidity Risk

The Fund may face difficulties in purchasing or selling its assets, although it endeavors to invest in liquid securities.

### Interest Rate Risk

Fixed-rate bonds held in the Fund may fall in price with an increase in the prevailing level of interest rates in the economy. This risk usually decreases for bonds of lower rating and shorter duration-to-worst.

### Currency Risk

Fluctuations in exchange rates may cause the value of your currencies other than the one in which the unit class is denominated. Although the Manager endeavors to protect the Fund against currency risk, such hedging, achieved through derivative instruments (see “Derivative Risk” below), is at the Manager’s discretion and it may not be possible or practical to protect the Fund or individual unit classes against all currency risk.

### Derivative Risk

The Fund may use derivative instruments to protect against perceived risks as described under the other headings in this section. Derivative instruments may rise or fall in price or may be subject to risk of non-payment or non-delivery by a counterparty. There is no guarantee that derivatives will provide the anticipated protection.

### Operational Risk

Operational processes, including those relating to the safekeeping of assets, may fail, resulting in losses.

Additional information about these and other risks may be found in the prospectus and supplement for the Fund, both of which are available at [www.muzinich.com](http://www.muzinich.com).

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The prices of fixed income securities fluctuate in response to perceptions of the issuer's creditworthiness and also tend to vary inversely with market interest rates. The value of such securities is likely to decline in times of rising interest rates. Conversely, when rates fall, the value of these investments is likely to rise. Typically, the longer the time to maturity the greater are such variations. A Fund investing in fixed income securities will be subject to credit risk (i.e. the risk that an issuer of securities will be unable or unwilling to pay principal and interest when due, or that the value of a security will suffer because investors believe the issuer is less able or willing to pay).

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**Muzinich & Co., Inc.**  
New York

450 Park Avenue  
New York  
NY 10022, U.S.A  
+1 212 888 3413

**Muzinich & Co. (Ireland)  
Limited**  
Madrid Branch

Paseo Eduardo Dato  
18 28010 Madrid  
Spain  
+34 91 084 8895

**Muzinich & Co., Inc.**  
Palm Beach (Florida)

230, Royal Palm Way  
Suite 303  
Palm Beach, Florida 33480  
+1 561 619 5470

**Muzinich & Co., (Japan) Pte.  
Limited**  
Japan

Level 3, Marunouchi Nijubashi Building  
2-2, Marunouchi 3-chome Chiyoda-ku  
Tokyo 100-0005 Japan  
+81 3 6632 7535

**Muzinich & Co. (Ireland)  
Limited**  
Frankfurt Branch

Neue Mainzer Strasse 20  
60311 Frankfurt am Main  
Germany  
+49 (69) 153 25 70 0

**Muzinich & Co. Limited**  
Manchester

No. 1 Spinningfields  
Quay Street  
Manchester, M3 3JE, UK  
+44 (0) 161 509 1560

**Muzinich & Co.  
(Switzerland) AG**  
Zurich

Tödistrasse 5  
8002 Zurich  
Switzerland  
+41 (0) 44 218 14 14

**Muzinich & Co. Limited**  
London

8 Hanover Street  
London  
W1S 1YQ, UK  
+44 (0) 207 612 8755

**Muzinich & Co. (Ireland)  
Limited**  
Milan Branch

Via Senato 12  
20121 Milan  
Italy  
+39 02 8342 7300

**Muzinich & Co. Limited**  
Sydney

Suite 30.2  
Governor Macquarie Tower  
1 Farrer Place  
Sydney, NSW, 2000

**Muzinich & Co. (Ireland)  
Limited**  
Dublin

5th Floor Kildress House,  
Pembroke Row  
Dublin 2  
Ireland  
+353 (1) 683 4300

**Muzinich & Co. (Ireland)  
Limited**  
Paris Branch

37/39 Avenue de Friedland  
75008 Paris  
France  
+33 (0) 1 7306 3700

**Muzinich & Co.  
(Singapore) Pte. Limited**  
Hong Kong - Rep Office

One International Finance Centre  
1 Harbour View Street  
Central, Hong Kong  
+852 3899 6640

**Muzinich & Co.  
(Switzerland) AG**  
Geneva

Passage des Lions, 6  
1204 Geneva  
Switzerland  
+41 (0) 22 545 17 00

**Muzinich & Co.  
(Singapore) Pte. Limited**  
Singapore

Six Battery Road  
#26-05 Singapore  
049909  
+65 6983-7200

**Muzinich & Co. SGR S.p.A**  
Milan

5<sup>th</sup> Floor Via Senato 12  
20121 Milan  
Italy  
+39 02 0068 5170



email: [info@muzinich.com](mailto:info@muzinich.com)



web: [www.muzinich.com](http://www.muzinich.com)