

INVESTMENT MANAGEMENT Morgan Stanley

For Professional Clients Only

## Protecting Capital in a Rising Rates Environment

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EMEA/CAC 14/Byz/12/14/15/21/21/14/15

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## Tracking Performance Across Assets (2015)

Asset Performance in 2015  
Returns Through October 30, 2015

Asset	Return (%)
Japan Nikkei 225	+11.1%
Dollar Index	+10.4%
Italy 10yr gov. bonds	+9.4%
MSCI developed equities	+8.4%
MS Euro HY Corporate	+8.0%
JPMi Emerging EM Cash	+7.9%
US 5yr T-Bill	+7.1%
Spain 10yr gov. bonds	+6.9%
US 10 year Treasury	+6.8%
MS US Holdings Index	+6.5%
S&P/500 Leveraged Loan Index	+6.5%
Japan 10yr gov. bonds	+6.2%
Germany 10y Bund	+6.2%
UK 10yr gov. bonds	+6.1%
Barclay US IG Corp	+6.1%
MS US HY	+5.8%
Barclay Euro IG Corp	+5.8%
JPMi US LEQ	+5.8%
MSCI emerging equities	+5.8%
MSCI Asia ex Japan	+5.8%
Gold	+5.8%
EUR vs USD	+5.8%
OSCI soft commodities	+5.8%
JPMi Local EM Cash	+5.8%
Brent crude oil	-10.4%
Copper	-10.4%

Source: Thomson Reuters DataStream

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## 10 Year UK Government Bond yields

Source: Barclays, Data as of October 30, 2015

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## Sterling Investment Grade Spread

Source: Barclays, Data as of October 30, 2015

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## Assumptions and Risks

- The Fed to proceed gradually and the ECB to continue QE (monetary conditions to remain easy)
- Currencies are the Central Bankers transmission mechanism to meet goals
- Developed country economic expansion to continue
- Inflationary forces to remain muted but not go away
- Emerging markets to remain volatile (including China) amidst rebalancing
- China will not turn into systemic risk factor, nor will commodity prices implode
- Volatility to continue!

Source: Morgan Stanley Investment Management, as of October 30, 2015  
The views, opinions, forecasts and estimates expressed are those of the portfolio management team as at the time of writing, may not necessarily come to pass, are subject to change based on market, economic and other conditions, and do not necessarily represent those of Morgan Stanley Investment Management Limited.

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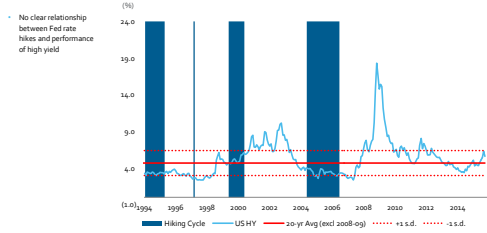
## Opportunities

- Economically sensitive assets to outperform
- Government bonds in core countries in broad yield range, need to tactically trade
- Satellite countries (NZ, Australia, Spain, Hungary) better value than core
- IG and HY selectively attractive
- EM will struggle to outperform; external better than local
- Convertibles on compression in risk premium
- USD strength (if Fed hikes)

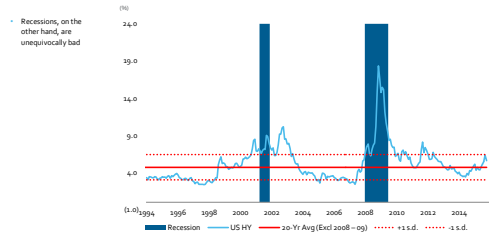
Source: Morgan Stanley Investment Management, as of October 30, 2015

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### U.S. High Yield Spread

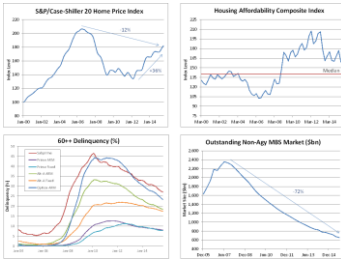


### U.S. High Yield Spread (cont'd)



### U.S. Non-Agency RMBS Fundamentals Improving

- Home prices measured by Case-Shiller have risen 36% from the trough in 2012, but remain 12% below their peak in 2006.
- Home affordability remains above the historic median, giving home prices potential room to increase.
- Mortgage delinquencies across all non-agency sectors continue to decline due to rising home prices and an improving economy.
- Outstanding non-agency RMBS has declined by more than two-thirds at the end of 2014 from the peak reached in 2007, and will continue to shrink – a strong technical factor supporting the sector.



### Why Unconstrained Fixed Income?

We believe three factors are contributing to a climate change in the fixed income market

- We believe the time has come to think differently about fixed income
  - The bond market climate has changed and the ability to respond to rate change will be crucial
  - An unconstrained strategy offers a broad range of potential investment opportunities without the limitations of tracking a benchmark
- The 30-year bull market has ended**
    - Falling rates used to provide a cushion of returns
    - Risk of higher rates generating negative returns needs to be mitigated
    - Today's low yields mean a new strategy is required
  - The environment has changed**
    - Post the crisis, dealer inventory and liquidity have been reduced
    - Very large funds now have fewer investment opportunities
    - We believe you need to be "right sized" to execute on a broad range of trades
  - The time to be passive has passed**
    - With low yields and limited potential capital gains, a passive approach is sub-optimal
    - An active approach, with a focus on capital preservation and using a broad range of instruments is preferred

### Comparing Unconstrained to Traditional Fixed Income

	Traditional Fixed Income	Unconstrained Fixed Income	Alternative Fixed Income
Objective	Excess return	Total return	Absolute return
Benchmark Awareness	Benchmark sensitive	Benchmark agnostic	Benchmark agnostic
Risk Neutral Point	Benchmark	Benchmark/Cash	Cash
Interest Rate Profile	Benchmark +/-	Long	Long/Short
Credit/Spread Risk	Benchmark +/-	Long	Long/Short
Currency Risk	Zero to modestly long or short	Active	Active
Hedging	Manage risk vs. benchmark	Isolate Beta & Alpha opportunities	Isolate Beta & Alpha opportunities
Risk Management Focus	Tracking error	Absolute volatility (standard deviation)	Absolute volatility and drawdown
Instruments	Bonds, select derivatives, no leverage	Bonds, active use of derivatives, no leverage	Bonds, derivatives as a strategy, leverage

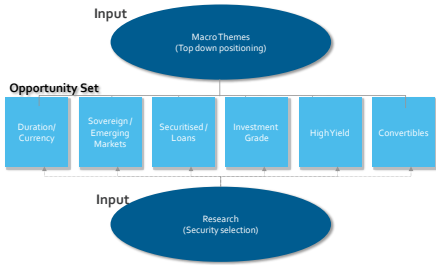
### A 'Go Anywhere' Global Fixed Income Approach

- Flexibility to own the best sectors across the whole spectrum of fixed income
- Active asset allocation through the cycle
- Diversification
- Capital preservation over the medium term (annual)
- Attractive return relative to expectations
- Index agnostic



Asset Allocation does not protect an investor against a loss in a particular market, however it allows an investor to spread that risk across various asset classes.

### Strategy Go Anywhere – Top Down Approach



### MS INVF Global Fixed Income Opportunities Fund As of October 30<sup>th</sup>, 2015

	Effective Duration	Spread Duration	Option Adjusted Spread	Yield to Maturity	Standard Deviation
Portfolio Summary	2.59	3.82	344	4.35	5.16
Sector					NAV %
Credit					42.3
Investment Grade Credit					13.5
Emerging Markets Corporate Debt					1.5
High Yield Credit					21.7
Convertible Bonds					5.5
Securitized					30.2
Government Bonds					25.5
G4 <sup>1</sup> long-dated bonds					4.8
Other Developed Market Governments					10.1
Emerging Markets E-Local Debt					3.5
Emerging Markets Local Currency Debt					7.1
Cash					2.0

<sup>1</sup> Consists of government bonds from US, UK, Germany and Japan

Source: Morgan Stanley Investment Management

1. This information reflects the views of the portfolio management team. These views may change without notice as circumstances or market conditions change. All information is provided for informational purposes only and should not be construed as a recommendation to purchase or sell the securities mentioned.  
 2. Application for shares in any Morgan Stanley DVMF should not be made to those first consulting the current Prospectus, Key Investor Information Document ("KIID"), Annual Report and Semi-Annual Report ("Offering Document"), or other documents available on your local jurisdiction.

### Glossary of Key Terms

**Alpha** - The difference between the Fund and Benchmark position on risk metric

**Convexity** - The excess return of the fund relative to the return of the benchmark index is a fund's alpha.

**Conveyance** - A measure of the sensitivity in the relationship between bond prices and bond yields that demonstrates how the duration of a bond changes as the interest rate changes. Convexity is used as a risk management tool, and helps to measure and manage the amount of market risk to which a portfolio of bonds is exposed.

**Duration** - A measure of the sensitivity of the price (the value of principal) of a fixed-income investment to a change in interest rates. Duration is expressed as a number of years. Rising interest rates means falling bond prices, while declining interest rates means rising bond prices. **Effective duration** takes into account that spread and cash flows will fluctuate as interest rates change.

**Option Adjusted Spread** - A measurement of the spread of a fixed-income security rate and the risk-free rate of return, which is adjusted to take into account an embedded option. Typically, an amount less than Treasury securities yield for the risk-free rate. The spread is added to the bond's income security price to make the risk-free bond price the same as the bond.

**SEC Yield** - A calculation for determining the amount of portfolio income, excluding non-income items as prescribed by the SEC. Yields are subject to change.

**Spread Duration** - A measurement of the spread of a fixed-income security rate and the risk-free rate of return.

**Standard Deviation** - Standard deviation is applied to the annual rate of return of an investment to measure the investment's volatility. Standard deviation is also known as historical volatility and is used by investors as a gauge for the amount of expected volatility.

**Barclays Capital Global Aggregate Index** - The Global Aggregate Index provides a broad-based measure of the global investment-grade fixed-rate debt markets. The Global Aggregate Index contains three major components: the US Aggregate Index (US\$ 200 billion), the Eurozone Aggregate Index (EUR 200 billion), and the Asian Pacific Aggregate Index (JPY 150 billion). In addition to securities in these three benchmarked regions, the Global Aggregate Index includes Global Treasury Securities (USD 200 billion), Eurozone Treasury Securities (EUR 200 billion), and Global Corporate Bonds (USD 200 billion). The index is rebalanced annually on January 31st. The Global Aggregate Index is a component of the Multiverse Index. The Global Aggregate Index was created in 1993, with underlying benchmarks in January 1993. It is not possible to invest directly in an index.