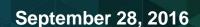
# Thoughts from Northern Trust Asset Management



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**UK Business Development** 

Claire Meier

Sovereign Analyst, International Fixed Income



# LEADING, GLOBAL INVESTMENT MANAGER

With offices in 25 locations around the globe, we serve the world's most sophisticated and demanding clients across 51 countries.

Leveraging the strength of Northern Trust

Global network of investment professionals with deep expertise

Forward-looking, historically aware investment approach

Progressive thought leadership and unique insights

Solving individual client challenges with thoughtful, innovative solutions

Client-centric culture dedicated to meeting clients' needs



World's 13<sup>th</sup> largest asset manager<sup>^</sup>

# Factor Investing

Managing factor based equity portfolios since 1994

#### Index Strategies

Focus on harder to manage exposures. 4th Largest manager of index assets

#### **Bespoke**

Structuring strategies to suit clients' individual objectives

#### **ESG**

More than 25 years of managing portfolios to ESG principles.

#### Cash

Money market funds in Sterling, Euro and US Dollars.

#### **Efficient**

Offering innovative tax-efficient investment vehicles.

Pensions & Investments 2016 Special Report on Money Managers appeared in the publication's May 30, 2016, issue and online at www.pionline.com/researchcenter. Ranking information reprinted with permission, *Pensions & Investments*, copyright Crain Communications, Inc.

<sup>\*</sup> As at 30th June 2016

<sup>^</sup>Rankings based on total worldwide assets under management of \$875.3 billion as of December 31, 2015.

## NORTHERN TRUST ASSET MANAGEMENT OVERVIEW

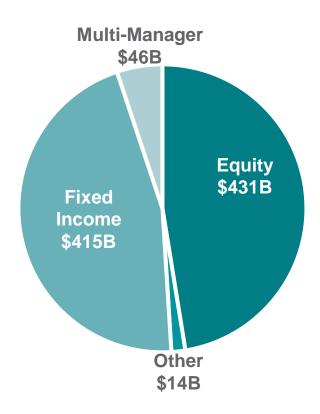
Diversified asset base by investor type and asset class

#### **Assets Under Management**



By Investor Type

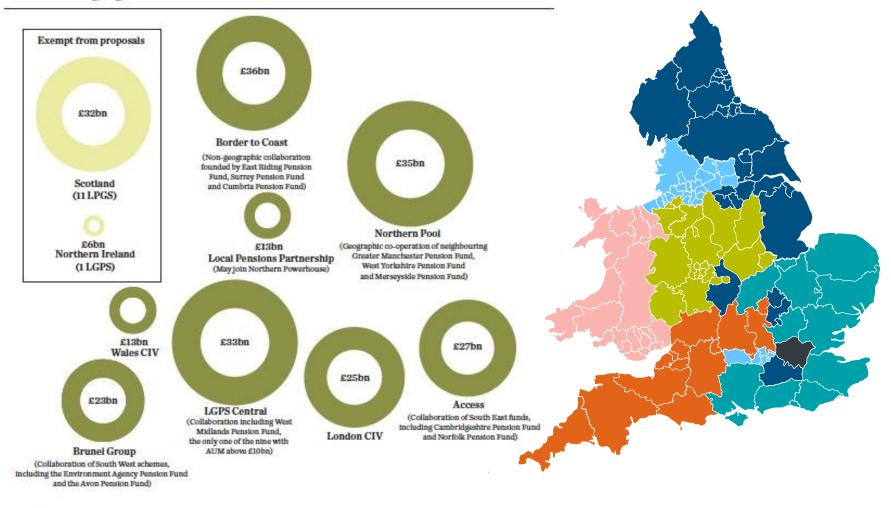




By Asset Class

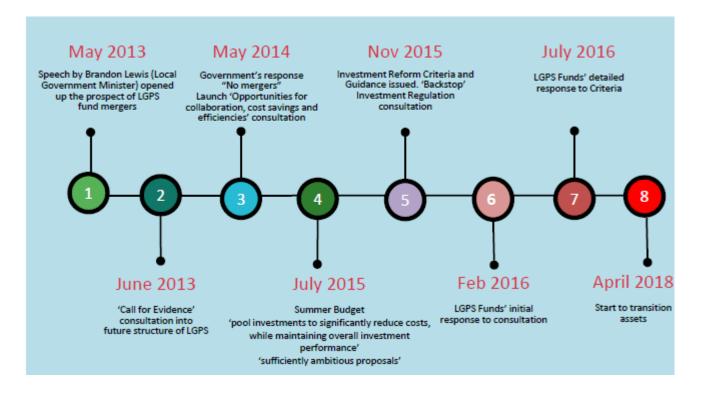
# £207BN WILL BE MOVED INTO POOLED ARRANGEMENTS BY 2018

#### 1. The emerging structure of the Local Government Pension Scheme



Source: IPE

#### TIMELINE



#### Project "pool": Multi asset pool Plus (map+) gives possible design

- Authorised Contractual Scheme for traditional assets
- One single national infrastructure pool
- Existing passive life contracts to remain outside for time being

#### But also Collective Asset Pool (CAP) approach

# LOOKING AHEAD

#### ABOUT OUR FIVE-YEAR OUTLOOK

Our Capital Market Assumptions is the foundation of our investment practices.

Annual five-year outlook

# **Global**

# Forward-looking, historically aware

Firm-wide participation, firm-wide implementation



Source: Northern Trust Capital Market Assumptions Working Group, Investment Policy Committee. Five year forecasts developed annually, most recent forecasts released 7/18/2016.

#### WHAT TO WATCH IN THE YEARS AHEAD

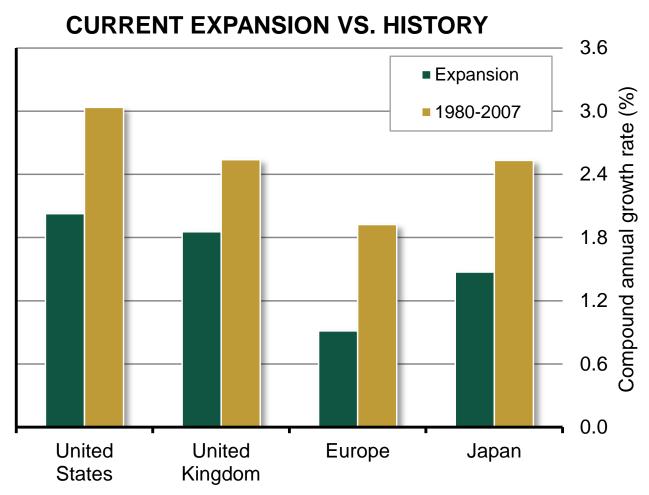
- Market Cycles in a Cycle-less Economy
- Stuck-flation
- Costs of Ultra-Low Rates
- Slow Growth Angst
- Populist Roulette
- Technological Turbulence



Slow Growth
Angst: Lack
of opportunity
is impeding
global growth.

### **SLOW GROWTH ANGST**

Economic growth during the current recovery has lagged historical growth from 1980-2007.



Sources: Northern Trust, International Monetary Fund, Bloomberg. \*Current expansion continued at current growth rate for five years.



Populist
Roulette: Is the
rise of populist
politics putting
established
systems at
risk?

# **POPULIST ROULETTE**

The rise of populist movements globally is leaving markets unsure of what to expect from the political arena.

#### October 2016:

- · Austria: Presidential re-vote
- Hungary: Referendum on EUimposed refugee quotas

#### November 2016:

- United States: Presidential election
- Italy: Referendum on constitutional reform

#### March 2017:

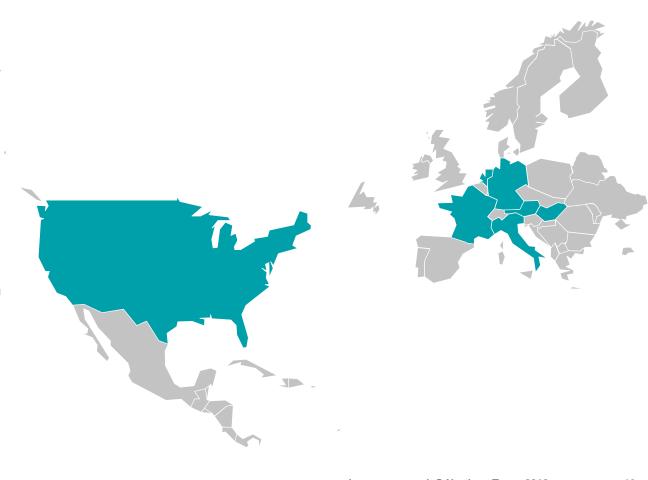
· Netherlands: General election

#### **April 2017:**

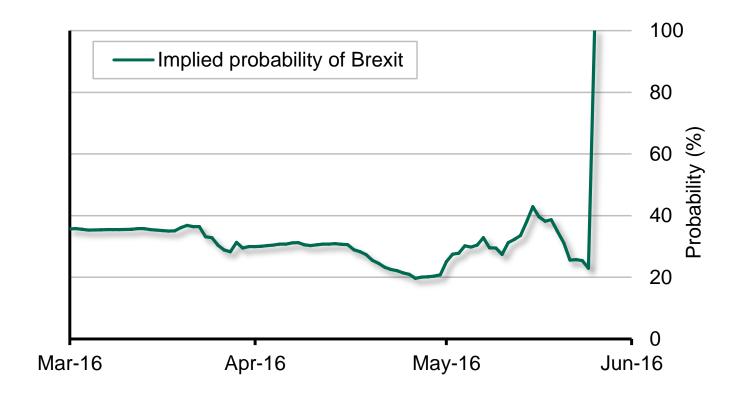
• France: General election

#### September 2017:

· Germany: General election



# **POPULIST ROULETTE**



Source: Northern Trust, Bloomberg, Real Clear Politics.

# A PEEK AT OUR EXPECTATIONS

# FIXED INCOME FIVE-YEAR RETURN FORECASTS

| Five Year Return Forecasts (all in % annualised) |               |                      |                                 | Five Year Return Forecasts by CMA Year |      |      |      |      |      | 5-Year<br>Actual |
|--|---------------|----------------------|---------------------------------|--|------|------|------|------|------|------------------|
| Asset Class                                      |               |                      | Proxy                           | 2016                                   | 2015 | 2014 | 2013 | 2012 | 2011 |                  |
|  | United States | Cash                 | 3-month U.S. T-Bill             | 0.5                                    | 1.5  | 0.9  | 0.5  | 0.5  | 1.5  | 0.1              |
|  |               | Inflation Linked     | BarCap U.S. TIPS                | 2.5                                    | 2.5  | 3.0  | 2.7  | 1.4  | 2.7  | 2.6              |
|  |               | Investment Grade     | BarCap U.S. Aggregate           | 3.0                                    | 3.0  | 3.0  | 2.8  | 2.0  | 3.3  | 3.8              |
|  |               | High Yield           | BarCap U.S. High Yield          | 5.3                                    | 5.6  | 5.6  | 6.1  | 6.1  | 5.6  | 5.8              |
|  |               | Municipal            | BarCap Municipal                | 2.8                                    | 3.5  | 4.0  | 3.0  | 2.9  | 3.5  | 5.3              |
| т  | UK            | Cash                 | 3-month Gilts                   | 0.3                                    | 1.5  | 1.3  | 0,6  | 1.0  | 2.3  | 0.5              |
| Fixed Income                                     |               | Inflation Linked     | BarCap UK Inflation Linked      | 2.0                                    | 2.6  | 3.0  | 3.2  | 2.7  | 2.8  | 9.8              |
| Inco   |               | Investment Grade     | BarCap Sterling Aggregate       | 2.6                                    | 3.0  | 3.7  | 3.5  | 3.1  | 2.6  | 7.8              |
| ome  | Europe        | Cash                 | 3-month German Bunds            | -0.5                                   | 0.0  | 0.4  | 1.0  | 1.3  | 2.4  | -0.1             |
|  |               | Inflation Linked     | BarCap Euro Inf. Linked         | 1.4                                    | 1.8  | 2.8  | 3.2  | 3.1  | 3.3  | 5.3              |
|  |               | Investment Grade     | BarCap Euro Aggregate           | 1.4                                    | 2.0  | 2.8  | 3.0  | 2.9  | 3.6  | 6.5              |
|  | Global        | Global Aggregate     | BarCap Global Aggregate         | 2.1                                    | 2.5  | 2.7  | 2.6  | 2.0  | 2.1  | 4.8              |
|  |               | Global High Yield    | BarCap Global High Yield        | 5.3                                    | 5.8  | 5.8  | 6.5  | 6.5  | *    | 6.8              |
|  |               | Emerging Market Debt | JP Morgan GBI-EM<br>Diversified | 5.5                                    | 6.5  | 6.0  | 7.0  | 6.1  | 6.9  | -2.2             |

<sup>\*</sup>No forecast developed

Note: Forecasts listed here represent total return forecasts for primary asset classes, geometrically averaged. For income component, arithmetic average, risk and correlation assumptions for portfolio construction purposes, or to inquire about asset class forecasts not listed, please contact your relationship manager.

# **EQUITY FIVE-YEAR RETURN FORECASTS**

| Five Year Return Forecasts (all in % annualised) |                    |  |   | Five Year Return Forecasts by CMA Year  |   |  |  |  |   |
|--|--------------------|--|---|---|---|--|--|--|---|
| Class  |                    | Proxy  | 2016  | 2015  | 2014  | 2013   | 2012   | 2011                                     |   |
| Developed  | United Stated      | MSCI United States   | 4.8   | 5.6   | 6.6   | 7.1  | 8.5  | 7.5                                      | 12.0  |
|  | Canada             | MSCI Canada  | 6.0   | 6.9   | 7.1   | 7.6  | 8.0  | 7.5                                      | 3.9   |
|  | United Kingdom     | MSCI United Kingdom  | 5.9   | 7.0   | 8.6   | 8.4  | 8.0  | 7.5                                      | 5.6   |
|  | Europe             | MSCI Europe ex U.K.  | 5.3   | 6.8   | 8.2   | 7.8  | 7.0  | 7.0                                      | 5.5   |
|  | Japan              | MSCI Japan   | 5.6   | 6.2   | 6.6   | 5.8  | 5.0  | 4.0                                      | 9.6   |
|  | Australia          | MSCI Australia   | 8.0   | 8.1   | 9.1   | 9.4  | 8.5  | 8.0                                      | 7.1   |
|  | Developed Markets  | MSCI World   | 5.4   | 6.1   | 7.2   | 7.4  | 7.8  | 7.3                                      | 9.4   |
| Emerging   | Asia               | MSCI EM Asia   | 8.0   | 8.5   | 10.0  | 9.9  | 11.5   | 11.5                                     | 2.2   |
|  | Latin America      | MSCI EM Latin America  | 5.6   | 5.7   | 7.9   | 10.6   | 11.0   | 10.0                                     | 1.6   |
|  | EMEA               | MSCI EM EMEA   | 6.0   | 6.5   | 7.9   | 10.4   | 9.5  | 8.5                                      | -1.5  |
|  | Emerging Markets   | MSCI Emerging Markets  | 7.3   | 7.8   | 9.0   | 10.1   | 11.1   | 10.7                                     | 2.4   |
| Global Equities MSCI All Country World           |                    | 5.8  | 6.5   | 7.4   | 7.7   | 8.4  | 7.8  | 8.6                                      |   |
|  | Developed Emerging | United Stated Canada United Kingdom Europe Japan Australia Developed Markets  Asia Latin America EMEA Emerging Markets | United Stated MSCI United States  Canada MSCI Canada  United Kingdom MSCI United Kingdom  Europe MSCI Europe ex U.K.  Japan MSCI Japan  Australia MSCI Australia  Developed Markets MSCI World  Asia MSCI EM Asia  Latin America MSCI EM Latin America  EMEA MSCI EM EMEA  Emerging Markets MSCI Emerging Markets | Class         Proxy         2016           Proxy         Linited Stated         MSCI United States         4.8           Canada         MSCI Canada         6.0           United Kingdom         MSCI United Kingdom         5.9           Europe         MSCI Europe ex U.K.         5.3           Japan         MSCI Japan         5.6           Australia         MSCI Australia         8.0           Developed Markets         MSCI World         5.4           Asia         MSCI EM Asia         8.0           Latin America         MSCI EM Latin America         5.6           EMEA         MSCI EM EMEA         6.0           Emerging Markets         MSCI Emerging Markets         7.3 | Class         Proxy         2016         2015           United Stated         MSCI United States         4.8         5.6           Canada         MSCI Canada         6.0         6.9           United Kingdom         MSCI United Kingdom         5.9         7.0           Europe         MSCI Europe ex U.K.         5.3         6.8           Japan         MSCI Japan         5.6         6.2           Australia         MSCI Australia         8.0         8.1           Developed Markets         MSCI World         5.4         6.1           Asia         MSCI EM Asia         8.0         8.5           Latin America         MSCI EM Latin America         5.6         5.7           EMEA         MSCI EM EMEA         6.0         6.5           Emerging Markets         MSCI Emerging Markets         7.3         7.8 | Class         Proxy         2016         2015         2014           Proped         United Stated         MSCI United States         4.8         5.6         6.6           Canada         MSCI Canada         6.0         6.9         7.1           United Kingdom         MSCI United Kingdom         5.9         7.0         8.6           Europe         MSCI Europe ex U.K.         5.3         6.8         8.2           Japan         MSCI Japan         5.6         6.2         6.6           Australia         MSCI Australia         8.0         8.1         9.1           Developed Markets         MSCI World         5.4         6.1         7.2           Asia         MSCI EM Asia         8.0         8.5         10.0           Latin America         MSCI EM Latin America         5.6         5.7         7.9           EMEA         MSCI EM EMEA         6.0         6.5         7.9           Emerging Markets         MSCI Emerging Markets         7.3         7.8         9.0 | United Stated   MSCI United States   4.8   5.6   6.6   7.1 | Proxy   2016   2015   2014   2013   2012 | Proxy   2016   2015   2014   2013   2012   2011 |

<sup>\*</sup>No forecast developed

# BACK TO YOU

# QUESTIONS?

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