

# Dorset County Pension Fund

## Insight mandate investment update at 30 September 2015

Our understanding of the Fund's objectives and strategy

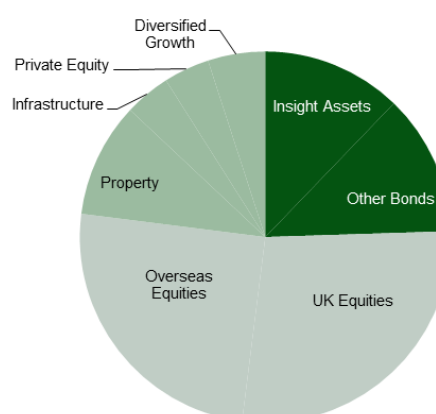
### Funding objectives and policy

- To set contribution levels required to build up assets sufficient to meet all future benefit commitments at lowest possible cost
- Investment strategy designed to ensure contributions are as stable as possible

### Investment strategy

- Control but not eliminate risk
- Current priority is to mitigate 'unrewarded risks'
  - increase inflation protection
  - consider impact of other liability risks

### Strategic asset allocation (c.£2.22bn at 30 September 2015)



Source: Dorset County Pension Fund.

### Performance to 30 September 2015

|                 | 3 months     |                   | 12 months    |                   | Since inception |                   |
|-----------------|--------------|-------------------|--------------|-------------------|-----------------|-------------------|
|                 | %            | £                 | %            | £                 | % cum.          | £ cum.            |
| Portfolio       | -8.63        | -19,909,258       | 0.33         | 684,998           | 39.85           | 59,415,926        |
| Benchmark       | -0.07        | -17,132,247       | 4.55         | 9,155,799         | 40.64           | 61,077,295        |
| <b>Relative</b> | <b>-8.56</b> | <b>-2,777,011</b> | <b>-4.22</b> | <b>-8,470,801</b> | <b>-0.79</b>    | <b>-1,661,369</b> |

Inception date for performance purposes: 31 October 2012

### Portfolio valuation and hedge characteristics as at 30 September 2015

|                            | Value<br>£m  | Interest rate sensitivity (PV01 <sup>1</sup> ) |                | Inflation sensitivity (IE01 <sup>2</sup> ) |                |
|----------------------------|--------------|--|----------------|--|----------------|
|                            |              | £k   | % of benchmark | £k   | % of benchmark |
| Conventional gilts         | 144.3        | -293   | 49.7           | 0  | 0.0            |
| Index-linked gilts         | 264.1        | -797   | 135.1          | 788  | 39.4           |
| Interest rate swaps        | -50.3        | 597  | -101.3         | 0  | 0.0            |
| RPI swaps                  | 6.9          | -69  | 11.8           | 1,187                                      | 59.3           |
| Repurchase agreements      | -175.1       | 2  | -0.4           | 0  | 0.0            |
| Network Rail               | 3.2          | -9   | 1.5            | 9  | 0.4            |
| Insight Libor Plus Fund    | 11.7         | 0  | 0.0            | 0  | 0.0            |
| Liquidity                  | 66.8         | 0  | 0.0            | 0  | 0.0            |
| <b>Total assets</b>        | <b>271.6</b> | <b>-569</b>                                    | <b>96.5</b>    | <b>1,984</b>                               | <b>99.1</b>    |
| <b>Liability benchmark</b> | <b>213.6</b> | <b>-590</b>                                    | <b>100.0</b>   | <b>2,002</b>                               | <b>100.0</b>   |

<sup>1</sup> PV01: change in present value of a series of future cash flows resulting from a 0.01% shift in the relevant discount curve.

<sup>2</sup> IE01: change in present value of a series of future cash flows resulting from a 0.01% shift in the relevant inflation expectation curve.

DORSET COUNTY PENSION FUND

- The following chart shows the hedge accumulation progress to date (data as at end September).

Dorset inflation hedge accumulation progress - Shown over time as a proportion of the liabilities hedged



- Time-based underpin put in place on 1 July 2014. On a quarterly basis if no market triggers are hit the hedge is increased incrementally to target 36% over 5 years.
- We have accumulated under the time-based underpin twice, on 21 July 2014 and 20 October 2014. There were no changes to the hedge during Q3 2015.

Trigger levels

| Trigger maturity         | 30/09/2020 | 30/09/2031 | 30/09/2038 | 30/09/2045 | 30/09/2062 |
|--------------------------|------------|------------|------------|------------|------------|
| Market level             | 2.86%      | 3.33%      | 3.48%      | 3.47%      | 3.45%      |
| Trigger                  | n/a        | 2.80%      | 2.95%      | 2.95%      | 2.95%      |
| Distance to next trigger | n/a        | -0.53%     | -0.53%     | -0.52%     | -0.50%     |

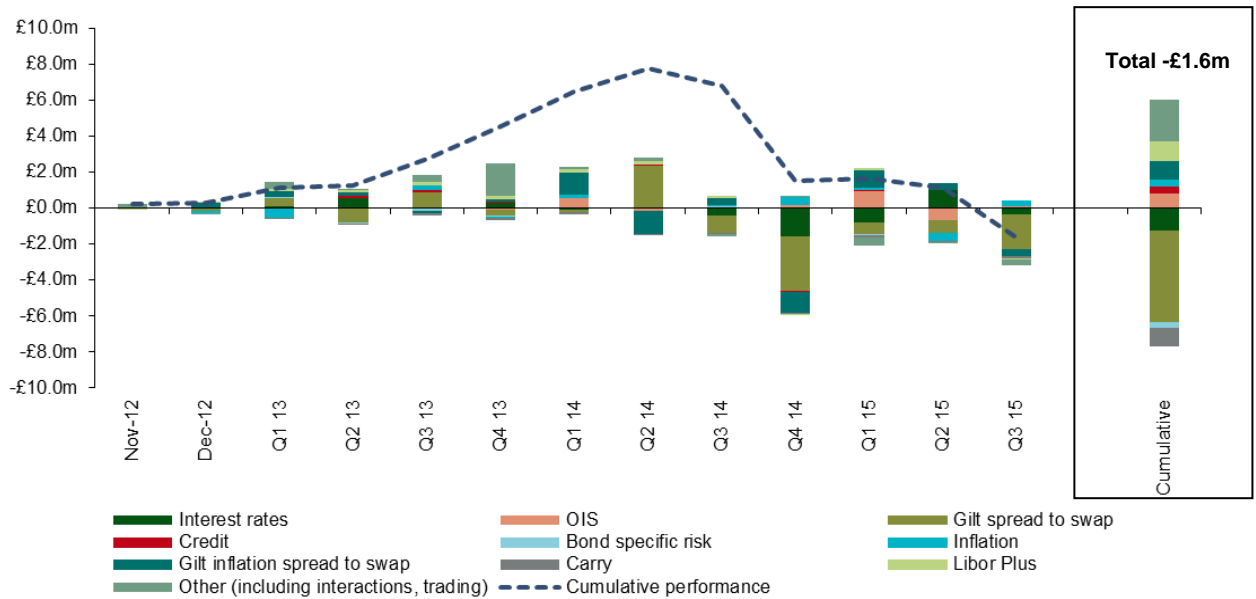
Data as at 09/11/2015

- The triggers are reviewed by Insight and Dorset on a regular basis to ensure they remain appropriate to the Fund’s overall objectives. The latest version was put in place in March 2015 with the remaining triggers being lowered.

DORSET COUNTY PENSION FUND

- The fund is actively managed to cheapen the cost of the hedge. The following chart shows the performance attribution of the portfolio relative to its benchmark since inception

Relative performance attribution (since inception)



Relative performance attribution (since inception, £)

|                               | 3 month           | 12 month          | Since Inception   |
|-------------------------------|-------------------|-------------------|-------------------|
| Interest Rates                | -378,889          | -1,760,488        | -1,278,673        |
| OIS                           | 102,843           | 472,832           | 801,973           |
| Gilt Spread to Swap           | -1,936,150        | -6,320,857        | -5,053,662        |
| Credit                        | 0                 | -6,472            | 420,331           |
| Bond Specific Risk            | 25,559            | -61,122           | -317,531          |
| Inflation                     | 311,700           | 517,542           | 353,391           |
| Gilt Inflation Spread To Swap | -335,050          | -105,232          | 1,001,205         |
| Carry                         | -124,241          | -418,212          | -1,058,016        |
| Libor Plus                    | -99,592           | -18,793           | 1,133,630         |
| Other                         | -343,192          | -770,000          | 2,335,983         |
| <b>Relative Performance</b>   | <b>-2,777,011</b> | <b>-8,470,801</b> | <b>-1,661,369</b> |

- Over the last quarter and indeed 12 months the mark-to-market based on our decision to hold some of the exposure in gilts rather than swaps (with a view to cheapening the cost of hedging) has been negative. All else being equal, this increases the embedded relative value on those positions that would be realised upon holding those assets to maturity (and assuming no UK Government default).