Westmorland & Furness Council

Cumbria Pension Fund

Cumbria Pension Fund – Fund Policy Document

FUNDING STRATEGY STATEMENT (FSS)

Introduction

The Local Government Pension Scheme Regulations 2013 (as amended) ("the 2013 Regulations") and the Local Government Pension Scheme (Transitional Provisions, Savings and Amendment) Regulations 2014 ("the 2014 Transitional Regulations") (collectively; "the Regulations") provide the statutory framework from which the Administering Authority is required to prepare a Funding Strategy Statement (FSS). The key requirements for preparing the FSS can be summarised as follows:

- After consultation with all relevant interested parties involved with the Cumbria Local Government Pension Scheme (the "Fund"), the Administering Authority will prepare and publish their funding strategy;
- In preparing the FSS, the Administering Authority must have regard to:
  - the guidance issued by CIPFA for this purpose; and
  - the Investment Strategy Statement (ISS) for the Fund published under Regulation 7 of the Local Government Pension Scheme (Management and Investment of Funds) Regulations 2016 (as amended);
- The FSS must be revised and published whenever there is a material change in either the policy set out in the FSS or the ISS.

BENEFITS

The benefits provided by the Fund are specified in the governing legislation contained in the Regulations referred to above. Benefits payable under the Fund are guaranteed by statute and thereby the pensions promise is secure for members. The FSS addresses the issue of managing the need to fund those benefits over the long term, whilst at the same time facilitating scrutiny and accountability through improved transparency and disclosure.

The Fund is a defined benefit arrangement with principally final salary related benefits from contributing members up to 1 April 2014 and Career Averaged Revalued Earnings ("CARE") benefits earned thereafter. There is also a "50:50 Scheme Option", where members can elect to accrue 50% of the full scheme benefits in relation to the member only and pay 50% of the normal member contribution.

EMPLOYER CONTRIBUTIONS

The required levels of employee contributions are specified in the Regulations. Employer contributions are determined in accordance with the Regulations (which require that an actuarial valuation is completed every three years by the actuary, including a Rates and Adjustments Certificate specifying the "primary" and "secondary" rate of the employer's contribution). The Scheme's policy on reviewing individual employer contributions between formal actuarial valuations is detailed in Appendix D to the FSS.

PRIMARY RATE
The "Primary rate" for an employer is the contribution rate required to meet the cost of the future accrual of benefits, ignoring any past service surplus or deficit, but allowing for any employer-specific circumstances, such as its membership profile, the funding strategy adopted for that employer, the actuarial method used and/or the employer's covenant.

The Primary rate for the whole Fund is the weighted average (by payroll) of the individual employers' Primary rates.

SECONDARY RATE
The "Secondary rate" is an adjustment to the Primary rate to arrive at the total rate of contribution each employer is required to pay. The Secondary rate may be expressed as a percentage adjustment to the Primary rate, and/or a cash adjustment in each of the three years beginning 1 April in the year following the actuarial valuation.

Secondary rates for the whole Fund in each of the three years shall also be disclosed. These will be the calculated weighted average based on the whole Fund payroll in respect of percentage rates and the total amount in respect of cash adjustments.

Purpose of the FSS in policy terms

Funding is the making of advance provision to meet the cost of accruing benefit promises. Decisions taken regarding the approach to funding will therefore determine the rate or pace at which this advance provision is made. Although the Regulations specify the fundamental principles on which funding contributions should be assessed, implementation of the funding strategy is the responsibility of the Administering Authority, acting on the professional advice provided by the actuary.

The Administering Authority's long term objective is for the Fund to achieve a 100% solvency level over a reasonable time period and then maintain sufficient assets in order for it to pay all benefits arising as they fall due.
The purpose of this Funding Strategy Statement is therefore:

- to establish a clear and transparent fund-specific strategy which will identify how employers' pension liabilities are best met going forward by taking a prudent longer-term view of funding those liabilities;
- to establish contributions at a level to "secure the solvency" of the pension fund and the "long term cost efficiency";

- to have regard to the desirability of maintaining as nearly constant a primary rate of contribution as possible. This is the context of the Fund's aim to maintain as stable a rate of overall employer contributions (i.e. both primary and secondary employer contributions) as is possible whilst securing the solvency of the Fund and its long term cost efficiency.

The intention is for this strategy to be both cohesive and comprehensive for the Fund as a whole, recognising that there will be conflicting objectives which need to be balanced and reconciled. Whilst the position of individual employers must be reflected in the statement, it must remain a single strategy for the Administering Authority to implement and maintain.

Aims and purpose of the Fund

The aims of the Fund are to:

- ensure that sufficient resources are available to meet all liabilities as they fall due
- manage employers' liabilities effectively and enable employer contribution rates to be kept at a reasonable and affordable cost to the taxpayers and the scheduled, resolution and admitted bodies;
- achieve and maintain Fund solvency and long term cost efficiency, which should be assessed in light of the profile of the Fund now and in the future
- maximise the returns from investments within reasonable risk parameters taking into account the above aims.

The purpose of the Fund is to:

- receive monies in respect of contributions, transfer values and investment income, and
- pay out monies in respect of Fund benefits, transfer values, costs, charges and expenses as defined in the 2013 Regulations, the 2014 Transitional Regulations and the Local Government Pension Scheme (Management and Investment of Funds) Regulations 2016.

Responsibilities of the key parties

The efficient and effective management of the Fund can only be achieved if all parties exercise their statutory duties and responsibilities conscientiously and diligently. The key parties for the purposes of the FSS are the Administering Authority (and, in particular the Pensions Committee), the individual employers and the Fund Actuary and details of their roles are set out below. Other parties required to play their part in the fund management process are bankers, custodians, investment managers, auditors and legal, investment and governance advisors, along with the Local Pension Board created under the Public Service Pensions Act 2013.

The **Administering Authority** should:

- operate the pension fund
- collect employer and employee contributions, investment income and other amounts due to the pension scheme as stipulated in the Regulations
- pay from the pension fund the relevant entitlements as stipulated in the Regulations
- invest surplus monies in accordance the Regulations
- ensure that cash is available to meet liabilities as and when they fall due
- take measures as set out in the Regulations to safeguard the Fund against the consequences of employer default
- manage the valuation process in consultation with the Fund's actuary
- prepare and maintain a FSS and an ISS, both after proper consultation with interested parties, and
- monitor all aspects of the Fund's performance and funding, amending the FSS/ISS as necessary
- effectively manage any potential conflicts of interest arising from its dual role as both Fund administrator and a Fund employer, and
- establish, support and monitor a Local Pension Board (LPB) as required by the Public Service Pensions Act 2013, the Regulations and The Pensions Regulator's General Code of Practice.

The **Individual Employer** should:

- deduct contributions from employees' pay correctly after determining the appropriate employee contribution rate (in accordance with the Regulations)
- pay all contributions, including their own as determined by the actuary, promptly by the due date as detailed in the Fund's Administration Strategy & Communication Policy
- develop a policy on certain discretions and exercise those discretions as permitted within the regulatory framework
- make additional contributions in accordance with agreed arrangements in respect of, for example, augmentation of Fund benefits, early retirement strain, and
- have regard to The Pensions Regulator's focus on data quality and comply with any requirement set by the Administering Authority in this context, and
- notify the Administering Authority promptly of any changes to membership which may affect future funding.

The **Fund Actuary** should:

- prepare valuations including the setting of employers' contribution rates at a level to ensure fund solvency after agreeing assumptions with the Administering Authority and having regard to their FSS and the Regulations
- prepare advice and calculations in connection with bulk transfers and individual benefit-related matters such as pension strain costs, ill health retirement costs etc.

- provide advice and valuations on the termination of admission agreements
- provide advice to the Administering Authority on bonds and other forms of security against the financial effect on the Fund of employer default
- assist the Administering Authority in assessing whether employer contributions need to be revised between valuations as required by the Regulations
- advise on funding strategy, the preparation of the FSS and the inter-relationship between the FSS and the ISS, and
- ensure the Administering Authority is aware of any professional guidance or other professional requirements which may be of relevance to the Fund Actuary's role in advising the Fund.

Solvency Funding Target

Securing the "solvency" and "long term cost efficiency" is a regulatory requirement. To meet these requirements the Administering Authority's long term funding objective is for the Fund to achieve and then maintain sufficient assets to cover 100% (with a buffer to protect against adverse experience where appropriate) of projected accrued liabilities (the "funding target") assessed on an ongoing past service basis including allowance for projected final pay where appropriate. In the long term, an employer's total contribution rate would ultimately revert to its Primary rate of contribution.

SOLVENCY AND LONG TERM EFFICIENCY

Each employer's contributions are set at such a level to achieve full solvency in a reasonable timeframe. Solvency is defined as a level where the Fund's liabilities i.e. benefit payments can be reasonably met as they arise.

Employer contributions are also set in order to achieve long term cost efficiency. Long term cost efficiency implies that contributions must not be set at a level that is likely to give rise to additional costs in the future. For example, deferring costs to the future would be likely to result in those costs being greater overall than if they were provided for at the appropriate time.

When formulating the funding strategy, the Administering Authority has taken into account these key objectives and also considered the implications of the requirements under Section 13(4)(c) of the Public Service Pensions Act 2013. As part of these requirements the Government Actuary's Department (GAD) must, following an actuarial valuation, report on whether the rate of employer contributions to the Fund is set at an appropriate level to ensure the "solvency" of the pension fund and "long term cost efficiency" of the LGPS so far as relating to the Fund.

DETERMINATION OF THE SOLVENCY FUNDING TARGET AND DEFICIT RECOVERY PLAN

The principal method and assumptions to be used in the calculation of the funding target are set out in Appendix A. The Employer Deficit Recovery and Surplus Repayment Plans are set out in Appendix B to this section.

Underlying these assumptions are the following two tenets:

- that the Fund is expected to continue for the foreseeable future; and
- favourable investment performance can play a valuable role in achieving adequate funding over the longer term.

This allows the Fund to take a longer term view when assessing the contribution requirements for certain employers.

In considering this the Administering Authority, based on the advice of the Fund Actuary, will consider if this results in a reasonable likelihood that the funding plan will be successful taking into account any potential changes in funding after the valuation date up to the finalisation of the valuation by 31 March 2023 at the latest.

As part of each valuation, separate employer contribution rates are assessed by the Fund Actuary for each participating employer or group of employers. These rates are assessed taking into account the experience and circumstances of each employer, following a principle of no cross-subsidy between the distinct employers and employer groups in the Fund.

The Administering Authority, following consultation with the participating employers, has adopted the following objectives for setting the individual employer contribution rates arising from the 2022 actuarial valuation:

- Subject to consideration of affordability, as a general rule the deficit recovery period for employers will reduce by a period of 3 years subject to a minimum deficit recovery period of 10 years. This is to target full solvency over a similar (or shorter) time horizon, whilst aiming to avoid significant volatility in employer contribution rates that a short recovery period may potentially lead to, particularly for those employers with relatively low funding levels.

- The exception to this is for employers who are closed for new members. The deficit repayment period for these closed employers will reduce by three years, consider the expected length of their participation in the Fund and have no minimum deficit recovery period to minimise risk to the Fund.

- Employers in deficit will have the freedom to adopt a recovery plan on the basis of a shorter period if they so wish. Subject to affordability considerations and other factors, a bespoke period may be applied in respect of particular employers where the Administering Authority considers this to be warranted (see Deficit Recovery Plan and Surplus Recovery in Appendix B).

- Where an employer is assessed as having a surplus of assets against forecast liabilities in excess of 110% as at the valuation date of 31 March 2022, these excess surpluses will be returned over an average period of at least 10 years (see Deficit Recovery and Surplus Repayment Plans in Appendix 2)

- Individual employer contributions will be expressed and certified as two separate elements:
  - the **Primary rate**: a percentage of pensionable payroll in respect of the cost of the future accrual of benefits
  - the **Secondary rate**: a schedule of lump sum monetary amounts over 2023/26 in respect of an employer's surplus or deficit.

- For any employer, the total contributions they are actually required to pay in any one year is the sum of the Primary and Secondary rates (subject to an overall minimum of zero). Both elements are subject to further review from April 2026 based on the results of the 2025 actuarial valuation. Where deemed appropriate, an interim review of contribution rates may be undertaken between valuation dates.

- Where increases (or decreases) in employer contributions are required from 1st April 2023, following completion of the 2022 actuarial valuation, the increase (or decrease) from the rates of contribution payable in the year 2023/24 may be implemented in steps, over a maximum period of 3 years.

- On the cessation of an employer's participation in the Fund, in accordance with the Regulations, the Fund Actuary will be asked to make a termination assessment. Any deficit in the Fund in respect of the employer will be due to the Fund as a termination contribution, unless it is agreed by the Administering Authority and the other parties involved that the assets and liabilities relating to the employer will transfer within the Fund to another participating employer. The termination policy is summarised in the Fund's Admission and Termination Policy document (Section 7 of this Fund Policy Document).

- In all cases the Administering Authority reserves the right to apply a different approach at its sole discretion, taking into account the risk associated with an employer in proportion to the Fund as a whole. Such cases will be determined by the Director of Resources (S151 Officer) and notified to the Pensions Committee. The employer will also be notified.

FUNDING FOR NON-ILL HEALTH EARLY RETIREMENT COSTS

Employers are required to meet all costs of early retirement strain by:
- immediate capital payments into the Fund, or
- with the agreement of the Administering Authority, by making provision for them at the time of the actuarial valuation and including the costs within its funding plan.

Link to investment policy set out in the Investment Strategy Statement (ISS)

The results of the 2022 valuation show the liabilities to be 110.0% covered by the current assets. Individual employers will have different funding levels and some employers will have a funding level of less than 100%. For these employers, their funding deficit will be covered by future deficit contributions.

In assessing the value of the Fund's liabilities in the valuation, allowance has been made for growth asset out-performance as described below, taking into account the investment strategy adopted by the Fund, as set out in the ISS.

"Minimum Risk" portfolio versus a "Diverse" portfolio including growth assets:

It is not possible to construct a portfolio of investments which produces a stream of income exactly matching the expected liability outgo. It is, however, possible to construct a portfolio based on a "minimum risk" investment position designed to deliver real returns in line with or just above CPI inflation.

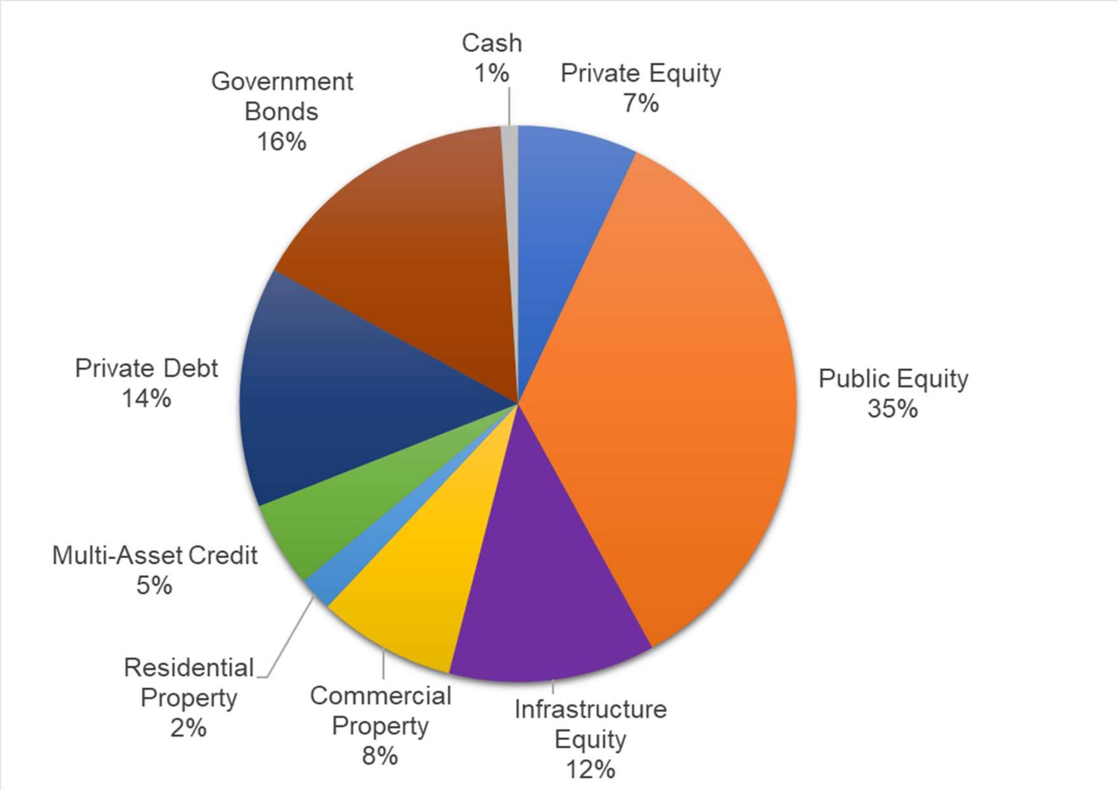
Such a portfolio would consist of a mixture of long-term index-linked, fixed interest gilts and possibly swaps. However, due to supply/demand distortions in the bond markets, it would not be appropriate to make any allowance in the valuation process for such a portfolio in respect of growth assets out-performance or any adjustment to market implied inflation assumption.

This would result in real return versus CPI inflation of below nil (i.e. negative) per annum at the valuation date as the return on index-linked gilts would be less than assumed CPI inflation. On this basis of assessment, the value of the Fund's liabilities at the valuation would have been significantly higher, resulting in a much lower funding level, which in turn would have caused a significant increase in employer contribution rates payable for the period 2023/26.

Taking a "minimum risk" approach to portfolio construction is considered more appropriate for "closed" funds (i.e. where a fund is no longer accepting new members and therefore has a limited investment horizon). The Cumbria Fund is an "open" fund and therefore, has a longer investment horizon (i.e. it is able to invest over a longer timeframe). As such the Fund has an investment strategy based on a diverse portfolio including growth assets as well as more "defensive" assets such as index-linked gilts.

Departure from a minimum risk investment strategy, in particular to include growth assets such as equities, gives a better prospect that the assets will, over time, deliver returns in excess of CPI inflation and thus reduce employer contribution requirements. The target solvency position of having sufficient assets to meet the Fund's pension obligations might in practice therefore be achieved by a range of combinations of funding plan, investment strategy and investment performance.

The long-term investment strategy (as approved by Pensions Committee in March 2021) is:



This strategy is currently under review and a revised policy will be considered by Pensions Committee in June 2024.

As documented in the ISS, the investment strategy and return expectations set out above equate to an overall best estimate average expected return of 2.6% per annum in excess of CPI inflation. For the purposes of setting the funding strategy however, the Administering Authority believes that it is appropriate to take a margin for prudence on these return expectations.

Identification of risks and counter-measures

The funding of defined benefits is by its nature uncertain. Funding of the Fund is based on both financial and demographic assumptions. These assumptions are specified in the actuarial valuation report. When actual experience is not in line with the assumptions adopted a surplus or shortfall will emerge at the next actuarial assessment and will require a subsequent contribution adjustment to bring the funding back into line with the target.

The Administering Authority has been advised by the Fund Actuary that the greatest risk to the funding level is the investment risk inherent in the predominantly equity based strategy, so that actual asset out-performance between successive valuations could diverge significantly from that assumed in the long term.

FINANCIAL

The financial risks are as follows:

- Investment markets fail to perform in line with expectations
- Market outlook moves at variance with assumptions
- Investment Fund Managers fail to achieve performance targets over the longer term
- Asset re-allocations in volatile markets may lock in past losses
- Pay and price inflation is significantly more or less than anticipated
- Future underperformance arising as a result of participating in the larger asset pooling vehicle.

Any increase in employer contribution rates (as a result of these risks), may in turn impact on the service delivery of that employer and their financial position.

In practice the extent to which these risks can be reduced is limited. However, the Fund's asset allocation is kept under constant review and the performance of the investment managers is regularly monitored.

Additionally, the Fund has responded to the very high levels of inflation at the time of the 2022 valuation and the specific risk posed by this by retaining a funding buffer below which any surplus is maintained within the Fund – this acts to protect the Fund and the employers and increase the long-term stability of contributions.

DEMOGRAPHIC

The demographic risks are as follows:

- Longevity horizon continues to expand
- Deteriorating pattern of early retirements (including those granted on the grounds of ill health)
- Unanticipated acceleration of the maturing of the Fund resulting in materially negative cash flows and shortening of liability durations
- The level of take-up of the 50:50 option at a higher level than built into the actuarial assumptions.

Increasing longevity is something which government policies, both national and local, are designed to promote. It does, however, result in a greater liability for pension funds.

Apart from the regulatory procedures in place to ensure that ill health retirements are properly controlled, employing bodies should be doing everything in their power to minimise the number of ill health retirements. Early retirements for reasons of redundancy and efficiency do not affect the solvency of the Fund because they are the subject of a direct charge.

With regards to increasing maturity (e.g. due to further cuts in workforce and/or restrictions on new employees accessing the Fund), the Administering Authority regularly monitors the position in terms of cash flow requirements and considers the impact on the investment strategy.

INSURANCE OF CERTAIN BENEFITS

The contributions for any employer may be varied as agreed by the Actuary and Administering Authority to reflect any changes in contribution requirements as a result of any benefit costs being insured with a third party or internally within the Fund.

REGULATORY

The key regulatory risks are as follows:

- Changes to Regulations, e.g. changes to the benefits package, retirement age, potential new entrants to Fund,
- Changes to national pension requirements and/or HMRC Rules

Membership of the LGPS is open to all local government staff and should be encouraged as a valuable part of the contract of employment. However, increasing membership does result in higher employer monetary costs.

GOVERNANCE

The Fund has done as much as it believes it reasonably can to enable employing bodies and Fund members (via their representatives on the Local Pension Board) to make their views known to the Fund and to participate in the decision-making process.

Governance risks are as follows:

- The quality of membership data deteriorates materially due to breakdown in processes for updating the information resulting in liabilities being under or overstated
- Administering Authority unaware of structural changes in employer's membership (e.g. large fall in employee numbers, large number of retirements) with the result that contribution rates are set at too low a level
- Administering Authority not advised of an employer closing to new entrants, something which would normally require an increase in contribution rates
- An employer ceasing to exist with insufficient funding or adequacy of a bond or guarantee. Where there is a guarantor body in place, any outstanding funding deficit that is not recovered from the outgoing employer / bond will need to be paid by the guarantor (or the assets and liabilities for the outgoing employer will need to be subsumed by the guarantor). For cases where there is no guarantor or bond in place, any outstanding funding deficit that is not recovered from the outgoing employer will need to be subsumed by the Fund as a whole and spread across all employers.
- Changes in the Committee and Local Pension Board membership.

For these risks to be minimised much depends on information being supplied to the Administering Authority by the employing bodies. Arrangements are strictly controlled and monitored, but in most cases the employer, rather than the Fund as a whole, bears the risk. Nevertheless, where an employer defaults on its liabilities the risk in some cases may be borne by the whole Fund, so to that extent all Fund employers have joint and several liability to the Fund.

Further details concerning the governance of the Fund including risk management is available within the Fund's Governance Policy Statement, in the Fund Policy Document.

Monitoring and Review

The Administering Authority has taken advice from the actuary in preparing this Statement and has consulted with the employers participating in the Fund.

A full review of this Statement will occur no less frequently than every three years, to coincide with completion of a full actuarial valuation. Any review will take account of the current economic conditions and will also reflect any legislative changes.

The Administering Authority will monitor the progress of the funding strategy between full actuarial valuations. If considered appropriate, the funding strategy will be reviewed (other than as part of the triennial valuation process), for example, if there:

- has been a significant change in market conditions, and/or deviation in the progress of the funding strategy
- have been significant changes to the Fund membership, or LGPS benefits
- have been changes to the circumstances of any of the employing authorities to such an extent that they impact on or warrant a change in the funding strategy
- have been any significant special contributions paid into the Fund.

When monitoring the funding strategy, if the Administering Authority considers that any action is required, the relevant employing authorities will be contacted. In the case of admitted bodies, there is statutory provision for rates to be amended between valuations, but it is unlikely that this power will be invoked other than in exceptional circumstances.

APPENDIX A – ACTUARIAL METHOD AND ASSUMPTIONS

METHOD

The actuarial method to be used in the calculation of the solvency funding target is the Projected Unit method, under which the salary increases assumed for each member are projected until that member is assumed to leave active service by death, retirement or withdrawal from service. This method implicitly allows for new entrants to the Fund on the basis that the overall age profile of the active membership will remain stable. As a result, for those employers which are closed to new entrants, an alternative method is adopted, which makes advance allowance for the anticipated future ageing and decline of the current closed membership group potentially over the period of the Rates and Adjustments Certificate.

FINANCIAL ASSUMPTIONS – SOLVENCY FUNDING TARGET

Investment return (discount rate)

The discount rate has been derived based on the expected return on the Fund assets base on the long term strategy set out in the Investment Strategy Statement (ISS). It includes appropriate margins for prudence. When assessing the appropriate discount rate consideration has been given to the returns in excess of CPI inflation (as derived below). The discount rate at the valuation has been derived based on an assumed return of 1.25% per annum above CPI inflation i.e. a real return of 1.25% per annum equating to a total discount rate of 4.35% per annum. This real return will be reviewed from time to time based on the investment strategy, market outlook and the Fund's overall risk metrics.

Where warranted by an employer's circumstances, the Administering Authority retains the discretion to apply a discount rate based on a lower risk investment strategy for that employer to protect the Fund as a whole.

Inflation (Consumer Price Index)

The inflation assumption will be taken to be the investment market's expectation for RPI inflation as indicated by the difference between yields derived from market instruments, principally conventional and index-linked UK Government gilts as at the valuation date, reflecting the profile and duration of the Fund's accrued liabilities, but subject to the following two adjustments:

- an allowance for supply/demand distortions in the bond market is incorporated (this allowance has been increased since 2019 to reflect increased distortion due to the current inflationary environment), and
- an adjustment due to retirement pensions being increased annually by the change in the Consumer Price Index rather than the Retail Price Index, and the fact that RPI and CPI will not be closely aligned until 2030.

The overall reduction to RPI inflation at the valuation date is 0.8% per annum.

The assumption will be based on gilt yields at the valuation date, which provide estimates of inflation from that date. However, as actual pension increases are based on CPI inflation at the previous September, the liabilities will be adjusted to allow for both the April 2022 pension increase and actual observed inflation over the period from September 2021 to the valuation date (which will impact the April 2023 increase).

Salary increases

In relation to benefits earned prior to 1 April 2014, the assumption for long term real salary increases (salary increases in excess of price inflation) will be determined by an allowance of 1.5% p.a. over the inflation assumption as described above. This includes allowance for promotional increases.

Pension increases/Indexation of CARE benefits

Increases to pensions are assumed to be in line with the inflation (CPI) assumption described above. This is modified appropriately to reflect any benefits which are not fully indexed in line with the CPI (e.g. Guaranteed Minimum Pensions where the LGPS is not required to provide full indexation for certain members depending on their retirement date).

DEMOGRAPHIC ASSUMPTIONS

Mortality/Life Expectancy

The mortality in retirement assumptions will be based on the most up-to-date information in relation to self-administered pension schemes published by the Continuous Mortality Investigation (CMI), making allowance for future improvements in longevity and the experience of the Fund. The mortality tables used are set out below, with a loading reflecting Fund specific experience. The derivation of the mortality assumption is set out in a separate paper as supplied by the Actuary. For all members, it is assumed that the accelerated trend in longevity seen in recent years will continue in the longer term and as such, the assumptions build in a level of longevity 'improvement' year on year in the future in line with the CMI projections with a long-term improvement trend of 1.75% per annum.

(Note that the higher level of deaths actually experienced within the Fund due to COVID between 2019 and 2022 have been reflected in the liabilities. However, the assumptions adopt the recommended approach for the core CMI projection of applying no weight to the higher levels of deaths observed nationally over 2020 and 2021 due to COVID – this is to reflect the fact that the impact of COVID future mortality is unclear at this stage.)

The mortality before retirement has also been adjusted based on LGPS wide experience.

Commutation

It has been assumed that, on average, the total lump sum taken by members (including scheme lump sum on pre 2008 benefits and commuted lump sum) is 75% of the maximum tax-free cash available at retirement. The option which members can commute part of their pension at retirement in return for a lump sum is a rate of £12 cash for each £1 p.a. of pension given up.

Other Demographics

Following an analysis of Fund experience carried out by the Actuary, the incidence of ill health retirements, withdrawal rates and the proportions of married/civil partnership assumption have been reviewed and where appropriate modified from the last valuation. In addition, no allowance will be made for the future take-up of the 50:50 option. Where any member has actually opted for the 50:50 scheme, this will be allowed for in the assessment of the rate for the next 3 years. Other assumptions are as per the last valuation.

Expenses
Expenses are met out of the Fund, in accordance with the Regulations. This is allowed for by adding 0.8% of pensionable pay to the contributions as required from participating employers. This addition is reassessed at each valuation. Investment expenses have been allowed for implicitly in determining the discount rates.

Discretionary Benefits
The costs of any discretion exercised by an employer in order to enhance benefits for a member through the Fund will be subject to additional contributions from the employer as required by the Regulations as and when the event occurs. As a result, no allowance for such discretionary benefits has been made in the valuation.

METHOD AND ASSUMPTIONS USED IN CALCULATING THE COST OF FUTURE ACCRUAL (OR PRIMARY RATE)

The future service liabilities are calculated using the same assumptions as the funding target except that a different financial assumption for the discount rate is used. A critical aspect here is that the Regulations state the desirability of keeping the "Primary Rate" (which is the future service rate (FSR)) as stable as possible so this needs to be taken into account when setting the assumptions.

As future service contributions are paid in respect of benefits built up in the future, the FSR should take account of the market conditions applying at future dates, not just the date of the valuation, thus it is justifiable to use a slightly higher expected return from the investment strategy. In addition, the future liabilities for which these contributions will be paid have a longer average duration than the past service liabilities as they relate to active members only.

The financial assumptions in relation to future service (i.e. the normal cost) are not specifically linked to investment conditions as at the valuation date itself, and are based on an overall assumed real discount rate of 2.0% per annum above the long term average assumption for consumer price inflation of 3.1% per annum.

EMPLOYER ASSET SHARES

The Fund is a multi-employer pension scheme that is not formally unitised and so individual employer asset shares are calculated at each actuarial valuation. This means it is necessary to make some approximations in the timing of cashflows and allocation of investment returns when deriving the employer asset share.

In attributing the overall investment performance obtained on the assets of the Fund to each employer a pro-rata principle is adopted. This approach is effectively one of applying a notional individual employer investment strategy identical to that adopted for the Fund as a whole unless agreed otherwise between the employer and the Fund at the sole discretion of the Administering Authority.

At each review, cashflows into and out of the Fund relating to each employer, any movement of members between employers within the Fund, along with investment return earned on the asset share, are allowed for when calculating asset shares at each valuation.

Other adjustments are also made on account of the funding positions of orphan bodies which fall to be met by all other active employers in the Fund.

SUMMARY OF KEY WHOLE FUND ASSUMPTIONS USED FOR CALCULATING FUNDING TARGET AND COST OF FUTURE ACCRUAL (THE "PRIMARY RATE") FOR THE 2022 ACTUARIAL VALUATION

Long-term yields	
Market implied RPI inflation	3.9% p.a.
Solvency Funding Target financial assumptions	
Investment return/Discount Rate	4.35% p.a.
CPI price inflation	3.1% p.a.
Long Term Salary increases	4.6% p.a.
Pension increases/indexation of CARE benefits	3.1% p.a.
Future service accrual financial assumptions	
Investment return/Discount Rate	5.1% p.a.
CPI price inflation	3.1% p.a.
Long Term Salary increases	4.6% p.a.
Pension increases/indexation of CARE benefits	3.1% p.a.

Life expectancy assumptions

The post retirement mortality tables adopted for this valuation, along with sample life expectancies, are set out below:

	Base Table (M / F)	Improvements	Adjustment (M / F)
Current pensioners:			
Normal health	S3PMA / S3PFA_M	CMI_2021 [1.75%]	107% / 100%
Ill-health	S3IA	CMI_2021 [1.75%]	129% / 158%
Dependants	S3PMA / S3DFA	CMI_2021 [1.75%]	129% / 114%
Future dependants	S3PMA / S3DFA	CMI_2021 [1.75%]	129% / 114%

	Base Table (M / F)	Improvements	Adjustment (M / F)
Current active / deferred:			
Active normal health	S3PMA / S3PFA_M	CMI_2021 [1.75%]	111% / 100%
Active ill-health	S3IA	CMI_2021 [1.75%]	237% / 315%
Deferred	S3PMA / S3PFA_M	CMI_2018 [1.75%]	118% / 108%
Future dependants	S3PMA / S3DFA	CMI_2018 [1.75%]	125% / 115%

For all tables, sk=7.5, A=0, w2020 = 0, w2021 = 0

Other demographic assumptions are set out in the Actuary’s formal report.

APPENDIX B – EMPLOYER DEFICIT RECOVERY & SURPLUS REPAYMENT PLANS

As previously noted, each employer's contributions are set at such a level to achieve and maintain full solvency[1] in a reasonable timeframe and to achieve long term cost efficiency.

Per CIPFA Guidance[2] "*The rate of employer contributions shall be deemed to have been set at an appropriate level to ensure long-term cost efficiency if the rate of employer contributions is sufficient to make provision for the cost of current benefit accrual, with an appropriate adjustment to that rate for any surplus or deficit in the fund.*"

This appendix describes how the Fund, in consultation with the Fund Actuary, determines the adjustment to be made where an employer has a deficit in the Fund (section 1) and where an employer has a surplus in the Fund (section 2). The below sets out the Fund's standard approach to setting the period over which any surplus / deficit is removed – however the Fund reserves the right to adopt an alternative approach for any particular employer where the Fund deems this to be appropriate:

1. Deficit Recovery

1.1. Where a scheme employer's assets in the Fund are less than its liabilities at the effective date, a deficit recovery plan needs to be adopted such that additional contributions are paid into the Fund to meet the shortfall.

1.2. The Recovery Period for each employer is set by the Fund, in consultation with the Fund Actuary. The Fund will consider any representations received from the employer and any guarantor, with a view to balancing the various funding requirements against the risks arising from the financial strength of the employer and the nature of its participation in the Fund (please see section 1.10 below for further details). Whilst willing to consider representations, the Fund retains its discretion in setting the recovery periods for employers.

1.3. Deficit contributions paid to the Fund by each employer will be expressed as £s amounts and it is the Fund's objective that any funding deficit is eliminated as quickly as the participating employers can reasonably afford based on the Administering Authority's view of the employer's covenant and risk to the Fund.

1.4. Following the 2019 valuation, the Fund's average deficit recovery period was 12 years, and a target date for full funding of 2032. As part of the 2022 valuation, the Fund is seeking to reduce open employers' deficit recovery periods by three years subject to a minimum deficit recovery period of 10 years. The minimum is to a) avoid unnecessary contribution instability for long-term Fund employers, as very short recovery periods can lead to very volatile contributions, and b) recognise the fact that even once full funding is achieved

[1] . Solvency is defined as a level where the Fund's liabilities i.e. benefit payments can be reasonably met as they arise.

[2] CIPFA "Preparing and Maintaining a Funding Strategy Statement in the LGPS".

deficits can subsequently develop, and so ending one recovery period only to then start a new one is impractical.

1.5. The principal exception to this is for employers who are closed to new members. The deficit repayment period for these employers will reduce by three years, but with no minimum and a maximum of the expected future working lifetime of the members to minimise risk to the Fund by targeting full funding in advance of their exit from the Fund.

1.6. Additionally, the Fund will may also consider any contractual periods where appropriate when setting the recovery period.

1.7. Subject to the above, recovery periods will be set by the Fund on a consistent basis across employer categories where possible and communicated as part of the discussions with employers. This will determine the minimum contribution requirement.

1.8. Employers will be free to select any shorter deficit recovery period and higher contributions if they wish, including the option of prepaying the deficit contributions in one lump sum either on annual basis or a one-off payment. This will be reflected in the monetary amount requested via a reduction in overall £ deficit contributions payable.

1.9. The determination of the target recovery periods is summarised in the table below:

Category	**Target Average Deficit Recovery Period**	**Derivation**
Scheme Employers	10 years	Determined by reducing the period from the preceding valuation by at least 3 years, subject to a minimum of 10 years.
Open Admitted Bodies	10 years, normally subject to a maximum of the remaining contract period	Determined by reducing the period from the preceding valuation by at least 3 years, subject to a minimum of 10 years.
Closed Employers	The lesser of the remaining contract period, or the future working lifetime of the membership	Determined by reducing the period from the preceding valuation by at least 3 years.
Employers with a limited participation in the Fund.	Determined on a case by case basis.	Length of expected period of participation in the Fund.

1.10. Other factors affecting Employer Deficit Recovery Plans

1.10.1. The Fund acknowledges that the above approach may materially impact certain employers. In recognition of this the Fund may, in exceptional circumstances, set a recovery period beyond that outlined in section 1.4 above through the mechanisms outlined in 1.10.4 below.

1.10.2. This introduces an element of risk to both the Fund and the employer as, by extending the period over which its deficit is recovered, an employer may end up in a worse position at the next valuation than if it had sought to restore full funding more quickly. This would be contrary to the objective of setting employer contributions so as to secure the solvency and long term cost efficiency of the Scheme.

1.10.3. As such the Fund, in determining deficit recovery periods at an individual employer level, will consider the risks arising from the financial strength ("covenant") of the employer and the nature of its participation in the Fund. Factors that will influence this decision may include (but are not limited to):

- The size of the funding shortfall;
- The business plans of the employer;
- The assessment of the financial covenant of the Employer, and security of future income streams; and
- Any contingent security available to the Fund or offered by the Employer such as guarantor or bond arrangements, charge over assets, etc.

1.10.4. In considering a request to extend deficit recovery periods, the the Administering Authority, in consultation with the actuary, will either:

- consider the use of contingent assets and other tools such as bonds or guarantees that could assist employing bodies in managing the cost of their liabilities or could provide the Fund with greater security against outstanding liabilities. This could result in a longer recovery period being acceptable to the Administering Authority, (in accordance with section 1.10.1) although employers will still be expected to at least cover expected interest costs on the deficit; or

- for those bodies identified as having a weaker covenant, the Administering Authority will need to balance the level of risk plus the solvency requirements of the Fund with the sustainability of the organisation when agreeing funding plans. As a minimum, the annual deficit payment must meet the on-going interest costs to ensure, everything else being equal, that the deficit does not increase in monetary terms.

2. Surplus Repayments

Where a scheme employer's assets in the Fund are greater than its liabilities at the effective date, the Fund may, at its discretion, permit repayments to the scheme employer such that a negative Secondary employer contribution rate is calculated to enable the employer to offset the surplus against a proportion of their Primary employer contributions.

As Funding Levels may be volatile and based on economic conditions outside of the control of either the Fund or the scheme employer, and acknowledging the requirement for and desirability of long term stability / cost efficiency in the contributions, the Fund will not permit surpluses to be offset against employer contributions unless the assessed Funding Level of the employer exceeds 110% at the date of the Valuation.

Where the Funding Level of the employer exceeds 110% as at the date of the Valuation, the Fund may, at its discretion, permit repayments to be offset against assessed employer contributions (through a negative Secondary employer contribution rate) such that repayments would aim to reduce the Funding Level to 110%. This would occur over a minimum period of 10 years in most cases.

One exception to the above is where an employer's position has improved such that they would be facing a reduction in contributions without the application of the buffer but applying the buffer would lead to an increase in total contributions. In these cases, the employer will normally be allowed to use the full surplus to maintain the current total contribution rate.

The maximum repayment that any employer may receive in each year will be equivalent to the employer's assessed Primary contribution rate, i.e. the percentage of pensionable payroll in respect of the cost of the future accrual of benefits.

It is thereby noted that any surplus within the Pension Fund cannot be offset against any employee contributions which must continue to be collected by the employer and paid to the Fund in accordance with the timeframes detailed in the Administration and Communication Policy of the Fund.

APPENDIX C – COVENANT ASSESSMENT AND MONITORING POLICY

An employer's covenant underpins its legal obligation and ability to meet its financial responsibilities now and in the future. The strength of covenant depends upon the robustness of the legal agreements in place and the likelihood that the employer can meet them. The covenant effectively underwrites the risks to which the Fund is exposed, including underfunding, longevity, investment and market forces.

An assessment of employer covenant focuses on determining the following:

> Type of body and its origins
> Nature and enforceability of legal agreements
> Whether there is a bond in place and the level of the bond
> Whether a more accelerated recovery plan should be enforced
> Whether there is an option to call in contingent assets
> Is there a need for monitoring of ongoing and termination funding ahead of the next actuarial valuation?

The strength of employer covenant can be subject to substantial variation over relatively short periods of time and, as such, regular monitoring and assessment is vital.

RISK CRITERIA

The assessment criteria upon which an employer should be reviewed could include:

- Nature and prospects of the employer's industry
- Employer's competitive position and relative size
- Management ability and track record
- Financial policy of the employer
- Profitability, cash flow and financial flexibility
- Employer's credit rating
- Position of the economy as a whole

Not all of the above would be applicable to assessing employer risk within the Fund; rather a proportionate approach to consideration of the above criteria would be made, with further consideration given to the following:

- The scale of obligations to the pension scheme relative to the size of the employer's operating cash flow
- The relative priority placed on the pension scheme compared to corporate finances
- An estimate of the amount which might be available to the scheme on insolvency of the employer as well as the likelihood of that eventuality.

ASSESSING EMPLOYER COVENANT

The employer covenant will be assessed objectively and its ability to meet their obligations will be viewed in the context of the Fund's exposure to risk and volatility based on publicly available information and/or information provided by the employer. The monitoring of covenant strength along with the funding position (including on the termination basis) enables the Fund to anticipate and pre-empt employer funding issues and thus adopt a proactive approach. In order to objectively monitor the strength of an employer's covenant, adjacent to the risk posed to the Fund, a number of fundamental financial metrics will be reviewed to develop an overview of the employer's stability and a rating score will be applied using a Red/Amber/Greed (RAG) rating structure.

In order to accurately monitor employer covenant, it will be necessary for research to be carried out into employers' backgrounds and, in addition, for those employers to be contacted to gather as much information as possible. Focus will be placed on the regular monitoring of employers with a proactive rather than reactive view to mitigating risk.

The covenant assessment will be combined with the funding position to derive an overall risk score. Action will be taken if these metrics meet certain triggers based on funding level, covenant rating and the overall risk score.

FREQUENCY OF MONITORING

The funding position and contribution rate for each employer participating in the Fund will be reviewed as a matter of course with each triennial actuarial valuation. However, it is important that the relative financial strength of employers is reviewed regularly to allow for a thorough assessment of the financial metrics. The funding position will be monitored (including on the termination basis) using an online system provided to officers by the Fund Actuary.

Where risks or concerns are identified in relation to an employer or a group of employers, Officers will apply an increased level of covenant risk management (as described below) in relation to that employer / group of employers.

COVENANT RISK MANAGEMENT

The focus of the Fund's risk management is the identification and treatment of the risks, and it will be a continuous and evolving process which runs throughout the Fund's strategy. Mechanisms that will be explored with certain employers, as necessary, will include but are not limited to the following:

1. Parental Guarantee and/or Indemnifying Bond
2. Transfer to a more prudent actuarial basis (e.g. the termination basis)
3. Shortened recovery periods and increased cash contributions
4. Managed exit strategies
5. Contingent assets and/or other security such as escrow accounts.

APPENDIX D: CONTRIBUTION REVIEW POLICY

This document details the Scheme's policy on the review of employer contributions between formal actuarial valuations.

The Contributions Review Policy was approved by the Cumbria Pensions Committee held on 21 September 2021 and has been updated to reflect the Local Government Pension Scheme Regulations 2013. This policy forms part of the Funding Strategy Statement of the Scheme.

Where this document refers to Westmorland and Furness Council (**"the Council"**), then this shall mean Westmorland and Furness in carrying out its function as the Administering Authority of the Scheme and will be updated in March 2023 to reflect the new Administering Authority of the Fund.

1. BACKGROUND

1.1. The Fund reviews the contribution requirements for all employers as part of each triennial actuarial valuation. However, Regulation 64A also allows for employer contributions to be assessed between valuations as follows:

1. The Administering Authority may review the contributions of an employer where there has been a significant change to the liabilities of an employer.

2. The Administering Authority may review the contributions of an employer where there has been a significant change in the employer's covenant.

1.2. An employer may request a review of contributions from the Administering Authority if they feel that either point 1 or point 2 applies to them.

2. POLICY STATEMENT

2.1.1. The circumstances under which the Administering Authority will consider reviewing an employer's contributions are as follows:

- There has been a significant change to the employer's membership which will have a material impact on their liabilities.
- There has been a significant change in the employer's covenant.

2.1.2. The Administering Authority will not conduct a review where the funding position for an employer significantly changes solely due to a change in assets/actuarial assumptions (this is not permitted under the regulations). However, changes in the assets would be taken into account if an employer cannot support its obligations to the Fund after a significant covenant change (as per 2 above).

2.1.3. The Administering Authority will consult with the employer prior to undertaking a review of their contributions including setting out the reason for triggering the review.

2.1.4. Where a review takes place, the result may be no change and so a continuation of the contributions already certified.

2.1.5. A rate review would generally only be undertaken within 6 months leading up to the next actuarial valuation Rates and Adjustments Certificate in exceptional circumstances. An example of this would be where there has been a material change in covenant and membership, meaning a material change in risk to the Fund. A material change in membership alone would not result in a review in this period.

2.1.6. The employer would be required to pay the costs related to any potential review conducted at their request (including where the Administering Authority ultimately decides a review is not appropriate). A maximum of 2 requests between actuarial valuation dates is permitted (except in exceptional circumstances and at the sole discretion of the Administering Authority). Where circumstances warrant, the Fund may also seek to recover costs in cases where the review is instigated by the Fund.

2.2. Scenarios where contributions may be reviewed

2.2.1. Contributions may be reviewed if the Administering Authority becomes aware of any of the following scenarios. Employers will be notified if this is the case. Employers may also request a review if they believe either of these scenarios apply.

2.2.2. The Administering Authority will also consider the impact potential on other employers and the Fund as a whole when deciding whether to proceed.

2.2.3. **Significant changes in the employer's membership**

This includes but is not limited to the following scenarios:

a) Significant changes to the employer's membership which will have a material impact on their liabilities, such as:
   i. Employer restructuring
   ii. A significant transfer of staff to / from the employer from another Fund employer
   iii. A bulk transfer to / from the employer from another Fund
   iv. Other significant changes, e.g. due to redundancies, significant pay rises, ill health retirements or withdrawals

b) Two or more employers merging including insourcing and transferring of services

c) An employer splitting into two or more separate employers

When assessing triggers under a) above, the Administering Authority will only consider a review if the change in liabilities is expected to be more than 5% of the total.

If the review proceeds, it will only take into account the impact of the change in liabilities (including if relevant any underfunding in relation to pension strain costs), and the resulting impact on the Primary and Secondary rate of contributions. Changes in asset values will not be considered (assuming the covenant is not deemed to be affected).

2.2.4. **Significant changes in the employer's covenant**

This includes but is not limited to the following scenarios:

d) Provision of, or any change to, any security, bond, guarantee or other form of indemnity by an employer to the Fund. Specifically, this includes provision of security to any other pension arrangement which reduces in any way the security provided to the Fund
e) Material change in an employer's immediate financial strength or longer-term financial outlook (evidence should be available to justify this) including where an employer may cease to operate or become insolvent
f) Any behavior that suggests a change in an employer's their ability and/or willingness to pay contributions to the Fund

Where there has been a significant change to the covenant, any review would include consideration of the updated funding position (both on an ongoing and termination basis) when considering if the employer can meet its obligations to the Fund.

2.2.5. The Administering Authority may periodically undertake covenant monitoring exercises, either at Fund level or targeted at particular (groups of) employers. These exercises may identify the changes noted above. However, employers are expected to notify the Fund of any such changes, and in some circumstances (e.g. where a Deferred Debt Agreement is in place) employers will be required to do this via a separate agreement.

2.2.6. Additional information may be sought from the employer in order to determine whether a contribution review is necessary. This may include updated membership details, annual accounts, budgets, forecasts and any specific details of restructure plans. As part of this, the Administering Authority will take advice from the Fund Actuary, covenant, legal and any other specialist adviser.

2.3. Process and potential outcome of a contribution review

2.3.1. Where one of the above scenarios occurs, the Administering Authority will review and discuss with the employer the details of the event. However, the decision as to whether to proceed with a contribution review rests solely with the Administering Authority (taking advice from their Actuary, legal or covenant advisors if necessary). This specifically includes employer notified events.

2.3.2. For any potential review, the employer will be required provide any required supporting information (and to outline the rationale and case for the review where they have requested it). Where suitable information is not provided, the Administering Authority may decide not to proceed, or proceed on the basis of prudent assumptions in order to protect the Fund from potential risk.

2.3.3. The Administering Authority will consider whether it is appropriate to use updated membership data within the review (e.g. where the change in data is expected to have a material effect on the outcome).

2.3.4. As part of the review, it is possible that other parts of the funding strategy will also be reviewed in addition to the contributions. Potential outcomes of the review include:

- A change in primary and/or secondary contributions. Note that the result of the review may also be no change in contributions;
- Implementing security to improve the covenant to the Fund;
- A change in the investment strategy;
- A change in funding strategy;
- A change in the length of the recovery period.

2.3.5. The review of contributions may take up to 3 months from the date of confirmation to the employer that the review is taking place, in order to collate the necessary data.

2.3.6. Any change to an employer's contributions will be implemented at a date agreed between the employer and the Fund. The Schedule to the Rates and Adjustments Certificate at the last valuation will be updated for any contribution changes.

2.3.7. As part of the process the Administering Authority will consider whether it is appropriate to consult any other Fund employers prior to implementing the revised contributions. Circumstances where the Administering Authority may consider it appropriate to do so include where there is another employer acting as guarantor in the Fund, then the guarantor would be consulted on as part of the contribution review process.

The Administering Authority will agree a proportionate process for periodical ongoing monitoring and review following the implementation of the revised contribution plan. The Employer will be required to provide information to the Fund to support this, which will depend in part of the reasons for triggering the contribution review.

APPENDIX E - GLOSSARY

Actuarial Valuation: an investigation by an actuary into the ability of the Fund to meet its liabilities. For the LGPS the Fund Actuary will assess the funding level of each participating employer and agree contribution rates with the Administering Authority to fund the cost of new benefits and make good any existing deficits as set out in the separate Funding Strategy Statement. The asset value is based on market values at the valuation date.

Administering Authority: the council with a statutory responsibility for running the Fund and that is responsible for all aspects of its management and operation.

Admission bodies: a specific type of employer under the Local Government Pension Scheme (the "LGPS") who do not automatically qualify for participation in the Fund but are allowed to join if they satisfy the relevant criteria set out in the Regulations.

Benchmark: a measure against which fund performance is to be judged.

Best Estimate Assumption: an assumption where the outcome has a 50/50 chance of being achieved.

Bonds: loans made to an issuer (often a government or a company) which undertakes to repay the loan at an agreed later date. The term refers generically to corporate bonds or government bonds (gilts).

Career Average Revalued Earnings Scheme (CARE): with effect from 1 April 2014, benefits accrued by members in the LGPS take the form of CARE benefits. Every year members will accrue a pension benefit equivalent to 1/49th of their pensionable pay in that year. Each annual pension accrued receives inflationary increases (in line with the annual change in the Consumer Price Index) over the period to retirement.

Covenant: the assessed financial strength of the employer. A strong covenant indicates a greater ability (and willingness) to pay for pension obligations in the long run. A weaker covenant means that it appears that the employer may have difficulties meeting its pension obligations in full over the longer term or affordability constraints in the short term.

CPI: acronym standing for "Consumer Price Index". CPI is a measure of inflation with a basket of goods that is assessed on an annual basis. The reference goods and services differ from those of RPI. These goods are expected to provide lower, less volatile inflation increases. Pension increases in the LGPS are linked to the annual change in CPI.

Deficit: the extent to which the value of the Fund's past service liabilities exceeds the value of the Fund's assets. This relates to assets and liabilities built up to date and ignores the future build-up of pension (which in effect is assumed to be met by future contributions).

Deficit recovery period: the target length of time over which the current deficit is intended to be paid off. A shorter period will give rise to a higher annual contribution, and vice versa.

Discount Rate: the rate of interest used to convert a cash amount e.g. future benefit payments occurring in the future to a present value.

Employing bodies: any organisation that participates in the LGPS, including admission bodies and Fund employers.

Employer's Future Service Contribution Rate: the contribution rate payable by an employer, expressed as a % of pensionable pay, as being sufficient to meet the cost of new benefits being accrued by active members in the future. The cost will be net of employee contributions and will include an allowance for the expected level of administrative expenses.

Equities: shares in a company which are bought and sold on a stock exchange.

Funding or solvency Level: the ratio of the value of the Fund's assets and the value of the Fund's liabilities expressed as a percentage.

Funding Strategy Statement: this is a key governance document that outlines how the Administering Authority will manage employer's contributions and risks to the Fund.

Government Actuary's Department (GAD): the GAD is responsible for providing actuarial advice to public sector clients. GAD is a non-ministerial department of HM Treasury.

Guarantee / guarantor: a formal promise by a third party (the guarantor) that it will meet any pension obligations not met by a specified employer. The presence of a guarantor will mean, for instance, that the Fund can consider the employer's covenant to be as strong as its guarantor's.

Investment Strategy: the long-term distribution of assets among various asset classes that takes into account the Fund's objectives and attitude to risk.

Letting employer: an employer that outsources part of its services/workforce to another employer, usually a contractor. The contractor will pay towards the LGPS benefits accrued by the transferring members, but ultimately the obligation to pay for these benefits will revert to the letting employer.

LGPS: the Local Government Pension Scheme, a public sector pension arrangement put in place via Government Regulations, for workers in local government. These Regulations also dictate eligibility (particularly for Scheduled Bodies), members' contribution rates, benefit calculations and certain governance requirements.

Liabilities: the actuarially calculated present value of all benefit entitlements i.e. Fund cash flows of all members of the Fund, built up to date or in the future. The liabilities in relation to the benefit entitlements earned up to the valuation date are compared with the present market value of Fund assets to derive the deficit and funding/solvency level. Liabilities can be assessed on different set of actuarial assumptions depending on the purpose of the valuation.

Maturity: a general term to describe a Fund (or an employer's position within a Fund) where the members are closer to retirement (or more of them already retired) and the investment time horizon is shorter. This has implications for investment strategy and, consequently, funding strategy.

Members: the individuals who have built up (and may still be building up) entitlement in the Fund. They are divided into actives (currently employed by a Fund employer and contributing into the Fund), deferreds (former active members who have not yet retired) and pensioners (former active members who have now retired, and dependents of deceased members).

Minimum risk Basis: an approach where the discount rate used to assess the liabilities is determined based on the market yields of Government bond investments based on the appropriate duration of the liabilities being assessed. This is usually adopted when an employer is exiting the Fund.

Orphan liabilities: liabilities in the Fund for which there is no sponsoring employer within the Fund. Ultimately orphan liabilities must be underwritten by all other employers in the Fund.

Percentiles: relative ranking (in hundredths) of a particular range. For example, in terms of expected returns a percentile ranking of 75 indicates that in 25% of cases, the return achieved would be greater than the figure, and in 75% cases the return would be lower.

Phasing/stepping of contributions: when there is an increase/decrease in an employer's long term contribution requirements, the increase in contributions can be gradually stepped or phased in over an agreed period. The phasing/stepping can be in equal steps or on a bespoke basis for each employer.

Pooling: employers may be grouped together for the purpose of calculating contribution rates, (i.e. a single contribution rate applicable to all employers in the pool). A pool may still require each individual employer to ultimately pay for its own share of deficit, or (if formally agreed) it may allow deficits to be passed from one employer to another.

Prepayment: the payment by employers of contributions to the Fund earlier than that certified by the Actuary. The amount paid will be reduced in monetary terms compared to the certified amount to reflect the early payment.

Present Value: the value of projected benefit payments, discounted back to the valuation date.

Primary rate: the contribution rate required to meet the cost of future accrual of benefits, ignoring any past service surplus or deficit but allowing for any employer-specific circumstances, such as its membership profile, the funding strategy adopted for that employer, the actuarial method used and/or the employer's covenant.

Profile: the profile of an employer's membership or liability reflects various measurements of that employer's members, i.e. current and former employees. This includes: the proportions which are active, deferred or pensioner; the average ages of each category; the varying salary or pension levels; the lengths of service of active members vs their salary levels, etc.

Prudent Assumption: an assumption where the outcome has a greater than 50/50 chance of being achieved i.e. the outcome is more likely to be overstated than understated. Legislation and Guidance requires the assumptions adopted for an actuarial valuation to be prudent.

Rates and Adjustments Certificate: a formal document required by the LGPS Regulations, which must be updated at least every three years at the conclusion of the formal valuation. This is completed by the actuary and confirms the contributions to be paid by each employer (or pool of employers) in the Fund for the three year period until the next valuation is completed.

Real Return or Real Discount Rate: a rate of return or discount rate net of (CPI) inflation.

Recovery Plan: a strategy by which an employer will make up a funding deficit over a specified period of time ("the recovery period"), as set out in the Funding Strategy Statement.

Scheduled bodies: a type of employer explicitly defined in the LGPS Regulations, whose employees must be offered membership of their local LGPS Fund. These include Councils, colleges, universities, police and fire authorities etc., other than employees who have entitlement to a different public sector pension scheme (e.g. teachers, police and fire officers, university lecturers).

Scheme Employers: employers that have the statutory right to participate in the LGPS. These organisations (set out in Part 1 of Schedule 2 of the 2013 Regulations) would not need to designate eligibility, unlike the Part 2 Scheme Employers.

Secondary rate: the adjustment to the Primary rate to arrive at the total contribution each employer is required to pay. It is essentially the additional contribution (or reduction in contributions) resulting from any deficit (or surplus) attributable to the employer within the Fund.

Section 13 Valuation: in accordance with Section 13 of the Public Service Pensions Act 2014, the Government Actuary's Department (GAD) have been commissioned to advise the Ministry of Housing, Communities and Local Government (MHCLG) in connection with reviewing the 2016 LGPS actuarial valuations. All LGPS Funds therefore will be assessed on a standardised set of assumptions as part of this process.

Solvency Funding Target: an assessment of the present value of benefits to be paid in the future. The desired funding target is to achieve a solvency level of a 100% i.e. assets equal to the accrued liabilities at the valuation date assessed on the ongoing concern basis.

Valuation funding basis: the financial and demographic assumptions used to determine the employer's contribution requirements. The relevant discount rate used for valuing the present value of liabilities is consistent with an expected rate of return of the Fund's investments. This includes an expected out-performance over gilts in the long-term from other asset classes, held by the Fund.

50/50 Scheme: in the LGPS, active members are given the option of accruing a lower personal benefit in the 50/50 Scheme, in return for paying a lower level of contribution.