

**CABINET
7 FEBRUARY 2023**

PRUDENTIAL INDICATORS AND TREASURY MANAGEMENT STRATEGY REPORT 2023/24

**Responsible Cabinet Member -
Councillor Scott Durham, Resources Portfolio**

**Responsible Director -
Elizabeth Davison, Group Director of Operations**

SUMMARY REPORT

Purpose of the Report

1. This report requests Cabinet to review and scrutinise the following prior to forwarding to Council for their approval and adoption:
 - (a) The Prudential Indicators and Limits for 2023/24 to 2025/26 relating to capital expenditure and Treasury Management activity.
 - (b) A policy statement relating to the Minimum Revenue Provision.
 - (c) The Treasury Management Strategy 2023/24, which includes the Annual Investment Strategy for 2023/24
2. The report outlines the Council's prudential indicators for 2023/24 – 2025/26 and sets out the expected treasury operations for this period. It fulfils key legislative and guidance requirements:
 - (a) The reporting of the **prudential indicators** setting out the expected capital activities and treasury management prudential indicators included as treasury indicators in the Chartered Institute of Public Finance and Accountancy (CIPFA) Treasury Management Code of Practice
 - (b) The Council's **Minimum Revenue Provision (MRP) Policy**, which sets out how the Council will pay for capital assets through revenue each year.
 - (c) The **treasury management strategy** statement which sets out how the Council's treasury service will support capital decisions taken above, the day to day treasury management and the limitations on activity through treasury prudential indicators.
 - (d) The key indicator is the **authorised limit**, the maximum amount of debt the Council could afford in the short term, but which is not sustainable in the longer term.

- (e) The **investment strategy** which sets out the Council's criteria for choosing the investment counterparties and limiting exposures to the risk of loss.
3. The information contained in the report regarding the Councils expenditure plans, Treasury Management and Prudential Borrowing activities indicate that they are:
- (a) Within the statutory framework and consistent with the relevant codes of practice.
 - (b) Prudent, affordable and sustainable.
 - (c) An integral part of the Council's Revenue and Capital Medium Term Financial Plans.

Recommendation

4. It is recommended that Cabinet examine the following and pass on any comments to Council in order that they approve them:
- (a) The Prudential Indicators and limits for 2023/24 to 2025/26 summarised in Tables 1 and 2.
 - (b) The Minimum Revenue Provision (MRP) statement (paragraphs 36 – 43).
 - (c) The Treasury Management Strategy 2023/24 to 2025/26 as summarised in paragraphs 47 to 73.
 - (d) The Annual Investment Strategy 2023/24 contained in paragraphs 74 to 106.

Reasons

5. The recommendations are supported by the following reasons:
- (a) In order to comply with the Prudential Code for Capital Finance in Local Authorities and the Department for Levelling Up, Housing & Communities (DLUHC) guidance on investments.
 - (b) To comply with the requirements of the Local Government Act 2003.
 - (c) To approve a framework for officers to work within when making investment decisions.

Elizabeth Davison
Group Director of Operations

Background Papers

- (i) Annual Draft Statement of Account 2021/22
- (ii) Draft MTFP (incl Capital MTFP 2023/24 to 2026/27)
- (iii) Draft Capital Strategy
- (iv) Link Asset Services Economic Report Dec 2022

S17 Crime and Disorder	This report has no implications for S 17 Crime and Disorder.
Health and Well Being	This report has no implications for the Council's Health and Well being agenda.
Carbon Impact and Climate Change	This report has no implications for the Council's Carbon Emissions.
Diversity	This report has no implications for the Council's Diversity agenda.
Wards Affected	All Wards
Groups Affected	All Groups
Budget and Policy Framework	This report must be considered by Council.
Key Decision	This is not an executive decision
Urgent Decision	For the purposes of call in this report is not an urgent decision.
Council Plan	This report has no particular implications for the Council Plan.
Efficiency	The report refers to actions taken to reduce costs and manage risks.
Impact on Looked After Children and Care Leavers	This report has no impact on Looked After Children or Care Leavers.

MAIN REPORT

Information and Analysis

Background

6. CIPFA defines treasury management as:

“The management of the local authority’s borrowing, investments and cash flows, its banking, money market and capital market transactions; the effective control of the risks associated with those activities; and the pursuit of optimum performance consistent with those risks.”

7. The Council is required to operate a balanced budget, which broadly means that cash raised during the year will meet cash expenditure. Part of the treasury management operation is to ensure that this cash flow is adequately planned, with cash being available when it is needed. Surplus monies are invested in low risk counterparties or instruments commensurate with the Council's risk appetite, providing adequate liquidity initially before considering investment return
8. The second main function of the treasury management service is the funding of the Council's capital plans. These capital plans provide a guide to the borrowing need of the Council, essentially the longer term cash flow planning to ensure that the Council can meet its capital spending obligations. This management of longer term cash may involve arranging long or short term loans, or using longer term cash flow surpluses. On occasion, when it is prudent and economic, any debt previously drawn may be restructured to meet Council risk or cost objectives.

9. The contribution the treasury management function makes to the Council is critical, as the balance of debt and investment operations ensure liquidity or the ability to meet spending commitments as they fall due, either on day-to-day revenue or for larger capital projects. The treasury operations will see a balance of the interest costs of debt and the investment income arising from cash deposits affecting the available budget. Since cash balances generally result from reserves and balances, it is paramount to ensure adequate security of the sums invested, as a loss of principal will in effect result in a loss to the General Fund Balance.
10. Whilst any commercial initiatives or loans to third parties will impact on the treasury function, these activities are generally classed as non-treasury activities, (arising usually from capital expenditure), and are separate from the day to day treasury management activities.

Reporting requirements

Capital Strategy

11. The 2017 CIPFA Prudential and Treasury Management Codes require all local authorities to prepare a capital strategy report, which will provide the following:
 - (a) A high-level long term overview of how capital expenditure, capital financing and treasury management activity contribute to the provision of services
 - (b) An overview of how the associated risk is managed
 - (c) The implications for future financial sustainability.
12. The aim of the capital strategy is to ensure that all elected members on the full council fully understand the overall long-term policy objectives and resulting capital strategy requirements, governance procedures and risk appetite. The Capital Strategy is reported separately to Council on an annual basis.

Treasury Management Reporting

13. The Council is required by legislation to receive and approve, as a minimum, three main reports each year, which incorporate a variety of policies, estimates and actuals.

Prudential and Treasury Indicators and Treasury Strategy (this report)

14. The first, and most important report is forward looking and covers:
 - (a) The capital plans (including prudential indicators);
 - (b) A minimum revenue provision (MRP) policy (how residual capital expenditure is charged to revenue over time);
 - (c) The treasury management strategy, (how the investments and borrowings are to be organised), including treasury indicators; and

- (d) An investment strategy, (the parameters on how investments are to be managed).

A Mid-Year Treasury Management Report

- 15. This is primarily a progress report and will update members on the capital position, amending prudential indicators as necessary, and whether the treasury function is meeting the strategy or whether any policies require revision.

An Annual Treasury Report

- 16. This is a backward-looking review document and provides details of a selection of actual prudential and treasury indicators and actual treasury operations compared to the estimates within the strategy.
- 17. These reports are required to be adequately scrutinised before being recommended to the Council. This role is undertaken by the Audit Committee.

Treasury Management Strategy for 2023/24

- 18. The strategy for 2023/24 covers two main areas:
 - (a) Capital Issues:
 - (i) The capital expenditure plans and the prudential indicators;
 - (ii) The minimum revenue provision (MRP) policy.
 - (b) Treasury Management Issues:
 - (i) The current treasury position;
 - (ii) Treasury indicators which will limit the treasury risk and activities of the Council;
 - (iii) Prospects for interest rates;
 - (iv) The borrowing strategy;
 - (v) Policy on borrowing in advance of need;
 - (vi) Debt rescheduling;
 - (vii) The investment strategy;
 - (viii) Creditworthiness policy; and
 - (ix) Policy on use of external service providers.
- 19. These elements cover the requirements of the Local Government Act 2003, the CIPFA Prudential Code, DLUHC MRP Guidance, the CIPFA Treasury Management Code and the MHCLG Investment Guidance.

20. A summary of the key prudential indicators and limits are contained in Tables 1 and 2 and further details are contained further on in this report.

Table 1 – Capital Expenditure and Borrowing

	2022/23 Revised	2023/24 Estimated	2024/25 Estimated	2025/26 Estimated
Capital Expenditure Tables 3 and 4	67.609	45.493	32.499	32.868
Capital financing requirement - Table 5	230.542	235.933	241.167	241.643
Ratio of financing costs to net revenue stream – General Fund See paragraph 45 - Table 6	2.14%	3.82%	3.85%	3.76%
Ratio of financing costs to net revenue stream –HRA See paragraph 45 - Table 6	14.79%	12.78%	13.59%	14.51%
Operational boundary for external debt - Table 9	171.424	183.077	193.722	204.361
Authorised limit for external debt - Table 10	242.069	247.730	253.225	253.725

Table 2 – Treasury Management

	2023/24 Upper Limit	2024/25 Upper Limit	2025/26 Upper Limit
Limits on fixed interest rates	100%	100%	100%
Limits on variable interest rates	40%	40%	40%
Maximum principal sums invested > 364 days	£50m	£50m	£50m
Maturity Structure of fixed interest rate borrowing 2023/24			
	Lower Limit	Upper Limit	
Under 12 months	0%	40%	
12 months to 2 years	0%	50%	
2 years to 5 years	0%	60%	
5 years to 10 years	0%	80%	
10 years and above	0%	100%	

Training

21. The CIPFA code requires the responsible officer to ensure that Members with responsibility for treasury management receive adequate training in treasury management. This especially applies to Members responsible for scrutiny. Training was undertaken by a number of Members during 2 sessions held in September 2021 and

further training will be arranged as required. The training needs of treasury management officers are periodically reviewed.

Treasury Management Consultants

22. The Council uses Link Group, Treasury solutions as its external treasury management advisors. The Council recognises that responsibility for treasury decisions remains with the organisation at all times and will ensure that undue reliance is not placed upon the services of our external service provider. All decisions will be undertaken with regards to all available information, including, but not solely, our treasury advisors.
23. It also recognises that there is value in employing external providers of treasury management services in order to acquire access to specialist skills and resources. The officers of the Council will ensure that the terms of their appointment and the methods by which their value will be assessed are properly agreed and documented and subject to regular review.

The Capital Prudential Indicators 2023/24– 2025/26

24. The Council’s capital expenditure plans are the key driver of treasury management activity. The output of the capital expenditure plans is reflected in the prudential indicators, which are designed to assist members’ overview and confirm capital expenditure plans.

Capital Expenditure

25. This Prudential Indicator is a summary of the Council’s capital expenditure plans, both those agreed previously, and those forming part of this budget cycle. Members are asked to approve the capital expenditure forecasts:

Table 3 Capital Expenditure

	2022/23 Revised £m	2023/24 Estimate £m	2024/25 Estimate £m	2025/26 Estimate £m
General Fund	47.230	20.874	11.50	12.330
HRA	14.266	24.585	20.999	20.538
Estimated Capital Expenditure	61.496	45.459	32.499	32.868
Loans to Joint Ventures	6.113	0.034	0.000	0.000
Total	67.609	45.493	32.499	32.868

26. The financing need above excludes other long-term liabilities, such as PFI and leasing arrangements which already include borrowing instruments.
27. The table below summarises the above capital expenditure plans and how these plans are being financed by capital or revenue resources. Any shortfall of resources results in a funding borrowing need.

Table 4 Financing of the Capital Programme

	2022/23 Revised £m	2023/24 Estimate £m	2024/25 Estimate £m	2025/26 Estimate £m
General Fund	47.230	20.874	11.50	12.330
HRA	14.266	24.585	20.999	20.538
Loans to Joint Ventures	6.113	0.034	0.000	0.000
Total Capital	67.609	45.493	32.499	32.868
Financed by:				
Capital receipts -General Fund	1.295	2.950	2.060	0.000
Capital receipts - Housing	0.000	0.303	0.303	0.303
Capital grants	40.819	7.890	7.290	6.290
JV Repayments	4.573	2.260	1.300	5.950
Self-financing - GF	0.000	6.400	2.100	6.000
Revenue Contributions (Housing)	14.266	12.609	12.150	12.097
Total excluding borrowing	60.953	32.412	25.203	30.640
Net financing need for the year	6.656	13.081	7.296	2.228

The Council's Borrowing Need (the Capital Financing Requirement)

28. The second prudential indicator is the Council's Capital Financing Requirement (CFR). The CFR is simply the total historic outstanding capital expenditure which has not yet been paid for from either revenue or capital resources. It is essentially a measure of the Council's indebtedness and so its underlying borrowing need. Any capital expenditure above, which has not immediately been paid for through a revenue or capital resource, will increase the CFR.
29. The CFR does not increase indefinitely, as the minimum revenue provision (MRP) is a statutory annual revenue charge which broadly reduces the indebtedness in line with each assets' life, and so charges the economic consumption of capital assets as they are used.
30. The CFR includes any other long-term liabilities (e.g. PFI schemes & finance leases) brought onto the balance sheet. Whilst these increase the CFR, and therefore the Council's borrowing requirement, these types of scheme include a borrowing facility by the PFI or lease provider and so the Council is not required to separately borrow for these schemes. The Council currently has £21.398m of such schemes within the CFR.
31. The Committee is asked to approve the CFR projections below:

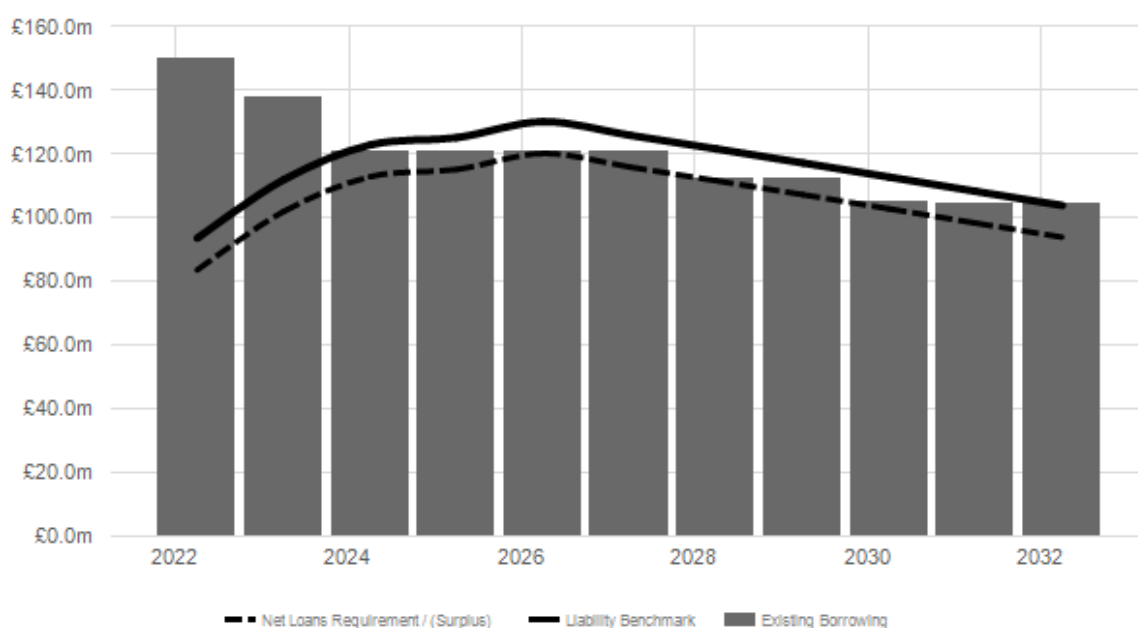
Table 5 – CFR Projections

	2022/23 Revised £m	2023/24 Estimate £m	2024/25 Estimate £m	2025/26 Estimate £m
CFR – General Fund	130.331	128.723	126.205	123.752
CFR – PFI and Finance leases	21.398	21.051	20.696	20.335
CFR - housing	67.225	76.798	86.205	95.445
CFR - Loans to JV's	11.588	9.361	8.061	2.111
Total CFR	230.542	235.933	241.167	241.643
Movement in CFR		5.391	5.234	0.476

Liability Benchmark

32. A third and new prudential indicator for 2023/24 is the Liability Benchmark (LB). The Council is required to estimate and measure the LB for the forthcoming financial year and the following two financial years, as a minimum.

Consolidated Liability Benchmark



33. There are three components to the Liability Benchmark:-

- (a) **Existing borrowing (loan debt outstanding):** the Council’s existing loans that are still outstanding in future years.
- (b) **Net loans requirement (Forecast Net Loans Debt):** this will show the Council’s gross loan debt less treasury management investments at the last financial year-end, projected into the future and based on its approved prudential borrowing, planned MRP and any other major cash flows forecast.
- (c) **Liability benchmark (or gross loans requirement):** this equals net loans requirement plus short -term liquidity allowance.

34. The Liability Benchmark is effectively the Net Borrowing Requirement of a local authority plus a liquidity allowance. In its simplest form, it is calculated by deducting the amount of investable resources available on the balance sheet (reserves, cash flow balances) from the amount of outstanding external debt and then adding the minimum level of investments required to manage day-to-day cash flow.
35. CIPFA recommends that the optimum position for external borrowing should be at the level of the Liability Benchmark (i.e., all balance sheet resources should be used to maximise internal borrowing). If the outputs show future periods where external loans are less than the Liability Benchmark, then this indicates a borrowing requirement thus identifying where the authority is exposed to interest rate, liquidity and refinancing risks. Conversely where external loans exceed the Liability Benchmark then this will highlight an overborrowed position which will result in excess cash in the organisation requiring investment thus exposing the authority to credit and reinvestment risks and a potential cost of carry

MRP Policy Statement

36. The Council is required to pay off an element of the accumulated General Fund capital spend each year (the CFR) through a revenue charge (the minimum revenue provision - MRP). It is also allowed to undertake additional voluntary payments if desired (voluntary revenue provision - VRP).
37. DLUHC regulations have been issued which require the full Council to approve an MRP Statement in advance of each year. A variety of options are provided to councils, so long as there is a prudent provision.
38. It is proposed that Darlington Borough Council's MRP policy statement for 2023/24 will be:
 - (a) For Capital expenditure incurred before 1 April 2008 and expenditure which was granted through credit approvals since that date MRP will be calculated on an annuity basis (2%) over 50 years or the useful life of the asset.
 - (b) Capital Expenditure from 1 April 2008 for all unsupported borrowing MRP will be based on the estimated life of the assets, repayments will be on an annuity basis (2%)
 - (c) Repayments relating to the PFI scheme will be based on the life of the asset of 60 years from 1 April 2008 on an annuity basis (2%).
39. There is no requirement on the HRA to make a minimum revenue provision but there is a requirement for a charge for depreciation to be made.
40. Repayments included in annual PFI or finance leases are applied as MRP.
41. For capital expenditure on loans to third parties where the principal element of the loan is being repaid in instalments, the capital receipts arising from the principal loan repayments will be used to reduce the CFR instead of MRP.

42. **MRP Overpayments** - A change introduced by the revised DLUHC MRP Guidance was the allowance that any charges made over the statutory minimum revenue provision (MRP), voluntary revenue provision (VRP) or overpayments, can, if needed, be reclaimed in later years if deemed necessary or prudent. In order for these sums to be reclaimed for use in the budget, this policy must disclose the cumulative overpayment made each year.
43. Cumulative VRP overpayments made to date are £0.500m.

Affordability Prudential Indicators

44. The previous sections cover the overall capital and control of borrowing prudential indicators, but within this framework prudential indicators are required to assess the affordability of the capital investment plans. These provide an indication of the impact of the capital investment plans on the Council’s overall finances. The Council is asked to approve the following indicators.

Estimates of the ratio of financing costs to net revenue stream

45. This indicator identifies the trend in the cost of capital (borrowing and other long-term obligation costs net of investment income) against the net revenue stream.

Table 6 - Ratio of financing costs to net revenue stream

	2022/23 Revised	2023/24 Estimate	2024/25 Estimate	2025/26 Estimate
General Fund	2.14%	3.82%	3.85%	3.76%
HRA	14.79%	12.78%	13.59%	14.51%

46. The estimates of financing costs include current commitments and the proposals in this year’s MTFP report.

Treasury Management Strategy

Borrowing

47. The capital expenditure plans set out in the previous paragraphs provide details of the service activity of the Council. The treasury management function ensures that the Council’s cash is organised in accordance with the relevant professional codes, so that sufficient cash is available to meet this service activity and the Council’s Capital Strategy. This will involve both the organisation of the cash flow and, where capital plans require, the organisation of appropriate borrowing facilities. The strategy covers the relevant treasury / prudential indicators, the current and projected debt positions and the Annual Investment Strategy.

Under Borrowing position

48. Over the last ten years the Council had maintained an underborrowed position i.e. the amount of our gross external borrowing has been less than our balance sheet Capital Financing Requirement. This strategy has served the Council well in a period where

returns on investment have been low and borrowing costs have been relatively high. This has also meant that we have had less in the form of investments and so reduced counterparty risk. To support the MTFP it was agreed that longer term investments would be pursued as these would give a return over and above the cost of any additional borrowing that would be taken. Following due diligence the Council has 3 Property Funds with £10 million in each fund and these are expected to bring a gross return of around 3.50% (1.09% net) over the life of the MTFP. Additional borrowing of £25m was undertaken which resulted in the underborrowed position being reduced.

Current Portfolio Position

49. The overall treasury management portfolio as at 31 March 2022 and for the position as at 31 December 2022 are shown below for both borrowings and investments.

Table 7 – Treasury Portfolio

TREASURY PORTFOLIO				
	Actual 31/03/2022 £m's	Actual 31/03/2022 %	Current 31/12/2022 £m's	Current 31/12/2022 %
Treasury Investments				
Banks	12.000	18.9	16.000	27.9
local authorities	5.000	7.9	0.000	0.0
money market funds	16.400	25.9	11.300	19.7
Total managed in house	33.400	52.7	27.300	47.6
Property funds	29.999	47.3	29.999	52.4
Total managed externally	29.999	47.3	29.999	52.4
Total treasury investments	63.399	100.0	57.299	100.0
Treasury external borrowing				
local authorities	13.000	8.7	17.000	11.9
PWLB	123.982	82.9	113.482	79.3
LOBO's	12.600	8.4	12.600	8.8
Total external borrowing	149.582	100.0	143.082	100.0
Net treasury borrowing	86.183		85.783	

50. The Council's expected treasury portfolio position at 31 March 2022, with forward projections is summarised below at Table 8. The table shows the actual external debt (the treasury management operations), against the underlying capital borrowing need (the Capital Financing Requirement - CFR), highlighting any over or under borrowing.

Table 8 - Gross Borrowing to CFR

	2022/23 Revised £m	2023/24 Estimate £m	2024/25 Estimate £m	2025/26 Estimate £m
Debt at 31 March	136.438	150.665	162.965	179.915
Loans to Joint Ventures	11.588	9.361	8.061	2.111
Other long-term liabilities (OLTL)	21.398	21.051	20.696	20.335
Gross Actual debt at 31 March	169.424	181.077	191.722	202.361
The Capital Financing Requirement from Table 5	230.542	235.933	241.167	241.643
Under / (over) borrowing	61.118	54.856	49.445	39.282

51. Within the range of prudential indicators there are a number of key indicators to ensure that the Council operates its activities within well-defined limits. One of these is that the Council needs to ensure that its gross debt does not, except in the short term, exceed the total of the CFR in the preceding year plus the estimates of any additional CFR for 2023/24 and the following two financial years. This allows some flexibility for limited early borrowing for future years but ensures that the borrowing is not undertaken for revenue or speculative purposes.
52. The Group Director of Operations reports that the Council complied with this prudential indicator in the current year and does not envisage difficulties for the future. This takes into account current commitments, existing plans, and proposals within this budget report.

Treasury Indicators: Limits to Borrowing Activity

The Operational Boundary

53. This is the limit beyond which external debt is not normally expected to exceed. In most cases, this would be a similar figure to the CFR, but may be lower or higher depending on the levels of actual debt and the ability to fund under-borrowing by other cash resources.

Table 9 - Operational Boundary

	2022/23 Revised £m	2023/24 Estimate £m	2024/25 Estimate £m	2025/26 Estimate £m
Debt from Table 8 (incl JV's)	148.026	160.026	171.026	182.026
Other long-term liabilities	21.398	21.051	20.696	20.335
Prudential Borrowing for leasable assets	1.000	1.000	1.000	1.000
Prudential Borrowing under Directors Delegated Powers	1.000	1.000	1.000	1.000
Operational Boundary	171.424	183.077	193.722	204.361

The Authorised Limit for external debt

54. This is a key prudential indicator and represents a control on the maximum level of borrowing. This represents a legal limit beyond which external debt is prohibited, and this limit needs to be set or revised by Full Council. It reflects the level of external debt which, while not desired, could be afforded in the short term, but is not sustainable in the longer term:
55. This is the statutory limit determined under section 3 (1) of the Local Government Act 2003. The Government retains an option to control either the total of all councils' plans, or those of a specific council, although this power has not yet been exercised.
56. The Council is asked to approve the following Authorised Limit:

Table 10 – Authorised Limit

	2022/23 Revised £m	2023/24 Estimate £m	2024/25 Estimate £m	2025/26 Estimate £m
CFR	230.542	235.933	241.167	241.643
Additional Headroom @ 5%	11.527	11.797	12.058	12.082
Authorised Limit	242.069	247.730	253.225	253.725

57. It is proposed that the additional headroom for years 2023/24 to 2025/26 is 5% above the CFR, this would allow for any additional cashflow needs throughout the years.

Prospects for Interest Rates

58. The Council has appointed Link Group as its treasury advisor and part of their service is to assist the Council to formulate a view on interest rates. The following table gives Link Asset Services's central view for future interest rates and the economic background to that view is shown at **Appendix 1**.

Table 11 – Interest rates

	Bank Rate %	PWLB Borrowing Rates % (including *certainty rate adjustment)			
		5 year	10 year	25 year	50 year
Dec 2022	3.50	4.30	4.50	4.70	4.30
Mar 2023	4.25	4.30	4.50	4.70	4.40
Jun 2023	4.50	4.20	4.40	4.60	4.30
Sep 2023	4.50	4.10	4.30	4.50	4.20
Dec 2023	4.50	4.00	4.20	4.40	4.10
Mar 2024	4.00	3.90	4.00	4.30	4.00
Jun 2024	3.75	3.80	3.90	4.10	3.80
Sep 2024	3.50	3.60	3.70	4.00	3.70
Dec 2024	3.25	3.50	3.60	3.90	3.60
Mar 2025	3.00	3.40	3.50	3.70	3.40
Jun 2025	2.75	3.30	3.40	3.60	3.30
Sep 2025	2.50	3.20	3.30	3.50	3.20
Dec 2025	2.50	3.10	3.20	3.50	3.20

** The certainty rate adjustment is a reduced rate by 0.20% for those councils like Darlington Borough Council who have submitted more detail on future borrowing requirement to the Treasury*

Investment and borrowing rates

59. Investment returns are likely to improve in 2023/24. However while markets are pricing in a series of Bank Rate hikes, actual economic circumstances may see the MPC fall short of these elevated expectations.
60. Borrowing interest rates fell to historically very low rates as a result of the COVID crisis and the quantitative easing operations of the Bank of England. The policy of avoiding new borrowing by running down spare cash balances has served local authorities well over the last few years.
61. While the Council will not be able to avoid borrowing to finance new capital expenditure, to replace maturing debt and the rundown of reserves, there will be a cost of carry (the difference between higher borrowing costs and lower investment returns), so any new short or medium-term borrowing that causes a temporary increase in cash balances as this position will, most likely, incur a revenue cost.

Borrowing Strategy

62. The Council is currently maintaining an under-borrowed position. This means that the capital borrowing need (the Capital Financing Requirement), has not been fully funded with loan debt as cash supporting the Council's reserves, balances and cash flow has been used as a temporary measure. This strategy is prudent as medium and longer dated borrowing rates are expected to fall from their current levels once prevailing inflation concerns are addressed by tighter near-term monetary policy. That is, bank rate increases over the remainder of 2022 and the first half of 2023.

63. Against this background and the risks within the economic forecast, caution will be adopted with the 2023/24 treasury operations. The Group Director of Operations will monitor interest rates in financial markets and adopt a pragmatic approach to changing circumstances:
- (a) If it was felt that there was a significant risk of a sharp FALL in borrowing rates (eg due to a marked increase of risks around relapse into recession or of risks of deflation), then long term borrowings will be postponed, and potential rescheduling from fixed rate funding into short term borrowing will be considered.
 - (b) If it was felt that there was a significant risk of a much sharper RISE in borrowing rates than that currently forecast, fixed rate funding will be drawn whilst interest rates are lower than they are projected to be in the next few years.
64. Any decisions would be reported to the appropriate Committee at the next available opportunity.

Treasury Management Limits on Activity

65. There are three debt related treasury activity limits. The purpose of these are to restrain the activity of the treasury function within certain limits, thereby managing risk and reducing the impact of any adverse movement in interest rates. However, if these are set to be too restrictive, they will impair the opportunities to reduce costs/improve performance. The indicators are:
- (a) Upper limits on variable interest rate exposure. This identifies a maximum limit for variable interest rates based upon the debt position net of investments
 - (b) Upper limits on fixed interest rate exposure. This is similar to the previous indicator and covers a maximum limit on fixed interest rates;
 - (c) Maturity structure of borrowing. These gross limits are set to reduce the Council's exposure to large fixed rate sums falling due for refinancing and are required for upper and lower limits. The Council is asked to approve the following treasury indicators and limits:

Table 12 Interest Rate Exposure

	2023/24	2024/25	2025/26
	Upper	Upper	Upper
Limits on fixed interest rates based on net debt	100%	100%	100%
Limits on variable interest rates based on net debt	40%	40%	40%
Maturity Structure of fixed interest rate borrowing 2023/24			
	Lower	Upper	
Under 12 months	0%	40%	
12 months to 2 years	0%	50%	
2 years to 5 years	0%	60%	
5 years to 10 years	0%	80%	
10 years and above	0%	100%	

Policy on Borrowing in Advance of Need

66. The Council will not borrow more than or in advance of its needs purely in order to profit from the investment of the extra sums borrowed. Any decision to borrow in advance of need will be within forward approved Capital Financing Requirement estimates, and will be considered carefully to ensure that value for money can be demonstrated and that the Council can ensure the security of such funds through its investment strategy.
67. Risks associated with any borrowing in advance activity will be subject to prior appraisal and subsequent reporting through the mid-year or annual reporting mechanism.

Debt Rescheduling

68. Rescheduling of current borrowing in our debt portfolio is unlikely to occur as there is still a very large difference between premature redemption rates and new borrowing rates,
69. If there was a possibility the reasons for any rescheduling to take place will include:
- (a) The generation of cash savings and / or discounted cash flow savings;
 - (b) Helping to fulfil the treasury strategy;
 - (c) Enhance the balance of the portfolio (amend the maturity profile and/or the balance of volatility).
70. Consideration will also be given to identify if there is any residual potential for making savings by running down investment balances to repay debt prematurely as short term rates on investments are likely to be lower than rates paid on current debt.
71. If rescheduling was done it will be reported to Committee at the earliest meeting following its action.

New Financial Institutions as a source of borrowing

72. Currently the PWLB Certainty Rate is set at gilts + 80 basis points for both HRA and Non-HRA borrowing. However, consideration may still need to be given to sourcing funding from the following sources for the following reasons:
- (a) Local authorities (primarily shorter dated maturities out to 3 years or so – still cheaper than the Certainty Rate)
 - (b) Financial institutions (primarily insurance companies and pension funds but also some banks, out of forward dates where the objective is to avoid a 'cost of carry' or to achieve refinancing certainty over the next few years)
 - (c) Municipal Bond Agency (possibly still a viable alternative depending on market circumstances prevailing at the time).
73. Our advisors will keep us informed as to the relative merits of each of these alternative funding sources.

Annual Investment Strategy

Investment and Creditworthiness Policy

74. The DLUHC and CIPFA have extended the meaning of 'investments' to include both financial and non-financial investments. This report deals solely with financial investments (as managed by the treasury management team). Non-financial investments, essentially the purchase of income yielding assets, are covered in the Capital Strategy.
75. The Council's investment policy has regard to the following:
- (a) DLUHC's Guidance on Local Government Investments ("the Guidance")
 - (b) CIPFA Treasury Management in Public Services Code of Practice and Cross Sectoral Guidance Notes 2021 ("the Code")
 - (c) CIPFA Treasury Management Guidance Notes 2021
76. The Council's investment priorities will be security first, liquidity second and then yield (return). The Council will aim to achieve the optimum return (yield) on its investments commensurate with proper levels of security and liquidity and with the Council's risk appetite.
77. In the current economic climate it is considered appropriate to keep investments short term to cover cash flow needs. However, where appropriate (from an internal as well as external perspective), the Council will also consider the value available in periods up to 12 months with high credit rated financial institutions, as well as wider range fund options.
78. The above guidance from the DLUHC and CIPFA place a high priority on the management of risk. This Council has adopted a prudent approach to managing risk and defines its risk appetite by the following means:

- (a) Minimum acceptable credit criteria are applied in order to generate a list of highly creditworthy counterparties. This also enables diversification and thus avoidance of concentration risk. The key ratings used to monitor counterparties are the short-term and long-term ratings.
- (b) Other information: ratings will not be the sole determinant of the quality of an institution; it is important to continually assess and monitor the financial sector on both a micro and macro basis and in relation to the economic and political environments in which institutions operate. The assessment will also take account of information that reflects the opinion of the markets. To achieve this consideration the Council will engage with its advisors to maintain a monitor on market pricing such as 'credit default swaps' and overlay that information on top of the credit ratings.
- (c) Other information sources used will include the financial press, share prices and other such information pertaining to the financial sector in order to establish the most robust scrutiny process on the suitability of potential investment counterparties.
- (d) This Council has defined the list of types of investment instruments that the treasury management team are authorised to use. There are 2 lists in **Appendix 2** under the categories of 'specified' and 'non-specified' investments.
 - (i) Specified investments are those with a high level of credit quality and subject to a maturity limit of one year.
 - (ii) Non-specified investments are those with less high credit quality, may be for periods in excess of one year, and/or are more complex instruments which require greater consideration by Members and officers before being authorised for use.
- (e) Lending limits, (amounts and maturity), for each counterparty will be set through applying the matrix table in Table 13.
- (f) Transaction limits are set for each type of investment in Table 13.
- (g) This Council will set a limit for the amount of its investments which are invested for longer than 365 days.
- (h) Investments will be placed with counterparties from countries with a specified minimum sovereign rating.
- (i) This Council has engaged external consultants, to provide expert advice on how to optimise an appropriate balance of security, liquidity and yield, given the risk appetite of this Council in the context of the expected level of cash balances and need for liquidity throughout the year.
- (j) All investments will be denominated in sterling.

- (k) As a result of the change in accounting standards for 2022/23 under International Financial Reporting Standard (IFRS) 9, this Council will consider the implications of investment instruments which could result in an adverse movement in the value of the amount invested and resultant charges at the end of the year to the General Fund. (In November 2018 the Ministry of Housing, Communities and Local Government [MHCLG], concluded a consultation for a temporary override to allow English local authorities time to adjust their portfolio of all pooled investments by announcing a statutory override to delay implementation of IFRS 9 for 5 years ending 31 March 2023). This has recently been extended by Government for a further 2 years until 31 March 2025.

79. However, this Council will also pursue value for money in treasury management and will monitor the yield from investment income against appropriate benchmarks for investment performance. Regular monitoring of investment performance will be carried out during the year.

Changes in risk management policy from last year

80. The above criteria are unchanged from last year.

Investment Counterparty Selection Criteria

Creditworthiness policy

81. This Council applies the creditworthiness service provided by the Link Group. This service employs a sophisticated modelling approach utilising credit ratings from the three main credit rating agencies – Fitch, Moody's and Standard & Poor's. The credit ratings of counterparties are supplemented with the following overlays:

- (a) 'Watches' and 'Outlooks' from credit rating agencies;
- (b) CDS spreads that may give early warning of changes in credit ratings;
- (c) Sovereign ratings to select counterparties from only the most creditworthy countries.

82. This modelling approach combines credit ratings, and any assigned Watches and Outlooks, in a weighted scoring system which is then combined with an overlay of CDS spreads. The end product of this is a series of colour coded bands which indicate the relative creditworthiness of counterparties. These colour codes are used the Council to determine the suggested duration for investments. The Council will, therefore, use counterparties within the following durational bands:

- (a) Yellow 5 years
- (b) Purple 2 years
- (c) Blue 1 year (applies to nationalised or semi-nationalised UK Banks)
- (d) Orange 1 year
- (e) Red 6 months
- (f) Green 100 days
- (g) No colour not to be used

83. The Link creditworthiness service uses a wider array of information other than just primary ratings. Furthermore, by using a risk weighted scoring system, it does not give undue preponderance to just one agency's ratings.
84. Typically, the minimum credit ratings criteria the Council uses will be a short-term rating (Fitch or equivalents) of F1 and a long-term rating of A-. There may be occasions when the counterparty ratings from one agency are marginally lower than these ratings but may still be used. In these instances, consideration will be given to the whole range of ratings available, or other topical market information, to support their use.
85. All credit ratings will be monitored regularly. The Council is alerted to changes to ratings of all three agencies through its use of the Link creditworthiness service.
 - (a) If a downgrade results in the counterparty / investment scheme no longer meeting the Council's minimum criteria, its further use as a new investment will be withdrawn immediately.
 - (b) In addition to the use of credit ratings the Council will be advised of information in movements in Credit Default Swap spreads against the iTraxx European Senior Financials benchmark and other market data on a daily basis via its Passport website, provided exclusively to it by Link. Extreme market movements may result in downgrade of an institution or removal from the Council's lending list.
86. Sole reliance will not be placed on the use of this external service. In addition, this Council will also use market data and market information, as well as information on any external support for banks to help support its decision-making process.
87. Any investment in Property Funds/ Corporate Bond Funds/ Asset Backed Investment Products will be subject to due diligence for each and every fund considered. The maximum amount invested in any one fund will be £20million with a maximum of £50million total for all funds.

Table 13 – Time and monetary limits applying to investments

	Colour (and long-term rating where applicable)	Transaction Limit	Time Limit
Banks	Yellow	£5m	5 years
Banks	Purple	£4m	2 years
Banks	Orange	£3m	1 year
Banks 2 category – part nationalised	Blue	£5m	1 year
Banks	Red	£4m	6 months
Banks	Green	£4m	100 days
Banks	No Colour	Not to be used	
Banks 3 category – Council’s banker (where ‘No Colour’)		£4m	1 day
DMADF (Debt Management Office)	UK sovereign rating	unlimited	6 months
Other institutions limit			1 year
Local authorities	n/a	£5m per Local Authority	2 years
Money market Funds (CNAV, LVNAV & VNAV) and Ultra Short Dated Bond Funds	AAA	£5m per Fund	Liquid
Property Funds, Corporate Bond Funds and other Asset backed Investment products	AAA	£20m per Fund	

88. Due care will be taken to consider the exposure of the Council’s total investment portfolio to non-specified investments, countries, groups and sectors.
89. The Council has determined that it will only use approved counterparties from the UK and from countries with a minimum sovereign credit rating of AA- from Fitch. The list of countries that qualify using this credit criteria as at the date of this report are shown in **Appendix 3**. This list will be added to, or deducted from, by officers should ratings change in accordance with this policy.
90. The proposed criteria for Specified and Non-Specified investments are shown in Appendix 2 for approval.

Investment Strategy

In-house funds

91. Investments will be made with reference to the core balance and cash flow requirements and the outlook for short-term interest rates (i.e. rates for investments up to 12 months). Greater returns are usually obtainable by investing for longer periods. The current shape of the yield curve suggests that is the case at present, but there is the prospect of Bank Rate peaking in the first half of 2023 so an agile investment strategy would be appropriate to optimise returns.
92. Accordingly, while most cash balances are required in order to manage the ups and downs of cash flow, where cash flows can be identified that could be invested for longer periods, the value to be obtained from longer-term investments will be carefully assessed.

Investment returns expectations

93. The current forecast shown in paragraph 58, includes a forecast for Bank Rate to reach 4.5% in quarter 2 2023.
94. The suggested budgeted investment earnings rates for returns on investments placed for periods up to about three months during each financial year are as follows:-
- | | | |
|-----|---------------------|-------|
| (a) | 2022/23 (remainder) | 3.95% |
| (b) | 2023/24 | 4.40% |
| (c) | 2024/25 | 3.30% |
| (d) | 2025/26 | 2.60% |
| (e) | 2026/27 | 2.50% |
| (f) | Years 6 to 10 | 2.80% |
| (g) | Years 10+ | 2.80% |
95. As there are so many variables at this time, caution must be exercised in respect of all interest rate forecasts.

Investment treasury indicator and limit

96. Total principal funds invested for greater than 365 days. These limits are set with regard to the Council's liquidity requirements and to reduce the need for early sale of an investment, and are based on the availability of funds after each year-end.
97. The Committee is asked to approve the treasury indicator and limit: -

Table 14 – Maximum Principal sums invested

	2023/24	2024/25	2025/26
Principal sums invested greater than 365 days	£50m	£50m	£50m

98. For its cash flow generated balances, the Council will seek to utilise its instant access accounts, 30+ day notice accounts, money market funds and short-dated deposits (overnight to three months) in order to benefit from the compounding of interest.

Investment Risk Benchmarking

99. These benchmarks are simple guides to maximum risk, so they may be breached from time to time, depending on movements in interest rates and counterparty criteria. They relate to Investments that are not Property Funds. The purpose of the benchmark is that officers will monitor the current and trend position and amend the operational strategy to manage risk as conditions change. Any breach of the benchmarks will be reported, with supporting reasons in the Mid-Year or Annual Report.

100. Security - The Council’s maximum security risk benchmark for the current portfolio, when compared to these historic default tables, is:

0.077% historic risk of default when compared to the whole portfolio.

101. Liquidity – in respect of this area the Council seeks to maintain:

- (a) Bank overdraft - £0.100m
- (b) Liquid short-term deposits of at least £3.000m available with a week’s notice
- (c) Weighted Average Life benchmark is expected to be 1 year.

102. Yield - local measures of yield benchmarks are:

- (a) Investments – internal returns above the 7-day Sterling Overnight Index Average (SONIA) compounded rate
- (b) Investments – Longer term – capital investment rates returned against comparative average rates

103. In addition that the security benchmark for each individual year is:

Table 15 - Security Benchmark

	1 year	2 years
Maximum	0.077%	0.077%

Note: This benchmark is an average risk of default measure and would not constitute an expectation of loss against a particular investment.

104. The above reported benchmarks for Security Liquidity and Yield all relate to Deposits with Banks and Money Market Funds but would not relate to Property Funds.
105. It is proposed that property funds will be benchmarked for performance against the IPD All Balanced Fund index which is the universe of all property funds, data for this can be provided by our Treasury Management advisors Link Group.

End of year investment report

106. At the end of the financial year, the Council will report on its investment activity as part of its Annual Treasury Report.

Outcome of Consultation

107. No consultation was undertaken in the production of this report.

Economic Background provided by Link Group

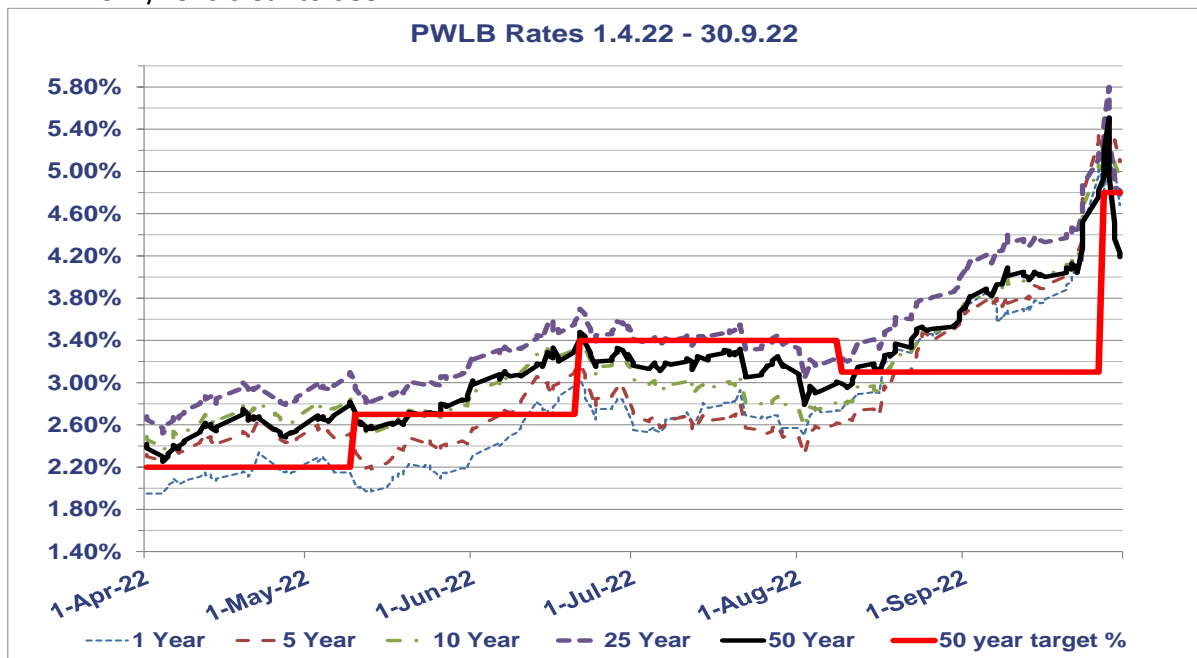
1. Against a backdrop of stubborn inflationary pressures, the easing of Covid restrictions in most developed economies, the Russian invasion of Ukraine, and a range of different UK Government policies, it is no surprise that UK interest rates have been volatile right across the curve, from Bank Rate through to 50-year gilt yields, for all of 2022.
2. Market commentators' misplaced optimism around inflation has been the root cause of the rout in the bond markets with, for example, UK, EZ and US 10-year yields all rising by over 200bps since the turn of the year. The table below provides a snapshot of the conundrum facing central banks: inflation is elevated but labour markets are extraordinarily tight, making it an issue of fine judgment as to how far monetary policy needs to tighten.

	UK	Eurozone	US
Bank Rate	3.0%	1.5%	3.75%-4.00%
GDP	-0.2%q/q Q3 (2.4%/y/y)	+0.2%q/q Q3 (2.1%/y/y)	2.6% Q3 Annualised
Inflation	11.1%/y/y (Oct)	10.0%/y/y (Nov)	7.7%/y/y (Oct)
Unemployment Rate	3.6% (Sep)	6.6% (Sep)	3.7% (Aug)

3. Q2 of 2022 saw UK GDP revised upwards to +0.2% q/q, but this was quickly reversed in the third quarter, albeit some of the fall in GDP can be placed at the foot of the extra Bank Holiday in the wake of the Queen's passing. Nevertheless, CPI inflation has picked up to what should be a peak reading of 11.1% in October, although with further increases in the gas and electricity price caps pencilled in for April 2023, and the cap potentially rising from an average of £2,500 to £3,000 per household, there is still a possibility that inflation will spike higher again before dropping back slowly through 2023.
4. The UK unemployment rate fell to a 48-year low of 3.6%, and this despite a net migration increase of c500k. The fact is that with many economic participants registered as long-term sick, the UK labour force actually shrunk by c£500k in the year to June. Without an increase in the labour force participation rate, it is hard to see how the UK economy will be able to grow its way to prosperity, and with average wage increases running at 5.5% - 6% the MPC will be concerned that wage inflation will prove just as sticky as major supply-side shocks to food and energy that have endured since Russia's invasion of Ukraine on 22nd February 2022.
5. Throughout Q3 Bank Rate increased, finishing the quarter at 2.25% (an increase of 1%). Q4 has seen rates rise to 3% in November and the market expects Bank Rate to hit 4.5% by May 2023.
6. Following a Conservative Party leadership contest, Liz Truss became Prime Minister for a tumultuous seven weeks that ran through September and December. Put simply, the markets did not like the unfunded tax-cutting and heavy spending policies put forward by

her Chancellor, Kwasi Kwarteng, and their reign lasted barely seven weeks before being replaced by Prime Minister Rishi Sunak and Chancellor Jeremy Hunt. Their Autumn Statement of 17 November gave rise to a net £55bn fiscal tightening, although much of the “heavy lifting” has been left for the next Parliament to deliver. However, the markets liked what they heard, and UK gilt yields have completely reversed the increases seen under the previous tenants of No10/11 Downing Street.

7. Globally, though, all the major economies are expected to struggle in the near term. The fall below 50 in the composite Purchasing Manager Indices for the UK, US, EZ and China all point to at least one if not more quarters of GDP contraction. In November, the MPC projected eight quarters of negative growth for the UK lasting throughout 2023 and 2024, but with Bank Rate set to peak at lower levels than previously priced in by the markets and the fiscal tightening deferred to some extent, it is not clear that things will be as bad as first anticipated by the Bank.
8. The £ has strengthened of late, recovering from a record low of \$1.035, on the Monday following the Truss government’s “fiscal event”, to \$1.20. Notwithstanding the £’s better run of late, 2023 is likely to see a housing correction of some magnitude as fixed-rate mortgages have moved above 5% and affordability has been squeezed despite proposed Stamp Duty cuts remaining in place.
9. In the table below, the rise in gilt yields, and therein PWLB rates, through the first half of 2022/23 is clear to see.



10. However, the peak in rates on 28th September as illustrated in the table covering April to September 2022 below, has been followed by the whole curve shifting ever lower. PWLB rates at the front end of the curve are generally over 1% lower now whilst the 50 years is over 1.75% lower.

	1 Year	5 Year	10 Year	25 Year	50 Year
Low	1.95%	2.18%	2.36%	2.52%	2.25%
Date	01/04/2022	13/05/2022	04/04/2022	04/04/2022	04/04/2022
High	5.11%	5.44%	5.35%	5.80%	5.51%
Date	28/09/2022	28/09/2022	28/09/2022	28/09/2022	28/09/2022
Average	2.81%	2.92%	3.13%	3.44%	3.17%
Spread	3.16%	3.26%	2.99%	3.28%	3.26%

11. After a shaky start to the year, the S&P 500 and FTSE 100 have climbed in recent weeks, albeit the former is still 17% down and the FTSE 2% up. The German DAX is 9% down for the year.

CENTRAL BANK CONCERNS – NOVEMBER 2022

12. At the start of November, the Fed decided to push up US rates by 0.75% to a range of 3.75% - 4%, whilst the MPC followed a day later by raising Bank Rate from 2.25% to 3%, in line with market expectations. EZ rates have also increased to 1.5% with further tightening in the pipeline.
13. Having said that, the press conferences in the US and the UK were very different. In the US, Fed Chair, Jerome Powell, stated that rates will be elevated and stay higher for longer than markets had expected. Governor Bailey, here in the UK, said the opposite and explained that the two economies are positioned very differently so you should not, therefore, expect the same policy or messaging.
14. Regarding UK market expectations, although they now expect Bank Rate to peak within a lower range of 4.5% - 4.75%, caution is advised as the Bank of England Quarterly Monetary Policy Reports have carried a dovish message over the course of the last year, only for the Bank to have to play catch-up as the inflationary data has proven stronger than expected.
15. In addition, the Bank's central message that GDP will fall for eight quarters starting with Q3 2022 may prove to be a little pessimistic. Will the £160bn excess savings accumulated by households through the Covid lockdowns provide a spending buffer for the economy – at least to a degree? Ultimately, however, it will not only be inflation data but also employment data that will mostly impact the decision-making process, although any softening in the interest rate outlook in the US may also have an effect (just as, conversely, greater tightening may also).

Treasury Management Practice (TMP1) – Credit and Counterparty Risk Management

Specified Investments

1. All such investments will be sterling denominated, with maturities up to a maximum of 1 year, meeting the minimum 'high' quality criteria where applicable. (Non-specified investments which would be specified investments apart from originally being for a period longer than 12 months, will be classified as being specified once the remaining period to maturity falls to under twelve months).

Non-Specified Investments

2. These are any investments which do not meet the specified investment criteria.
3. A variety of investment instruments will be used, subject to the credit quality of the institution, and depending on the type of investment made, it will fall into one of the above categories.

4. The criteria, time limits and monetary limits applying to institutions or investment vehicles are:

	Minimum credit criteria / colour band	Max % of total investment / £ limit per institution	Max. maturity period
Debt Management Account Deposit Facility (DMADF) – UK Government	Yellow	100%	6 months (max is set by DMO)
UK Gilts	Yellow		5 years
UK Treasury Bills	Yellow		364 days (max is set by DMO)
Bonds issued by multilateral development banks	Yellow		5 years
Money Market Funds CNAV	AAA	100%	Liquid
Money Market Funds LNAV	AAA		Liquid
Money Market Funds VNAV	AAA		Liquid
Ultra-Short Dated Bond Funds with a credit score of 1.25	AAA	100%	Liquid
Ultra-Short Dated Bond Funds with a credit score of 1.5	AAA	100%	Liquid
Local Authorities	Yellow	100%	5 years
Term Deposits with Housing Associations	Blue Orange Red Green No Colour		12 months 12 months 6 months 100 days Not for use
Term Deposits with Banks and Building Societies	Blue Orange Red Green No Colour		12 months 12 months 6 months 100 days Not for use
CD's or Corporate Bonds with Banks and Building Societies	Blue Orange Red Green No Colour		12 months 12 months 6 months 100 days Not for use
Gilt Funds	UK Sovereign rating		

APPROVED COUNTRIES FOR INVESTMENTS

This list is based on those countries which have sovereign ratings of AA- or higher, (we show the lowest rating from Fitch, Moody's and S&P) and also, (except - at the time of writing - for Hong Kong and Luxembourg), have banks operating in sterling markets which have credit ratings of green or above in the Link creditworthiness service.

Based on lowest available rating

AAA:

- (a) Australia
- (b) Denmark
- (c) Germany
- (d) Netherlands
- (e) Norway
- (f) Singapore
- (g) Sweden
- (h) Switzerland

AA+:

- (a) Canada
- (b) Finland
- (c) U.S.A.

AA:

- (a) Abu Dhabi (UAE)
- (b) France

AA-:

- (a) Belgium
- (b) Qatar
- (c) U.K.