TREASURY MANAGEMENT STRATEGY STATEMENT AND ANNUAL INVESTMENT STRATEGY 2022/23 TO 2024/25

REPORT OF:	Head of Corporate Resources
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Wards Affected:	All
Key Decision:	No
Report to:	Council 30 March 2022

Purpose of Report

1. This report sets out the Council's investment and borrowing strategy for the forthcoming three years and reports the counterparty list with which investments may be made. It also sets out the Prudential Limits that provide the parameters for approved future lending and borrowing, including the incidental cost of so doing.

Summary

2. The purchase of the Orchard Shopping Centre head lease in November 2016 necessitated borrowing of £22m from other Local Authorities. The final £5m was repaid last November.

   Lending is restricted to the same counterparties and within the same limits as in the previous strategy approved in March 2021 except for the following amendments already reported:

   (i) Due to the increase in funds available for investment, and the requirement to keep significant liquidity, the Head of Corporate Resources recommends increases in the Council's counterparty investment limits as follows, subject to compliance with the approved ratings:

   - from £4m to £5m for UK banks: HSBC, National Westminster, Barclays, Santander, Handelsbanken, Goldman Sachs International Bank and Close Brothers
   - from £4m to £7m for the Council's banker, currently Lloyds Bank.

   (ii) Add HSBC Environmental, Social and Governance Sterling Liquidity fund to the list of money market fund counterparties.

   In addition, it is proposed to add Standard Chartered Bank to the list of specified investments – this bank is offering sustainable fixed term deposits.

3. This report was considered at a meeting of the Audit Committee of 1st March and supported unanimously without any textual or policy amendments.

Recommendations

4. Council is recommended to agree:

(i) the proposed Treasury Management Strategy Statement (TMSS) for 2022/23 and the following two years,

(ii) the Annual Investment Strategy (AIS) and the Minimum Revenue Provision Statement (MRP) as contained in Sections 4 and 2.3 respectively of the report;
(iii) the proposed amendments to the specified and non-specified investment appendices;
(iv) the Prudential Indicators contained within this report.

Background

5. The Council applies and upholds the Chartered Institute of Public Finance and Accountancy's Code of Practice for Treasury Management in Public Services (the "CIPFA TM Code"). CIPFA has defined Treasury Management as:

   "the management of the organisation'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."

6. The Code requires local authorities to produce an annual Treasury Management Strategy Statement (TMSS), which documents the Council's approach to capital financing and investments for the forthcoming financial year (2022/23) and the following two years. This report fulfils that requirement.

7. In producing the TMSS, The Local Government Act 2003 (the Act) and supporting regulations require the Council to 'have regard to' the CIPFA Prudential Code and the CIPFA Treasury Management Code of Practice to set Prudential and Treasury Indicators for the next three years. The indicators are established to ensure that the Council's capital investment plans are affordable, prudent and sustainable.

8. Additionally, the Act and its subsequent Investment Guidance require the Council to set out its treasury management strategy for borrowing, and to prepare an Annual Investment Strategy (AIS). The Council's borrowing position is reported in Section 3, with arrangements for making Minimum Revenue Provision (MRP) for repayment of debt explained in Section 2.3. The AIS is contained in Section 4 of this report, and describes the Council's policies for managing its investments, and for giving priority to the security and liquidity of those investments.

9. Statute requires that the AIS, MRP Statement, and Prudential Indicators are approved by full Council before the start of the new financial year.

Policy Context

10. Providing transparency and approval of the strategies contained in this report is an important part of the Council's statutory role. Treasury Management has become increasingly topical given the nature of the world's financial markets in recent years, and Members are expected to have a basic understanding of how the Council uses its reserves and cash flows which are in the stewardship of the Head of Corporate Resources.

Other Options Considered

11. None – this report is statutorily required.

Financial Implications

12. This report has no quantifiable financial implications. Interest payable and interest receivable arising from treasury management operations, and annual revenue provisions for repayment of debt, form part of the revenue budget but are not required to support the provision of services.

Risk Management Implications

13. This report has no specific implications for the risk profile of the Authority.

Equality and Customer Service Implications

14. None.

Other Material Implications

15. None.

Sustainability Implications

16. None.

Background Papers

- Treasury Management Strategy Statement & Annual Investment Strategy 2021/22 to 2023/24 (March 2021)
- Annual Review of Treasury Management 2020-21 (September 2021)
- Review of Treasury Management Activity 1 April – 30 September 2021 (Nov. 2021)
- Treasury Management in the Public Services: Code of Practice and Cross Sectoral Guidance Notes (CIPFA)
- The Prudential Code for Capital Finance in Local Authorities (CIPFA, December 2017)
- MHCLG Investment Guidance and MRP Guidance
- Link Asset Services report template (February 2022)

Treasury Management Strategy Statement & Annual Investment 2022/23 to 2024/25

INTRODUCTION

1.1 Background

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 low risk appetite, providing adequate liquidity initially before considering investment return.

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.

The contribution the treasury management function makes to the authority 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.

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.

1.2 Reporting requirements

1.2.1 Capital Strategy

The CIPFA revised 2017 Prudential and Treasury Management Codes require all local authorities to prepare a capital strategy report which will provide the following:

- a high-level long term overview of how capital expenditure, capital financing and treasury management activity contribute to the provision of services
- an overview of how the associated risk is managed
- the implications for future financial sustainability

The aim of this 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.

1.2.2 Treasury Management reporting

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

a. Prudential and treasury indicators and treasury strategy (this report) - the first, and most important report covers:

- the capital plans (including prudential indicators);
- a minimum revenue provision (MRP) policy (how residual capital expenditure is charged to revenue over time);

- the treasury management strategy (how the investments and borrowings are to be organised) including treasury indicators; and
- an investment strategy (the parameters on how investments are to be managed).

The approval of the Treasury Management Strategy and Annual Investment Strategy is the function of the Council, however the Head of Corporate Resources shall also report to the Audit Committee on treasury management activity performance as follows:

b. **A mid year treasury management report** – This will update Members with the progress of the capital position, amending prudential indicators as necessary, and whether any policies require revision. The report will be submitted as soon after 30 September as practically possible.

c. **An annual treasury report** – This provides details of a selection of actual prudential and treasury indicators and actual treasury operations compared to the estimates within the strategy. The report will be submitted no later than 30 September after the financial year end.

1.2.3 Scrutiny

The above reports are required to be adequately scrutinised before being recommended to the Council. This role is undertaken by the Audit Committee, which may make recommendations regarding any aspects of treasury management policy and practices it considers appropriate in fulfilment of its scrutiny role. Such recommendations, as may be made shall be incorporated within the above named reports and submitted to meetings of the Council for consideration at the next available opportunity. The Council's Scheme of Delegations is set out in Appendix E.

1.3 Treasury Management Strategy for 2022/23

The strategy for 2022/23 covers two main areas:

Capital issues

- the capital expenditure plans and the associated prudential indicators;
- the minimum revenue provision (MRP) policy.

Treasury management issues

- the current treasury position;
- treasury indicators which limit the treasury risk and activities of the Council;
- prospects for interest rates;
- the borrowing strategy;
- policy on borrowing in advance of need;
- debt rescheduling;
- the investment strategy;
- creditworthiness policy; and
- policy on use of external service providers.

These elements cover the requirements of the Local Government Act 2003, DLUHC Investment Guidance, DLUHC MRP Guidance, the CIPFA Prudential Code and the CIPFA Treasury Management Code.

1.4 **Training**

The CIPFA Code requires the responsible officer to ensure that Members with responsibility for treasury management receive adequate training. This especially applies to Members responsible for scrutiny. Training was supplied to Members by Link Asset Services on the 28th September 2021. The training needs of the treasury management officers at Adur District Council, who provide the shared treasury service to Mid Sussex District Council, are periodically reviewed. Officers attend courses provided by appropriate trainers such as CIPFA and Link Asset Services. These courses have been delivered on-line during the Covid-19 period.

1.5 **External Service Providers**

The Council obtains treasury management services under a Shared Services Arrangement (SSA) from the in-house treasury management team formed out of the partnership working between Adur District and Worthing Borough Councils. The operation for all three Councils' treasury management is based at Worthing Town Hall, utilising similar banking arrangements. The SSA is provided under a Service Level Agreement (SLA) that commenced in October 2019 and which defines the respective roles of the client and provider authorities for a period of three years.

The SSA uses Link Group, Treasury Solutions as its external treasury management advisors. The Council recognises that there is value in employing external providers of treasury management services in order to acquire access to specialist skills and resources.

In making this arrangement the Council recognises that responsibility for treasury management decisions remains with the organisation at all times and will ensure that reliance beyond the terms and arrangements specified in the SLA is not placed upon the shared service providers. The Council will ensure that the terms of the appointment of the shared services providers, and the methods by which their value will be assessed, are properly agreed and documented and subjected to regular review.

2. THE CAPITAL PRUDENTIAL INDICATORS 2022/23 – 2024/25

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.

2.1 **Capital expenditure**

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. The figures exclude other long term liabilities, such as leasing arrangements which already include borrowing instruments. Members are asked to approve the capital expenditure forecasts:

Capital expenditure £m	2020/21 Actual	2021/22 Estimate	2022/23 Estimate	2023/24 Estimate	2024/25 Estimate
General Fund	11.419	12.368	2.038	1.853	1.096

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.

Financing of capital expenditure £m	2020/21 Actual	2021/22 Estimate	2022/23 Estimate	2023/24 Estimate	2024/25 Estimate
Capital receipts	21.411	3.104	0.243	0.167	0.050
Capital grants, Contributions & S106 receipts	8.326	8.662	1.550	1.556	0.900
General Reserves, Specific Reserves & Revenue Contributions	1.403	0.602	0.245	0.130	0.146
Net financing need for the year	0.000	0.000	0.000	0.000	0.000

2.2 **The Council's borrowing need (the Capital Financing Requirement)**

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.

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 asset's life and so charges the economic consumption of capital assets as they are used.

The CFR includes any other long term liabilities (e.g. finance leases). Whilst these increase the CFR, and therefore the Council's borrowing requirement, these types of scheme include a borrowing facility and so the Council is not required to separately borrow for these schemes. The Council currently has one finance lease taken out in 2018 and ending in 2028.

The Council is asked to approve the CFR projections below:

Capital Financing Requirement £m	2020/21 Actual	2021/22 Estimate	2022/23 Estimate	2023/24 Estimate	2024/25 Estimate
Total CFR at 31/03	7.195	6.661	6.114	5.714	5.307
Movement in CFR	(20.243)	(0.534)	(0.547)	(0.401)	(0.407)
Movement in CFR represented by:					
Net financing need for the year (above)	(19.721)	0.000	0.000	0.000	0.000
Less MRP and other financing movements	(0.522)	(0.534)	(0.547)	(0.401)	(0.407)
Movement in CFR	(20.243)	(0.534)	(0.547)	(0.401)	(0.407)

2.3 **Minimum revenue provision (MRP) policy statement**

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), although it is also allowed to undertake additional voluntary payments if required (voluntary revenue provision - VRP). Repayments included in finance leases are applied as MRP.

DLUHC regulations have been issued which require the full Council to approve an MRP Statement in advance of each year. A variety of options is provided to councils, so long as there is a prudent provision. The Council is recommended to approve the following MRP Statement:

The Council's policy for MRP relating to unfunded capital expenditure is to provide for MRP on an annuity basis over the life of the loans (except as detailed below for the Orchard Shopping Centre). As an annuity is a fixed annual sum comprising interest and principal, the MRP for repayment of debt will increase each year over the asset life as the proportion of interest calculated on the principal outstanding reduces as the debt is repaid.

The purchase of the Orchard Shopping Centre head lease in November 2016 increased the Capital Financing Requirement. However, due to capital receipts on Hurst Farm, MRP will only be provided on £5m. This will be done on a level basis of £100,000 per year.

2.4 Funds available for investment

The application of resources (capital receipts, reserves etc.) to either finance capital expenditure or other budget decisions to support the revenue budget will have an ongoing impact on investments unless resources are supplemented each year from new sources (asset sales etc.). Detailed below are estimates of the year-end balances excluding the investment in the Local Authorities' Property Fund, which the Council views as a long term investment.

Investments	2021/22 Estimate	2022/23 Estimate	2023/24 Estimate	2024/25 Estimate
	£m	**£m**	**£m**	**£m**
Balance at 1 April	45.265	45.376	44.384	42.327
Capital Expenditure	(12.368)	(2.038)	(1.853)	(1.096)
Grants, capital receipts & other new funds	12.913	2.038	1.853	1.096
Use of General Fund Reserves		(0.545)	(1.757)	(1.692)
Loan repayments/adjustments	(0.434)	(0.447)	(0.300)	(0.307)
Balance at 31 March	45.376	44.384	42.327	40.328

3.0 BORROWING

The capital expenditure plans set out in Section 2 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 the relevant professional codes, so that sufficient cash is available to meet the 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.

3.1 Current portfolio position

The overall treasury management portfolio as at 31 March 2021 and for the position as at 31 December 2021 are shown below for both borrowing and investments.

	Principal at 31.03.2021 £m	Actual 31.03.2021 %	Principal at 31.12.2021 £m	Actual 31.12.2021 %
External Borrowing				
PWLB	(0.298)	4%	(0.227)	10%
Other Borrowing	(5.000)	66%	-	-
Finance lease	(2.258)	30%	(2.043)	90%
TOTAL BORROWING	**(7.556)**	100%	**(2.270)**	100%
Treasury Investments:				
Local Authority Property Fund	5.689	9%	6.000	6%
In-house:				
Banks	16.035	26%	23.246	26%
Building societies - unrated	19.000	30%	19.000	20%
Building societies - rated	5.000	8%	20.000	22%
Debt Management Office			5.000	5%
Local authorities	2.000	3%	8.000	9%
Money market funds	15.000	24%	11.470	12%
TOTAL INVESTMENTS	**62.724**	100%	**92.716**	100%
NET INVESTMENTS	**55.168**		**90.446**	

The Council's forward projections for borrowing are summarised below. The table shows the actual external debt, against the underlying capital borrowing need (the Capital Financing Requirement - CFR), highlighting any over or under borrowing.

External Debt £m	2020/21 Actual	2021/22 Estimate	2022/23 Estimate	2023/24 Estimate	2024/25 Estimate
Debt at 1 April	7.437	5.298	0.152	0.000	0.000
Expected change in Debt	(2.139)	(5.146)	(0.152)	(0.000)	0.000
Other long-term liabilities (OLTL)	2.541	2.258	1.970	1.676	1.375
Expected change in OLTL	(0.283)	(0.288)	(0.294)	(0.301)	(0.306)
Actual gross debt at 31 March	7.556	2.122	1.676	1.375	1.069
The Capital Financing Requirement	7.195	6.661	6.114	5.714	5.307
Under/(over) borrowing	(0.361)	4.539	4.438	4.339	4.238

The Council's debt comprises one loan from the Public Works Loan Board (PWLB), which matures on 1 March 2023. The "other long term liability" is in respect of capital assets acquired by finance leases.

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 2022/23 and the following two financial years. This allows some flexibility for limited early borrowing for future years, but ensures that borrowing is not undertaken for revenue or speculative purposes.

The Head of Corporate Resources reports that the Council complied with this Prudential Indicator in the current year and does not envisage difficulties for the future. This view takes into account current commitments, existing plans, and the proposals in this report.

3.2 **Treasury Indicators: limits to borrowing activity**

The operational boundary - This is the limit 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.

Operational Boundary	2021/22	2022/23	2023/24	2024/25
	£m	**£m**	**£m**	**£m**
Debt	£28.0m	£28.0m	£28.0m	£28.0m
Other long term liabilities	£4.0m	£4.0m	£4.0m	£4.0m
Total	**£32.0m**	**£32.0m**	**£32.0m**	**£32.0m**

The authorised limit for external debt – 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 the 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.

1. The Council is asked to approve the authorised limit:

Authorised Limit	2021/22	2022/23	2023/24	2024/25
	£m	**£m**	**£m**	**£m**
Debt	£30.0m	£30.0m	£30.0m	£30.0m
Other long term liabilities	£4.0m	£4.0m	£4.0m	£4.0m
Total	**£34.0m**	**£34.0m**	**£34.0m**	**£34.0m**

2. 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.

The Head of Corporate Resources has delegated authority, within the total limit for any individual year, to effect movement between the separately agreed limits for borrowing and other long term liabilities. Decisions will be based on the outcome of financial option appraisals and best value considerations. Any movement between these separate limits will be reported to the next meeting of the Council at the earliest opportunity.

3.3 **Prospects for interest rates**

The Council's shared service provider uses Link Group as its treasury advisor. Link has provided the following forecast for the certainty interest rate (gilt yield plus 80bps):

Link Group Interest Rate View as at 7.2.22								Capital Economics forecasts as at 10.2.22					
	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24	Dec-24	Mar-25
BANK RATE	0.75	1.00	1.00	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
3 month av. earnings	0.80	1.00	1.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
6 month av. earnings	1.00	1.10	1.20	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
12 month av. earnings	1.40	1.50	1.60	1.70	1.70	1.60	1.60	1.50	1.40	1.40	1.40	1.40	1.40
5 yr PWLB	2.20	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30
10 yr PWLB	2.30	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40
25 yr PWLB	2.40	2.50	2.50	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60
50 yr PWLB	2.20	2.30	2.30	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40

Over the last two years, the coronavirus outbreak has done huge economic damage to the UK and to economies around the world. After the Bank of England took emergency action in March 2020 to cut Bank Rate to 0.10%, it left Bank Rate unchanged at its subsequent meetings until raising it to 0.25% at its meeting on 16th December 2021, then again in February to 0.50%.
As shown in the forecast table above, the forecast for Bank Rate now includes three further increases in the financial year 2022/23.
Additional information about the economic background is contained in Appendix F.

Forecasts for PWLB rates and gilt and treasury yields
Since the start of 2021, we have seen a lot of volatility in gilt yields, and hence PWLB rates. As the interest forecast table for PWLB certainty rates above shows, there is forecast to be a steady, but slow, rise in both Bank Rate and gilt yields during the forecast period to March 2025, though there will doubtless be a lot of unpredictable volatility during this forecast period.

While monetary policy in the UK will have a major impact on gilt yields, there is also a need to consider the potential impact that rising treasury yields in America could have on our gilt yields. **As an average since 2011, there has been a 75% correlation between movements in US 10-year treasury yields and UK 10-year gilt yields. This is a significant UPWARD RISK exposure to our forecasts for longer term PWLB rates. However, gilt yields and treasury yields do not always move in unison.**

The balance of risks to medium to long term PWLB rates: -

- There is a balance of upside risks to forecasts for medium to long term PWLB rates.

A new era – a fundamental shift in central bank monetary policy
One of the key results of the pandemic has been a fundamental rethinking and shift in monetary policy by major central banks like the Fed, the Bank of England and the ECB, to tolerate a higher level of inflation than in the previous two decades when inflation was the prime target to bear down on so as to stop it going above a target rate. There is now also a greater emphasis on other targets for monetary policy than just inflation, especially on 'achieving broad and inclusive "maximum" employment in its entirety' in the US, before consideration would be given to increasing rates.

- The Fed in America has gone furthest in adopting a monetary policy based on a clear goal of allowing the inflation target to be symmetrical, (rather than a ceiling to keep under), so that inflation averages out the dips down and surges above the target rate, over an unspecified period of time.
- The Bank of England has also amended its target for monetary policy so that inflation should be 'sustainably over 2%' before starting on raising Bank Rate and the ECB now has a similar policy.

- ***For local authorities, this means that investment interest rates and very short term PWLB rates will not be rising as quickly or as high as in previous decades when the economy recovers from a downturn and the recovery eventually runs out of spare capacity to fuel continuing expansion.***
- Labour market liberalisation since the 1970s has helped to break the wage-price spirals that fuelled high levels of inflation and has now set inflation on a lower path which makes this shift in monetary policy practicable. In addition, recent changes in flexible employment practices, the rise of the gig economy and technological changes, will all help to lower inflationary pressures.
- Governments will also be concerned to see interest rates stay lower as every rise in central rates will add to the cost of vastly expanded levels of national debt; (in the UK this is £21bn for each 1% rise in rates). On the other hand, higher levels of inflation will help to erode the real value of total public debt.

Investment and borrowing rates

- **Investment returns** are expected to improve in 2022/23. 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.

- **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 and still remain at historically low levels. The policy of avoiding new borrowing by running down spare cash balances has served local authorities well over the last few years.

- On 25.11.20, the Chancellor announced the conclusion to the review of margins over gilt yields for PWLB rates which had been increased by 100 bps in October 2019. The standard and certainty margins were reduced by 100 bps but a prohibition was introduced to deny access to borrowing from the PWLB for any local authority which had purchase of assets for yield in its three-year capital programme. The current margins over gilt yields are as follows: -.

    - **PWLB Standard Rate** is gilt plus 100 basis points (G+100bps)
    - **PWLB Certainty Rate** is gilt plus 80 basis points (G+80bps)
    - **PWLB HRA Standard Rate** is gilt plus 100 basis points (G+100bps)
    - **PWLB HRA Certainty Rate** is gilt plus 80bps (G+80bps)
    - **Local Infrastructure Rate** is gilt plus 60bps (G+60bps)

  Borrowing for capital expenditure As Link's long-term (beyond 10 years) forecast for Bank Rate is 2.00%. As nearly all PWLB certainty rates are now above this level, borrowing strategy will need to be reviewed, especially as the maturity curve has flattened out considerably. Better value can be obtained at the very short and at the longer end of the curve and longer-term rates are still at historically low levels. Temporary borrowing rates are likely, however, to remain near Bank Rate and may also prove attractive as part of a balanced debt portfolio. In addition, there are also some cheap alternative sources of long-term borrowing if a client is seeking to avoid a "cost of carry" but also wishes to mitigate future re-financing risk.

- This authority does not plan any borrowing to finance new capital expenditure, or to replace maturing debt. If borrowing **is** undertaken there will be a cost of carry, (the difference between higher borrowing costs and lower investment returns), to 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.

3.4 **Borrowing strategy**

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 investment returns are low and counterparty risk is still an issue that needs to be considered.

Against this background and the risks within the economic forecast, caution will be adopted with the 2022/23 treasury operations. The Head of Corporate Resources will monitor interest rates in financial markets and adopt a pragmatic approach to changing circumstances:

- if it was felt that there is a significant risk of a sharp FALL in borrowing rates, then borrowing, if required, will be postponed.

- if it was felt that there is a significant risk of a much sharper RISE in borrowing rates than that currently forecast, perhaps arising from an acceleration in the rate of increase in central rates in the USA and UK, an increase in world economic activity, or a sudden increase in inflation risks, then the portfolio position will be re-appraised. As stated, there are no current plans to borrow, but if this changes, it is most likely that fixed rate funding will be drawn whilst interest rates are lower than they are projected to be in the next few years.

Any decisions will be reported to the appropriate decision making body at the next available opportunity.

3.5 Policy on borrowing in advance of need

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 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. 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

3.6 Debt rescheduling

The Council has one loan from the Public Works Loan Board, repaid by fixed annuities over the life of the loan. As it would not be possible to prematurely repay the existing loan without incurring a premium charge for early settlement, there is currently no intention to redeem the loan early.

3.7 New financial institutions as a source of borrowing and / or types of borrowing

Currently the PWLB Certainty Rate is set at gilts + 80 basis points for borrowing. However, if borrowing is required, consideration may still need to be given to sourcing funding from the following sources for the following reasons:

- Local authorities (primarily shorter dated maturities out to 3 years or so – still cheaper than the Certainty Rate).
- 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).
- Municipal Bonds Agency (possibly still a viable alternative depending on market circumstances prevailing at the time).

Our advisors will keep us informed as to the relative merits of each of these alternative funding sources if any borrowing is required.

4.0 ANNUAL INVESTMENT STRATEGY

4.1 Investment policy – management of risk

The Department of Levelling Up, Housing and Communities (DLUHC - this was formerly the Ministry of Housing, Communities and Local Government (MHCLG)) and CIPFA have extended the meaning of 'investments' to include both financial and non-financial investments. This report deals solely with treasury (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, (a separate report).

The Council's investment policy has regard to the following: -

- DLUHC's Guidance on Local Government Investments ("the Guidance")
- CIPFA Treasury Management in Public Services Code of Practice and Cross Sectoral Guidance Notes 2017 ("the Code")
- CIPFA Treasury Management Guidance Notes 2018

The Council's investment priorities will be security first, portfolio liquidity second and then yield, (return).

The Head of Corporate Resources, under delegated powers, will undertake through the Shared Service Arrangement the most appropriate form of investments in keeping with the investment objectives, income and risk management requirements, and Prudential Indicators. 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. As conditions in the financial markets remain uncertain, the proposed Specified and Unspecified investments will remaing the same as for 2021/22 except for:

- an increase in counterparty limits from £4m to £5m for UK banks: HSBC, National Westminster, Barclays, Santander, Handelsbanken, Goldman Sachs International Bank and Close Brothers
- an increase in counterparty limit from £4m to £7m for the Council's banker, currently Lloyds Bank.
- HSBC Environmental, Social and Governance Sterling Liquidity fund has been added to the list of money market fund counterparties
- the addition of Standard Chartered Bank to the list of specified investments – this bank is offering sustainable fixed term deposits

Investment instruments identified for use in the financial year are listed in Appendices C and D under the 'specified' and 'non-specified' investments categories. Counterparty limits will be as set through the Council's treasury management practices.

The above guidance from the DLUHC and CIPFA places a high priority on the management of risk. This authority has adopted a prudent approach to managing risk and defines its risk appetite by the following means: -

1. 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.

2. **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.

3. **Other information sources** used will include the financial press, share price 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.

4. This authority has defined the list of **types of investment instruments** that the treasury management team are authorised to use. There are two lists in appendices C and D under the categories of ‘specified’ and ‘non-specified’ investments.

   - **Specified investments** are those with a high level of credit quality and subject to a maturity limit of one year or have less than a year left to run to maturity if originally they were classified as being non-specified investments solely due to the maturity period exceeding one year.
   - **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.

5. **Lending limits**, (amounts and maturity), for each counterparty are set out in Appendices C and D.

6. This authority will set a limit for the amount of its investments which are invested for **longer than 365 days**, (see paragraph 4.8).

7. Investments will only be placed with counterparties from countries with a specified minimum **sovereign rating**, (see paragraph 4.5). The UK is excluded from this limit because it will be necessary to invest in UK banks and other institutions even if the sovereign rating is cut.

8. Through the shared service, this authority has access to **external consultants**, to provide expert advice on how to optimise an appropriate balance of security, liquidity and yield, given the risk appetite of this authority in the context of the expected level of cash balances and need for liquidity throughout the year.

9. All investments will be denominated in **sterling**.

10. As a result of the change in accounting standards for 2022/23 under IFRS 9, this authority 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 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 five years ending 31.3.23. Consequently any fluctuations in the value of the Council’s investment in the Local Authorities’ Property Fund will not be taken through the general fund for the period of the override.

    However, this authority will also pursue **value for money** in treasury management and will monitor the yield from investment income against appropriate benchmarks for investment performance, (see paragraph 4.14). Regular monitoring of investment performance will be carried out during the year.

    Changes in risk management policy from last year

    The above criteria are unchanged from last year other than the changes set out in 4.1.

4.2 **Creditworthiness policy**

The primary principle governing the Council's investment criteria through the Shared Services Arrangement (SSA) is the security of its investments, although the yield or return on the investment is also a key consideration. After this main principle, the SSA will ensure that:

- It maintains a policy covering both the categories of investment types it will invest in, criteria for choosing investment counterparties with adequate security, and monitoring their security. This is set out in the specified and non-specified investment sections in Appendices C and D; and

- It has sufficient liquidity in its investments. For this purpose it will set out procedures for determining the maximum periods for which funds may prudently be committed. These procedures also apply to the Council's Prudential Indicators covering the maximum principal sums invested.

The SSA will maintain a counterparty list in compliance with the criteria in the Appendices and will revise the criteria and submit them to Council for approval as necessary. These criteria are separate to that which determines which types of investment instrument are either specified or non-specified as it provides an overall pool of counterparties considered high quality which the Council may use, rather than defining what types of investment instruments are to be used.

Credit rating information is supplied to the SSA by the Link Group, our treasury advisors, on all active counterparties that comply with the criteria below. Any counterparty failing to meet the criteria would be omitted from the counterparty (dealing) list. Any rating changes, rating Watches (notification of a likely change), rating Outlooks (notification of the longer term bias outside the central rating view) are provided to the SSA almost immediately after they occur and this information is considered before dealing. For instance, a negative rating Watch applying to a counterparty at the minimum Council criteria will be suspended from use, with all others being reviewed in light of market conditions.

Use of additional information other than credit ratings

Additional requirements under the Code require the Council to supplement credit rating information. Whilst the above criteria rely primarily on the application of credit ratings to provide a pool of appropriate counterparties for officers to use, additional operational market information will be applied before making any specific investment decision from the agreed pool of counterparties. This additional market information will be applied to compare the relative security of differing investment opportunities.

The officers of the shared service recognise that ratings should not be the sole determinant of the quality of an institution and that 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, the government support for banks, and the credit ratings of that government support. Accordingly, the shared service will exercise discretion to deviate from Link's suggested durational bands – for example the Council approves the use of Building Societies as set out in the Appendices.

4.3 **Creditworthiness**

Significant levels of downgrades to short- and long-term credit ratings have not materialised since the crisis in March 2020. In the main, where they did change, any alterations were limited to Outlooks. However, as economies are beginning to reopen, there have been some instances of previous lowering of Outlooks being reversed.

CDS prices
Although bank CDS prices (these are market indicators of credit risk) spiked upwards at the end of March / early April 2020 due to the heightened market uncertainty and ensuing liquidity crisis that affected financial markets, they have returned to more average levels since then. However, sentiment can easily shift, so it will remain important to undertake continual monitoring of all aspects of risk and return in the current circumstances. Link monitor CDS prices as part of their creditworthiness service to local authorities and the Council has access to this information via its Link-provided Passport portal.

4.4 **The Council's Minimum Investment Creditworthiness Criteria**

The minimum credit ratings criteria used by the Council generally will be a short term rating (Fitch or equivalents) of F1, and long term rating A-. There may be occasions when the counterparty ratings from one or more of the three Ratings Agencies are marginally lower than the minimum requirements of F1 Short term, A- Long term (or equivalent). Where this arises, the counterparties to which the ratings apply may still be used with discretion, but in these instances consideration will be given to the whole range of topical market information available, not just ratings.

The Council includes **Building Societies** with asset size in excess of £1 billion in its approved counterparty list. It is recognised that they may carry a lower credit rating than the Council's other counterparties, or no rating, therefore the lending limits for the building societies shall be £4m each for the top 3 and £3m for the others.

4.5 **Other limits**

Due care will be taken to consider the exposure of the Council's total investment portfolio to non-specified investments, countries, groups and sectors. The shared service has determined that it will only use approved counterparties from countries (other than the UK) with a minimum sovereign credit rating of AA- from Fitch Ratings (or equivalent from other agencies if Fitch does not provide one). The list of countries that qualify using these credit criteria as at the date of this report is reflected in the counterparty approved lending list at Appendix C. This list will be added to, or deducted from, by officers should ratings change, in accordance with this policy. No more than 25% of investments shall be placed in non-UK financial institutions for more than 7 days.

4.6 **Investment strategy**

In-house funds - 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. While most cash balances are required in order to manage the ups and downs of cash flow, where cash sums can be identified that could be invested for longer periods, the value to be obtained from longer term investments will be carefully assessed. For cash flow balances, the shared service will seek to use notice accounts, money market funds and short-dated deposits to benefit from the compounding of interest

- If it is thought that Bank Rate is likely to rise significantly within the time horizon being considered, then consideration will be given to keeping most investments as being short term or variable.

- Conversely, if it is thought that Bank Rate is likely to fall within that time period, consideration will be given to locking in higher rates currently obtainable, for longer periods.

The Head of Corporate Resources, through the shared service, will undertake the most appropriate form of investments in keeping with the investment objectives, income and risk management requirements and Prudential Indicators. Decisions taken on the core investment portfolio will be reported to the meetings of the Audit Committee and the Council in accordance with the reporting arrangements. The shared service will take into account the ethical, social or climate change policies of counterparties.

Investment returns expectations

The current forecast shown in paragraph 3.3, includes a forecast for Bank Rate to reach 1.25% in November 2022. Since the last Bank of England rate increase announced by the MPC in February, improved forecast rates have been received from Link on 11th February, which was after the Corporate Plan was approved.

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.:

Average earnings in each year	
2022/23	1.00%
2023/24	1.25%
2024/25	1.25%
2025/26	1.25%
Long term later years	1.50%

4.7 **Forecasts for Bank Rate**

- If the UK invokes article 16 of the Brexit deal over the dislocation in trading arrangements with Northern Ireland, this has the potential to end up in a no-deal Brexit.
- Covid remains a major potential downside threat as we are most likely to get further mutations. However, their severity and impact could vary widely, depending on vaccine effectiveness and how broadly it is administered.

In summary, with the high level of uncertainty prevailing on several different fronts, we expect to have to revise our forecasts again - in line with whatever the new news is.

4.8 **Investment treasury indicator and limit - 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. There are currently 3 fixed term deposit investments with a remaining duration of more than 365 days, totalling £6m and the Local Authorities' Property Fund investment of £6m is expected to be held for more than 365 days.

The Council is asked to approve the following treasury indicator limit: -

Maximum proportion of principal sums invested > 365 days	2022/23	2023/24	2024/25
Principal sums invested > 365 days	50%	50%	50%

4.9 In any sustained period of significant stress in the financial markets, the default position is for investments to be placed with The Debt Management Account Deposit Facility of the Debt Management Office (DMO) of the UK central government. The rates of interest are usually below equivalent money market rates, however, the returns are an acceptable trade-off for the guarantee that the Council's capital is secure.

4.10 The Council's proposed investment activity for placing cash deposits in 2022/23 will be to use:

- AAA rated Money Market Funds with a Constant Net Asset Value (CNAV) or a Low Volatility Net Asset Value (LVNAV) under the new money market fund regulations

- other local authorities, parish councils etc.

- bank business reserve accounts and term deposits. These are primarily restricted to UK institutions that are rated at least A- long term.

- Building Societies with asset size in excess of £1 billion

4.11 **Other Options for Longer Term Investments**

To provide the Council with options to enhance returns above those available for short term durations, it is proposed to retain the option to use the following for longer term investments, as an alternative to cash deposits:

a) **Supranational bonds** greater than 1 year to maturity

b) **Gilt edged securities** with a maturity of greater than one year. These are Government bonds and so provide the highest security of interest and the repayment of principal on maturity. Similar to category (a) above, the value of the bond may rise or fall before maturity and losses may accrue if the bond is sold before maturity.

c) **Building Societies** not meeting the basic security requirements under the specified investments, but on the list in Appendix C (b). The operation of some building societies does not require a credit rating, although in every other respect the security of the society would match similarly sized societies with ratings.

d) Any **bank** that has a minimum long term credit rating of A- for deposits with a maturity of greater than one year (including forward deals in excess of one year from inception to repayment).

e) Any **non-rated subsidiary** of a credit rated institution included in the specified investment category. These institutions will be included as an investment category subject to a guarantee from the parent company, and exposure up to the limit applicable to the parent.

g) **Property Investment Funds** for example the Local Authorities' Property Fund. The Councils will consult the Treasury Management Advisors and undertake appropriate due diligence before investment of this type is undertaken. Some of these funds are deemed capital expenditure – the Councils will seek guidance on the status of any fund considered for investment.

h) Other **local authorities**, parish councils etc.

i) Other investments listed in Appendices C and D - the Council will seek further advice on the appropriateness and associated risks with investments in these other categories as and when an opportunity presents itself.

4.12 The **accounting treatment** may differ from the underlying cash transactions arising from investment decisions made by the Council. To ensure that the Council is protected from any adverse revenue impact, which may arise from these differences, the accounting implications of new transactions will be reviewed before they are undertaken.

4.13 The Council will not transact in any investment that may be deemed to constitute capital expenditure (e.g. Share Capital, or pooled investment funds other than Money Market Funds), without the resource implications being approved as part of the consideration of the Capital Programme or other appropriate Committee report.

4.14 **Investment risk benchmarking** – The shared service will subscribe to Link's Investment Benchmarking Club to review the investment performance and risk of the portfolios.

4.15 At the end of the financial year the Council will report on investment activity as part of the **Annual**

Treasury Report.**

4.16 **External fund managers**
The Council does not use external fund managers, (other than the Local Authorities' Property Fund) but reserves the option to do so in future should this be deemed to be appropriate. Should consideration be given to exercising this option in the future, the relevant Committee will be advised of the reasons for doing so and the Council requested to consider whether it wishes to proceed with the selection and appointment of external fund managers.

4.17 **The monitoring of investment counterparties –** The credit rating of counterparties will be monitored regularly. The shared service receives credit rating information (changes, rating watches and rating outlooks) from Link Group as and whent ratings change, and counterparties are checked promptly. On occasion ratings may be downgraded when an investment has already been made. The criteria used are such that a minor downgrading should not affect the full receipt of the principal and interest. Any counterparty failing to meet the criteria will be removed from the list immediately by the shared service, and if required, new counterparties which meet the criteria will be added to the list.

Officers of the shared service and Mid Sussex met in October 2021 (remotely) with representatives of the Local Authorities' Property Fund for a presentation on the activity and outlook of the Fund to supplement the regular reports and dividend statements.

5. OTHER MATTERS

5.1 2021 revised CIPFA Treasury Management Code and Prudential Code – changes which will impact on future TMSS/AIS reports and the risk management framework

CIPFA published the revised codes on 20th December 2021 and has stated that formal adoption is not required until the 2023/24 financial year. The Councils have to have regard to these codes of practice when they prepare the Treasury Management Strategy Statement and Annual Investment Strategy, and also related reports during the financial year, which are taken to the Full Councils for approval.

The revised codes will have the following implications:

· a requirement for the Councils to adopt a new debt liability benchmark treasury indicator to support the financing risk management of the capital financing requirement;

· clarify what CIPFA expects a local authority to borrow for and what they do not view as appropriate. This will include the requirement to set a proportionate approach to commercial and service capital investment;

· address Environmental Social and Governance issues within the Capital Strategy;

· require implementation of a policy to review commercial property, with a view to divest where appropriate;

· create new Investment Practices to manage risks associated with non-treasury investment (similar to the current Treasury Management Practices);

· ensure that any long term treasury investment is supported by a business model;

· a requirement to effectively manage liquidity and longer term cash flow requirements;

· amendment to the Treasury Management Practices to address Environmental, Social and Governance policy within the treasury management risk framework;

· amendment to the knowledge and skills register for individuals involved in the treasury management function - to be proportionate to the size and complexity of the treasury management conducted by each council;

- a new requirement to clarify reporting requirements for service and commercial investment, (especially where supported by borrowing/leverage).

In addition, all investments and investment income must be attributed to one of the following three purposes: -

Treasury management

Arising from the organisation's cash flows or treasury risk management activity, this type of investment represents balances which are only held until the cash is required for use. Treasury investments may also arise from other treasury risk management activity which seeks to prudently manage the risks, costs or income relating to existing or forecast debt or treasury investments.

Service delivery

Investments held primarily and directly for the delivery of public services including housing, regeneration and local infrastructure. Returns on this category of investment which are funded by borrowing are permitted only in cases where the income is "either related to the financial viability of the project in question or otherwise incidental to the primary purpose".

Commercial return

Investments held primarily for financial return with no treasury management or direct service provision purpose. Risks on such investments should be proportionate to a council's financial capacity – i.e., that 'plausible losses' could be absorbed in budgets or reserves without unmanageable detriment to local services. An authority must not borrow to invest primarily for financial return.

Members will be updated on how all these changes will impact our current approach and any changes required will be formally adopted within the 2023/24 TMSS report.

5.2 **Balanced budget requirement** - the Council complies with the provisions of S32 of the Local Government Finance Act 1992 to set a balanced budget.

Appendix A

THE CAPITAL PRUDENTIAL AND TREASURY INDICATORS 2021/22 – 2023/24

1.1 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	2020/21 Actual	2021/22 Estimate	2022/23 Estimate	2024/25 Estimate	2025/26 Estimate
	£m	£m	£m	£m	£m
General Fund	11.419	12.368	2.038	1.853	1.096

1.2 **Affordability Prudential Indicators**

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:

Ratio of financing costs to net revenue stream

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.

	2020/21 Actual	2021/22 Estimate	2022/23 Estimate	2023/24 Estimate	2024/25 Estimate
	%	%	%	%	%
Ratio	1.52%	1.37%	0.67%	-0.74%	-1.20%

The estimates of financing costs include current commitments and the proposals in this budget report.

1.3 **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. However as the Council currently has only two significant loans, the upper limits need to be set very high. The Council does not have any variable rate borrowing.

The Council is asked to approve the following treasury indicators and limits:

Maturity structure of fixed interest rate borrowing 2022/23		
	Lower	Upper
Under 12 months	0%	80%
12 months to 2 years	0%	70%
2 years to 5 years	0%	80%

5 years to 10 years	0%	80%
Over 10 years	0%	60%

Appendix B

TREASURY MANAGEMENT PRACTICE (TMP1) – CREDIT AND COUNTERPARTY RISK MANAGEMENT

The MHCLG (now DLUHC) issued Investment Guidance in 2018, and this forms the structure of the Council's policy below. These guidelines do not apply to either trust funds or pension funds which operate under a different regulatory regime.

The key intention of the Guidance is to maintain the current requirement for councils to invest prudently, and that priority is given to security and liquidity before yield. In order to facilitate this objective the guidance requires this Council to have regard to the CIPFA publication Treasury Management in the Public Services: Code of Practice and Cross-Sectoral Guidance Notes, which will apply to all investment activity. In accordance with the Code, the Council will comply with the treasury management practices (TMPs). This part, TMP 1(1), covering investment counterparty policy requires approval each year.

Annual investment strategy - The key requirements of both the Code and the investment guidance are to set an annual investment strategy, as part of the annual treasury strategy for the following year, covering the identification and approval of the following:

- The strategy guidelines for choosing and placing investments, particularly non-specified investments.
- The principles to be used to determine the maximum periods for which funds can be committed.
- Specified investments that the Council will use. These are high security (i.e. high credit rating, although this is defined by the Council, and no guidelines are given), and high liquidity investments in sterling and with a maturity of no more than a year.
- Non-specified investments, clarifying the greater risk implications, identifying the general types of investment that may be used and a limit to the overall amount of various categories that can be held at any time.

Strategy guidelines – The main strategy guidelines are contained in the body of the treasury strategy statement.

SPECIFIED AND NON SPECIFIED INVESTMENTS

A variety of investment instruments will be used , subject to the credit quality of the institution and, depending on the trype of investment made, it will fall into one the categories below.

Specified Investments will be those that meet the criteria in the MHCLG Guidance, i.e. the investment

- is sterling denominated

- has a maximum maturity of 1 year or where the Council has the right to be repaid within 12 months or where the investment would have been classified as specified apart from originally being for a period longer than 12 months, once the remaining period to maturity falls to under 12 months

- meets the "high" credit criteria as determined by the Council or is made with the UK government or is made with a local authority in England, Wales and Scotland

- the making of which is not defined as capital expenditure under section 25(1)(d) in SI 2003 No 3146 (i.e. the investment is not loan capital or share capital in a body corporate).

These are considered low risk assets where the possibility of loss of principal or investment income is small.

“Specified” Investments identified for the Council’s use are:

- The UK Government such as the Debt Management Account Deposit Facility – there is no limit for these investments.
- Deposits with UK local authorities
- Deposits with banks and building societies
- *Certificates of deposit with banks and building societies
- *Gilts : (bonds issued by the UK government)
- *Bonds issued by multilateral development banks
- Pooled investment vehicles such as AAA Money Market Funds with a Constant Net Asset Value (Constant NAV) or appropriate Low Volatility Net Asset Value (LVNAV) that have been awarded an AAA rating by Standard and Poor’s, Moody’s and/or Fitch rating agencies.
- Other Money Market Funds and Collective Investment Schemes– i.e. credit rated funds which meet the definition of a collective investment scheme as defined in SI 2004 No 534 and SI 2007 No 573.

* Investments in these instruments will be on advice from the Shared Service’s treasury advisor.

Non Specified Investments

These are any investments which do not meet the specified investment criteria. Where appropriate, the Council will seek further advice on the associated risks with non-specified investments.

All Investments

For credit rated counterparties, the minimum criteria, excepting for the Council’s own banker and the specified building societies, (see below) will be the short-term / long-term ratings assigned by various agencies which may include Moody’s Investors Services, Standard and Poor’s, Fitch Ratings, being:

Long-term investments (over 365 days): minimum: A- (Fitch) or equivalent
Or
Short-term investments (365 days or less): minimum: F1 (Fitch) or equivalent

For all investments the Shared Service will also take into account information on corporate developments of, and market sentiment towards, investment counterparties.

If the Council’s own banker (currently Lloyds Bank) falls beneath the specified criteria, it will still be used for transactional purposes.

Where appropriate the Ring Fenced entities of banks will be used.

Within these bodies, and in accordance with the Code, the Council has set additional criteria to set the time and amount of monies which will be invested in these bodies, as detailed below.

APPENDIX C

APPROVED INVESTMENT INSTITUTIONS

Specified Investments identified for use by the Council

New specified investments will be made within the following limits:

(a) Banks

Major U.K. and European Banks and their wholly-owned subsidiaries meeting the Council's approved investment criteria. RFB refers to Ring Fenced Bank – the separate core retail banking service.

	Counterparty	Group	Maximum Sum	Maximum Period *
	DMADF, DMO (Government)	N/A	No limit	
1	HSBC UK Bank PLC (RFB)	N/A	£5m	5 years
2	NatWest/ Royal Bank of Scotland Group (RFB)	£5m	£5m	5 years
3	Lloyds/ Bank of Scotland Group (RFB)	£7m	£7m	5 years
4	Barclays Bank UK PLC (RFB)	N/A	£5m	5 years
5	Santander UK PLC	N/A	£5m	5 years
6	Clydesdale Bank PLC	N/A	£4m	5 years
7	Handelsbanken PLC	N/A	£5m	1 year
8	Goldman Sachs International Bank	N/A	£5m	5 years
9	Close Brothers Ltd	N/A	£5m	5 years
10	Standard Chartered Bank	N/A	£4m	5 years

*Specified investments are for a maximum period of 1 year, the maximum limits shown in this column are for non-specified investments with these institutions.

(b) Building Societies

Building Societies (Assets in excess of £1 billion):

Rank	Name of Counterparty	Individual	
		Sum	Period*
1	Nationwide	£4m	3 years
2	Coventry	£4m	3 years
3	Yorkshire	£4m	3 years
4	Skipton	£3m	3 years
5	Leeds	£3m	3 years
6	Principality	£3m	3 years
7	West Bromwich	£3m	3 years
8	Newcastle	£3m	3 years
9	Nottingham	£3m	3 years
10	Cumberland	£3m	3 years
11	National Counties (Family)	£3m	3 years
12	Progressive	£3m	3 years
13	Cambridge	£3m	3 years
14	Monmouthshire	£3m	3 years
15	Newbury	£3m	3 years
16	Saffron	£3m	3 years
17	Leek United	£3m	3 years

(c) Money Market Funds

Counterparty	Sum	
Invesco Aim – Sterling	£3m	For Short Term Operational Cash Flow Purposes
Blackrock Institutional Sterling Liquidity Fund	£3m	
Goldman Sachs Sterling Liquidity Reserve Fund	£3m	
HSBC Global Liquidity Fund	£3m	
Fidelity Institutional Cash Fund plc – Sterling	£3m	
CCLA Public Sector Deposit Fund	£3m	
JP Morgan GBP Liquidity LVNAV Fund	£3m	
Federated Short-Term Sterling Prime Liquidity Fund	£3m	

The limit for investing in any one Money Market Fund is £3 million. Total investments in Money Market Funds shall not exceed the higher of £9m or 25% of the total investment portfolio, for more than one week at any one time.

(d) Local Authorities

Details	Individual	
	Sum	Period*
All Local Authorities	£3m	5 years

*Specified investments are for a maximum period of 1 year, the maximum period limits shown in (b) and (d) are for non-specified investments with these institutions.

APPENDIX D

NON-SPECIFIED INVESTMENTS DETERMINED FOR USE BY THE COUNCIL

Having considered the rationale and risk associated with Non-Specified Investments, the following have been determined for the Council's use.

	In-house use	Use by Fund Managers	Maximum Maturity	Maximum % of portfolio or £m	Capital Expenditure?
• Deposits with banks and building societies • Certificates of deposit with banks and building societies	√ √	 √	5 years	The higher of £10m or 50% of funds	No
• Deposits with Local Authorities	√		5 years	The higher of £10m or 50% of funds	No
Gilts and Bonds: • Gilts • Bonds issued by multilateral development banks • Bonds issued by financial institutions guaranteed by the UK government • Sterling denominated bonds by non-UK sovereign governments	√ √ √ √ (on advice from treasury advisor)	√ √ √ √	5 years	The higher of £3m or 25% of funds	No
Money Market Funds and Collective Investment Schemes (pooled funds which meet the definition of a collective investment scheme as defined in SI 2004 No. 534 and SI 2007, No. 573), but which are not credit rated.	√ (on advice from treasury advisor)	√	These funds do not have a defined maturity date.	The higher of £9m or 25% of funds	No
Government guaranteed bonds and debt instruments (e.g. floating rate notes) issued by corporate bodies	√ (on advice from treasury advisor)	√	5 years	The higher of £2m or 10% of funds	Subject to test
Property Funds approved by HM Treasury and operated by managers regulated by the Financial Conduct Authority – specifically the Local Authorities' Property Fund	√	√	These funds do not have a defined maturity date.	The higher of £6m or 25% of funds	No
Non-guaranteed bonds and debt instruments (e.g. floating rate notes) issued by corporate bodies	√ (on advice from treasury advisor)	√	5 years	The higher of £2m or 10% of funds	Subject to test
Collective Investment Schemes (pooled funds) which do not meet the definition of collective investment schemes in SI 2004 No. 534 or SI 2007, No. 573.	√ (on advice from treasury advisor)	√	These funds do not have a defined maturity date	The higher of £2m or 20% of funds	Subject to test

In determining the period to maturity of an investment, the investment is regarded as commencing on the date of the commitment of the investment rather than the date on which funds are paid over to the counterparty.

The Council will seek further advice on the appropriateness and associated risks with investments in these Non-Specified investment categories, other than those which would be Specified other than for the duration of over 12 months (for example a 2 year fixed term deposits with a bank on the counterparty list).

Accounting treatment of investments

The accounting treatment may differ from the underlying cash transactions arising from investment decisions made by this Council. To ensure that the Council is protected from any adverse revenue impact, which may arise from these differences, we will review the accounting implications of new transactions before they are undertaken.

The monitoring of investment counterparties - The credit rating of counterparties will be monitored regularly. The Council's Shared Service receives credit rating information (changes, rating watches and rating outlooks) from Link as and when ratings change, and counterparties are checked promptly. On occasion ratings may be downgraded when an investment has already been made. The criteria used are such that a minor downgrading should not affect the full receipt of the principal and interest. Any counterparty failing to meet the criteria will be removed from the list immediately by the Shared Service, and if required new counterparties which meet the criteria will be added to the list.

APPENDIX E

TREASURY MANAGEMENT SCHEME OF DELEGATION

(i) **Full Council**

- approval of annual treasury management strategy and Annual Investment Strategy
- approval of MRP Statement

(ii) **Executive Committee (e.g. Cabinet)**

- approval of/amendments to the organisation's adopted clauses, treasury management policy statement and treasury management practices
- budget consideration and approval
- approval of the division of responsibilities
- receiving and reviewing regular monitoring reports and acting on recommendations
- approving the selection of external service providers and agreeing terms of appointment.

(iii) **Audit Committee**

Receiving and reviewing the following, and making recommendations to the Cabinet

- regular monitoring reports on compliance with the Treasury Management Strategy, practices and procedures.

(iv) **The S151 (responsible) officer**

- recommending clauses, treasury management policy/practices for approval, reviewing the same regularly, and monitoring compliance
- submitting regular treasury management policy reports
- submitting budgets and budget variations
- receiving and reviewing management information reports
- reviewing the performance of the treasury management function
- ensuring the adequacy of treasury management resources and skills, and the effective division of responsibilities within the treasury management function
- ensuring the adequacy of internal audit, and liaising with external audit
- recommending the appointment of external service providers.

ECONOMIC BACKGROUND supplied by Link Group

- **COVID-19 vaccines.** These were the game changer during 2021 which raised high hopes that life in the UK would be able to largely return to normal in the second half of the year. However, the bursting onto the scene of the Omicron mutation at the end of November, rendered the initial two doses of all vaccines largely ineffective in preventing infection. This has dashed such hopes and raises the spectre again that a fourth wave of the virus could overwhelm hospitals in early 2022. What we now know is that this mutation is very fast spreading with the potential for total case numbers to double every two to three days, although it possibly may not cause so much severe illness as previous mutations. Rather than go for full lockdowns which heavily damage the economy, the government strategy this time is focusing on getting as many people as possible to have a third (booster) vaccination after three months from the previous last injection, as a booster has been shown to restore a high percentage of immunity to Omicron to those who have had two vaccinations. There is now a race on between how quickly boosters can be given to limit the spread of Omicron, and how quickly will hospitals fill up and potentially be unable to cope. In the meantime, workers have been requested to work from home and restrictions have been placed on large indoor gatherings and hospitality venues. With the household saving rate having been exceptionally high since the first lockdown in March 2020, there is plenty of pent-up demand and purchasing power stored up for services in sectors like restaurants, travel, tourism and hotels which had been hit hard during 2021, but could now be hit hard again by either, or both, of government restrictions and/or consumer reluctance to leave home. Growth will also be lower due to people being ill and not working, similar to the pingdemic in July. The economy, therefore, faces significant headwinds although some sectors have learned how to cope well with Covid. However, the biggest impact on growth would come from another lockdown if that happened. The big question still remains as to whether any further mutations of this virus could develop which render all current vaccines ineffective, as opposed to how quickly vaccines can be modified to deal with them and enhanced testing programmes be implemented to contain their spread until tweaked vaccines become widely available.

A SUMMARY OVERVIEW OF THE FUTURE PATH OF BANK RATE

- The threat from Omicron was a wild card causing huge national concern at the time of December's MPC meeting; now it is seen as a vanquished foe disappearing in the rear-view mirror.
- The MPC shifted up a gear last week in raising Bank Rate by another 0.25% and narrowly avoiding making it a 0.50% increase by a 5-4 voting margin.
- Our forecast now expects the MPC to deliver another 0.25% increase in March; their position appears to be to go for sharp increases to get the job done and dusted.
- The March increase is likely to be followed by an increase to 1.0% in May and then to 1.25% in November.
- The MPC is currently much more heavily focused on combating inflation than on protecting economic growth.
- However, 54% energy cap cost increases from April, together with 1.25% extra employee national insurance, food inflation around 5% and council tax likely to rise in the region of 5% too - these increases are going to hit lower income families hard despite some limited assistance from the Chancellor to postpone the full impact of rising energy costs.
- Consumers are estimated to be sitting on over £160bn of excess savings left over from the pandemic so that will cushion some of the impact of the above increases. But most of those holdings are held by more affluent people whereas poorer people already spend nearly all their income before these increases hit and have few financial reserves.
- The increases are already highly disinflationary; inflation will also be on a gradual path down after April so that raises a question as to whether the MPC may shift into protecting economic growth by November, i.e., it is more debatable as to whether they will deliver another increase then.

- The BIG ISSUE – will the current spike in inflation lead to a second-round effect in terms of labour demanding higher wages, (and/or lots of people getting higher wages by changing job)?
- If the labour market remains very tight during 2022, then wage inflation poses a greater threat to overall inflation being higher for longer, and the MPC may then feel it needs to take more action.

PWLB RATES
- The yield curve has flattened out considerably.
- We view the markets as having built in, already, nearly all the effects on gilt yields of the likely increases in Bank Rate.
- It is difficult to say currently what effect the Bank of England starting to sell gilts will have on gilt yields once Bank Rate rises to 1%: it is likely to act cautiously as it has already started on not refinancing maturing debt. A passive process of not refinancing maturing debt could begin in March when the 4% 2022 gilt matures; the Bank owns £25bn of this issuance. A pure roll-off of the £875bn gilt portfolio by not refinancing bonds as they mature, would see the holdings fall to about £415bn by 2031, which would be about equal to the Bank's pre-pandemic holding. Last August, the Bank said it would not actively sell gilts until the *"Bank Rate had risen to at least 1%"* and, *"depending on economic circumstances at the time."*
- It is possible that Bank Rate will not rise above 1% as the MPC could shift to relying on quantitative tightening (QT) to do the further work of taking steam out of the economy and reducing inflationary pressures.
- Increases in US treasury yields over the next few years could add upside pressure on gilt yields though, more recently, gilts have been much more correlated to movements in bund yields than treasury yields.

MPC MEETING 4TH FEBRUARY 2022
- After the Bank of England became the first major western central bank to put interest rates up in this upswing in December, it has quickly followed up its first 0.15% rise by another 0.25% rise to 0.50%, in the second of what is very likely to be a series of increases during 2022.
- The Monetary Policy Committee voted by a majority of 5-4 to increase Bank Rate by 25bps to 0.5% with the minority preferring to increase Bank Rate by 50bps to 0.75%. The Committee also voted unanimously for the following: -
    - to reduce the £875n stock of UK government bond purchases, financed by the issuance of central bank reserves, by ceasing to reinvest maturing assets.
    - to begin to reduce the £20bn stock of sterling non-financial investment-grade corporate bond purchases by ceasing to reinvest maturing assets and by a programme of corporate bond sales to be completed no earlier than towards the end of 2023.
- The Bank again sharply increased its forecast for inflation – to now reach a peak of 7.25% in April, well above its 2% target.
- The Bank estimated that UK GDP rose by 1.1% in quarter 4 of 2021 but, because of the effect of Omicron, GDP would be flat in quarter 1, but with the economy recovering during February and March. Due to the hit to households' real incomes from higher inflation, it revised down its GDP growth forecast for 2022 from 3.75% to 3.25%.
- The Bank is concerned at how tight the labour market is with vacancies at near record levels and a general shortage of workers - who are in a very favourable position to increase earnings by changing job.
- As in the December 2021 MPC meeting, the MPC was more concerned with combating inflation over the medium term than supporting economic growth in the short term. However, what was notable was the Bank's forecast for inflation: based on the markets' expectations that Bank Rate will rise to 1.50% by mid-2023, it forecast inflation to be only 1.6% in three years' time. In addition, if energy prices beyond the next six months fell as the futures market suggests, the Bank said CPI inflation in three years' time would be even lower at 1.25%. With calculations of inflation, the key point to keep in mind is that it is the rate of change in prices – not the level – that matters. Accordingly, even if oil and natural gas prices remain flat at their current elevated level, energy's contribution to headline inflation will drop back over the course of this year. That means the current energy contribution to CPI inflation, of 2% to 3%, will gradually fade over the next year.

- So the message to take away from the Bank's forecast is that they do not expect Bank Rate to rise to 1.5% in order to hit their target of CPI inflation of 2%. The immediate issue is with four members having voted for a 0.50% increase in February, it would only take one member more for there to be another 0.25% increase at the March meeting.

- **The MPC's forward guidance on its intended monetary policy** on raising Bank Rate versus selling (quantitative tightening) holdings of bonds is as follows: -
    1. Raising Bank Rate as "the active instrument in most circumstances".
    2. Raising Bank Rate to 0.50% before starting on reducing its holdings.
    3. Once Bank Rate is at 0.50% it would stop reinvesting maturing gilts.
    4. Once Bank Rate had risen to at least 1%, it would start selling its holdings.

OUR FORECASTS

a. Bank Rate

- Covid remains a major potential downside threat as we are most likely to get further mutations. However, their severity and impact could vary widely, depending on vaccine effectiveness and how broadly it is administered.
- If the UK invokes article 16 of the Brexit deal over the dislocation in trading arrangements with Northern Ireland, this has the potential to end up in a no-deal Brexit.

In summary, with the high level of uncertainty prevailing on several different fronts, we expect to have to revise our forecasts again - in line with whatever the new news is.

b. PWLB rates and gilt and treasury yields

Gilt yields. Since the start of 2021, we have seen a lot of volatility in gilt yields, and hence PWLB rates. Our forecasts show little overall increase in gilt yields during the forecast period to March 2025 but there will doubtless be a lot of unpredictable volatility during this forecast period.

While monetary policy in the UK will have a major impact on gilt yields, there is also a need to consider the potential impact that rising treasury yields in America could have on gilt yields. **As an average since 2011, there has been a 75% correlation between movements in US 10-year treasury yields and UK 10-year gilt yields. This is a significant UPWARD RISK exposure to our forecasts for medium to longer term PWLB rates. However, gilt yields and treasury yields do not always move in unison.**

US treasury yields. During the first part of 2021, US President Biden's, and the Democratic party's, determination to push through a $1.9trn (equivalent to 8.8% of GDP) fiscal boost for the US economy as a recovery package from the Covid pandemic was what unsettled financial markets. This was in addition to the $900bn support package previously passed in December 2020. Financial markets were alarmed that all this stimulus was happening at a time when: -

1. A fast vaccination programme roll-out had enabled a rapid opening up of the economy during 2021.
2. The economy was growing strongly during the first half of 2021 although it has weakened during the second half.
3. It started from a position of little spare capacity due to less severe lockdown measures than in many other countries.
4. And the Fed was still providing substantial stimulus through monthly QE purchases during 2021.

It was not much of a surprise that a combination of these factors would eventually cause an excess of demand in the economy which generated strong inflationary pressures. This has eventually been recognised by the Fed at its recent December meeting with an aggressive response to damp inflation down during 2022 and 2023.

- **At its 3rd November Fed meeting**, the Fed decided to make a start on tapering its $120bn per month of QE purchases so that they ended next June. However, at its **15th December meeting** it doubled the pace of tapering so that they will end all purchases in February. These purchases are currently acting as downward pressure on treasury yields and so it would be expected that treasury yields will rise over the taper period, all other things being equal.

- It also forecast that it expected there would be three rate rises in 2022 of 0.25% from near zero currently, followed by three in 2023 and two in 2024. This would take rates back above 2% to a neutral level for monetary policy. It also gave up on calling the sharp rise in inflation as being ‘transitory’.

- At its **26th January meeting**, the Fed became even more hawkish following inflation rising sharply even further. It indicated that rates would begin to rise very soon, i.e., it implied at its March meeting it would increase rates and start to run down its holdings of QE purchases. It also appears likely that the Fed could take action to force longer term treasury yields up by prioritising selling holdings of its longer bonds as yields at this end have been stubbornly low despite rising inflation risks. The low level of longer dated yields is a particular concern for the Fed because it is a key channel through which tighter monetary policy is meant to transmit to broader financial conditions, particularly in the US where long rates are a key driver of household and corporate borrowing costs.

There are also possible **DOWNSIDE RISKS** from the huge sums of cash that the UK populace have saved during the pandemic; when savings accounts earn little interest, it is likely that some of this cash mountain could end up being invested in bonds and so push up demand for bonds and support their prices i.e., this would help to keep their yields down. How this will interplay with the Bank of England eventually getting round to not reinvesting maturing gilts and then later selling gilts, will be interesting to monitor.

Globally, our views are as follows: -

- **EU.** The ECB joined with the Fed by announcing on **16th December** that it will be reducing its QE purchases - by half from October 2022, i.e., it will still be providing significant stimulus via QE purchases during the first half of 2022. The ECB did not change its rate at its **3rd February** meeting, but it was clearly shocked by the increase in inflation to 5.1% in January. The President of the ECB, Christine Lagarde, hinted in the press conference after the meeting that the ECB may accelerate monetary tightening before long and she hinted that asset purchases could be reduced more quickly than implied by the previous guidance. She also refused to reaffirm officials’ previous assessment that interest rate hikes in 2022 are “very unlikely”. It, therefore, now looks likely that all three major western central banks will be raising rates this year in the face of sharp increases in inflation - which is looking increasingly likely to be stubbornly high and for much longer than the previous oft repeated ‘transitory’ descriptions implied.

- **China.** The pace of economic growth has now fallen back after the initial surge of recovery from the pandemic and China has been struggling to contain the spread of the Delta variant through using sharp local lockdowns - which depress economic growth. However, with Omicron having now spread to China, and being much more easily transmissible, lockdown strategies may not prove so successful in future. To boost flagging economic growth, The People’s Bank of China cut its key interest rate in December 2021.

- **Japan.** 2021 was a patchy year in combating Covid. However, recent business surveys indicate that the economy is rebounding rapidly now that the bulk of the population is fully vaccinated, and new virus cases have plunged. The Bank of Japan is continuing its very loose monetary policy but with little prospect of getting inflation back towards its target of 2% any time soon.

- **World growth.** World growth was in recession in 2020 but recovered during 2021 until starting to lose momentum more recently. Inflation has been rising due to increases in gas and electricity prices, shipping costs and supply shortages, although these should subside during 2022. It is likely that we are heading into a period where there will be a reversal of **world globalisation** and a decoupling of western countries from dependence on China to supply products, and vice versa. This is likely to reduce world growth rates from those in prior decades.

- **Supply shortages**. The pandemic and extreme weather events, followed by a major surge in demand after lockdowns ended, have been highly disruptive of extended worldwide supply chains. Major queues of ships unable to unload their goods at ports in New York, California and China built up rapidly during quarters 2 and 3 of 2021 but then halved during quarter 4. Such issues have led to a misdistribution of shipping containers around the world and have contributed to a huge increase in the cost of shipping. Combined with a shortage of semi-conductors, these issues have had a disruptive impact on production in many countries. The latest additional disruption has been a shortage of coal in China leading to power cuts focused primarily on producers (rather than consumers), i.e., this will further aggravate shortages in meeting demand for goods. Many western countries are also hitting up against a difficulty in filling job vacancies. It is expected that these issues will be gradually sorted out, but they are currently contributing to a spike upwards in inflation and shortages of materials and goods available to purchase.

The balance of risks to the UK economy: -

- The overall balance of risks to economic growth in the UK is now to the downside.

Downside risks to current forecasts for UK gilt yields and PWLB rates include: -

- **Mutations** of the virus render current vaccines ineffective, and tweaked vaccines to combat these mutations are delayed or unable to be administered fast enough to stop the NHS being overwhelmed.

- **Labour and supply shortages** prove more enduring and disruptive and depress economic activity.

- **Bank of England** acts too quickly, or too far, over the next three years to raise Bank Rate and causes UK economic growth, and increases in inflation, to be weaker than we currently anticipate.

- **The Government** acts too quickly to increase taxes and/or cut expenditure to balance the national budget.

- **UK / EU trade arrangements** – if there was a major impact on trade flows and financial services due to complications or lack of co-operation in sorting out significant remaining issues.

- **Geopolitical risks,** for example in Ukraine/Russia, Iran, China, North Korea and Middle Eastern countries, which could lead to increasing safe-haven flows. If Russia were to invade Ukraine, this would be likely to cause short term volatility in financial markets, but it would not be expected to have a significant impact beyond that.

Upside risks to current forecasts for UK gilt yields and PWLB rates: -

- The **Bank of England is too slow** in its pace and strength of increases in Bank Rate and, therefore, allows inflationary pressures to build up too strongly within the UK economy, which then necessitates a later rapid series of increases in Bank Rate faster than we currently expect.

Longer term US treasury yields rise strongly and pull gilt yields up higher than forecast