

Treasury Management Strategy Statement

Minimum Revenue Provision Policy
Statement and Annual Investment
Strategy

2022/23

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1.INTRODUCTION

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. This Council has to have regard to these codes of practice when it prepares the Treasury Management Strategy Statement and Annual Investment Strategy, and also related reports during the financial year, which are taken to Full Council for approval.

The revised codes will have the following implications:

- a requirement for the Council 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 ESG 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 TMP1 to address ESG 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.

As this Treasury Management Strategy Statement and Annual Investment Strategy deals solely with treasury management investments, the categories of service delivery and commercial investments will be dealt with as part of the Capital Strategy report. However, as investments in commercial property have implications for cash balances managed by the treasury team, it will be for each authority to determine whether they feel it is relevant to add a high level summary of the impact that commercial investments have, or may have, if it is planned to liquidate such investments within the three year time horizon of this report, (or a longer time horizon if that is felt appropriate).

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.

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.

CIPFA defines treasury management as:

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

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 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 currently required to receive and approve, as a minimum, three main treasury 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 is forward looking and 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).

- b. **A mid-year treasury management report** – This is primarily a progress report and will update members on the capital position, amending prudential indicators as necessary, and whether any policies require revision.

- c. **An annual treasury report** – This is a backward-looking review document and provides details of a selection of actual prudential and treasury indicators and actual treasury operations compared to the estimates within the strategy.

A quarterly update on the Council's treasury management position is also provided as part of the budget monitoring reports presented to Policy & Resources Committee.

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
- the 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 in treasury management. This especially applies to members responsible for scrutiny. Training has been planned for Members prior to the Audit Governance and Standards Committee meeting on the 17th January 2022. The Council's Treasury Advisors, Link Asset Services, will be providing this training with reference to this Strategy.

Staff regularly attend training courses, seminars and conferences provided by the Council's Treasury Consultants and CIPFA. Relevant staff are also encouraged to study professional qualifications delivered by CIPFA, the Association of Corporate Treasurers and other appropriate organisations.

Staff training needs are assessed regularly both as part of the appraisal process and when the responsibilities of individual members of staff change.

1.5 Treasury management consultants

The Council uses Link Group, Treasury solutions as its external treasury management advisors.

The Council recognises that responsibility for treasury management decisions remains with the organisation at all times and will ensure that undue reliance is not placed upon the services of our external service providers. All decisions will be undertaken with regards to all available information, including, but not solely, our treasury advisers.

It also recognises that there is value in employing external providers of treasury management services in order to acquire access to specialist skills and resources. The Council will ensure that the terms of their appointment and the methods by which their value will be assessed are properly agreed and documented and subjected to regular review.

2 THE CAPITAL PRUDENTIAL INDICATORS 2022/23 – 2026/27

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 and financing

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

2021/22 £m	2022/23 £m	2023/24 £m	2024/25 £m	2025/26 £m	2026/27 £m
33.179	27.530	31.099	51.404	53.572	69.738

The Council does not currently have any investments in property that are considered to be purely commercial in nature. Acquisitions are limited to properties situated within the borough, with the intention of supporting the local community, housing and regeneration objectives rather than for the exclusive purpose of generating profits. All property investments are therefore classified as general fund capital projects and are included within the above figures.

The Council may potentially lend money to its subsidiaries, its suppliers, local businesses, local charities, housing associations, local residents and its employees to support local public services and stimulate local economic growth. However, there are no future plans to do this.

Other long-term liabilities - The above financing need excludes other long-term liabilities, such as PFI and leasing arrangements that already include borrowing instruments. This include the financial obligation to Serco Pasia for the leisure Centre.

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	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27
Capital grants	3.364	1.500	0.800	0.800	0.800	0.800
Capital reserves	0.000	0.000	0.000	0.000	0.000	0.000
Revenue	3.884	3.216	0.373	0.373	0.373	0.373
Net financing need for the year	25.931	22.814	29.926	50.231	52.399	68.565

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., PFI schemes, finance leases). Whilst these increase the CFR, and therefore the Council's borrowing requirement, these types of schemes include a borrowing facility by the PFI, PPP lease provider and so the Council is not required to separately borrow for these schemes. The Council currently has £2.01m relating to Serco Pasia within the CFR.

The Council is asked to approve the CFR projections below:

£m	2021/22 Estimate	2022/23 Estimate	2023/24 Estimate	2024/25 Estimate	2025/26 Estimate	2026/27 Estimate
Capital Financing Requirement						
Total CFR	75.093	95.983	123.121	169.786	217.459	280.414
Movement in CFR	25.582	20.890	27.138	46.666	47.673	62.956

Movement in CFR represented by						
Net financing need for the year	25.931	22.814	29.926	50.231	52.399	68.565
Less MRP/VRP and other financing movements	-0.349	-1.924	-2.788	-3.565	-4.726	-5.609
Movement in CFR	25.582	20.890	27.138	46.666	47.673	62.956

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).

DLUHC regulations have been issued which require the full Council to approve **an MRP Statement** in advance of each year. The Council is recommended to approve the following MRP Statement

For capital expenditure incurred before 1.4.08 or which in the future will be Supported Capital Expenditure, the MRP policy will be:

- **Existing practice** - MRP will follow the existing practice outlined in former DLUHC regulations.

These options provide for an approximate 4% reduction in the borrowing need (CFR) each year.

From 1 April 2008 for all unsupported borrowing (including PFI and finance leases) the MRP policy will be:

Asset life method – MRP will be based on the estimated life of the assets, in accordance with the regulations (this option must be applied for any expenditure capitalised under a Capitalisation Direction)

These options provide for a reduction in the borrowing need over approximately the asset's life. Building asset life is estimated to be 50 years, refurbishment works are over 10 years and the Mote Park Dam works over 25 years. Most other projects are over 5 years.

Repayments included in annual PFI, or finance leases are applied as MRP. MRP on the Serco Pasia Financial Commitment is based on the life of the contract.

3 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 relevant professional codes, so that sufficient cash is available to meet this service activity and the Council's capital strategy. This will involve both the organisation of the cash flow and, where capital plans require, the organisation of appropriate borrowing facilities. The strategy covers the relevant treasury / prudential indicators, the current and projected debt positions and the annual investment strategy.

3.1 Current portfolio position

The overall borrowing portfolio as at 31st December 2021 is shown below.

Date	Ref	Lender	Amount £m	Rate %	Start	End
20/08/2021	078	Middlesbrough Teeside Pension Fund	4.000	0.08	20/08/2021	19/08/2022
11/11/2021	080	Public Works Loans Board	2.000	1.73	11/11/2021	11/11/2071
30/12/2021	081	Public Works Loans Board	3.000	1.56	30/12/2021	30/12/2071
		TOTAL	9.000			

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.

£m	2021/22 Forecast	2022/23 Estimate	2023/24 Estimate	2024/25 Estimate	2025/26 Estimate	2026/27 Estimate
External Debt						
Debt at 1 April	11.000	26.602	47.187	73.550	118.849	165.163
Expected change in Debt	15.582	20.554	26.335	45.586	46.623	61.906
Other long-term liabilities (OLTL)	2.010	1.473	0.905	0.309	0.000	0.000
Expected change in OLTL	-0.517	-0.537	-0.568	-0.596	-0.309	0.000
Actual gross debt at 31 March	28.075	48.092	73.859	118.849	165.163	227.069
The Capital Financing Requirement	75.093	95.983	123.121	169.786	217.459	280.414
Under / (over) borrowing	47.018	47.891	49.262	50.938	52.296	53.346

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 Director of Finance and Business Improvement 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 budget report.

3.2 Treasury Indicators: limits to borrowing activity

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

Operational Boundary

	2021/22 £m	2022/23 £m	2023/24 £m	2024/25 £m	2025/26 £m	2026/27 £m
Ext Borrowing	30.582	57.136	83.471	129.056	175.679	237.585
Other LT Liab	2.010	1.473	0.905	0.309	0.000	0.000
Total	32.592	58.609	84.376	129.365	175.679	237.585

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. 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.
2. The Council is asked to approve the following authorised limit:

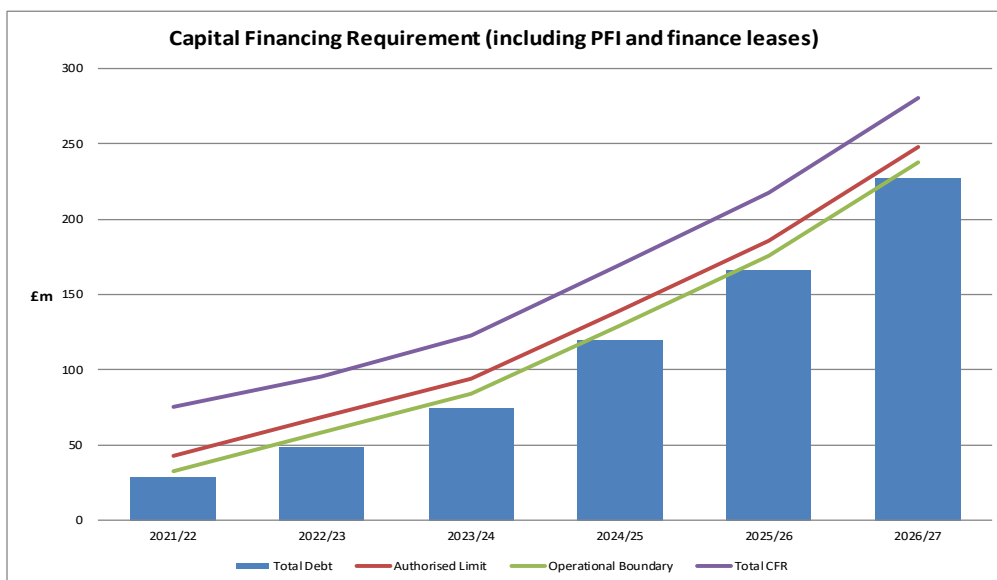
Authorised Limit for External Debt

	2021/22 £m	2022/23 £m	2023/24 £m	2024/25 £m	2025/26 £m	2026/27 £m
Ext Borrowing	40.582	67.136	93.471	139.056	185.679	247.585
Other LT Liab	2.010	1.473	0.905	0.309	0.000	0.000
Total	42.592	68.609	94.376	139.365	185.679	247.585

The graph below forecasts the Council’s debt profile, Operational Boundary and Authorised Limit remains below its CFR.

PRUDENTIAL INDICATORS GRAPH

CAPITAL FINANCING REQUIREMENT including PFI and finance leases						
	Est	Est	Est	Est	Est	Est
	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27
	£m	£m	£m	£m	£m	£m
GF CFR	75.1	96.0	123.1	169.8	217.5	280.4
Total CFR	75.1	96.0	123.1	169.8	217.5	280.4
External Borrowing	26.6	47.1	73.5	119.1	165.7	227.6
Other long term liabilities	2.0	1.5	0.9	0.3	0.0	0.0
Total Debt	28.6	48.6	74.4	119.4	165.7	227.6
Authorised Limit	42.6	68.6	94.4	139.4	185.7	247.6
Operational Boundary	32.6	58.6	84.4	129.4	175.7	237.6



3.3 Prospects for interest rates

The Council has appointed Link Group as its treasury advisor and part of their service is to assist the Council to formulate a view on interest rates. Link provided the following forecasts on 20th December 2021. These are forecasts for certainty rates, gilt yields plus 80 bps.

Link Group Interest Rate View	20.12.21													
	Dec-21	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	0.25	0.25	0.50	0.50	0.50	0.75	0.75	0.75	0.75	1.00	1.00	1.00	1.00	1.25
3 month ave earnings	0.20	0.30	0.50	0.50	0.60	0.70	0.80	0.90	0.90	1.00	1.00	1.00	1.00	1.00
6 month ave earnings	0.40	0.50	0.60	0.60	0.70	0.80	0.90	1.00	1.00	1.10	1.10	1.10	1.10	1.10
12 month ave earnings	0.70	0.70	0.70	0.70	0.80	0.90	1.00	1.10	1.10	1.20	1.20	1.20	1.20	1.20
5 yr PWLB	1.40	1.50	1.50	1.60	1.60	1.70	1.80	1.80	1.80	1.90	1.90	1.90	2.00	2.00
10 yr PWLB	1.60	1.70	1.80	1.80	1.90	1.90	2.00	2.00	2.00	2.10	2.10	2.10	2.20	2.30
25 yr PWLB	1.80	1.90	2.00	2.10	2.10	2.20	2.20	2.20	2.30	2.30	2.40	2.40	2.50	2.50
50 yr PWLB	1.50	1.70	1.80	1.90	1.90	2.00	2.00	2.00	2.10	2.10	2.20	2.20	2.30	2.30

Additional notes by Link on this forecast table: -

- *LIBOR and LIBID rates will cease from the end of 2021. Work is currently progressing to replace LIBOR with a rate based on SONIA (Sterling Overnight Index Average). In the meantime, our forecasts are based on expected average earnings by local authorities for 3 to 12 months.*
- *Our forecasts for average earnings are averages i.e., rates offered by individual banks may differ significantly from these averages, reflecting their different needs for borrowing short term cash at any one point in time.*

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 until the recent meeting in December 2021.

Our forecast for Bank Rate includes four increases, one in quarter 2 of 2022 to 0.50%, then quarter 1 of 2023 to 0.75%, quarter 1 of 2024 to 1.00% and, finally, one in quarter 1 of 2025 to 1.25%.

Significant risks to the forecasts

- **Labour and supply shortages** prove more enduring and disruptive and depress economic activity.
- **Mutations** of the virus render current vaccines ineffective, and tweaked vaccines to combat these mutations are delayed, resulting in further national lockdowns or severe regional restrictions.
- **The Monetary Policy Committee** 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 Monetary Policy Committee** tightens monetary policy too late to ward off building inflationary pressures.

- **The Government** acts too quickly to 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.
- **German general election** in September 2021. Germany faces months of uncertainty while a new coalition government is cobbled together after the indecisive result of the election. Once that coalition is formed, Angela Merkel's tenure as Chancellor will end and will leave a hole in overall EU leadership.
- **Longer term US treasury yields** rise strongly and pull gilt yields up higher than forecast.
- **Major stock markets** e.g., in the US, become increasingly judged as being over-valued and susceptible to major price corrections. Central banks become increasingly exposed to the "moral hazard" risks of having to buy shares and corporate bonds to reduce the impact of major financial market selloffs on the general economy.
- **Geopolitical risks**, for example in Iran, North Korea, but also in Europe and Middle Eastern countries; on-going global power influence struggles between Russia/China/US. These could lead to increasing safe-haven flows.

The balance of risks to the UK economy: -

- The overall balance of risks to economic growth in the UK is now to the downside, including residual risks from Covid and its variants - both domestically and their potential effects worldwide.

Forecasts for Bank Rate

We are not expecting Bank Rate to go up fast after the initial rate rise; our view is that the supply potential of the economy has not taken a major hit during the pandemic: it should, therefore, be able to cope well with meeting demand after supply shortages subside over the next year, without causing inflation to remain elevated in the medium-term, or to inhibit inflation from falling back towards the MPC's 2% target after the spike up to 5%. We are, therefore, forecasting four increases in Bank Rate over the forecast period to March 2025, ending at 1.25%. However, we are far from confident that these forecasts will not need changing within a relatively short timeframe for the following reasons: -

- We do not know how severe an impact Omicron could have on the economy and whether there will be another lockdown or similar and, if there is, whether there would be significant fiscal support from the Government for businesses and jobs.

- There were already increasing grounds for viewing the economic recovery as running out of steam during the autumn and now into the winter. And then along came Omicron to pose a significant downside threat to economic activity. This could lead into stagflation, or even into recession, which would then pose a dilemma for the MPC as to whether to focus on combating inflation or supporting economic growth through keeping interest rates low.
- Will some current key supply shortages spill over into causing economic activity in some sectors to take a significant hit?
- Rising gas and electricity prices in October and next April and increases in other prices caused by supply shortages and increases in taxation next April, are already going to deflate consumer spending power without the MPC having to take any action on Bank Rate to cool inflation.
- On the other hand, consumers are sitting on over £160bn of excess savings left over from the pandemic so when will they spend this sum, in part or in total?
- It looks as if the economy coped well with the end of furlough on 30th September. It is estimated that there were around 1 million people who came off furlough then and there was not a huge spike up in unemployment. The other side of the coin is that vacancies have been hitting record levels so there is a continuing acute shortage of workers. This is a potential danger area if this shortage drives up wages which then feed through into producer prices and the prices of services i.e., a second-round effect that the MPC would have to act against if it looked like gaining significant momentum.
- We also recognise there could be further nasty surprises on the Covid front beyond the Omicron mutation.
- 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. Link Group Interest Rate Forecast
- 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. It should also be borne in mind that Bank Rate being cut to 0.25% and then to 0.10%, were emergency measures to deal with the Covid crisis hitting the UK in March 2020. At any time, the MPC could decide to simply take away such emergency cuts on no other grounds than they are no longer warranted, and as a step forward in the return to normalisation. In addition, any Bank Rate under 1% is both highly unusual and highly supportive of economic growth.

Forecasts for 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 a steady, but slow, rise in both Bank Rate and 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 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. US treasury yields. During the first part of the year, 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. However, this was in addition to the \$900bn support package already passed in December 2020. This was then followed by additional Democratic ambition to spend \$1trn on infrastructure, which has just been passed by both houses, and an even larger sum on an American families plan over the next decade; this is still caught up in Democrat / Republican haggling. Financial markets were alarmed that all this stimulus was happening at a time when: -

1. A fast vaccination programme 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 overall 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, taking rates back above 2% to a neutral level for monetary policy. 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.

Gilt yields and PWLB rates

The general situation is for volatility in bond yields to endure as investor fears and confidence ebb and flow between favouring relatively more “risky” assets i.e., equities, or the safe haven of government bonds. The overall longer-run trend is for gilt yields and PWLB rates to rise.

There is likely to be exceptional volatility and unpredictability in respect of gilt yields and PWLB rates due to the following factors: -

- How strongly will changes in gilt yields be correlated to changes in US treasury yields?
- Will the Fed take action to counter increasing treasury yields if they rise beyond a yet unspecified level?
- Would the MPC act to counter increasing gilt yields if they rise beyond a yet unspecified level?
- How strong will inflationary pressures turn out to be in both the US and the UK and so impact treasury and gilt yields?
- How will central banks implement their new average or sustainable level inflation monetary policies?
- How well will central banks manage the withdrawal of QE purchases of their national bonds i.e., without causing a panic reaction in financial markets as happened in the “taper tantrums” in the US in 2013?
- Will exceptional volatility be focused on the short or long-end of the yield curve, or both?

Our forecasts are also predicated on an assumption that there is no break-up of the Eurozone or EU within our forecasting period, despite the major challenges that are looming up, and that there are no major ructions in international relations, especially between the US and Russia / China / North Korea and Iran, which have a major impact on international trade and world GDP growth.

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 Director of Finance will monitor interest rates in financial markets and adopt a pragmatic approach to changing circumstances:

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

- if it was felt that there was 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. Most likely, fixed rate funding will be drawn whilst interest rates are lower than they are projected to be in the next few years.

The Director of Finance & Business Improvement may look to procure forward borrowing terms ahead of requiring funding for the capital programme. This is to lock into preferential rates in case of future rate rises.

Any decisions will be reported to the Audit, Governance and Standards Committee 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

Due to the recent reduction in longer term borrowing rates, the Council has been looking to transfer its short term borrowing into longer term through the PWLB. These rates will be monitored throughout the year in case of changes to interest rates and/or the Council's financial situation.

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 both HRA and non-HRA borrowing. However, consideration may still need to be given to sourcing funding from the following sources for the following reasons:

- 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).

Our advisors will keep us informed as to the relative merits of each of these alternative funding sources.

3.8 Approved sources of long- and short-term borrowing

On Balance Sheet	Fixed	Variable
PWLB	●	●
Municipal bond agency	●	●
Local authorities	●	●
Banks	●	●
Pension funds	●	●
Insurance companies	●	●
UK Infrastructure Bank	●	●
Market (long-term)	●	●
Market (temporary)	●	●
Market (LOBOs)	●	●
Stock issues	●	●
Local temporary	●	●
Local Bonds	●	
Local authority bills		●
	●	
Negotiable Bonds	●	●
Internal (capital receipts & revenue balances)	●	●
Commercial Paper	●	
Medium Term Notes	●	
Finance leases	●	●

4 ANNUAL INVESTMENT STRATEGY

4.1 Current Investment Portfolio

The overall investment portfolio as at 31st December 2021 is shown below.

Counterparty	Type of Investment	Principal £	Start Date	Maturity Date	Rate of Return
Handelsbanken	Call account	5,000,000			0.20%
Goldman Sachs International Bank	Call account	2,000,000			0.23%
Lloyds Bank Plc	Call account	1,000,000			0.05%
Lloyds Bank Plc	Call account	2,300,000			0.01%
Santander Bank Plc	Call account	5,000,000			0.55%
HSBC Bank Plc	Call account	5,000,000			0.05%
Aberdeen Standard Liquidity Fund Sterling Fund	Money Market Fund	10,000,000			0.05%
CCLA Public Sector Depost Fund	Money Market Fund	10,000,000			0.08%
Federated Hermes Short-Term Sterling Prime Fund	Money Market Fund	7,290,000			0.03%
Landesbank Hessen Thuringen Girozentrale	Fixed Term Deposit	2,000,000	26/10/2021	26/04/2022	0.43%
Landesbank Hessen Thuringen Girozentrale	Fixed Term Deposit	3,000,000	30/12/2021	30/01/2022	0.18%
Goldman Sachs International Bank	Fixed Term Deposit	3,000,000	15/10/2021	14/04/2022	0.37%
Total Investments		55,590,000			

4.2 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 Council will aim to achieve the optimum return (yield) on its investments commensurate with proper levels of security and liquidity and with the Council's risk appetite. 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.

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 appendix 5.4 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 will be set through applying the matrix table in paragraph 4.3.
 6. **Transaction limits** are set for each type of investment in 4.3.
 7. This authority will set a limit for its investments which are invested for **longer than 365 days**, (see paragraph 4.4).
 8. Investments will only be placed with counterparties from countries with a specified minimum **sovereign rating**, (see paragraph 4.4).
 9. This authority has engaged **external consultants**, (see paragraph 1.5), 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.
 10. All investments will be denominated in **sterling**.
 11. 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.

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 4.5). 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.

4.3 Creditworthiness policy

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

- "watches" and "outlooks" from credit rating agencies;

- CDS spreads that may give early warning of changes in credit ratings;
- sovereign ratings to select counterparties from only the most creditworthy countries.

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

- Yellow 5 years *
- Dark pink 5 years for Ultra-Short Dated Bond Funds with a credit score of 1.25
- Light pink 5 years for Ultra-Short Dated Bond Funds with a credit score of 1.5
- Purple 2 years
- Blue 1 year (only applies to nationalised or semi nationalised UK Banks)
- Orange 1 year
- Red 6 months
- Green 100 days
- No colour not to be used

The Link creditworthiness service uses a wider array of information other than just primary ratings. Furthermore, by using a risk weighted scoring system, it does not give undue preponderance to just one agency's ratings.

Typically, the minimum credit ratings criteria the Council use will be a short-term rating (Fitch or equivalents) of F1 and a long-term rating of A-. There may be occasions when the counterparty ratings from one rating agency are marginally lower than these ratings but may still be used. In these instances, consideration will be given to the whole range of ratings available, or other topical market information, to support their use.

All credit ratings will be monitored daily. The Council is alerted to changes to ratings of all three agencies through its use of the Link creditworthiness service.

- if a downgrade results in the counterparty / investment scheme no longer meeting the Council's minimum criteria, its further use as a new investment will be withdrawn immediately.
- in addition to the use of credit ratings the Council will be advised of information in movements in Credit Default Swap spreads against the iTraxx European Financials benchmark and other market data on a daily basis via its Passport website, provided exclusively to it by Link. Extreme market movements may result in downgrade of an institution or removal from the Council's lending list.

Sole reliance will not be placed on the use of this external service. In addition, this Council will also use market data and market information, as well as

information on any external support for banks to help support its decision-making process.

Y	Pi1	Pi2	P	B	O	R	G	N/C
1	1.25	1.5	2	3	4	5	6	7
Up to 5yrs	Up to 5yrs	Up to 5yrs	Up to 2yrs	Up to 1yr	Up to 1yr	Up to 6mths	Up to 100days	No Colour

	Colour (and long term rating where applicable)	Money Limit	Transaction limit	Time Limit
Banks *	yellow	£8m	£8m	5yrs
Banks	purple	£7m	£7m	2 yrs
Banks	orange	£5m	£5m	1 yr
Banks – part nationalised	blue	£5m	£5m	1 yr
Banks	red	£5m	£5m	6 mths
Banks	green	£3m	£3m	100 days
Banks	No colour	Not to be used	£0m	
Other institutions limit	-	£m	£3m	5yrs
DMADF	UK sovereign rating	unlimited	£5m	6 months
Local authorities	n/a	£8m	£8m	5yrs
Housing associations	Colour bands	£8m	£8m	As per colour band
	Fund rating**	Money Limit	Transaction limit	Time Limit
Money Market Funds CNAV	AAA	£10m	£10m	liquid
Money Market Funds LVNAV	AAA	£10m	£10m	liquid
Money Market Funds VNAV	AAA	£10m	£10m	liquid

Ultra-Short Dated Bond Funds with a credit score of 1.25	Dark pink / AAA	£8m	£8m	liquid
Ultra-Short Dated Bond Funds with a credit score of 1.50	Light pink / AAA	£8m	£8m	liquid

** Please note: the yellow colour category is for UK Government debt, or its equivalent, money market funds and collateralised deposits where the collateral is UK Government debt –see appendix 5.4.*

*** Please note: "fund" ratings are different to individual counterparty ratings, coming under either specific "MMF" or "Bond Fund" rating criteria.*

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 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.

- a) **Non-specified treasury management investment limit.** The Council has determined that it will limit the maximum total exposure of treasury management investments to non-specified treasury management investments as being 10% of the total treasury management investment portfolio.
- b) **Country limit.** The Council has determined that it will only use approved counterparties from the UK and from countries with a **minimum sovereign credit rating of AA-** from Fitch (or equivalent). The list of countries that qualify using this credit criteria as at the date of this report are shown in Appendix 5.6. This list will

be added to, or deducted from, by officers should ratings change in accordance with this policy.

c) **Other limits.** In addition:

- no more than 25% will be placed with any non-UK country at any time;
- limits in place above will apply to a group of companies;
- sector limits will be monitored regularly for appropriateness.

The Council's current account with Lloyds Bank is not included within the limits above. The reason for this is that the Council cannot control the income levels that are deposited through its operational bank account, which are likely to be less than investment balances. The Council does ensure that the current account balance is brought to a minimum at the start of each morning.

4.4 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.

- 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.

Investment returns expectations.

The current forecast shown in paragraph 3.3, includes a forecast for a first increase in Bank Rate in December 2021 though there is a high risk that it could be delayed until quarter 1 or 2 of 2022.

The suggested budgeted investment earnings rates for returns on investments placed for periods up to about three months during each financial year, (based on a first increase in Bank Rate in quarter 2 of 2022), are as follows.:

Average earnings in each year	Now	Previously
2022/23	0.50%	0.25%
2023/24	0.75%	0.50%
2024/25	1.00%	0.50%

2025/26	1.25%	1.00%
Long term later years	2.00%	2.00%

For its cash flow generated balances, the Council will seek to utilise its business reserve instant access and notice accounts, money market funds and short-dated deposits, (overnight to 100 days), in order to benefit from the compounding of interest.

Investment treasury indicator and limit - total principal funds invested for greater than 365 days. These limits are set with regard to the Council's liquidity requirements and to reduce the need for early sale of an investment and are based on the availability of funds after each year-end.

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

Principal Invested for more than 364 Days

2022/23	2023/24	2024/25	2025/26	2026/27
£m	£m	£m	£m	£m
2.000	2.000	2.000	2.000	2.000

4.5 Investment performance / risk benchmarking

This Council uses an investment benchmark to assess the security of institutions it deposits funds with against an average score which is based on the creditworthiness of the institution. This is reported as part of the Council's Performance Indicators to Policy & Resources Committee each quarter.

4.6 End of year investment report

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

4.7 External fund managers

£13.3m of the Council's funds is externally managed within Money Market Funds with following institutions:

- Goldman Sachs Asset Management International
- Aberdeen Standard Investments
- Federated Investors (UK) LLP
- CCLA – The Public Sector Deposit Fund

The Council's external fund managers will comply with the Annual Investment Strategy. The agreements between the Council and the fund managers additionally stipulate guidelines on duration and other limits in order to contain and control risk.

The Council fully appreciates the importance of monitoring the activity and resultant performance of its appointed external fund manager. In order to aid this assessment, the Council is provided with a suite of regular reporting from its manager.

5 TM STRATEGY APPENDICES

1. Prudential and treasury indicators
2. Interest rate forecasts
3. Economic background
4. Treasury management practice 1 – credit and counterparty risk management
5. Approved countries for investments
6. Treasury management scheme of delegation
7. The treasury management role of the section 151 officer

5.1 THE CAPITAL PRUDENTIAL AND TREASURY 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.

5.1.1 Capital expenditure

2021/22 £m	2022/23 £m	2023/24 £m	2024/25 £m	2025/26 £m	2026/27 £m
33.179	27.530	31.099	51.404	53.572	69.738

5.1.2 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.

	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27
Interest Paid £000	118	508	1,009	2,057	3,223	4,770
Interest Received £000	-46	-60	-80	-100	-100	-100
Net Revenue Exp £000	19,695	22,625	21,664	23,328	24,270	25,238
%	0.37	1.98	4.29	8.39	12.87	18.51

	2021/22 £m	2022/23 £m	2023/24 £m	2024/25 £m	2025/26 £m	2026/27 £m
Cost of Borrowing	0.072	0.448	0.929	1.957	3.123	4.670

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

5.1.3 Maturity structure of borrowing

Maturity structure of borrowing. These gross limits are set to reduce the Council's exposure to large, fixed rate sums falling due for refinancing, and are required for upper and lower limits.

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

	Upper Limit %	Lower Limit %
Under 12 months	44	0
12 months to under 24 months	100	0
24 months to under 5 years	100	0
5 years to under 10 years	100	0
10 years and within 20 years	100	0
20 years and within 30 years	100	0
30 years and within 40 years	100	0
40 years and within 50 years	56	0

5.1.4. Control of interest rate exposure

Please see paragraphs 3.3, 3.4 and 4.4.

5.2 INTEREST RATE FORECASTS 2021-2025

Please see 3.3 of this report.

5.3 ECONOMIC BACKGROUND

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

- In December, the Bank of England became the first major western central bank to put interest rates up in this upswing in the current business cycle in western economies as recovery progresses from the Covid recession of 2020.
- The next increase in Bank Rate could be in February or May, dependent on how severe an impact there is from Omicron.
- If there are lockdowns in January, this could pose a barrier for the MPC to putting Bank Rate up again as early as 3rd February.
- With inflation expected to peak at around 6% in April, the MPC may want to be seen to be active in taking action to counter inflation on 5th May, the release date for its Quarterly Monetary Policy Report.

- The December 2021 MPC meeting was more concerned with combating inflation over the medium term than supporting economic growth in the short term.
- Bank Rate increases beyond May are difficult to forecast as inflation is likely to drop sharply in the second half of 2022.
- However, the MPC will want to normalise Bank Rate over the next three years so that it has its main monetary policy tool ready to use in time for the next down-turn; all rates under 2% are providing stimulus to economic growth.
- We have put year end 0.25% increases into Q1 of each financial year from 2023 to recognise this upward bias in Bank Rate - but the actual timing in each year is difficult to predict.
- Covid remains a major potential downside threat in all three years as we ARE likely to get further mutations.
- How quickly can science come up with a mutation proof vaccine, or other treatment, – and for them to be widely administered around the world?
- Purchases of gilts under QE ended in December. Note that when Bank Rate reaches 0.50%, the MPC has said it will start running down its stock of QE.

MPC MEETING 16^H DECEMBER 2021

- The Monetary Policy Committee (MPC) voted 8-1 to raise Bank Rate by 0.15% from 0.10% to 0.25% and unanimously decided to make no changes to its programme of quantitative easing purchases due to finish in December 2021 at a total of £895bn.
- The MPC disappointed financial markets by not raising Bank Rate at its November meeting. Until Omicron burst on the scene, most forecasters, therefore, viewed a Bank Rate increase as being near certain at this December meeting due to the way that inflationary pressures have been comprehensively building in both producer and consumer prices, and in wage rates. However, at the November meeting, the MPC decided it wanted to have assurance that the labour market would get over the end of the furlough scheme on 30th September without unemployment increasing sharply; their decision was, therefore, to wait until statistics were available to show how the economy had fared at this time.
- **On 10th December we learnt of the disappointing 0.1% m/m rise in GDP** in October which suggested that economic growth had already slowed to a crawl even before the Omicron variant was discovered in late November. Early evidence suggests growth in November might have been marginally better. Nonetheless, at such low rates of growth, the government's "Plan B" COVID-19 restrictions could cause the economy to contract in December.
- **On 14th December, the labour market statistics** for the three months to October and the single month of October were released. The fallout after the furlough scheme was smaller and shorter than the Bank of England had feared. The single-month data were more informative and showed that LFS employment fell by 240,000,

unemployment increased by 75,000 and the unemployment rate rose from 3.9% in September to 4.2%. However, the weekly data suggested this didn't last long as unemployment was falling again by the end of October. What's more, the 49,700 fall in the claimant count and the 257,000 rise in the PAYE measure of company payrolls suggests that the labour market strengthened again in November. The other side of the coin was a further rise in the number of vacancies from 1.182m to a record 1.219m in the three months to November which suggests that the supply of labour is struggling to keep up with demand, although the single-month figure for November fell for the first time since February, from 1.307m to 1.227m.

- These figures by themselves, would probably have been enough to give the MPC the assurance that it could press ahead to raise Bank Rate at this December meeting. However, the advent of Omicron potentially threw a spanner into the works as it poses a major headwind to the economy which, of itself, will help to cool the economy. The financial markets, therefore, swung round to expecting no change in Bank Rate.
- **On 15th December we had the CPI inflation** figure for November which spiked up further from 4.2% to 5.1%, confirming again how inflationary pressures have been building sharply. However, Omicron also caused a sharp fall in world oil and other commodity prices; (gas and electricity inflation has generally accounted on average for about 60% of the increase in inflation in advanced western economies).
- **Other elements of inflation are also transitory** e.g., prices of goods being forced up by supply shortages, and shortages of shipping containers due to ports being clogged have caused huge increases in shipping costs. But these issues are likely to clear during 2022, and then prices will subside back to more normal levels. Gas prices and electricity prices will also fall back once winter is passed and demand for these falls away.
- Although it is possible that the Government could step in with some **fiscal support for the economy**, the huge cost of such support to date is likely to pose a barrier to incurring further major economy wide expenditure unless it is very limited and targeted on narrow sectors like hospitality, (as announced just before Christmas). The Government may well, therefore, effectively leave it to the MPC, and to monetary policy, to support economic growth – but at a time when the threat posed by rising inflation is near to peaking!
- This is the adverse set of factors against which the MPC had to decide on Bank Rate. For the second month in a row, the MPC blind-sided financial markets, this time with a **surprise increase in Bank Rate from 0.10% to 0.25%**. What's more, the hawkish tone of comments indicated that the MPC is now concerned that inflationary pressures are indeed building and need concerted action by the MPC to counter. This indicates that there will be more increases to come

with financial markets predicting 1% by the end of 2022. The 8-1 vote to raise the rate shows that there is firm agreement that inflation now poses a threat, especially after the CPI figure hit a 10-year high this week. The MPC commented that "there has been significant upside news" and that "there were some signs of greater persistence in domestic costs and price pressures".

- On the other hand, it did also comment that "**the Omicron variant is likely to weigh on near-term activity**". But it stressed that at the November meeting it had said it would raise rates if the economy evolved as it expected and that now "these conditions had been met". It also appeared more worried about the possible boost to inflation from Omicron itself. It said that "the current position of the global and UK economies was materially different compared with prior to the onset of the pandemic, including elevated levels of consumer price inflation". It also noted the possibility that renewed social distancing would boost demand for goods again, (as demand for services would fall), meaning "global price pressures might persist for longer". (Recent news is that the largest port in the world in China has come down with an Omicron outbreak which is not only affecting the port but also factories in the region.)
- On top of that, there were no references this month to inflation being expected to be below the **2% target in two years' time**, which at November's meeting the MPC referenced to suggest the markets had gone too far in expecting interest rates to rise to over 1.00% by the end of the year.
- These comments indicate that there has been a material reappraisal by the MPC of the inflationary pressures since their last meeting and the Bank also increased its forecast for inflation to peak at 6% next April, rather than at 5% as of a month ago. However, as the Bank retained its guidance that only a "**modest tightening**" in policy will be required, it cannot be thinking that it will need to increase interest rates that much more. A typical policy tightening cycle has usually involved rates rising by 0.25% four times in a year. "Modest" seems slower than that. As such, the Bank could be thinking about raising interest rates two or three times next year to 0.75% or 1.00%.
- In as much as a considerable part of the inflationary pressures at the current time are indeed **transitory**, and will naturally subside, and since economic growth is likely to be weak over the next few months, this would appear to indicate that this tightening cycle is likely to be comparatively short.
- As for the timing of the next increase in Bank Rate, the MPC dropped the comment from November's statement that Bank Rate would be raised "in the coming months". That may imply another rise is unlikely at the next meeting in February and that May is more likely. However, much could depend on how adversely, or not, the economy is affected by Omicron in the run up to the next meeting on 3rd February. Once 0.50% is reached, the Bank would act to start

shrinking its stock of QE, (gilts purchased by the Bank would not be replaced when they mature).

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

- **US.** Shortages of goods and intermediate goods like semi-conductors, have been fuelling increases in prices and reducing economic growth potential. In November, **CPI inflation hit a near 40-year record level of 6.8%** but with energy prices then falling sharply, this is probably the peak. The biggest problem for the Fed is the mounting evidence of a strong pick-up in cyclical price pressures e.g., in rent which has hit a decades high.
- **Shortages of labour** have also been driving up wage rates sharply; this also poses a considerable threat to feeding back into producer prices and then into consumer prices inflation. It now also appears that there has been a sustained drop in the labour force which suggests the pandemic has had a longer-term scarring effect in reducing potential GDP. Economic growth may therefore be reduced to between 2 and 3% in 2022 and 2023 while core inflation is likely to remain elevated at around 3% in both years instead of declining back to the Fed's 2% central target.
- Inflation hitting 6.8% and the feed through into second round effects, meant that it was near certain that the **Fed's meeting of 15th December** would take aggressive action against inflation. Accordingly, the rate of tapering of monthly \$120bn QE purchases announced at its November 3rd meeting, was doubled so that all purchases would now finish in February 2022. In addition, Fed officials had started discussions on running down the stock of QE held by the Fed. Fed officials also expected three rate rises in 2022 of 0.25% from near zero currently, followed by three in 2023 and two in 2024, taking rates back above 2% to a neutral level for monetary policy. The first increase could come as soon as March 2022 as the chairman of the Fed stated his view that the economy had made rapid progress to achieving the other goal of the Fed – "maximum employment". The Fed forecast that inflation would fall from an average of 5.3% in 2021 to 2.6% in 2023, still above its target of 2% and both figures significantly up from previous forecasts. What was also significant was that this month the Fed dropped its description of the current level of inflation as being "transitory" and instead referred to "elevated levels" of inflation: the statement also dropped most of the language around the flexible average inflation target, with inflation now described as having exceeded 2 percent "for some time". It did not see

Omicron as being a major impediment to the need to take action now to curtail the level of inflationary pressures that have built up, although Fed officials did note that it has the potential to exacerbate supply chain problems and add to price pressures.

See also comments in paragraph 3.3 under PWLB rates and gilt yields.

- **EU.** The slow roll out of vaccines initially delayed **economic recovery** in early 2021 but the vaccination rate then picked up sharply. After a contraction of -0.3% in Q1, Q2 came in with strong growth of 2%. With Q3 at 2.2%, the EU recovery was then within 0.5% of its pre Covid size. However, the arrival of Omicron is now a major headwind to growth in quarter 4 and the expected downturn into weak growth could well turn negative, with the outlook for the first two months of 2022 expected to continue to be very weak.
- **November's inflation figures** breakdown shows that the increase in price pressures is not just due to high energy costs and global demand-supply imbalances for durable goods as services inflation also rose. Headline inflation reached 4.9% in November, with over half of that due to energy. However, oil and gas prices are expected to fall after the winter and so energy inflation is expected to plummet in 2022. Core goods inflation rose to 2.4% in November, its second highest ever level, and is likely to remain high for some time as it will take a long time for the inflationary impact of global imbalances in the demand and supply of durable goods to disappear. Price pressures also increased in the services sector, but wage growth remains subdued and there are no signs of a trend of faster wage growth which might lead to *persistently* higher services inflation - which would get the ECB concerned. The upshot is that the euro-zone is set for a prolonged period of inflation being above the ECB's target of 2% and it is likely to average 3% in 2022, in line with the ECB's latest projection.
- **ECB tapering.** The ECB has joined with the Fed by also announcing at its meeting 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 for over half of next year. However, as inflation will fall back sharply during 2022, it is likely that it will leave its central rate below zero, (currently -0.50%), over the next two years. The main struggle that the ECB has had in recent years is that inflation has been doggedly anaemic in sticking below the ECB's target rate despite all its major programmes of monetary easing by cutting rates into negative territory and providing QE support.
- The ECB will now also need to consider the impact of **Omicron** on the economy, and it stated at its December meeting that it is prepared to provide further QE support if the pandemic causes bond yield spreads of peripheral countries, (compared to the yields of northern EU countries), to rise. However, that is the only reason it will support peripheral yields, so this support is limited in its scope.
- The EU has entered into a **period of political uncertainty** where a new German government formed of a coalition of three parties with Olaf Scholz replacing Angela Merkel as Chancellor in December 2021, will need to find its feet both within the EU and in the three parties successfully working together. In France there is a presidential election coming up in April 2022 followed by the legislative election in June. In

addition, Italy needs to elect a new president in January with Prime Minister Draghi being a favourite due to having suitable gravitas for this post. However, if he switched office, there is a significant risk that the current government coalition could collapse. That could then cause differentials between Italian and German bonds to widen when 2022 will also see a gradual running down of ECB support for the bonds of weaker countries within the EU. These political uncertainties could have repercussions on economies and on Brexit issues.

- **CHINA.** After a concerted effort to get on top of the virus outbreak in Q1 2020, economic recovery was strong in the rest of **2020**; this enabled China to recover all the initial contraction. During 2020, policy makers both quashed the virus and implemented a programme of monetary and fiscal support that was particularly effective at stimulating short-term growth. At the same time, China's economy benefited from the shift towards online spending by consumers in developed markets. These factors helped to explain its comparative outperformance compared to western economies during 2020 and earlier in 2021.
- However, the pace of economic growth has now fallen back in **2021** after this initial surge of recovery from the pandemic and looks likely to be particularly weak in 2022. China has been struggling to contain the spread of the Delta variant through using sharp local lockdowns - which depress economic growth. Chinese consumers are also being very wary about leaving home and so spending money on services. However, with Omicron having now spread to China, and being much more easily transmissible, this strategy of sharp local lockdowns to stop the virus may not prove so successful in future. In addition, the current pace of providing boosters at 100 billion per month will leave much of the 1.4 billion population exposed to Omicron, and any further mutations, for a considerable time. The **People's Bank of China** made a start in December 2021 on cutting its key interest rate marginally so as to stimulate economic growth. However, after credit has already expanded by around 25% in just the last two years, it will probably leave the heavy lifting in supporting growth to fiscal stimulus by central and local government.
- Supply shortages, especially of coal for power generation, were causing widespread power cuts to industry during the second half of 2021 and so a sharp disruptive impact on some sectors of the economy. In addition, recent regulatory actions motivated by a political agenda to channel activities into officially approved directions, are also likely to reduce the dynamism and long-term growth of the Chinese economy.
- **JAPAN.** 2021 has been a patchy year in combating Covid. However, recent business surveys indicate that the economy has been rebounding rapidly in 2021 once the bulk of the population had been double vaccinated and new virus cases had plunged. However, Omicron could reverse this initial success in combating Covid.
- The Bank of Japan is continuing its **very loose monetary policy** but with little prospect of getting inflation back above 1% towards its target of 2%, any time soon: indeed, inflation was actually negative in July. New Prime Minister Kishida, having won the November general election,

brought in a supplementary budget to boost growth, but it is unlikely to have a major effect.

- **WORLD GROWTH.** World growth was in recession in 2020 but recovered during 2021 until starting to lose momentum in the second half of the year, though overall growth for the year is expected to be about 6% and to be around 4-5% in 2022. Inflation has been rising due to increases in gas and electricity prices, shipping costs and supply shortages, although these should subside during 2022. While headline inflation will fall sharply, core inflation will probably not fall as quickly as central bankers would hope. 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.

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

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

NON-SPECIFIED INVESTMENTS: These are any investments which do not meet the specified investment criteria. A maximum of 25% will be held in aggregate in non-specified investment.

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

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

	Minimum credit criteria / colour band	£ limit per institution	Max. maturity period
DMADF – UK Government	yellow	£8m	6 months (max. is set by the DMO*)
UK Government gilts	yellow	£8m	5 years
UK Government Treasury bills	yellow	£8m	364 days (max. is set by the DMO*)
Bonds issued by multilateral development banks	yellow	£8m	5 years
Money Market Funds CNAV	AAA	£10m	Liquid
Money Market Funds LNAV	AAA	£10m	Liquid
Money Market Funds VNAV	AAA	£10m	Liquid
Ultra-Short Dated Bond Funds with a credit score of 1.25	AAA	£8m	Liquid
Ultra-Short Dated Bond Funds with a credit score of 1.5	AAA	£8m	Liquid

Local authorities	yellow	£5m	5 years
Term deposits with housing associations	Blue Orange Red Green No Colour	£5m	12 months 12 months 6 months 100 days Not for use
Term deposits with banks and building societies	Blue Orange Red Green No Colour	£5m	12 months 12 months 6 months 100 days Not for use
CDs or corporate bonds with banks and building societies	Blue Orange Red Green No Colour	£5m	12 months 12 months 6 months 100 days Not for use
Gilt funds	UK sovereign rating	£8m	

* DMO – is the Debt Management Office of HM Treasury

SPECIFIED INVESTMENTS:

(All such investments will be sterling denominated, with **maturities up to a maximum of 1 year**, meeting the minimum 'high' rating criteria where applicable)

	Minimum 'High' Credit Criteria	Use
Debt Management Agency Deposit Facility	--	In-house
Term deposits – local authorities	--	In-house
Term deposits – housing associations	--	In-house
Term deposits – banks and building societies **	Green	In-house
Term deposits – banks and building societies **	Green	Fund Managers

Term deposits with nationalised banks, banks and building societies

	Minimum Credit Criteria	Use	*** Max % of total investments	Max. maturity period
UK part nationalised banks	Red	In-house	--	6 months
UK part nationalised banks	UK sovereign rating or * Short-term ___, Long-term ___, Sovereign rating	Fund Managers	--	
Banks part nationalised by high credit rated (sovereign rating) countries – non-UK	Sovereign rating or * Short-term ___, Long-term ___, Sovereign rating	In-house and Fund Managers		

Collateralised deposit (see note 2)	UK sovereign rating	In-house and Fund Managers
UK Government Gilts	UK sovereign rating	In-house buy and hold and Fund Managers
Bonds issued by multilateral development banks	A-	In-house buy and hold and Fund Managers
Bonds issued by a financial institution which is explicitly guaranteed by the UK Government e.g., National Rail	UK sovereign rating	In-house buy and hold and Fund Managers
Sovereign bond issues (other than the UK govt)	A-	In-house buy and hold and Fund Managers
Treasury Bills	UK sovereign rating	In house and Fund Managers

Collective Investment Schemes structured as Open-Ended Investment Companies (OEICs): -		
1a. Money Market Funds (CNAV)	AAA	In-house and Fund Managers
1b. Money Market Funds (LVNAV)	AAA	In-house and Fund Managers
1c. Money Market Funds (VNAV)	AAA	In-house and Fund Managers
2a. Ultra-Short Dated Bond Funds with a credit score of 1.25	AAA	In-house and Fund Managers

2b. Ultra-Short Dated Bond Funds with a credit score of 1.5	AAA	In-house and Fund Managers
3. Bond Funds	AAA	In-house and Fund Managers
4. Gilt Funds	UK sovereign rating	In-house and Fund Managers

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.

NON-SPECIFIED INVESTMENTS: A maximum of 20% will be held in aggregate in non-specified investment

1. Maturities of ANY period

	Minimum Credit Criteria	Use
Fixed term deposits with variable rate and variable maturities: -Structured deposits	Purple	In-house
Certificates of deposit issued by banks and building societies	Purple	In-house
Commercial paper other	Purple	In-house and Fund Managers
Corporate bonds	Purple	In-house and Fund Managers
Floating rate notes	Purple	In house and Fund Managers
Collective Investment Schemes structured as Open-Ended Investment Companies (OEICs)		
Corporate bond fund	Purple	In house and Fund Managers
Multi Asset Income Fund, property	Purple	In house and Fund Managers

Use of external fund managers – It is the Council’s policy to use external fund managers for part of its investment portfolio. The fund managers will use both specified and non-specified investment categories and are contractually committed to keep to the Council’s investment strategy. The fund managers the Council currently engages with are for Money Market Funds and Enhanced Cash Funds.

The Council fully appreciates the importance of monitoring the activity and resultant performance of its appointed external fund manager. In order to aid this assessment, the Council is provided with a suite of regular reporting from its manager. This includes Daily Fund Reports and access to the Money Market Portal.

5.5 APPROVED COUNTRIES FOR INVESTMENTS

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

Based on lowest available rating

AAA

- Australia
- Denmark
- Germany
- Luxembourg
- Netherlands
- Norway
- Singapore
- Sweden
- Switzerland

AA+

- Canada
- Finland
- U.S.A.

AA

- Abu Dhabi (UAE)
- France

AA-

- Belgium
- Hong Kong
- Qatar
- **U.K.**

5.6 TREASURY MANAGEMENT SCHEME OF DELEGATION

(i) Full board/council

- receiving and reviewing reports on treasury management policies, practices and activities;
- approval of annual strategy.

(ii) Audit Governance & Standards Committee/ Policy & Resources Committee /Full Council

- 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 Governance & Standards Committee

- reviewing the treasury management policy and procedures and making recommendations to the responsible body.

5.7 THE TREASURY MANAGEMENT ROLE OF THE SECTION 151 OFFICER

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.
- preparation of a capital strategy to include capital expenditure, capital financing, non-financial investments and treasury management, with a long-term timeframe.
- ensuring that the capital strategy is prudent, sustainable, affordable and prudent in the long term and provides value for money
- ensuring that due diligence has been carried out on all treasury and non-financial investments and is in accordance with the risk appetite of the authority
- ensure that the authority has appropriate legal powers to undertake expenditure on non-financial assets and their financing
- ensuring the proportionality of all investments so that the authority does not undertake a level of investing which exposes the authority to an excessive level of risk compared to its financial resources
- ensuring that an adequate governance process is in place for the approval, monitoring and ongoing risk management of all non-financial investments and long term liabilities
- provision to members of a schedule of all non-treasury investments including material investments in subsidiaries, joint ventures, loans and financial guarantees
- ensuring that members are adequately informed and understand the risk exposures taken on by an authority
- ensuring that the authority has adequate expertise, either in house or externally provided, to carry out the above
- creation of Treasury Management Practices which specifically deal with how non treasury investments will be carried out and managed, to include the following: -
 - *Risk management (TMP1 and schedules), including investment and risk management criteria for any material non-treasury investment portfolios;*

- *Performance measurement and management (TMP2 and schedules), including methodology and criteria for assessing the performance and success of non-treasury investments;*
- *Decision making, governance and organisation (TMP5 and schedules), including a statement of the governance requirements for decision making in relation to non-treasury investments; and arrangements to ensure that appropriate professional due diligence is carried out to support decision making;*
- *Reporting and management information (TMP6 and schedules), including where and how often monitoring reports are taken;*
- *Training and qualifications (TMP10 and schedules), including how the relevant knowledge and skills in relation to non-treasury investments will be arranged.*