

TREASURY MANAGEMENT STRATEGY 2024/25

1. Introduction

Treasury management is the management of the Authority's cash flows, borrowing and investments, and the associated risks. The Authority has invested substantial sums of money and is therefore exposed to financial risks including the loss of invested funds and the revenue effect of changing interest rates. The successful identification, monitoring and control of financial risk are therefore central to the Authority's prudent financial management.

Treasury risk management at the Authority is conducted within the framework of the Chartered Institute of Public Finance and Accountancy's Treasury Management in the Public Services: Code of Practice 2021 Edition (the CIPFA Code) which requires the Authority to approve a treasury management strategy before the start of each financial year. This report fulfils the Authority's legal obligation under the Local Government Act 2003 to have regard to the CIPFA Code.

Tees Valley Combined Authority are supported by professional advisors Arlingclose Limited, in order to ensure that up to date market advice and information on the most appropriate investment / borrowing options are obtained.

Through a service level agreement, Stockton Borough Council (SBC) provides the Combined Authority with a treasury management service. The CIPFA code requires that staff with responsibility for treasury management receive adequate training to carry out this role. SBC assess the requirements for training as part of the staff appraisal process and they regularly attend courses and seminars provided by Arlingclose and CIPFA.

2. Economic Context

Economic Background

The impact on the UK from higher interest rates and inflation, a weakening economic outlook, an uncertain political climate due to an upcoming general election, together with war in Ukraine and the Middle East, will be major influences on the Authority's treasury management strategy for 2024/25.

The Bank of England (BoE) increased Bank Rate to 5.25% in August 2023, before maintaining this level for the rest of 2023. In December 2023, members of the BoE's Monetary Policy Committee voted 6-3 in favour of keeping Bank Rate at 5.25%. The three dissenters wanted to increase rates by another 0.25%.

The November quarterly Monetary Policy Report (MPR) forecast a prolonged period of weak Gross Domestic Product (GDP) growth with the potential for a mild contraction due to ongoing weak economic activity. The outlook for CPI inflation was deemed to be highly uncertain, with upside risks to CPI falling to the 2% target coming from potential energy price increases, strong domestic wage growth and persistence in price-setting.

Office for National Statistics (ONS) figures showed CPI inflation was 3.9% in November 2023, down from a 4.6% rate in the previous month and, in line with the recent trend, lower than expected. The core CPI inflation rate declined to 5.1% from the previous month's 5.7%, again lower than predictions. Looking ahead, using the interest rate path implied by financial markets the BoE expects CPI inflation to continue falling slowly, but taking until early 2025 to reach the 2% target before dropping below target during the second half 2025 and into 2026.

ONS figures showed the UK economy contracted by 0.1% between July and September 2023. The BoE forecasts GDP will likely stagnate through 2024. The BoE forecasts that higher interest rates will constrain GDP growth, which will remain weak over the entire forecast horizon.

The labour market appears to be loosening, but only very slowly. The unemployment rate rose slightly to 4.2% between June and August 2023, from 4.0% in the previous 3-month period, but the lack of consistency in the data between the two periods made comparisons difficult. Earnings growth has remained strong but has showed some signs of easing; regular pay (excluding bonuses) was up 7.3% over the period and total pay (including bonuses) up 7.2%. Adjusted for inflation, regular pay was 1.4% and total pay 1.3%. Looking forward, the MPR showed the unemployment rate is expected to be around 4.25% in the second half of calendar 2023, but then rising steadily over the forecast horizon to around 5% in late 2025/early 2026.

Credit Outlook

Credit Default Swap (CDS) prices were volatile during 2023, spiking in March on the back of banking sector contagion concerns following the major events of Silicon Valley Bank becoming insolvent and the takeover of Credit Suisse by UBS. After then falling back in Q2 of calendar 2023, in the second half of the year, higher interest rates and inflation, the ongoing war in Ukraine, and now the Middle East, have led to CDS prices increasing steadily.

On an annual basis, CDS price volatility has so far been lower in 2023 compared to 2022, but this year has seen more of a divergence in prices between ringfenced (retail) and non-ringfenced (investment) banking entities once again.

Moody's revised its outlook on the UK sovereign to stable from negative to reflect its view of restored political predictability following the volatility after the 2022 mini-budget. Moody's also affirmed the Aa3 rating in recognition of the UK's economic resilience and strong institutional framework.

Following its rating action on the UK sovereign, Moody's revised the outlook on five UK banks to stable from negative and then followed this by the same action on five rated local authorities. However, within the same update the long-term ratings of those five local authorities were downgraded.

There remain competing tensions in the banking sector, on one side from higher interest rates boosting net income and profitability against another of a weakening economic outlook and likely recessions that increase the possibility of a deterioration in the quality of banks' assets.

However, the institutions on our adviser Arlingclose's counterparty list remain well-capitalised and their counterparty advice on both recommended institutions and maximum duration remain under constant review and will continue to reflect economic conditions and the credit outlook.

Interest Rate Forecast

Although UK inflation and wage growth remain elevated, the Authority's treasury management adviser Arlingclose forecasts that Bank Rate has peaked at 5.25%. The Bank of England's Monetary Policy Committee will start reducing rates in 2024 to stimulate the UK economy but will be reluctant to do so until it is sure there will be no lingering second-round effects. Arlingclose sees rate cuts from Q3 2024 to a low of around 3% by early-mid 2026.

Arlingclose expects long-term gilt yields to be broadly stable at current levels (amid continued volatility), following the decline in yields towards the end of 2023, which reflects the expected lower medium-term path for Bank Rate. Yields will remain relatively higher than in the past, due to quantitative tightening and significant bond supply. As ever, there will undoubtedly be short-term volatility due to economic and political uncertainty and events.

A more detailed economic and interest rate forecast provided by Arlingclose is in Appendix A.

3. Local Context

The underlying need to borrow for capital purposes is measured by the Capital Financing Requirement (CFR), while balance sheet resources are the underlying sums available for investment. The Authority's current strategy is to maintain borrowing and investments below their underlying levels, sometimes known as internal borrowing. Forecast changes in these sums are shown in the balance sheet analysis in table 1 below.

CIPFA's Prudential Code for Capital Finance in Local Authorities recommends that the Authority's total debt should be lower than its highest forecast CFR over the next three years. Table 1 shows that the Authority expects to comply with this recommendation during 2024/25.

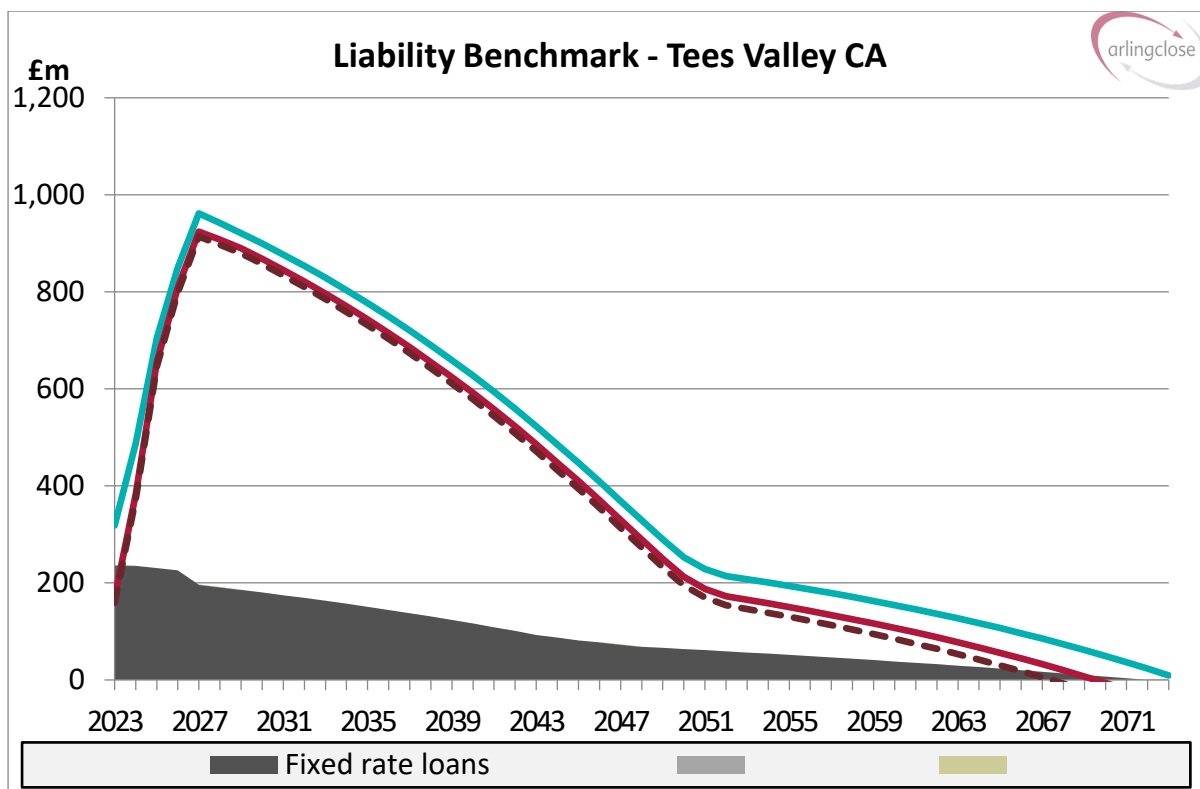
	31.3.23 Actual £'000	31.3.24 Estimate £'000	31.3.25 Forecast £'000	31.3.26 Forecast £'000	31.3.27 Forecast £'000
Capital financing requirement	421,521	588,500	807,713	955,898	1,074,936
Less: External borrowing	301,859	417,865	757,558	939,569	1,057,825
	119,662	170,635	50,155	16,329	17,111

Liability benchmark: To compare the Authority’s actual borrowing against an alternative strategy, a liability benchmark has been calculated showing the lowest risk level of borrowing. This assumes the same forecasts as the table above, but that cash and investment balances are kept to a minimum level of £10 million at each year-end to maintain sufficient liquidity but minimise credit risk.

The liability benchmark is an important tool to help establish whether the Authority is likely to be a long-term borrower or long-term investor in the future, and so shape its strategic focus and decision making. The liability benchmark itself represents an estimate of the cumulative amount of external borrowing the Authority must hold to fund its current capital and revenue plans while keeping treasury investments at the minimum level required to manage day-to-day cash flow.

	31.3.23 Actual £m	31.3.24 Estimate £m	31.3.25 Forecast £m	31.3.26 Forecast £m	31.3.27 Forecast £m
Loans CFR	318	488	705	849	962
Less: Balance sheet resources	159	115	59	51	48
Net loans requirement	159	373	646	798	914
Plus: Liquidity allowance	10	10	10	10	10
Liability benchmark	169	383	656	808	924

Following on from the medium-term forecasts in the table above, the long-term liability benchmark assumes capital expenditure to deliver the remainder of the investment plan, minimum revenue provision on new capital expenditure based on a 25 year asset life for general investment plan projects 50 year for specific regeneration project and income, expenditure and reserves all increasing by inflation of 2.5% a year. This is shown in the chart below together with the maturity profile of the Authority’s existing borrowing:



4. Borrowing Strategy

In the Autumn Statement 2016, the government announced that it would give Mayoral Combined Authorities powers to borrow for their new functions subject to agreeing a borrowing cap with HM Treasury. This will align the Combined Authorities' financial powers with their new responsibilities and give them the ability to invest in important priorities such as economic development and regeneration.

In March 2023 the borrowing cap was agreed between the Authority and Treasury (set out in the table below).

	2022-23	2023-24	2024-25
TVCA long-term external debt	£774,000,000	£1,000,000,000	£1,237,000,000

The Authority's chief objective when borrowing money will be to strike an appropriately low risk balance between securing low interest costs and achieving certainty of those costs over the period for which funds are required. The flexibility to renegotiate loans should the Authority's long-term plans change is a secondary objective.

The Authority's borrowing strategy will address the key issue of affordability without compromising the longer-term stability of the debt portfolio. With short-term interest rates currently much lower than long-term rates, it is likely to be more cost effective in the short-term to either use internal resources or to borrow short-term loans.

By following the borrowing strategy, the Authority will be able to reduce net borrowing costs and reduce overall treasury risk. The benefits of internal / short-term borrowing will

be monitored regularly against the potential for incurring additional costs by deferring borrowing into future years when long-term borrowing rates are forecast to rise modestly. Arlingclose will assist the Authority with this 'cost of carry' and breakeven analysis. Its output may determine whether the Authority borrows sums at long-term fixed rates in future years with a view to keeping future interest costs low, even if this causes additional cost in the short-term.

The Authority has previously raised the majority of its long-term borrowing from the PWLB but will consider long-term loans from other sources including banks, pensions and local authorities, and will investigate the possibility of issuing bonds and similar instruments, in order to lower interest costs and reduce over-reliance on one source of funding in line with the CIPFA Code. PWLB loans are no longer available to local authorities planning to buy investment assets primarily for yield; the Authority intends to avoid this activity in order to retain its access to PWLB loans.

Alternatively, the Authority may arrange forward starting loans during 2024/25, where the interest rate is fixed in advance, but the cash is received in later years. This would enable certainty of cost to be achieved without suffering a cost of carry in the intervening period.

In addition, the Authority may borrow short-term loans to cover unplanned cash flow.

Sources of Borrowing

The approved sources of long-term and short-term borrowing are:

- HM Treasury's PWLB lending facility (formerly the Public Works Loan Board)
- UK Infrastructure Bank
- any institution approved for investments
- any other bank or building society authorised to operate in the UK
- any other UK public sector body
- UK public and private sector pension funds
- capital market bond investors
- UK Municipal Bonds Agency plc and other special purpose companies created to enable local authority bond issues.

Other Sources of Debt Finance

Capital finance may be raised by the following methods that are not borrowing, but may be classed as other debt liabilities:

- leasing
- hire purchase
- Private Finance Initiative
- sale and leaseback

The Authority when borrowing will investigate all available sources of finance, such as local authority loans and bank loans, to achieve the most favourable rates.

The Prudential Code for Capital Finance in Local Authorities (Prudential Code) has been developed by the Chartered Institute of Public Finance and Accountancy to underpin the system of capital finance embodied in Part 1 of the Local Government Act 2003.

The key objectives of the Prudential Code are to ensure that capital investment plans are affordable, prudent and sustainable. The Prudential Code supports a system of self-regulation that is achieved by the setting and monitoring of a suite of Prudential Indicators that directly relate to each other.

The Prudential Indicators which the Authority will follow, and the minimum revenue provision statement are set out in the capital strategy report (Appendix 2)

5. Investment Strategy

The Authority currently holds significant invested funds, representing income received in advance of expenditure plus balances and reserves held. In the past 9 months, the Authority's investment balance has ranged between £18 million and £82 million. The Combined Authority Investment Plan sets out the forecasted expenditure profile over the Investment Plan period to 2029. The increased spending plans will reduce the previously held balances significantly and as such the invested funds will reduce to a minimal amount reserved for unforeseen circumstances during 2024/25.

The CIPFA Code requires the Authority to invest its funds prudently, and to have regard to the security and liquidity of its investments before seeking the highest rate of return, or yield. The Authority's objective when investing money is to strike an appropriate balance between risk and return, minimising the risk of incurring losses from defaults and the risk of receiving unsuitably low investment income. Where balances are expected to be invested for more than one year, the Authority will aim to achieve a total return that is equal or higher than the prevailing rate of inflation, in order to maintain the spending power of the sum invested. The Authority aims to be a responsible investor and will consider environmental, social and governance (ESG) issues when investing.

Strategy: As demonstrated by the liability benchmark above, the Authority expects to be a long-term borrower and new treasury investments will therefore be made primarily to manage day-to-day cash flows using short-term low risk instruments.

ESG policy: Environmental, social and governance (ESG) considerations are increasingly a factor in global investors' decision making, but the framework for evaluating investment opportunities is still developing and therefore the Authority's ESG policy does not currently include ESG scoring or other real-time ESG criteria at an individual investment level. When investing in banks and funds, the Authority will prioritise banks that are signatories to the UN Principles for Responsible Banking and funds operated by managers that are signatories to the UN Principles for Responsible Investment, the Net Zero Asset Managers Alliance and/or the UK Stewardship Code.

All of the Authority's surplus cash is currently invested in short-term unsecured bank deposits, with other local authorities and money market funds. As a result of the anticipated increased expenditure in the coming year the Authority will continue with this approach, maximising interest returns through a managed cashflow process.

The Authority may invest its surplus funds with any of the counterparty types in the table below, subject to the cash limits (per counterparty) and the time limits shown.

Approved investment counterparties and limits

Credit rating	Banks unsecured	Banks secured	Government	Corporates	Registered Providers
UK Govt	n/a	n/a	£ Unlimited 10 years	n/a	n/a
AAA	£7,500,000 5 years	£15,000,000 10 years	£15,000,000 10 years	£7,500,000 10 years	£7,500,000 10 years
AA+	£7,500,000 5 years	£15,000,000 10 years	£15,000,000 10 years	£7,500,000 10 years	£7,500,000 10 years
AA	£7,500,000 4 years	£15,000,000 5 years	£15,000,000 10 years	£7,500,000 5 years	£7,500,000 10 years
AA-	£7,500,000 3 years	£15,000,000 4 years	£15,000,000 10 years	£7,500,000 4 years	£7,500,000 10 years
A+	£7,500,000 2 years	£15,000,000 3 years	£7,500,000 5 years	£7,500,000 3 years	£7,500,000 5 years
A	£7,500,000 13 months	£15,000,000 2 years	£7,500,000 5 years	£7,500,000 2 years	£7,500,000 5 years
A-	£7,500,000 6 months	£15,000,000 13 months	£7,500,000 5 years	£7,500,000 13 months	£7,500,000 5 years
None	n/a	n/a	£15,000,000 10 years	£5,000,000 5 years	£7,500,000 5 years
Pooled funds and real estate investment trusts		£15m per fund			

This table must be read in conjunction with the notes below

Credit rating: Investment limits are set by reference to the lowest published long-term credit rating from a selection of external rating agencies. Where available, the credit rating relevant to the specific investment or class of investment is used, otherwise the counterparty credit rating is used. However, investment decisions are never made solely based on credit ratings, and all other relevant factors including external advice will be taken into account.

Banks unsecured: Accounts, deposits, certificates of deposit and senior unsecured bonds with banks and building societies, other than multilateral development banks. These investments are subject to the risk of credit loss via a bail-in should the regulator determine that the bank is failing or likely to fail. See below for arrangements relating to operational bank accounts.

Banks secured: Covered bonds, reverse repurchase agreements and other collateralised arrangements with banks and building societies. These investments are secured on the bank's assets, which limits the potential losses in the unlikely event of insolvency, and means that they are exempt from bail-in. Where there is no investment specific credit rating, but the collateral upon which the investment is secured has a credit rating, the higher of the collateral credit rating and the counterparty credit rating will be used to determine cash and time limits. The combined secured and unsecured investments in any one bank will not exceed the cash limit for secured investments.

Government: Loans, bonds and bills issued or guaranteed by national governments, regional and local authorities and multilateral development banks. These investments are not subject to bail-in, and there is generally a lower risk of insolvency, although they are not zero risk. Investments with the UK Central Government may be made in unlimited amounts for up to 50 years.

Corporates: Loans, bonds and commercial paper issued by companies other than banks and registered providers. These investments are not subject to bail-in but are exposed to the risk of the company going insolvent.

Registered providers: Loans and bonds issued by, guaranteed by or secured on the assets of registered providers of social housing and registered social landlords, formerly known as housing associations. These bodies are tightly regulated by the Regulator of Social Housing (in England), the Scottish Housing Regulator, the Welsh Government and the Department for Communities (in Northern Ireland). As providers of public services, they retain the likelihood of receiving government support if needed.

Pooled funds: Shares or units in diversified investment vehicles consisting of the any of the above investment types, plus equity shares and property. These funds have the advantage of providing wide diversification of investment risks, coupled with the services of a professional fund manager in return for a fee. Short-term Money Market Funds that offer same-day liquidity and very low or no volatility will be used as an alternative to instant access bank accounts, while pooled funds whose value changes with market prices and/or have a notice period will be used for longer investment periods.

Bond, equity and property funds offer enhanced returns over the longer term but are more volatile in the short term. These allow the Authority to diversify into asset classes other than cash without the need to own and manage the underlying investments. Because these funds have no defined maturity date, but are available for withdrawal after a notice period, their performance and continued suitability in meeting the Authority's investment objectives will be monitored regularly.

Real estate investment trusts: Shares in companies that invest mainly in real estate and pay the majority of their rental income to investors in a similar manner to pooled property funds. As with property funds, REITs offer enhanced returns over the longer term, but are more volatile especially as the share price reflects changing demand for the shares as well as changes in the value of the underlying properties.

Operational bank accounts: The Authority may incur operational exposures, for example through current accounts, collection accounts and merchant acquiring services, to any UK bank with credit ratings no lower than BBB- and with assets greater than £25 billion. These are not classed as investments but are still subject to the risk of a bank bail-in,

and balances will therefore be kept below £25 million per bank. The Bank of England has stated that in the event of failure, banks with assets greater than £25 billion are more likely to be bailed-in than made insolvent, increasing the chance of the Authority maintaining operational continuity.

Risk assessment and credit ratings: Credit ratings are obtained and monitored by the Authority's treasury advisers, who will notify changes in ratings as they occur. Where an entity has its credit rating downgraded so that it fails to meet the approved investment criteria then:

- no new investments will be made,
- any existing investments that can be recalled or sold at no cost will be, and
- full consideration will be given to the recall or sale of all other existing investments with the affected counterparty.

Where a credit rating agency announces that a credit rating is on review for possible downgrade (also known as "rating watch negative" or "credit watch negative") so that it may fall below the approved rating criteria, then only investments that can be will be made with that organisation until the outcome of the review is announced. This policy will not apply to negative outlooks, which indicate a long-term direction of travel rather than an imminent change of rating.

Other information on the security of investments: The Authority understands that credit ratings are good, but not perfect, predictors of investment default. Full regard will therefore be given to other available information on the credit quality of the organisations in which it invests, including credit default swap prices, financial statements, information on potential government support, reports in the quality financial press and analysis and advice from the Authority's treasury management adviser. No investments will be made with an organisation if there are substantive doubts about its credit quality, even though it may otherwise meet the above criteria.

Reputational aspects: The Authority is aware that investment with certain counterparties, while considered secure from a purely financial perspective, may leave it open to criticism, valid or otherwise, that may affect its public reputation, and this risk will therefore be taken into account when making investment decisions.

When deteriorating financial market conditions affect the creditworthiness of all organisations, as happened in 2008, 2020 and 2022, this is not generally reflected in credit ratings, but can be seen in other market measures. In these circumstances, the Authority will restrict its investments to those organisations of higher credit quality and reduce the maximum duration of its investments to maintain the required level of security. The extent of these restrictions will be in line with prevailing financial market conditions. If these restrictions mean that insufficient commercial organisations of high credit quality are available to invest the Authority's cash balances, then the surplus will be deposited with the UK Government via the Debt Management Office or invested in government treasury bills for example, or with other local authorities. This will cause a reduction in the level of investment income earned but will protect the principal sum invested.

Investment limits: The Authority's revenue reserves available to cover investment losses are forecast to be £1,058k on 31st March 2024 and £1,058k on 31st March 2025. The maximum that will be lent to any one organisation (other than the UK Government) will be £15 million. A group of banks under the same ownership will be treated as a single organisation for limit purposes. Limits will also be placed on fund managers, investments in brokers' nominee accounts, foreign countries and industry sectors as below. Investments in pooled funds and multilateral development banks do not count against the limit for any single foreign country, since the risk is diversified over many countries.

Investment limits

	Cash limit
Any single organisation, except the UK Central Government	£15,000,000
UK Central Government	unlimited
Any group of organisations under the same ownership	£15,000,000
Any group of pooled funds under the same management	£37,500,000
Negotiable instruments held in a broker's nominee account	£37,500,000
Foreign countries	£15,000,000
Registered providers and registered social landlords	£37,500,000
Unsecured investments with building societies	£15,000,000
Loans to unrated corporates	£15,000,000
Money Market Funds	Unlimited
Real estate investment trusts	£37,500,000

Liquidity management: The Authority uses cash flow forecasting to determine the maximum period for which funds may prudently be committed. The forecast is compiled on a prudent basis to minimise the risk of the Authority being forced to borrow on unfavourable terms to meet its financial commitments. Limits on long-term investments are set by reference to the Authority's investment plan and cash flow forecast.

6. Treasury Management Indicators

The Authority measures and manages its exposures to treasury management risks using the following indicators.

Liquidity: The Authority has adopted a voluntary measure of its exposure to liquidity risk by monitoring the amount of cash available to meet unexpected payments within a rolling three-month period, without borrowing.

Liquidity risk indicator	Target
Total cash available within 3 months	£1m

Interest rate exposures: This indicator is set to control the Authority's exposure to interest rate risk. Based on the current level of investments held, the one-year revenue impact of a 1% rise or fall in interest rates will be:

Interest rate risk indicator	Limit
One-year revenue impact of a 1% <u>rise or fall</u> in interest rates	£700,000

Maturity structure of borrowing: This indicator is set to control the Authority's exposure to refinancing risk. The upper and lower limits on the maturity structure of borrowing will be:

Refinancing rate risk indicator	Upper limit	Lower limit
Under 12 months	100%	0%
12 months and within 24 months	100%	0%
24 months and within 5 years	100%	0%
5 years and within 10 years	100%	0%
10 years and above	100%	0%

The limits will be reviewed and amended as the authority takes out further borrowing.

Principal sums invested for periods longer than a year: The purpose of this indicator is to control the Authority's exposure to the risk of incurring losses by seeking early repayment of its investments. The limits on the long-term principal sum invested to final maturities beyond the period end will be:

Price risk indicator	2022/23	2023/24	2024/25
Limit on principal invested beyond year end	£15m	£10m	£5m

7. Related Matters

The CIPFA Code requires the Authority to include the following in its treasury management strategy.

Financial Derivatives: Combined authorities have previously made use of financial derivatives embedded into loans and investments both to reduce interest rate risk (e.g. interest rate collars and forward deals) and to reduce costs or increase income at the expense of greater risk (e.g. LOBO loans and callable deposits). The general power of competence in section 113A of the Local Democracy, Economic Development and Construction Act 2009 removes much of the uncertainty over local authorities' use of standalone financial derivatives (i.e. those that are not embedded into a loan or investment).

The Authority will only use standalone financial derivatives (such as swaps, forwards, futures and options) where they can be clearly demonstrated to reduce the overall level of the financial risks that the Authority is exposed to. Additional risks presented, such as credit exposure to derivative counterparties, will be taken into account when determining the overall level of risk. Embedded derivatives, including those present in pooled funds and forward starting transactions, will not be subject to this policy, although the risks they present will be managed in line with the overall treasury risk management strategy.

Financial derivative transactions may be arranged with any organisation that meets the approved investment criteria, assessed using the appropriate credit rating for derivative exposures. An allowance for credit risk calculated using the methodology in the Treasury Management Practices document will count against the counterparty credit limit and the relevant foreign country limit.

In line with the CIPFA Code, the Authority will seek external advice and will consider that advice before entering into financial derivatives to ensure that it fully understands the implications.

Markets in Financial Instruments Directive: The Authority has opted up to professional client status with its providers of financial services, including advisers, banks, brokers and fund managers, allowing it access to a greater range of services but without the greater regulatory protections afforded to individuals and small companies. Given the size and range of the Authority's treasury management activities, the Director of Finance believes this to be the most appropriate status.

The CIPFA Code does not prescribe any particular treasury management strategy for local authorities to adopt. The Section 73 officer believes that the above strategy represents an appropriate balance between risk management and cost effectiveness. Some alternative strategies, with their financial and risk management implications, are listed below and will be considered if circumstance significantly change.

Alternative	Impact on income and expenditure	Impact on risk management
Invest in a narrower range of counterparties and/or for shorter times	Interest income will be lower	Lower chance of losses from credit related defaults, but any such losses may be greater
Invest in a wider range of counterparties and/or for longer times	Interest income will be higher	Increased risk of losses from credit related defaults, but any such losses may be smaller
Borrow additional sums at long-term fixed interest rates	Debt interest costs will rise; this is unlikely to be offset by higher investment income	Higher investment balance leading to a higher impact in the event of a default; however long-term interest costs may be more certain
Borrow short-term or variable loans instead of long-term fixed rates	Debt interest costs will initially be lower	Increases in debt interest costs will be broadly offset by rising investment income in the medium term, but long-term costs may be less certain
Reduce level of borrowing	Saving on debt interest is likely to exceed lost investment income	Reduced investment balance leading to a lower impact in the event of a default; however long-term interest costs may be less certain

Appendix A – Arlingclose Economic & Interest Rate Forecast – December 2023

Underlying assumptions:

- UK inflation and wage growth remain elevated but have eased over the past two months fuelling rate cuts expectations. Near-term rate cuts remain unlikely, although downside risks will increase as the UK economy likely slides into recession.
- The MPC's message remains unchanged as the Committee seeks to maintain tighter financial conditions. Monetary policy will remain tight as inflation is expected to moderate to target slowly, although some wage and inflation measures are below the Bank's last forecasts.
- Despite some deterioration in activity data, the UK economy remains resilient in the face of tighter monetary policy. Recent data has been soft but mixed; the timelier PMI figures suggest that the services sector is recovering from a weak Q3. Tighter policy will however bear down on domestic and external activity as interest rates bite.
- Employment demand is easing. Anecdotal evidence suggests slowing recruitment and pay growth, and we expect unemployment to rise further. As unemployment rises and interest rates remain high, consumer sentiment will deteriorate. Household and business spending will therefore be weak.
- Inflation will fall over the next 12 months. The path to the target will not be smooth, with higher energy prices and base effects interrupting the downtrend at times. The MPC's attention will remain on underlying inflation measures and wage data. We believe policy rates will remain at the peak for another 10 months, or until the MPC is comfortable the risk of further 'second-round' effects have diminished.
- Maintaining monetary policy in restrictive territory for so long, when the economy is already struggling, will require significant loosening in the future to boost activity.
- Global bond yields will remain volatile. Markets are currently running with expectations of near-term US rate cuts, fuelled somewhat unexpectedly by US policymakers themselves. Term premia and bond yields have experienced a marked decline. It would not be a surprise to see a reversal if data points do not support the narrative, but the current 10-year yield appears broadly reflective of a lower medium- term level for Bank Rate.
- There is a heightened risk of fiscal policy and/or geo-political events causing substantial volatility in yields.

Forecast:

- The MPC held Bank Rate at 5.25% in December. We believe this is the peak for Bank Rate.
- The MPC will cut rates in the medium term to stimulate the UK economy but will be reluctant to do so until it is sure there will be no lingering second-round effects. We see rate cuts from Q3 2024 to a low of around 3% by early-mid 2026.
- The immediate risks around Bank Rate have become more balanced, due to the weakening UK economy and dampening effects on inflation. This shifts to the downside in the short term as the economy weakens.

- Long-term gilt yields are now substantially lower. Arlingclose expects yields to be flat from here over the short-term reflecting medium term Bank Rate forecasts. Periodic volatility is likely.

	Current	Dec-23	Mar-24	Jun-24	Sep-24	Dec-24	Mar-25	Jun-25	Sep-25	Dec-25	Mar-26	Jun-26	Sep-26
Official Bank Rate													
Upside risk	0.00	0.00	0.25	0.25	0.50	0.50	0.50	0.50	0.50	0.75	0.75	1.00	1.00
Central Case	5.25	5.25	5.25	5.25	5.00	4.75	4.25	4.00	3.75	3.50	3.25	3.00	3.00
Downside risk	0.00	0.00	-0.25	-0.50	-0.75	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
3-month money market rate													
Upside risk	0.00	0.00	0.25	0.25	0.50	0.50	0.50	0.50	0.50	0.75	0.75	1.00	1.00
Central Case	5.40	5.40	5.40	5.30	5.15	4.80	4.30	4.10	3.80	3.50	3.25	3.05	3.05
Downside risk	0.00	0.00	-0.25	-0.50	-0.75	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
5yr gilt yield													
Upside risk	0.00	0.25	0.75	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Central Case	3.77	3.75	3.75	3.75	3.70	3.60	3.50	3.50	3.40	3.30	3.30	3.30	3.35
Downside risk	0.00	-0.25	-0.75	-0.85	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
10yr gilt yield													
Upside risk	0.00	0.25	0.75	0.85	0.85	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Central Case	3.72	3.75	3.80	3.80	3.80	3.80	3.80	3.80	3.75	3.65	3.60	3.65	3.70
Downside risk	0.00	-0.25	-0.75	-0.85	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
20yr gilt yield													
Upside risk	0.00	0.25	0.75	0.85	0.85	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Central Case	4.16	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.25
Downside risk	0.00	-0.25	-0.75	-0.85	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
50yr gilt yield													
Upside risk	0.00	0.25	0.75	0.85	0.85	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Central Case	3.76	3.80	3.85	3.90	3.90	3.90	3.90	3.90	3.90	3.90	3.95	3.95	3.95
Downside risk	0.00	-0.25	-0.75	-0.85	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

PWLB Standard Rate = Gilt yield + 1.00%

PWLB Certainty Rate = Gilt yield + 0.80%

PWLB HRA Rate = Gilt yield + 0.40%

UK Infrastructure Bank Rate = Gilt yield + 0.40%