

Treasury Management Strategy

2022/23



Contents

Introduction	3
Economic Situation	3
Borrowing Strategy	6
Investment Strategy	7
Treasury Management Indicators	11
Related Matters	12
Financial Implications	12
Other Options Considered	13
Annex A – Arlingclose Economic & Interest Rate Forecast	14
Annex B – Existing Investment & Debt Portfolio Position	16
Annex C – Minimum Revenue Provision Policy	17
Annex D – Treasury Management Glossary of Terms	19

Introduction

Treasury management is the management of the Council's cash flows, borrowing and investments, and the associated risks. The Council may invest or borrow 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 Council's prudent financial management.

Treasury risk management at the Council is conducted within the framework of the Chartered Institute of Public Finance and Accountancy's *Treasury Management in the Public Services: Code of Practice 2017 Edition* (the CIPFA Code) which requires the Council to approve a treasury management strategy before the start of each financial year. This report fulfils the Council's legal obligation under the *Local Government Act 2003* to have regard to the CIPFA Code.

Investments held for service purposes or for commercial profit are considered in a different report, the Investment Strategy.

Economic Situation

Highlights of the report supplied by Arlingclose Ltd.

External Context

Economic background: The ongoing impact on the UK from coronavirus, together with higher inflation, the likelihood of higher interest rates, and the country's trade position post-Brexit, will be major influences on the Authority's treasury management strategy for 2022/23.

The Bank of England (BoE) held Bank Rate at 0.10% in November 2021 and maintained its Quantitative Easing programme at £895 billion. The Monetary Policy Committee (MPC) voted 7-2 to keep rates on hold and 6-3 to maintain the asset purchase programme. Within the announcement the MPC suggested interest rates would be increased soon, but not to the 1% level expected by financial markets. Within the November 2021 Monetary Policy Report, the Bank expected consumer price index (CPI) inflation to peak at around 5% in April 2022 before falling back as the impact from higher energy prices fade and demand slows.

UK CPI for September 2021 registered 3.1% year on year, slightly down from 3.2% in the previous month. Core inflation, which excludes the more volatile components, fell to 2.9% y/y from 3.1%. The most recent labour market data for the three months to August 2021 showed the unemployment rate fell to 4.5% while the employment rate rose to 75.3%. Both measures were helped by the extension of the government's furlough scheme, but this ended in September 2021 and while this may put some pressure on the jobs market, it is not expected to be material, with the BoE forecasting unemployment will only increase modestly in Q4 2021 according to its November 2021 Monetary Policy Report but remain low overall.

In August 2021, the headline 3-month average annual growth rate for wages were 7.2% for total pay and 6.0% for regular pay. In real terms, after adjusting for inflation, total pay growth was up 4.7% while regular pay was up 3.4%. These figures should be interpreted with caution, however, as pay growth is now being impacted by base effects compared to 12 months ago when earnings were first affected by the coronavirus pandemic. Moreover, there has also been a fall in the number and proportion of lower paid jobs, helping to push up the average earnings figure.

Gross domestic product (GDP) grew by 5.5% in the second calendar quarter of 2021, compared to a fall of -1.6% q/q in the previous three months, with the annual rate jumping to 23.6% from -6.1%. Here too, base effects from 2020 have resulted in the high Q2 2021 data. Monthly GDP estimates have shown the economy is recovering, with the economy now just 0.8% below its pre-pandemic level. Looking ahead, the BoE's November 2021 Monetary Policy Report forecasts economic growth will rise by 1.5% in Q3 2021, 1.0% in Q4 2021 with the economy expected to get back to its pre-pandemic

level in Q1 2022. GDP growth is now expected to be around 5% in 2022 (revised down from 6%), before slowing to 1.5% in 2023 and 1% in 2024.

Credit outlook: Since the start of 2021, relatively benign credit conditions have led to credit default swap (CDS) prices for the larger UK banks to remain low and have steadily edged down throughout the year to almost pre-pandemic levels. The improved economic outlook during 2021 helped bank profitability and reduced the level of impairments many had made as provisions for bad loans. However, the relatively recent removal of coronavirus-related business support measures by the government means the full impact on bank balance sheets may not be known for some time.

The improved economic picture during 2021 led the credit rating agencies to reflect this in their assessment of the outlook for the UK sovereign as well as several financial institutions, revising them from negative to stable.

Looking ahead, while there is still the chance of bank losses from bad loans as government and central bank support is removed, the institutions on the Authority's counterparty list are well-capitalised and general credit conditions across the sector are expected to remain benign. Duration limits for counterparties on the Authority's lending list are under regular review and will continue to reflect economic conditions and the credit outlook.

Interest rate forecast: The Authority's treasury management adviser Arlingclose is forecasting that Bank Rate will rise in calendar Q2 2022 to subdue inflationary pressures and the perceived desire by the BoE to move away from emergency levels of interest rates.

Investors continue to price in multiple rises in Bank Rate over the next forecast horizon, and Arlingclose believes that although interest rates will rise, the increases will not be to the extent predicted by financial markets. In the near-term, the risks around Arlingclose's central case are to the upside while over the medium-term the risks shift towards the downside.

Gilt yields had increased sharply on the back of higher inflation and anticipated central bank action, however in its November MPC meeting, the committee noted that market expectations for rates were excessive, and yields have since fallen back. Yields are expected to remain broadly at current levels over the medium-term, with the 5, 10 and 20 year gilt yields expected to average around 0.60%, 1.0%, and 1.35% respectively. The risks around the gilt yield forecast are judged to be broadly balanced in the near-term and to the downside over the remainder of the forecast horizon. As ever, there will almost certainly be short-term volatility due to economic and political uncertainty and events.

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

Local Context

On 30th November 2021, the Council held no borrowing and £16.8million of treasury investments, largely due to grant monies temporarily held. This is set out in further detail at Annex B. Forecast changes in these sums are shown in the balance sheet analysis in table below:

Balance Sheet Summary and Forecast	31/03/2021 Actual £m	31/03/2022 Forecast £m	31/03/2023 Forecast £m	31/03/2024 Forecast £m	31/03/2025 Forecast £m
General Fund CFR	5.4	10.3	17.3	27.7	24.2
Less: Existing external borrowing	0.0	0.0	(4.9)	(12.0)	(22.3)
Capital borrowing level	5.4	10.3	12.4	15.7	1.9
Less: Usable reserves	(13.4)	(7.4)	(5.0)	(3.9)	(4.0)
Less: Working capital	3.4	2.0	(0.3)	(1.5)	(1.4)
(New Investments or Cash)/ New external borrowing	(4.6)	4.9	7.1	10.3	(3.5)

The underlying need to borrow for capital purposes is measured by the Capital Financing Requirement (CFR), while usable reserves and working capital are the underlying resources available for investment. The Council's current strategy is to maintain borrowing and investments below their underlying levels, sometimes known as internal borrowing. Where borrowing is required this will be in line with Arlingclose's current advice of doing so from other local authorities on a short term basis. This will be undertaken until it becomes advantageous to switch to long term debt, with the lowest cost option being considered, include such options as municipal bonds

The Council has an increasing CFR due to the capital programme, but minimal investments and may therefore be required to borrow over the forecast period. More details in relation to the Council's CFR are included within the Capital Strategy.

CIPFA's Prudential Code for Capital Finance in Local Authorities recommends that the Council's total debt should be lower than its highest forecast CFR over the next three years. The table above shows that the Council expects to comply with this recommendation during 2022/23.

Liability benchmark: To compare the Council'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 above, but that cash and investment balances are kept to a minimum level of £1m at each year-end to maintain sufficient liquidity but minimise credit risk.

Liability Benchmark	31/03/2021 Actual £m	31/03/2022 Forecast £m	31/03/2023 Forecast £m	31/03/2024 Forecast £m	31/03/2025 Forecast £m
General Fund CFR	5.4	10.3	17.3	27.7	24.2
Less: Balance sheet resources	(10.0)	(5.4)	(10.2)	(17.4)	(27.7)
Net loans requirement	(4.6)	(4.9)	(7.1)	(10.3)	3.5
Plus: Liquidity Allowance	-	1.0	1.0	1.0	1.0
Liquidity benchmark	(4.6)	5.9	8.1	11.3	(4.5)

Borrowing Strategy

The Council does not currently hold any loans, as per the previous year, as part of its strategy for funding previous years' capital programmes.

The balance sheet forecast, in the table above, shows that the Authority expects to borrow by the end of 2021/22. The Authority may also borrow additional sums to pre-fund future years' requirements, providing this does not exceed the authorised limit for borrowing.

The Council's chief objective when borrowing money is 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 Council's long-term plans change is a secondary objective.

Given the significant cuts to public expenditure and in particular to local government funding, the Council's borrowing strategy continues to 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 instead. These short term loans will be via local to local borrowing where possible, until a time where it becomes advantageous to switch to longer term debt, including municipal bonds on either a project by project, or overall global basis.

By doing so, the Council is able to reduce net borrowing costs (despite foregone investment income) and reduce overall treasury risk. The benefits of internal or 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 Council with this 'cost of carry' and breakeven analysis. Its output may determine whether the Council borrows additional sums at long-term fixed rates in 2022/23 with a view to keeping future interest costs low, even if this causes additional cost in the short-term.

Although not utilised in recent years, the Council has previously considered the option of long-term borrowing from the Public Works Loans Board (PWLB). However consideration will now be given to long-term loans from other sources including banks, pensions and local authorities, and the Council 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 Council intends to avoid this activity in order to retain its access to PWLB loans.

Alternatively, the Authority may arrange forward starting loans, 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 Council may borrow short-term loans to cover unplanned cash flow shortages.

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);
- any institution approved for investments (see below);
- 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; and
- UK Municipal Bonds Agency plc and other special purpose companies created to enable local authority bond issues.

Other sources of debt finance: In addition, capital finance may be raised by the following methods that are not borrowing, but may be classed as other debt liabilities:

- leasing;
- hire purchase; and
- sale and leaseback.

Municipal Bonds Agency: UK Municipal Bonds Agency plc was established in 2014 by the Local Government Association as an alternative to the PWLB. It issues bonds on the capital markets and lends the proceeds to local authorities. This is a more complicated source of finance than the PWLB for two reasons: borrowing authorities will be required to provide bond investors with a guarantee to refund their investment in the event that the agency is unable to for any reason; and there will be a lead time of several months between committing to borrow and knowing the interest rate payable. Any decision to borrow from the Agency will therefore be the subject of a separate report to Council.

Short-term and variable rate loans: These loans leave the Council exposed to the risk of short-term interest rate rises.

Debt rescheduling: The PWLB allows authorities to repay loans before maturity and either pay a premium or receive a discount according to a set formula based on current interest rates. Other lenders may also be prepared to negotiate premature redemption terms. The Council may take advantage of this and replace some loans with new loans, or repay loans without replacement, where this is expected to lead to an overall cost saving or a reduction in risk.

Treasury Investment Strategy

The Council can hold significant invested funds, representing income received in advance of expenditure plus balances and reserves held. In the past 12 months, the Council's treasury investment balance has ranged between £2 million and £25 million. The highest figure of £25 million was invested at the beginning of the financial year, when the Council received monies in relation to grants that were to be distributed to local businesses in relation to Covid-19.

The CIPFA Code requires the Council to invest its treasury funds prudently, and to have regard to the security and liquidity of its investments before seeking the highest rate of return, or yield. The Council'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 Council 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 Covid-19 pandemic has increased the risk that the Bank of England will set its Bank Rate at or below zero, which is likely to feed through to negative interest rates on all low risk, short-term investment options. Since investments cannot pay negative income, negative rates will be applied by reducing the value of investments. In this event, security will be measured as receiving the contractually agreed amount at maturity, even though this may be less than the amount originally invested.

Given the increasing risk and very low returns from short-term unsecured bank investments, the Council aims to diversify into more secure and higher yielding asset classes during 2022/23.

Under the new IFRS 9 standard, the accounting for certain investments depends on the Council's "business model" for managing them. The Council aims to achieve value from its internally managed treasury investments by a business model of collecting the contractual cash flows and therefore, where other criteria are also met, these investments will continue to be accounted for at amortised cost.

The Council 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

Sector	Time limit	Counterparty limit	Sector limit
The UK Government	50 years	Unlimited	n/a
Local authorities & other government entities	25 years	£7m	unlimited
Secured investments*	25 years	£7m	unlimited
Banks (unsecured)*	13 months	£7m	unlimited
Building societies (unsecured)*	13 months	£7m	£7m
Registered providers (unsecured)*	10 years	£10m	£10m
Money market funds*	n/a	£7m	unlimited
Real estate investment trusts	n/a	£2m	£2m
Other investments	5 years	£7m	£7m

* Treasury investments in the sectors marked with an asterisk will only be made with entities whose lowest published long-term credit rating is no lower than A-. 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.

For entities without published credit ratings, investments may be made either where external advice indicates the entity to be of similar credit quality.

Government: Loans to, and 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 Government are deemed to be zero credit risk due to its ability to create additional currency and therefore may be made in unlimited amounts for up to 50 years.

Secured investments: Investments secured on the borrower's assets, which limits the potential losses in the event of insolvency. The amount and quality of the security will be a key factor in the investment decision. Covered bonds and reverse repurchase agreements with banks and building societies 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. The combined secured and unsecured investments with any one counterparty will not exceed the cash limit for secured investments.

Banks and building societies (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.

Registered providers (unsecured): Loans to, and bonds issued or guaranteed by, registered providers of social housing or registered social landlords, formerly known as housing associations. These bodies are 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.

Money market funds: Pooled funds that offer same-day or short notice liquidity and very low or no price volatility by investing in short-term money markets. They have the advantage over bank accounts of providing wide diversification of investment risks, coupled with the services of a professional fund manager in return for a small fee. Although no sector limit applies to money market funds, the Authority will take care to diversify its liquid investments over a variety of providers to ensure access to cash at all times.

Strategic pooled funds: Bond, equity and property funds that 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.

Other investments: This category covers treasury investments not listed above, for example unsecured corporate bonds and company loans. Non-bank companies cannot be bailed-in but can become insolvent placing the Authority's investment at risk.

Operational bank accounts: The Council 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 £7,000,000 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 Council maintaining operational continuity.

Risk assessment and credit ratings: Credit ratings are obtained and monitored by the Council'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 "negative watch") so that it may fall below the approved rating criteria, then only investments that can be withdrawn 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.

The Council 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 Council’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.

When deteriorating financial market conditions affect the creditworthiness of all organisations, as happened in 2008 and 2020, 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, or with other local authorities. This will cause investment returns to fall but will protect the principal sum invested.

Investment limits: In order that the Council will not be put at risk in the case of a single default, the maximum that will be lent to any one organisation (other than the UK Government and Registered Providers) will be £7 million. A group of entities under the same ownership will be treated as a single organisation for limit purposes.

Limits are 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.

Additional Investment limits

	Cash limit
Any group of pooled funds under the same management	£7m per manager
Negotiable instruments held in a broker’s nominee account	£7m per broker
Foreign countries	£7m per country

Liquidity management: The Council 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 Council being forced to borrow on unfavourable terms to meet its financial commitments. Limits on long-term investments are set by reference to the Council’s medium-term financial plan and cash flow forecast.

Non-treasury investments are covered by the Council’s Investment Strategy.

Treasury Management Indicators

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

Security

The Council has adopted a voluntary measure of its exposure to credit risk by monitoring the value-weighted average credit rating of its investment portfolio. This is calculated by applying a score to each investment (AAA=1, AA+=2, etc.) and taking the arithmetic average, weighted by the size of each investment. Unrated investments are assigned a score based on their perceived risk.

Credit risk indicator	Target
Portfolio average credit rating	A

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 additional 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. The upper limits on the one-year revenue impact of a 1% rise or fall in interest rates will be:

Interest rate indicator	Limit
Upper limit on one-year revenue impact of a 1% rise in interest rates	(£121,000)
Upper limit on one-year revenue impact of a 1% fall in interest rates	£121,000

The impact of a change in interest rates is calculated on the assumption that maturing loans and investments will be replaced at new market rates.

Maturity structure of borrowing

This indicator is set to control the Council'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%

Time periods start on the first day of each financial year. The maturity date of borrowing is the earliest date on which the lender can demand repayment.

Principal sums invested for periods longer than a year

The purpose of this indicator is to control the Council'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	2021/22	2022/23	2023/24
Limit on principal invested beyond year end	£25m	£25m	£25m

Related Matters

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

Financial Derivatives: Local 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. The general power of competence in Section 1 of the *Localism Act 2011* 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 Council 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 Council 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 Council 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 (MiFID II): The Council has retained retail client status with its providers of financial services, including advisers and banks, allowing it access to a smaller range of services but with the greater regulatory protections afforded to individuals and small companies. This is believed to be the most appropriate status given the size and range of the Council's treasury management activities. The Council may upgrade their client status to professional if the requirements to do so are met during the year. This will allow a greater range of services but without the same level of regulatory protections provided by retail client status.

Financial Implications

Due to the current rate of return on investments, the budget for investment income in 2022/23 is nil. If actual levels of investments and borrowing, or actual interest rates, differ from those forecast, performance against budget will be correspondingly different.

Other Options Considered

The CIPFA Code does not prescribe any particular treasury management strategy for local authorities to adopt. It is believed 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.

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

Annex A – Arlingclose Economic & Interest Rate Forecast November 2020

Underlying assumptions:

- The global economy continues to recover from the pandemic but has entered a more challenging phase. The resurgence of demand has led to the expected rise in inflationary pressure, but disrupted factors of supply are amplifying the effects, increasing the likelihood of lower growth rates ahead. This is particularly apparent in the UK due to the impact of Brexit.
- While Q2 UK GDP expanded more quickly than initially thought, the ‘pingdemic’ and more latterly supply disruption will leave Q3 GDP broadly stagnant. The outlook also appears weaker. Household spending, the driver of the recovery to date, is under pressure from a combination of retail energy price rises, the end of government support programmes and soon, tax rises. Government spending, the other driver of recovery, will slow considerably as the economy is taken off life support.
- Inflation rose to 3.2% in August. A combination of factors will drive this to over 4% in the near term. While the transitory factors affecting inflation, including the low base effect of 2020, are expected to unwind over time, the MPC has recently communicated fears that these transitory factors will feed longer-term inflation expectations that require tighter monetary policy to control. This has driven interest rate expectations substantially higher.
- The supply imbalances are apparent in the labour market. While wage growth is currently elevated due to compositional and base factors, stories abound of higher wages for certain sectors, driving inflation expectations. It is uncertain whether a broad-based increased in wages is possible given the pressures on businesses.
- Government bond yields increased sharply following the September FOMC and MPC minutes, in which both central banks communicated a lower tolerance for higher inflation than previously thought. The MPC in particular has doubled-down on these signals in spite of softer economic data. Bond investors expect higher near-term interest rates but are also clearly uncertain about central bank policy.
- The MPC appears to be playing both sides, but has made clear its intentions to tighten policy, possibly driven by a desire to move away from emergency levels. While the economic outlook will be challenging, the signals from policymakers suggest Bank Rate will rise unless data indicates a more severe slowdown.

Forecast:

- Arlingclose expects Bank Rate to rise in Q2 2022. We believe this is driven as much by the Bank’s desire to move from emergency levels as by fears of inflationary pressure.
- Investors have priced in multiple rises in Bank Rate to 1% by 2024. While we believe Bank Rate will rise, it is by a lesser extent than expected by markets.

- Gilt yields have risen sharply as investors factor in higher interest rate and inflation expectations. From here, we believe that gilt yields will be broadly steady, before falling as inflation decreases and market expectations fall into line with our forecast.
- The risk around our forecasts for Bank Rate is to the upside over the next few months, shifting to the downside in the medium term. The risks around the gilt yield forecasts are initially broadly balanced, shifting to the downside later.

	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
Official Bank Rate													
<i>Upside risk</i>	0.15	0.15	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Arlingclose Central Case	0.10	0.10	0.25	0.25	0.25	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
<i>Downside risk</i>	0.00	0.00	-0.15	-0.15	-0.15	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40
3-mth money market rate													
<i>Upside risk</i>	0.10	0.15	0.20	0.20	0.30	0.30	0.30	0.30	0.35	0.35	0.35	0.35	0.35
Arlingclose Central Case	0.10	0.15	0.35	0.40	0.45	0.60	0.65	0.65	0.60	0.60	0.60	0.60	0.60
<i>Downside risk</i>	0.00	-0.05	-0.25	-0.25	-0.30	-0.45	-0.50	-0.50	-0.45	-0.45	-0.45	-0.45	-0.45
5-yr gilt yield													
<i>Upside risk</i>	0.25	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Arlingclose Central Case	0.65	0.65	0.65	0.65	0.65	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
<i>Downside risk</i>	-0.25	-0.25	-0.35	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40
10-yr gilt yield													
<i>Upside risk</i>	0.30	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
Arlingclose Central Case	1.05	1.05	1.05	1.05	1.05	1.05	1.00	0.95	0.95	0.95	0.90	0.90	0.90
<i>Downside risk</i>	-0.25	-0.35	-0.40	-0.40	-0.40	-0.40	-0.45	-0.45	-0.50	-0.50	-0.50	-0.50	-0.50
20-yr gilt yield													
<i>Upside risk</i>	0.30	0.35	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
Arlingclose Central Case	1.40	1.40	1.40	1.40	1.35	1.35	1.30	1.30	1.30	1.30	1.30	1.30	1.30
<i>Downside risk</i>	-0.35	-0.40	-0.45	-0.45	-0.45	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50
50-yr gilt yield													
<i>Upside risk</i>	0.35	0.35	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
Arlingclose Central Case	1.30	1.30	1.30	1.30	1.25	1.25	1.20	1.20	1.20	1.20	1.20	1.20	1.20
<i>Downside risk</i>	-0.35	-0.35	-0.35	-0.40	-0.40	-0.45	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50

PWLB Certainty Rate (Maturity Loans) = Gilt yield + 0.80%

Annex B – Existing Investment & Debt Portfolio Position

	30/11/2021 Actual Portfolio £m	30/11/2021 Average Rate %
<i>Treasury investments:</i>		
Banks & building societies (unsecured)	3.8	0.00
Government (incl. local authorities)	11.0	0.00
Money Market Funds	2.0	0.05
Total treasury investments	16.8	
Total external borrowing	0.0	
Net investments	16.8	

Annex C – Minimum Revenue Provision Policy

Background

In instances whereby Local Authorities have a positive Capital Financing Requirement (CFR), Department of Levelling Up and Housing Communities (DLUHC) Guidance requires them to adopt a prudent approach in order to fund the repayment of debt. This may be achieved by setting aside a minimum amount from revenue, known as the Minimum Revenue Provision (MRP). This means that the Council would be required to pay off an element of the accumulated General Fund capital spend each year (the CFR) through a revenue charge (the MRP).

DLUHC Regulations and Guidance have been issued which require the Full Council to approve an **MRP Statement** in advance of each year. Four options for prudent provision of the MRP are provided to councils, these being:

Option 1 – Regulatory Method

For debt which is supported by the Government through the Revenue Support Grant system, authorities may continue to use the formulae in the current regulations, since the Revenue Support Grant is calculated on that basis. Although the existing regulation 28 is revoked by regulation 4(1) of the 2008 Regulations, authorities will be able to calculate MRP as if it were still in force. Solely as a transitional measure, this option will also be available for all capital expenditure incurred prior to 1 April 2008.

Option 2 – Capital Financing Requirement Method

This is a technically much simpler alternative to Option 1 which may be used in relation to supported debt. While still based on the concept of the CFR, which is easily derived from the balance sheet, it avoids the complexities of the formulae in the old regulation 28 (though for most authorities it will probably result in a higher level of provision than Option 1).

Option 3 – Asset Life Method

For new borrowing under the Prudential system for which no Government support is being given and is therefore self-financed, there are two options included in the guidance.

Option 3 is to make provision over the estimated life of the asset for which the borrowing is undertaken. This is a possibly simpler alternative to the use of depreciation accounting (Option 4), though it has some similarities to that approach.

Within option 3, two methods are identified. The first of these, the equal instalment method, will normally generate a series of equal annual amounts over the estimated life of the asset. The original amount of expenditure (“A” in the formula) remains constant.

The cumulative total of the MRP made to date (“B” in the formula) will increase each year. The outstanding period of the estimated life of the asset (“C” in the formula) reduces by 1 each year.

For example, if the life of the asset is originally estimated at 25 years, then in the initial year when MRP is made, C will be equal to 25. In the second year, C will be equal to 24, and so on. The original estimate of the life is determined at the outset and should not be varied thereafter, even if in reality the condition of the asset has changed significantly

The formula allows an authority to make voluntary extra provision in any year. This will be reflected by an increase in amount B and will automatically ensure that in future years the amount of provision determined by the formula is reduced.

The alternative is the annuity method, which has the advantage of linking MRP to the flow of benefits from an asset where the benefits are expected to increase in later years. It may be particularly attractive in connection with projects promoting regeneration or administrative efficiencies or schemes where revenues will increase over time.

Option 4 – Depreciation Method

Alternatively, for new borrowing under the Prudential system for which no Government support is being given, Option 4 may be used.

This means making the MRP in accordance with the standard rules for depreciation accounting. A step in this direction was made in the last set of amendments to the MRP rules [SI 2007/573]. However, the move to reliance on guidance rather than regulations will make this approach more viable in future.

Authorities will normally need to follow the standard procedures for calculating depreciation provision. But the guidance identifies some necessary exceptions:

The MRP continues until the total provision made is equal to the original amount of the debt and may then cease.

If only part of the expenditure on the asset was financed by debt, the depreciation provision is proportionately reduced.

MRP Policy in respect of Finance Leases

The introduction of International Financial Reporting Standards in 2011/12 resulted in some leases being reclassified as finance leases instead of operating leases. This resulted in a positive CFR and as such the need to set aside a MRP.

In accordance with the revised DLUHC Guidance this Council will set aside an annual MRP equal to the amount of the lease that has been taken to the Balance Sheet to reduce the finance lease liability i.e. the principal amount of the finance lease. This approach will produce an MRP charge which is the same as Option 3 in the guidance (Asset Life Method – annuity method). The revised guidance aims to ensure that authorities are in the same position as if the change in accounting standards had not occurred.

MRP Policy – Other Capital Expenditure

Capital Financing Requirement (CFR)

The Council's CFR is currently positive. This means that there is a requirement to set aside a MRP for the redemption of debt. The Prudential Indicator for the CFR, shown at Table 1 in the Treasury Management Strategy, indicates that the CFR will become positive within the period covered by the Strategy. This is based on the assumption that there will be a general overall increase in expected capital expenditure, which cannot be funded from revenue or capital resources. Accordingly, the Council needs to determine the option it will employ to make the necessary MRP in respect of the amount borrowed, when this occurs.

Option for making MRP

The most appropriate of the four options permitted by the Regulations is Option 3, the Asset Life Method, within which there are two further options, an equal instalment method and an annuity method (as detailed in 1.1 – option 3). The Council is permitted to apply either of these two further options to projects on a scheme by scheme basis. However preference will be the annuity method.

It should be noted that MRP does not commence until the year following that in which the asset concerned became operational; however, voluntary MRP can be made at any given time if considered prudent.

Annex D – Treasury Management Glossary of Terms

- *Basis Points* – there are 100 basis points to 1%.
- *Credit Default Swap* – an additional assessment of credit worthiness by providing a risk analysis of changes in credit quality as perceived by the market.
- *CFR* – the Capital Financing Requirement is the total historic outstanding capital expenditure which has not yet been paid for from either revenue or capital resources.
- *CIPFA* – the Chartered Institute of Public Finance and Accountancy, is the professional body for accountants working in Local Government and other public sector organisations.
- *Counterparty* – an institution with whom a borrowing or investment transaction is made.
- *CPI* – a measure that examines the weighted average of prices of a basket of consumer goods and services. The Consumer Price Index is calculated by taking price changes for each item in the predetermined basket of goods/services and averaging them; the goods are weighted according to their importance. Changes in CPI are used to assess price changes associated with the cost of living.
- *Credit Rating* – is an opinion on the credit-worthiness of an institution, based on judgements about the future status of that institution. The main rating agencies are Fitch, Standard and Poor's and Moody's.
- *Depreciation* – the measure of the cost or revalued amount of the benefits of the fixed asset that have been consumed during the period. Consumption includes wearing out, using up or other reduction in the useful life of a fixed asset whether arising from use, time or obsolescence through either changes in technology or demand for the goods and services produced by the asset.
- *DMADF and DMO* – the DMADF is the 'Debt Management Account Deposit Facility' which is a highly secure fixed term deposit account with the Debt Management Office, part of Her Majesty's Treasury.
- *Forward Commitments* - agreeing in advance to place an investment with a borrower at a future specified date at an agreed interest rate.
- *GDP* – Gross Domestic Product is the market value of all officially recognised final goods and services produced within a country in a given period of time.
- *GILTS* – the name given to bonds issued by the UK Government. Gilts are issued bearing interest at a specified rate, however, they are traded on the markets like shares and their value rises or falls accordingly. The 'yield' on a gilt is the interest paid divided by the market value of that gilt.
- *IFRS (International Financial Reporting Standards)* – International accounting standards that govern the treatment and reporting of income and expenditure in an organisation's accounts, which came fully into effect from 1 April 2010.
- *Leasing* - a lease is a contractual arrangement calling for the lessee (user) to pay the lessor (owner) for use of an asset.
- *Liquidity* – relates to the amount of readily available or short term investment money which can be used for either day to day or unforeseen expenses. For example Call Accounts allow instant daily access to invested funds.
- *DLUHC* – Department of Levelling Up and Housing Communities (formerly the Ministry of Housing, Communities, and Local Government).

- *Money Market Funds (MMF)* – Money Market Funds are investment funds that are invested by a Fund Manager in a wide range of money market instruments. MMF's are monitored by the official ratings agencies and due to many requirements that need to be fulfilled; the funds usually receive the highest quality rating (AAA) so provide minimal risk. They are very flexible and can be withdrawn in the same way as any other call deposit.
- *MPC* – interest rates are set by the Bank of England's Monetary Policy Committee. The MPC sets an interest rate it judges will enable the inflation target to be met
- *MRP* – the Minimum Revenue Provision represents the revenue charge for the repayment of debt.
- *PWLB* – the Public Works Loan Board is a statutory board that is run within the UK Debt Management Office (DMO), its function is to lend money to Local Authorities and other prescribed bodies.