

TREASURY MANAGEMENT STRATEGY STATEMENT 2020/21

1. Introduction

Treasury management is the management of the Authority's cash flows, borrowing and investments, and the associated risks. The Authority has borrowed and 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 2017 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.

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

2. Economic Background

The UK's progress negotiating its exit from the European Union, together with its future trading arrangements, will continue to be a major influence on the Authority's treasury management strategy for 2020/21.

UK Consumer Price Inflation (CPI) for November registered 1.5% year on year, unchanged from the previous month. Core inflation, which excludes the more volatile components, was also 1.5% in November. The most recent labour market data for the three months to October 2019 showed the unemployment rate remained at 3.8% while the employment rate was 76.2%, just above recent record-breaking highs. The headline 3-month average annual growth rate for pay was 3.2% in October as wages dipped steadily. In real terms, after adjusting for inflation, pay growth decreased to 3.5%.

GDP growth rose by 0.3% in the third quarter of 2019 from -0.2% in the previous three months with the annual rate falling further below its trend rate to 1.0% from 1.2%. Services and construction added positively to growth, by 0.6% and 0.4% respectively, while production was flat and agriculture recorded a fall of 0.2%. Looking ahead, the Bank of England's Monetary Policy Report (formerly the Quarterly Inflation Report) forecasts economic growth to pick up during 2020 as Brexit-related uncertainties dissipate and provide a boost to business investment helping GDP reach 1.6% in Q4 2020, 1.8% in Q4 2021 and 2.1% in Q4 2022.

The Bank of England maintained Bank Rate to 0.75% in December following a 7-2 vote by the Monetary Policy Committee. Despite keeping rates on hold, MPC members did confirm that if Brexit uncertainty drags on or global growth fails to recover, they are prepared to cut interest rates as required. Moreover, the downward revisions to some of the growth projections in the Monetary Policy Report suggest the Committee may now be less convinced of the need to increase rates even with the Brexit deal.

Growth in Europe remains soft, driven by a weakening German economy which saw GDP fall -0.1% in Q2 and is expected to slip into a technical recession in Q3. Euro zone inflation was 0.8% year on year in September, well below the European Central Bank's target of 'below, but close to 2%' and leading to the central bank holding its main interest rate at 0% while cutting the deposit facility rate to -0.5%. In addition to maintaining interest rates at ultra-low levels, the ECB announced it would recommence its quantitative easing programme from November.

In the US, the Federal Reserve began easing monetary policy again in 2019 as a pre-emptive strike against slowing global and US economic growth on the back on of the ongoing trade war with China. At its last meeting the Fed cut rates to the range of 1.50-1.75% and financial markets expect further loosening of monetary policy in 2020. US GDP growth slowed to 1.9% annualised in Q3 from 2.0% in Q2.

3. Credit outlook

Credit conditions for larger UK banks have remained relatively benign over the past year. The UK's departure from the European Union was delayed three times in 2019 and while there remains some concern over a global economic slowdown, this has yet to manifest in any credit issues for banks. Meanwhile, the post financial crisis banking reform is now largely complete, with the new ringfenced banks embedded in the market.

Challenger banks hit the news headlines in 2019 with Metro Bank and TSB Bank both suffering adverse publicity and falling customer numbers.

Looking forward, the potential for a "no-deal" Brexit and/or a global recession remain the major risks facing banks and building societies in 2020/21 and a cautious approach to bank deposits remains advisable.

4. Interest rate forecast

The Authority's treasury management adviser Arlingclose is forecasting that Bank Rate will remain at 0.75% until the end of 2022. The risks to this forecast are deemed to be significantly weighted to the downside, particularly given the recent general election, the need for greater clarity on Brexit and the continuing global economic slowdown. The Bank of England, having previously indicated interest rates may need to rise if a Brexit agreement was reached, stated in its December Monetary Policy Report and its Bank Rate decision (7-2 vote to hold rates) that the MPC now believe this is less likely even in the event of a deal.

Gilt yields have risen but remain at low levels and only some very modest upward movement from current levels are expected based on Arlingclose's interest rate projections. The central case is for 10-year and 20-year gilt yields to rise to around 1.00% and 1.40% respectively over the time horizon, with broadly balanced risks to both the upside and downside. However, short-term volatility arising from both economic and political events over the period is a near certainty.

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

For the purpose of setting the budget, it has been assumed that new treasury management investments will be made at an average rate of 0.70% to 0.80%.

5. Balances

On 31st December 2019, the council held £160.239m of borrowing and £17.738m of investments. This is set out in further detail at Appendix 2. Forecast changes in these sums are shown in the balance sheet analysis in the table below.

Table 1: Balance sheet summary and forecast

	31.3.19 Actual £m	31.3.20 Estimate £m	31.3.21 Forecast £m	31.3.22 Forecast £m	31.3.23 Forecast £m
General Fund CFR	78,317	105,580	114,997	112,564	110,095
Housing (HRA) CFR	56,908	71,118	89,517	114,118	128,801
Total CFR	135,225	176,698	204,514	226,682	238,896
Less: Usable reserves	(28,712)	(20,816)	(13,254)	(13,254)	(13,254)
Less: Working capital	(5,454)	(1,500)	(1,500)	(1,500)	(1,500)
Net borrowing	101,059	154,382	189,760	211,928	224,142

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 Authority's current strategy is to maintain borrowing and investments below their underlying levels, sometimes known as internal borrowing. The Authority has an increasing CFR due to the HRA capital programme, but minimal investments and will therefore be required to borrow up to £71m over the forecast period.

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 2020/21.

6. Borrowing Strategy

6.1 The Authority currently holds £160.239m of loans, an increase on the previous year, as part of its strategy for funding previous year's capital programmes by temporary loans. The balance sheet forecast in table 1 shows that the Authority expects to borrow up to £23m in 2020/21 in respect of asset purchases for the HRA. The Authority may also borrow additional sums to pre-fund future years' requirements, providing this does not exceed the authorised limit for borrowing of £233m for 2020/21.

The Authority'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 Authority's long-term plans change is a secondary objective.

Given the significant cuts to public expenditure and in particular to local government funding, the Authority'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.

By doing so, the Authority 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 Authority with this 'cost of carry' and breakeven analysis. Its output may determine whether the Authority borrows additional sums at long-term fixed rates in 2020/21 with a view to keeping future interest costs low, even if this causes additional cost in the short-term.

Alternatively, the Authority may arrange forward starting loans during 2020/21, 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 shortages.

6.2 Sources of borrowing:

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

- Public Works Loan Board (PWLB) and any successor body
- any institution approved for investments (see below)
- any other bank or building society authorised to operate in the UK
- UK public and private sector pension funds (except our local) Pension Fund
- capital market bond investors
- UK Municipal Bonds Agency plc and other special purpose companies created to enable local authority bond issues

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
- Private Finance Initiative
- sale and leaseback

Public Works Loan Board: The Authority has previously raised the majority of its long-term borrowing from the PWLB but the government increased PWLB rates by 1% in October 2019 making it now a relatively expensive option. The Authority will now look to borrow any long-term loans from other sources including banks, pension funds 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.

Municipal Bonds Agency: UK Municipal Bonds Agency plc was established in 2014 by the Local Government Association as an alternative to the PWLB. It plans to issue bonds on the capital markets and lend the proceeds to local authorities. This will be 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 Cabinet and full Council.

LOBOs: The Authority holds £7m of LOBO (Lender's Option Borrower's Option) loans where the lender has the option to propose an increase in the interest rate at set dates, following which the Authority has the option to either accept the new rate or to repay the loan at no additional cost. £2m of these LOBOS have options during 2020/21, and although the Authority understands that lenders are unlikely to exercise their options in the current low interest rate environment, there remains an element of refinancing risk. The Authority will take the option to repay LOBO loans at no cost if it has the opportunity to do so.

Short-term and variable rate loans: These loans leave the Authority exposed to the risk of short-term interest rate rises and are therefore subject to the limit on the net exposure to variable interest rates in the treasury management indicators.

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 Authority 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.

7. Investment Strategy

7.1 Introduction

The Authority holds significant invested funds, representing income received in advance of expenditure plus balances and reserves held. In the past 12 months, the Authority's investment balance has averaged from as high as £30m and as low as £14m over the last twelve months.

7.2 Objectives

Both 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.

7.3 Negative interest rates

If the UK enters into a recession in 2020/21, there is a small chance that the Bank of England could 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. This situation already exists in many other European countries. 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 low returns from short-term unsecured bank investments, the Authority aims to remain with a diversified investment portfolio. This is especially the case for the estimated £8m that is available for longer-term investment. The majority of the Authority's surplus cash is currently invested in short-term unsecured bank deposits, certificates of deposit, money market funds and Pooled Funds. This diversification will represent a continuation of the strategy over the coming year.

Approved counterparties: The Authority may invest its surplus funds with any of the counterparty types in table 2 below, subject to the cash limits (per counterparty) and the time limits shown.

Table 2: Approved investment counterparties and limits

Credit rating	Banks unsecured	Banks secured	Government	Corporates	Registered Providers
UK Govt	n/a	n/a	£ Unlimited 50 years	n/a	n/a
AAA	£6m 5 years	£6m 20 years	£7m 50 years	£5m 20 years	£5m 20 years
AA+	£6m 5 years	£6m 10 years	£7m 25 years	£4m 10 years	£5m 10 years
AA	£6m 4 years	£6m 5 years	£7m 15 years	£4m 5 years	£5m 10 years
AA-	£6m 3 years	£6m 4 years	£7m 10 years	£3m 4 years	£5m 10 years
A+	£6m 2 years	£6m 3 years	£7m 5 years	£3m 3 years	£5m 5 years
A	£6m 13 months	£6m 2 years	£6m 5 years	£3m 2 years	£3m 5 years
A-	£6m 6 months	£6m 13 months	£5m 5 years	£2m 13 months	£3m 3 years
None	£2m 6 months	£2m 6 months	n/a	n/a	n/a
MMF Pooled funds	£3m per fund £5m per fund manager				

7.4 Credit rating

Investment limits are set by reference to the lowest published long-term credit rating from Fitch, Moody's or Standard & Poor's. 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.

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 an insignificant risk of insolvency. 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. Loans to unrated companies will only be made either following an external credit assessment as part of a diversified pool in order to spread the risk widely.

Registered providers: Loans and bonds issued by, guaranteed by or secured on the assets of registered providers of social housing, formerly known as housing associations. These bodies are tightly regulated by the Homes and Communities Agency and, as providers of public services; they retain the likelihood of receiving government support if needed.

Pooled funds: Shares 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.

Operational bank accounts

The Council banks with Lloyds (Lloyds Banking Group). On adoption of this Strategy, it will meet the minimum credit criteria of A- (or equivalent) long term. It is the Council's intention that even if the credit rating of Lloyds Bank falls below the minimum criteria A- the bank will continue to be used for short term liquidity requirements (overnight and weekend investments) and business continuity arrangements.

Policy investments

Over the years the Authority has provided cash-flow cover for a number of third-party organisations linked to the Authority. The following limits are set for 2018/19:

• Cheltenham Festivals	£100k up to one year duration
• Gloucestershire Everyman Theatre	£100k up to one year duration
• Ubico Limited	£500k up to one year duration
• Cheltenham BID	£100k up to one year duration
• The Cheltenham Trust	£100k up to one year duration
• Publica Group	£100k up to one year duration
• Cheltenham Borough Homes	£97m Non-specified duration*
• Cheltenham Borough Homes	£10m Equity Non- Specified duration**
• Cheltenham Borough Homes	£500k up to one year
• Gloucestershire Airport Limited	£1.75m Non-specified duration
• Folk2Folk (Peer to Peer lending)	£75k Non-specified duration***

*Cheltenham Borough Homes is looking to borrow £90m and a further **£10m Equity Investment from the council to assist in three areas over the coming years to provide substantial new housing in the town by providing Private Rented Sector (PRS) housing, purchasing 106 sites and building new homes. The drawdown of the loans will be over a period of 40 years.

***Folk2Folk is a peer to peer lending platform in which the council can lend to support local, rural and entrepreneurial businesses. The investment limit will be £75,000 (in total) up to a maximum of 5 years. Interest rates earned can be between 4.5% and up to 9% per annum.

Renewable Energy investments

Over recent years significant investments from Local Authorities in the Renewable Energy markets has occurred by way of investing in an energy bond. Currently the council has approved the use of Corporate Bonds and has used them on a regular basis but only for a maximum of two years previously. To be able to potentially invest in Green Renewable energy recommendation was made following consultation with members of the Treasury Management Panel on the 5th June 2017 and approved by Council on 24th July 2017 that up to £2m in relation to Green Investment bonds can be invested up to 5 years.

7.5 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 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.

7.6 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 and reports in the quality financial press. No investments will be made with an organisation if there are substantive doubts about its credit quality, even though it may meet the credit rating criteria.

When deteriorating financial market conditions affect the creditworthiness of all organisations, as happened in 2008 and 2011, 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.

7.7 Specified investments

The CLG Guidance defines specified investments as those:

- denominated in pound sterling,
- due to be repaid within 12 months of arrangement,

- not defined as capital expenditure by legislation, and
- invested with one of:
 - the UK Government,
 - a UK local authority, parish council or community council, or
 - a body or investment scheme of “high credit quality”.

The Authority defines “high credit quality” organisations and securities as those having a credit rating of A- or higher that are domiciled in the UK or a foreign country with a sovereign rating of AA+ or higher. For money market funds and other pooled funds “high credit quality” is defined as those having a credit rating of A- or higher.

7.8 Non-specified investments

Any investment not meeting the definition of a specified investment is classed as non-specified. The Authority does not intend to make any investments denominated in foreign currencies, nor any that are defined as capital expenditure by legislation, such as company shares. Non-specified investments will therefore be limited to long-term investments, i.e. those that are due to mature 12 months or longer from the date of arrangement, and investments with bodies and schemes not meeting the definition on high credit quality. Limits on non-specified investments are shown in table 3 below.

Table 3: Non-specified investment limits

	Cash limit
Total long-term investments	£15m
Total investments without credit ratings or rated below A- (except UK Government and local authorities)	£10m
Total investments (except pooled funds) with institutions domiciled in foreign countries rated below AA+	£10m

7.9 Investment limits

The Authority’s revenue reserves available to cover investment losses are forecast to be £22.3 million on 31st March 2020. In order that no more than 25% of available reserves will 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) will be £6 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.

Table 4: Investment limits

	Cash limit
Any single organisation, except the UK Central Government	£6m each
UK Central Government	unlimited
Any group of organisations under the same ownership	£6m per group
Any group of pooled funds under the same management	£5m per manager
Foreign countries	£4m per country
Registered providers	£5m in total
Unsecured investments with building societies	£5m in total
Loans to unrated corporates – Renewable Energy	£4m in total-£2m max in each
Money Market Funds	£10m in total

7.10 Liquidity management

The Authority uses purpose-built 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 medium term financial plan and cash flow forecast.

8. Non-Treasury Investments

Although not classed as treasury management activities and therefore not covered by the CIPFA Code or the CLG Guidance, the Authority may also purchase property for investment purposes and may also make loans and investments for service purposes. Such loans and investments will be subject to the Authority's normal approval processes for revenue and capital expenditure and need not comply with this treasury management strategy.

9. Treasury Management Indicators

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

9.1 Security

The Authority 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.

	Target
Portfolio average credit rating	A

Interest rate exposures: This indicator is set to control the Authority's exposure to interest rate risk. The upper limits on fixed and variable rate interest rate exposures, expressed as the proportion of net principal borrowed will be:

	2019/20	2020/21	2021/22
Upper limit on fixed interest rate exposure	100%	100%	100%
Upper limit on variable interest rate exposure	50%	50%	50%

Fixed rate investments and borrowings are those where the rate of interest is fixed for at least 12 months, measured from the start of the financial year or the transaction date if later. All other instruments are classed as variable rate.

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 fixed rate borrowing will be:

	Upper	Lower
Under 12 months	50%	0%
12 months and within 24 months	50%	0%
24 months and within 5 years	100%	0%
5 years and within 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 above	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 364 days: 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:

	2019/20	2020/21	2021/22
Limit on principal invested beyond year end	£10m	£10m	£10m

10. Other Items

There are a number of additional items that the Authority is obliged by CIPFA or MHCLG to include in its Treasury Management Strategy.

10.1 Policy on the use of 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 (e.g. LOBO loans and callable deposits). 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 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. The current value of any amount due from a derivative counterparty will count against the counterparty credit limit and the relevant foreign country limit.

10.2 Policy on apportioning interest to the HRA

On 1st April 2012, the Authority notionally split each of its existing long-term loans into General Fund and HRA pools. In the future, new long-term loans borrowed will be assigned in their entirety to one pool or the other. Interest payable and other costs/income arising from long-term loans (e.g. premiums and discounts on early redemption) will be charged/ credited to the respective revenue account. Differences between the value of the HRA loans pool and the HRA's underlying need to borrow

(adjusted for HRA balance sheet resources available for investment) will result in a notional cash balance which may be positive or negative. This balance will be measured each year and interest transferred between the General Fund and HRA at the Authority's average interest rate on investments, adjusted for credit risk.

10.3 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 Chief Financial Officer believes this to be the most appropriate status.

10.4 Investment training

The needs of the Authority's treasury management staff for training in investment management are assessed as part of the staff appraisal process, and additionally when the responsibilities of individual members of staff change.

Officers regularly attend training courses, seminars and conferences provided by Arlingclose and CIPFA.

10.5 Investment advisers

The Authority appointed Arlingclose Limited as treasury management advisers for three years plus the option for a further two years after a joint tender with Gloucestershire County Council, South Gloucestershire Council and the Forest of Dean District Council back in December 2017. The Authority receives specific advice on investment, debt and capital finance issues.

10.6 Investment of money borrowed in advance of need

The Authority may, from time to time, borrow in advance of need, where this is expected to provide the best long-term value for money. Since amounts borrowed will be invested until spent, the Authority is aware that it will be exposed to the risk of loss of the borrowed sums, and the risk that investment and borrowing interest rates may change in the intervening period. These risks will be managed as part of the Authority's overall management of its treasury risks.

The total amount borrowed will not exceed the authorised borrowing limit of £320m. The maximum period between borrowing and expenditure is expected to be two years, although the Authority is not required to link particular loans with particular items of expenditure.

10.7 Financial Implications

The budget for investment income in 2020/21 is £437k, based on an average investment portfolio of £22 million at an interest rate of 2.00%. On top of this interest received on third parties loans amounts to £266k. The budget for debt interest to be paid in 2020/21 is forecast to be £4.002 million, based on an average debt portfolio of £160m at an average interest rate of 2.5%. The HRA will reimburse the General Fund £1.784m for its share of the debt it holds as at 1st April 2020. If actual levels of investments and borrowing, and actual interest rates differ from those forecast, performance against budget will be correspondingly different.

10.8 Alternative options

The CIPFA Code does not prescribe any particular treasury management strategy for local authorities to adopt. The Chief Financial Officer, having consulted the Cabinet Member for Finance, 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.

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 Limited Economic & Interest Rate Forecast December 2019

Underlying assumptions:

- The global economy is entering a period of slower growth in response to political issues, primarily the trade policy stance of the US. The UK economy has displayed a marked slowdown in growth due to both Brexit uncertainty and the downturn in global activity. In response, global and UK interest rate expectations have eased.
- Some positivity on the trade negotiations between China and the US has prompted worst case economic scenarios to be pared back. However, information is limited, and upbeat expectations have been wrong before.
- The new conservative UK government will progress with achieving Brexit on 31st January 2020. The more stable political environment will prompt a partial return in business and household confidence in the short term, but the subsequent limited Brexit transitional period, which the government is seeking to enforce, will create additional economic uncertainty.
- UK economic growth has stalled in Q4 2019. Inflation is running below target at 1.5%. The inflationary consequences of the relatively tight labour market have yet to manifest, while slower global growth should reduce the prospect of externally driven pressure, although escalating geopolitical turmoil could continue to push up oil prices.
- The first few months of 2020 will indicate whether the economy benefits from restored confidence. The government will undertake substantial fiscal easing in 2020/21, which should help support growth in the event of a downturn in private sector activity.
- The weak outlook for the UK economy and low inflation has placed pressure on the MPC to loosen monetary policy. Two MPC members voted for an immediate cut in the last two MPC meetings of 2019. The evolution of economic data and political moves over the next few months will inform policy, but upside risks to Bank Rate are very limited.
- Central bank actions and escalating geopolitical risks will continue to produce significant volatility in financial markets, including bond markets.

Forecast:

- Although Arlingclose have maintained the Bank Rate forecast at 0.75% for the foreseeable future, there are substantial risks to this forecast, dependant from the government's policy around Brexit and the transitionary period.
- Arlingclose judges that the risks are weighted to the downside.
- Gilt yields remain low due to the soft UK and global economic outlooks. US monetary policy and UK government spending will be key influences alongside UK monetary policy.
- We expect gilt yields to remain at relatively low levels for the foreseeable future and judge the risks to be broadly balanced.

	Dec-19	Mar-20	Jun-20	Sep-20	Dec-20	Mar-21	Jun-21	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Average
Official Bank Rate														
Upside risk	0.00	0.00	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.21
Arlingclose Central Case	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Downside risk	-0.50	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.73
3-month money market rate														
Upside risk	0.10	0.10	0.25	0.25	0.25	0.25	0.25	0.25	0.30	0.30	0.30	0.30	0.30	0.25
Arlingclose Central Case	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Downside risk	-0.50	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.73
1yr money market rate														
Upside risk	0.10	0.20	0.20	0.20	0.20	0.20	0.20	0.25	0.30	0.30	0.30	0.30	0.30	0.23
Arlingclose Central Case	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
Downside risk	-0.30	-0.50	-0.55	-0.65	-0.65	-0.65	-0.65	-0.65	-0.65	-0.65	-0.65	-0.65	-0.65	-0.60
5yr gilt yield														
Upside risk	0.30	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.40	0.45	0.45	0.45	0.37
Arlingclose Central Case	0.50	0.50	0.50	0.55	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.57
Downside risk	-0.35	-0.50	-0.50	-0.55	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.56
10yr gilt yield														
Upside risk	0.30	0.30	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.40	0.40	0.45	0.45	0.37
Arlingclose Central Case	0.75	0.75	0.80	0.80	0.85	0.85	0.90	0.90	0.95	0.95	1.00	1.00	1.00	0.88
Downside risk	-0.40	-0.40	-0.40	-0.40	-0.45	-0.45	-0.45	-0.45	-0.50	-0.50	-0.50	-0.50	-0.50	-0.45
20yr gilt yield														
Upside risk	0.30	0.30	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.40	0.40	0.45	0.45	0.37
Arlingclose Central Case	1.20	1.20	1.25	1.25	1.25	1.30	1.30	1.30	1.35	1.35	1.35	1.40	1.40	1.30
Downside risk	-0.40	-0.40	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45	-0.50	-0.50	-0.45
50yr gilt yield														
Upside risk	0.30	0.30	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.40	0.40	0.45	0.45	0.37
Arlingclose Central Case	1.20	1.20	1.25	1.25	1.25	1.30	1.30	1.30	1.35	1.35	1.35	1.40	1.40	1.30
Downside risk	-0.40	-0.40	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45	-0.50	-0.50	-0.45

Appendix B – Existing Investment Position

	31 st December 2019 Actual Portfolio £m	31 st December 2019 Average Rate %
Treasury investments:		
Banks & building societies (unsecured)	8.258	0.86
Government (incl. local authorities)	2.000	1.00
Glos Airport	0.450	3.75
Money Market Funds	0.030	0.70
Other pooled funds		
CCLA Property Investment Management	3.000	4.34
CCLA Diversified Income	2.000	3.20
Schroders Unit Trusts Ltd	2.000	7.45
Total treasury investments	17.738	1.91%