

## Appendix 1

### Treasury Management Strategy Statement 2022/23

#### 1. Introduction

##### 1.1 Treasury management overview

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 or commercial purposes are considered in the Capital & Investment Strategy document which is included as an appendix to the Council's 2022/23 Budget Report.

##### 1.2 External Context

**1.2.1 Economic background:** The ongoing impact on the UK from coronavirus, together with higher inflation, 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) increased Bank Rate to 0.25% in December 2021 while maintaining its Quantitative Easing programme at £895 billion. The Monetary Policy Committee (MPC) voted 8-1 in favour of raising rates, and unanimously to maintain the asset purchase programme.

Within the announcement the MPC noted that the pace of the global recovery was broadly in line with its November Monetary Policy Report. Prior to the emergence of the Omicron coronavirus variant, the Bank also considered the UK economy to be evolving in line with expectations, however the increased uncertainty and risk to activity the new variant presents, the Bank revised down its estimates for Q4 GDP growth to 0.6% from 1.0%. Inflation was projected to be higher than previously forecast, with CPI likely to remain above 5% throughout the winter and peak at 6% in April 2022. The labour market was generally performing better than previously forecast and the BoE now expects the

unemployment rate to fall to 4% compared to 4.5% forecast previously, but notes that Omicron could weaken the demand for labour.

UK CPI for November 2021 registered 5.1% year on year, up from 4.2% in the previous month. Core inflation, which excludes the more volatile components, rose to 4.0% y/y from 3.4%. The most recent labour market data for the three months to October 2021 showed the unemployment rate fell to 4.2% while the employment rate rose to 75.5%.

In October 2021, the headline 3-month average annual growth rate for wages were 4.9% for total pay and 4.3% for regular pay. In real terms, after adjusting for inflation, total pay growth was up 1.7% while regular pay was up 1.0%. The change in pay growth has been affected by a change in composition of employee jobs, where there has been a fall in the number and proportion of lower paid jobs.

Gross domestic product (GDP) grew by 1.3% in the third calendar quarter of 2021 according to the initial estimate, compared to a gain of 5.5% q/q in the previous quarter, with the annual rate slowing to 6.6% from 23.6%. The Q3 gain was modestly below the consensus forecast of a 1.5% q/q rise. During the quarter activity measures were boosted by sectors that reopened following pandemic restrictions, suggesting that wider spending was flat. Looking ahead, while monthly GDP readings suggest there had been some increase in momentum in the latter part of Q3, Q4 growth is expected to be soft.

GDP growth in the euro zone increased by 2.2% in calendar Q3 2021 following a gain of 2.1% in the second quarter and a decline of -0.3% in the first. Headline inflation has been strong, with CPI registering 4.9% year-on-year in November, the fifth successive month of inflation. Core CPI inflation was 2.6% y/y in November, the fourth month of successive increases from July's 0.7% y/y. At these levels, inflation is above the European Central Bank's target of 'below, but close to 2%', putting some pressure on its long-term stance of holding its main interest rate of 0%.

The US economy expanded at an annualised rate of 2.1% in Q3 2021, slowing sharply from gains of 6.7% and 6.3% in the previous two quarters. In its December 2021 interest rate announcement, the Federal Reserve continue to maintain the Fed Funds rate at between 0% and 0.25% but outlined its plan to reduce its asset purchase programme earlier than previously stated and signalled they are in favour of tightening interest rates at a faster pace in 2022, with three 0.25% movements now expected.

**1.22 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 had steadily edged down throughout the year up until mid-November when the emergence of Omicron has caused them to rise modestly. However, the generally 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 and even making a handful of rating upgrades.

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.

**1.23** Interest rate forecast: The Authority's treasury management adviser Arlingclose is forecasting that Bank Rate will continue to rise in calendar Q1 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 again, 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 become more balanced.

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 0.65%, 0.90%, and 1.15% respectively. The risks around for short and medium-term yields are initially to the upside but shifts lower later, while for long-term yields the risk is to the upside. However, 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.

For the purpose of setting the budget, it has been assumed that short term treasury investments will be made at an average rate of 0.25% and long term strategic investments will yield an average rate of 3.5%. It is forecast that new long-term loans will be borrowed at an average rate of 2.5% during 2022/23.

### 1.3 Local Context

**1.31 Council position as at 31<sup>st</sup> December 2021:** The Authority held £220.8m of borrowing and £82.9m of treasury investments. This is set out in further detail in Table 1 below.

*Table 1: Balance sheet summary*

	31/12/2022 <b>Actual portfolio</b> £m	31/12/2022 <b>Average rate</b> %
<b>External borrowing:</b>		
Public Works Loan Board	196	3.00%
Local authorities	5	1.65%
LOBO loans from banks	20	4.50%
Other loans		
<b>Total external borrowing</b>	<b>220.8</b>	<b>3.11%</b>
<b>Treasury investments:</b>		
The UK Government	10	0.07%
Local authorities	5	0.30%
Banks (unsecured)	23.5	0.03%
Building societies (unsecured)		
Money market funds	36.9	0.04%
Strategic pooled funds	7.5	3.50%
Other investments		
<b>Total treasury investments</b>	<b>82.9</b>	<b>0.36%</b>
<b>Net debt</b>	<b>137.9</b>	

### 1.32 Capital Financing Requirement:

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 Council's Capital Financing Requirement (CFR, or underlying need to borrow) as at 31st March 2022 is expected to be £348.8m, and is forecast to rise to £464.2m by March 2023 as capital expenditure is incurred.

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.

## **2. Borrowing Strategy**

### **2.1 Current borrowing**

The Authority currently holds £220.8 million of loans, a decrease of £23.6 million on the previous year due to maturing of short term loans which did not need refinancing due to high cash balances.

### **2.2 Objectives**

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.

### **2.3 Strategy**

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 / 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 may 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 2022/23 with a view to keeping future interest costs low, even if this causes additional cost in the short-term.

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

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

## **2.4 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 (except the Avon Pension Fund)
- capital market bond investors
- UK Municipal Bonds Agency plc and other special purpose companies created to enable local authority bond issues

**Other sources of debt finance:** 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

**2.41 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 to specific approval in accordance with the Council's appropriate delegation.

**2.42 LOBOs:** The Authority holds £20m 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. £20m of these LOBOs have options during 2022/23, 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.

**2.43 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 interest rate

exposure limits in the treasury management indicators below. Financial derivatives may be used to manage this interest rate risk (see section below).

**2.44 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.

### **3. Treasury Investment Strategy**

#### **3.1 Current investments**

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 treasury investment balance has ranged between £61.6m and £106.2m, however it is expected that levels will be lower in 2022/23. Invested funds held have been particularly high during 2021/22 due to holding some of the residual Covid Business Support government grants as well as some slippage in the capital programme.

#### **3.2 Objectives**

The CIPFA Code requires the Authority 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 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.

**3.3 Negative interest rates:** 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.

#### **3.4 Strategy**

Given the current risks in the financial system the Council will continue to invest the majority of any surplus funds into highly rated money market funds, other Local Authorities or banks on short notice periods in line with advice from Arlingclose. The Council will continue to hold the £5m long term strategic investment balance in the CCLA

LA Property fund as well as the £5m invested into 2 ESG funds as planned for 2021/22; FP Foresight UK Infrastructure Income fund (£3m) & VT Gravis Clean Energy Income Fund (£2m), further details of this are provided in section 3.9.

The Council has opted up to Professional status for MiFID II purposes which allows it to place its treasury assets in a greater range of financial products which has been of significant importance over the last few years. To be categorised as Professional the Council must hold at least a £10m investment balance, the council's two pooled investments mentioned above which are medium – long term investments guarantee that this balance will always be held. By placing this required £10m balance in these two pooled funds the Council aims to achieve a total return that is equal or higher than the prevailing rate of inflation thus preserving the spending power of this £10m balance.

The Council may, from time to time, borrow in advance of spending need, where this is expected to provide the best long term value for money. Since amounts borrowed will be invested until spent, the Council 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 Council's overall management of its treasury risks.

The total amount borrowed will not exceed the 2022/23 authorised borrowing limit of £464m. The maximum period between borrowing and expenditure is expected to be two years, although the Council links loans with its budgeted programme, individual items within that programme are not linked to the loans at a granular level.

Under the new IFRS 9 standard, the accounting for certain investments depends on the Authority's "business model" for managing them. The Authority aims to achieve value from its 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.

As noted under section 3.9 below the Council has also now developed an initial approach to Environment, Social and Governance (ESG) investment to align with the Council's wider strategy related to the climate emergency which has been declared.

### **3.5 Approved counterparties**

The Authority may invest its surplus funds with any of the counterparty types in Table 3 below, subject to the limits shown.

*Table 3: Treasury investment counterparties and limits*



Sector	Minimum credit rating*	Time limit	Counterparty limit	Sector limit
The UK Government	NA	50 years	Unlimited	Unlimited
Local authorities & other government entities	NA	25 years	£10m	Unlimited
Secured investments	A-	25 years	£10m	Unlimited
Banks (unsecured)	A-	13 months	£10m	Unlimited
Building societies (unsecured)	A-	13 months	£10m	£15m
Registered providers (unsecured)	A-	5 years	£5m	£5m
Money market funds	A-	n/a	£10m	£60m
Strategic pooled funds	NA	n/a	£5m	£10m
Foreign countries per country	AA+	13 months	£10m	£10m
ESG focussed short term deposits	A-	13 months	£5m	£5m
Other investments	A-	5 years	£5m	£5m

This table must be read in conjunction with the notes below

\* **Minimum credit rating:** 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 where external advice indicates the entity to be of similar credit quality.

**3.50 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.

**3.51 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.

**3.52 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.

**3.53 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.

**3.54 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.

**3.55 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. Note that this classification covers the Council's 2 ESG strategic fund investments.

**3.56 Foreign countries:** This category covers investment with both the governments of foreign countries and banks based in foreign countries. Where a bank is domiciled in a foreign country, the bank must meet the minimum credit criteria set out in Table 3 of A-for 'Banks (unsecured)' and be domiciled in a country which meets the minimum credit rating criteria set of AA+.

**3.57 ESG focussed short term deposits:** Some banks and credit institutions now offer deposit accounts where the funds raised by the banks in these accounts are ring fenced to only be lent on for activities with an ESG focus. Such deposit accounts afford the same protections as other deposits with the bank hence allowing the Council to support the ESG agenda whilst acting within the strict requirements for security and liquidity. As detailed in section 3.9 below, where such accounts exist the Council will act with

discretion, allowing for some flexibility around duration of the deposit. Any investment will be subject to agreement of the S151 Officer.

Note: Any funds placed with an institution under this category will also count towards the overall limit for that individual counterparty under whichever sector limit it falls. For example, if £5m is placed with a bank on an ESG deposit, that £5m will also count towards the overall £10m limit for that bank.

**3.58 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. Any investment under this category will only be made following a favourable external credit assessment and on the specific advice of the Council's treasury management adviser.

**Note:** 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.

**3.59 Operational bank accounts:** The Authority may incur operational exposures, for example through current accounts, collection accounts and merchant acquiring services, to any UK bank with credit ratings no lower than BBB- and with assets greater than £25 billion. These are not classed as investments but are still subject to the risk of a bank bail-in. The Bank of England has stated that in the event of failure, banks with assets greater than £25 billion are more likely to be bailed-in than made insolvent, increasing the chance of the Authority maintaining operational continuity.

### **3.6 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. The credit rating agencies in current use are listed in the Treasury Management Practices document. 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 on the next working day 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.

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

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.

### **3.7 Investment limits**

The Authority's revenue reserves (including earmarked reserves) available to cover investment losses was £71 million as at 31st March 2021. To limit risk from any a single default, the maximum that will be lent to any one organisation (other than the UK Government) will be £10 million which represents 14.1% of reserves. A group of banks under the same ownership will be treated as a single organisation for limit purposes. 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.

### **3.8 Liquidity management**

The Authority uses forward looking forecasting based on prior year cashflows combined with knowledge of upcoming income/spending 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.

The Authority will spread its liquid cash over at least four providers (e.g. bank accounts and money market funds) to ensure that access to cash is maintained in the event of operational difficulties at any one provider.

### **3.9 Environment Social and Governance investment approach**

**3.9.1 The Climate Emergency:** In 2019 Bath and North East Somerset Council declared a Climate emergency reflecting the concern that the Council has over climate change, and the commitment of the Council to address the issue with regards to evaluating the climate change impact of all our decisions. Actions available to be taken by the treasury management function are limited in scope due to the principles of Security, Liquidity and Yield, as set out in the CIPFA Treasury Management Code and MHCLG Investment Guidance, which remain at the heart of local authority treasury decisions and risk management.

**3.9.2 Background:** In light of the restrictions around what the Council is able to commit to in relation to its treasury investments the Council adopted an ESG investment approach as part of its 2021/22 Treasury Management Strategy.

### **3.9.3 Long term ESG investments:**

The potential for making future ESG focussed investments was included in the 2021/22 Treasury Management Strategy for the first time and was approved by Council in February 2021. Following a review carried out by Arlingclose of possible ESG (Environmental, Social and Corporate Governance) funds, and their presentation of findings and recommendations to Officers and Members in August 2021, the Chief Finance Officer agreed the investment of £5m split across the following two ESG focussed funds;

- £3m into FP Foresight UK Infrastructure fund; &
- £2m into VT Gravis Clean energy income fund;

On 30th November 2021, the Council made the first of its purchases of shares into the 2 funds with £1.5m placed with FP Foresight and £1m placed with VT Gravis. A further purchase of the same amount is planned for late February / early March 2022, which will be 3 months from the initial investment.

### **3.9.4 Short term ESG investments:**

The Council will consider options for investment of up to a total of £5 million of short-term funds with institutions who ring fence the use of such funds for ESG related matters. The criteria for credit rating of security of such deposits will need to remain in line with the wider Council policy, however where appropriate and at the Council's discretion, some flexibility will be provided to allow for slightly longer durations of investment and potentially lower returns in order to support the ESG focus. Any investment will be subject to agreement of the S151 Officer taking these factors into consideration.

Direct involvement and financing of Green energy projects is treated as capital expenditure, and as such is not covered within the remit of treasury management.

### **3.10 Other matters**

**Avon Pension Fund Investments:** The Council's Treasury Management team also manage the Avon Pension Fund's internally held cash on behalf of the Fund. The cash balance held internally is a working balance to cover pension payments at any point in time and it is estimated will be an average of £25 million, being around 0.5% of the overall assets of the Fund. The regulations require that this cash is accounted for separately and invested separately from the Council's cash.

Investments held will operate within the framework of this Investment Strategy, but the maximum counterparty limit and investment term with any counterparty are set annually by the Avon Pension Fund Committee. These limits are in addition to the Council's limits for counterparties as set out in Appendix 3.

The Fund's investment managers, are responsible for the investment of cash held within their portfolios and this policy does not relate to their cash investments. The Brunel Pension Partnership does not have any direct impact on the Council's treasury management activities.

#### **4. Treasury Management Prudential Indicators**

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

##### **4.1 Treasury Borrowing Limits for 2022/23 to 2024/25**

It is a statutory duty under s.3 of the Local Government Act 2003, and supporting regulations, for the Council to determine and keep under review how much it can afford to borrow. This amount is termed the 'Affordable Borrowing Limit'.

The Council must have regard to the Prudential Code when setting the Affordable Borrowing Limit. The Code requires an authority to ensure that its total capital investment remains within sustainable limits and, in particular, that the impact upon its future Council tax levels is 'acceptable'.

The Affordable Borrowing Limit must include all planned capital investment to be financed by external borrowing and any other forms of liability, such as credit arrangements. The Affordable Borrowing Limit is to be set on a rolling basis for the forthcoming year and two successive financial years.

The Authorised limits for external debt include current commitments and proposals in the budget report for capital expenditure, plus additional headroom over and above the operational limit for unusual cash movements.

The Operational boundary for external debt is based on the same estimates as the authorised limit but without the additional headroom for unusual cash movements. This level also factors in the proposed approach to use internal cash-flow and future capital receipts as the preferred financing method for the capital programme.

Table 4: Operational and authorised borrowing limits

	2022/23	2023/24	2024/25
Operational boundary – borrowing	£435m	£455m	£478m
Operational boundary – other long-term liabilities	£4m	£4m	£4m
<b>Operational boundary – TOTAL</b>	<b>£439m</b>	<b>£459m</b>	<b>£482m</b>
Authorised limit – borrowing	£464m	£483m	£506m
Authorised limit – other long-term liabilities	£4m	£4m	£4m
<b>Authorised limit – TOTAL</b>	<b>£468m</b>	<b>£487m</b>	<b>£510m</b>

## 4.2 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.

Table 5: Portfolio average credit rating criteria

Credit risk indicator	Target
Portfolio average credit rating	A-

## 4.3 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.

Table 6: Minimum 3 month liquidity limit

Liquidity risk indicator	Target
Total cash available within 3 months	£15m

## 4.4 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 risk indicator	Limit
Upper limit on one-year revenue impact of a 1% rise in interest rates	+/- £1m

Upper limit on one-year revenue impact of a 1% fall in interest rates	+/- £1m
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The impact of this limit is that the council should never be holding a maturity adjusted net debt/investment position of more than £100m subject to variable interest rates.

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, this includes amounts which are maturing each year in PWLB annuity loans.

#### 4.5 Maturity structure of borrowing

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

*Table 8: Borrowing maturity limits*

Refinancing rate risk indicator	Upper limit	Lower limit
Under 12 months	50%	0%
12 months and within 24 months	50%	0%
24 months and within 5 years	75%	0%
5 years and within 10 years	75%	0%
10 years and within 25 years	100%	25%
Over 25 years	100%	

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. For LOBO's this will now be shown as the date of their maturity.

#### 4.6 Long-term treasury management investments

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:

*Table 9: Investment maturity limits*

Price risk indicator	2022/23	2023/24	2024/25
Limit on principal invested beyond year end	£50m	£20m	£10m

### **5. Related Matters**

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



## **5.1 Treasury management advisers**

The Council's has appointed Arlingclose Limited as treasury management advisers and receives specific advice on investment, debt and capital finance issues, although responsibility for final decision making remains with the Council and its officers. The services received include:

- advice and guidance on relevant policies, strategies and reports,
- advice on investment decisions,
- notification of credit ratings and changes,
- other information on credit quality,
- advice on debt management decisions,
- accounting advice,
- reports on treasury performance,
- forecasts of interest rates, and
- training courses.

The quality of this service is monitored by officers on a regular basis, focusing on supply of relevant, accurate and timely information across the headings above.

## **5.2 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, assessed using the appropriate credit rating for derivative exposures.

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

### **5.3 External Funds**

Where schools have not opted to have their own bank account, the Council manages their investment balances as part of their own. The Council treats the schools' balances in its accounts as part of the Council's investment portfolio but assigns a return at a rate of base rate less 0.25% (capped to a minimum of zero where base rate drops below 0.25%) to schools for their respective balances.

### **5.4 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.

### **5.5 Staff training**

The needs of the Council's treasury management staff for training in investment management are assessed every year as part of the staff performance development review process, and additionally when the responsibilities of individual members of staff change.

Staff regularly attend training courses, seminars and conferences provided by Arlingclose and CIPFA. Relevant staff are also encouraged to study professional qualifications from CIPFA, the Association of Corporate Treasurers and other appropriate organisations.

### **5.6 Financial Implications**

The budget for treasury management investment income in 2022/23 is £0.4 million, based on an average investment portfolio of £28 million at an interest rate of 1.5%. The budget for debt interest paid in 2022/23 is £7.9 million, based on an average debt portfolio of £267 million at an average interest rate of 3%. If actual levels of investments and borrowing, or actual interest rates, differ from those forecast, performance against budget will be correspondingly different.

Where investment income from strategic pooled funds exceeds budget, then 50% of the revenue savings will be transferred to the Capital Financing Reserve to mitigate the risk of capital losses in future years should valuation losses on fair value treasury assets require recognition, or where capital losses were crystallised on the sale of treasury assets.

## 5.7 Other Options Considered

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 Economic Development & Resources, 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.

*Table 10: Alternative treasury strategy options considered*

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

## Appendix A - Arlingclose Economic & Interest Rate Forecast - December 2021

### **Underlying assumptions:**

- The global recovery from the pandemic has entered a more challenging phase. The resurgence in 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. The advent of the Omicron variant of coronavirus is affecting activity and is also a reminder of the potential downside risks.
- Despite relatively buoyant activity survey data, official GDP data indicates that growth was weakening into Q4 2021. Other data, however, suggested continued momentum, particularly for November. Retail sales volumes rose 1.4%, PMIs increased, and the labour market continued to strengthen. The end of furlough did not appear to have had a significant impact on unemployment. Wage growth is elevated.
- The CPI inflation rate rose to 5.1% for November and will rise higher in the near term. While the transitory factors affecting inflation are expected to unwind over time, policymakers' concern is persistent medium term price pressure.
- These factors prompted the MPC to raise Bank Rate to 0.25% at the December meeting. Short term interest rate expectations remain elevated.
- The outlook, however, appears weaker. Household spending faces pressures from a combination of higher prices and tax rises. In the immediate term, the Omicron variant has already affected growth - Q4 and Q1 activity could be weak at best.
- Longer-term government bond yields remain relatively low despite the more hawkish signals from the BoE and the Federal Reserve. Investors are concerned that significant policy tightening in the near term will slow growth and prompt the need for looser policy later. Geopolitical and coronavirus risks are also driving safe haven buying. The result is a much flatter yield curve, as short-term yields rise even as long-term yields fall.
- The rise in Bank Rate despite the Omicron variant signals that the MPC will act to bring inflation down whatever the environment. It has also made clear its intentions to tighten policy further. While the economic outlook will be challenging, the signals from policymakers suggest their preference is to tighten policy unless data indicates a more severe slowdown.

### **Forecast:**

- The MPC will want to build on the strong message it delivered this month by tightening policy despite Omicron uncertainty.
- Arlingclose therefore expects Bank Rate to rise to 0.50% in Q1 2022, but then remain there. Risks to the forecast are initially weighted to the upside, but becoming more balanced over time. The Arlingclose central forecast remains below the market forward curve.
- Gilt yields will remain broadly flat from current levels. Yields have fallen sharply at the longer end of the yield curve, but expectations of a rise in Bank Rate have maintained short term gilt yields at higher levels.
- Easing expectations for Bank Rate over time could prompt the yield curve to steepen, as investors build in higher inflation expectations.
- The risks around the gilt yield forecasts vary. The risk for short and medium term yields is initially on the upside but shifts lower later. The risk for long-term yields is weighted to the upside.

	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
<b>Official Bank Rate</b>													
Upside risk	0.00	0.00	0.25	0.25	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Arlingclose Central Case	0.25	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Downside risk	0.00	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25
<b>3-month money market rate</b>													
Upside risk	0.05	0.05	0.25	0.35	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Arlingclose Central Case	0.25	0.55	0.55	0.60	0.60	0.60	0.60	0.65	0.65	0.65	0.65	0.65	0.65
Downside risk	0.00	-0.25	-0.25	-0.30	-0.30	-0.30	-0.30	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35
<b>5yr gilt yield</b>													
Upside risk	0.00	0.35	0.45	0.55	0.55	0.55	0.55	0.55	0.55	0.50	0.50	0.45	0.45
Arlingclose Central Case	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.65	0.70	0.75	0.75
Downside risk	-0.10	-0.20	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.30	-0.35	-0.40	-0.40
<b>10yr gilt yield</b>													
Upside risk	0.10	0.25	0.35	0.40	0.45	0.50	0.50	0.50	0.50	0.50	0.55	0.55	0.55
Arlingclose Central Case	0.80	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.90	0.90	0.95	0.95
Downside risk	-0.10	-0.25	-0.30	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35	-0.40	-0.40	-0.40	-0.40
<b>20yr gilt yield</b>													
Upside risk	0.30	0.40	0.45	0.45	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Arlingclose Central Case	1.00	1.05	1.10	1.10	1.10	1.10	1.15	1.15	1.15	1.20	1.20	1.20	1.20
Downside risk	-0.15	-0.30	-0.35	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.45	-0.45	-0.45	-0.45
<b>50yr gilt yield</b>													
Upside risk	0.25	0.30	0.40	0.45	0.45	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Arlingclose Central Case	0.70	0.75	0.80	0.85	0.90	0.95	1.00	1.05	1.05	1.10	1.10	1.15	1.15
Downside risk	-0.15	-0.30	-0.35	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.45	-0.45	-0.45	-0.45

PWLB Standard Rate (Maturity Loans) = Gilt yield + 1.00%  
PWLB Certainty Rate (Maturity Loans) = Gilt yield + 0.80%  
PWLB Infrastructure Rate (Maturity Loans) = Gilt yield + 0.60%