

TREASURY MANAGEMENT STRATEGY STATEMENT, TREASURY MANAGEMENT POLICY STATEMENT, MINIMUM REVENUE PROVISION POLICY STATEMENT AND ANNUAL INVESTMENT STRATEGY 2018/19

Purpose

To comply with the requirement of the Council's Treasury Management Policy in reporting to Council the proposed strategy for the forthcoming year and the Local Government Act 2003 with the reporting of the Prudential Indicators.

Executive Summary

The Local Government Act 2003 requires the Council to produce prudential indicators in line with the Prudential Code.

This report outlines the Council's prudential indicators for 2018/19 – 2020/21 and sets out the expected Treasury operations for this period. This report and associated tables fulfil the statutory requirement of the Local Government Act 2003 by:

- Reporting the prudential indicators as required by the Chartered Institute of Public Finance and Accountancy (CIPFA) Prudential Code for Capital Finance in Local Authorities;
- Setting the Council's Minimum Revenue Provision (MRP) Policy, which defines how the Council will pay for capital assets through revenue contributions each year (as required by Regulation under the Local Government and Public Involvement in Health Act 2007);
- Setting the Treasury Management Strategy in accordance with the CIPFA Code of Practice on Treasury Management;
- Adopting the Council's Treasury Management Policy Statement as recommended within the CIPFA Code of Practice 2017;
- Setting the Investment Strategy (in accordance with the Department for Communities and Local Government (DCLG) investment guidance); and
- Affirming the effective management and responsibility for the control of risk and clearly identify our appetite for risk. The Council's risk appetite is low in order to give priority to **Security, Liquidity then Yield** (or return on investments).

The main issues for Members to note are:

1. CIPFA Prudential Code and Treasury Management Code

CIPFA issued a revised Prudential code for Capital Finance in Local Authorities (Prudential Code) and Treasury Management in the Public Services Code of Practice and Cross-Sectoral Guidance Notes (Treasury Management Code) in December 2017. Both these codes will be effective for the 2018/19 financial year, and are recommended to Members for adoption.

Revisions have focussed on non-treasury investments and particularly on the purchase of property to generate income, which may involve external borrowing or the use of existing cash balances. CIPFA defines the following:-

Treasury management investments – covering those investments which arise from the organisation’s cash flows and debt management activity, and ultimately represent balances which need to be invested until the cash is required for use in the course of business;

Service investments – held clearly and explicitly in the course of the provision, and for the purposes, of operational services, including regeneration;

Commercial investments – which are taken for mainly financial reasons. These may include investments arising as part of business structures, such as loans in subsidiaries or other outsourcing structures; or investments explicitly taken with the aim of making a financial surplus for the organisation. Commercial investments also include non-financial assets which are held primarily for financial benefit, such as investment properties.

The Code requires that such investments are proportional to the level of resources available, and that the same robust procedures for the consideration of risk and return are applied to investment decisions. All such investments will be covered in the capital strategy/investment strategy, setting out the risk appetite and including specific policies and arrangements for such investments, with a schedule of existing material investments, subsidiaries, joint ventures and liabilities, including financial guarantees and risk exposure.

The Codes have introduced the requirement for local authorities to produce a detailed Capital Strategy, intended to give a high-level overview of how capital expenditure, capital financing and treasury management activity contribute to the provision of services along with an overview of how associated risk is managed and the implications for future financial sustainability. The capital strategy for this Council is included within this report.

Other key changes include ‘the treasury management role of the Chief Financial Officer’ (see Annex 7) which has been extended to include new roles in respect of the capital strategy and investment in non-financial assets. There have also been some amendments to the prudential indicators in the revised Prudential Code, ***including the removal of the incremental impact on Council Tax/Housing Rents.***

2. DCLG Investment Guidance and MRP Guidance

The DCLG recently issued consultation on proposals for updated investment guidance and Minimum Revenue Provision (MRP) guidance, focusing on non-financial asset investments. Consultation closed on 22nd December 2017 and revised guidance was issued on 2nd February 2018. Key issues include amendments to the definition of an investment, so that it now covers all financial assets and other non-financial assets that an authority holds primarily to generate financial returns, such as investment portfolios; and the proviso that authorities should not borrow in advance of need purely to profit from the investment of extra sums borrowed. Additional disclosures are also required in terms of risk management around investments. The guidance with regard to MRP is effective from 1st April 2019 (with the exception of changes to MRP calculations, which are effective from 1st April 2018). The investment guidance is effective from 1st April 2018, however, strategies relating to 2018/19 but presented to Council before this date do not need to include all of the additional disclosures should it not be practical or cost effective to do so. The additional requirements impacting on this Council will be included in the next Strategy report to be presented.

3. MIFID II

MIFID II is the EU legislation that regulates firms who provide services to clients linked to financial instruments and has been revised to strengthen consumer protection and improve the functioning of markets in light of the 2008 financial crisis.

Under these reforms effective 3rd January 2018, all local authorities are classified as retail counterparties and have to consider whether to opt up to professional status and for which types of investments. As this Council has over £10m in investments, and meets the criteria as a professional counterparty, **we have opted up to professional status**, so that we may continue to use the full range of investments, for example Money Market Funds (MMFs), which are not available to retail counterparties. Members are requested to endorse this approach.

4. Investment in Property Funds

Alternative investment options are under consideration as part of the development of the Commercial Investment and Regeneration Strategy (including any prudential borrowing opportunities) to generate improved returns of c.5% p.a. (plus asset growth) including:

- Set up of trading company to develop new income streams;
- Local investment options – Lower Gungate / Solway Close development including the potential to drawdown funding from the Local Growth Fund / Local Enterprise Partnerships (GBS and Staffordshire);
- Investments in a diversified Property Fund;
- Investments in a diversified Investment Vehicle (property, shares etc.);

being long term investments of between 5 – 10 years (minimum) in order to make the necessary returns (after set up costs).

Utilising the capital receipt proceeds of the sale of the Golf Course, it is envisaged that approx. £12m will be available for long-term investment in a number of property funds. To this end the Council has recently undertaken a Property Fund Manager selection exercise, appointing Link Asset Services to provide support and advice in the identification and selection of suitable UK-focussed property funds.

At the outset, the Council was looking to engage with funds that had a broad remit of exposures to different property types, rather than being focussed on one particular area, such as shopping centres. Link Asset Services looked to the “Balanced Fund” universe of UK property funds, as outlined in the AREF/IPD UK Quarterly Property Fund Index, for the starting point for selection. This universe is the industry accepted standard for balanced property funds and included 27 funds as at the close of September 2017.

From this initial list, a number of funds were removed in instances where the Council would not be able to invest, for example those that are solely for pension funds and others where investor types are limited, excluding Local Authorities. The Council also looked to exclude funds below a minimum size threshold of £750m. This left 10 funds from which to further shortlist, and each was sent a copy of a questionnaire to complete, which had been drawn up in conjunction with Link Asset Services and focussed on a number of key areas. Following consideration of the completed questionnaires, a shortlist of 6 funds was drawn up, and the Fund Managers were invited to attend the Council’s offices and give a presentation on their fund and answer questions from the selection panel, which consisted of Council officers and Link Asset Services. Further details of the selection process are included in Link Asset Services’ report presented to Members 21st February 2018 and included within background papers to this report.

The result of the process was to look to consider splitting investment across the following six funds:-

BlackRock UK Property Fund
Hermes Property Unit Trust
Lothbury Property Trust
Schroder UK Real Estate Fund
The Local Authorities Property Fund (CCLA)
Threadneedle Property Unit Trust

This will provide the Council with a range of approaches to property fund investment, diversification across a number of funds, rather than a concentration in only one or two options, as well as the ability to take advantage of entering a number of funds via the secondary market, whereby the Council would be purchasing units from investors looking to exit the particular fund, and may potentially gain access to a fund at a lower level of cost than via the primary route.

The Council is able to invest in property funds under legislation contained within the Local Government Act 2003.

Members are requested to endorse the above approach and approve investment in the above property funds, making use of both primary and secondary markets as appropriate, at the discretion of the Executive Director Corporate Services and Director of Finance.

5. The CIPFA Code of Practice and associated Guidance Notes 2017 (to be adopted by the Council as one of the recommendations within this report) requires that the following four clauses are adopted:
 - a) This Council will create and maintain, as the cornerstones for effective treasury management:

A treasury management policy statement, stating the policies, objectives and approach to risk management of its treasury management activities
Suitable treasury management practices (TMPs) setting out the manner in which the organization will seek to achieve those policies and objectives, and prescribing how it will manage and control those activities.
 - b) This Council will receive reports on its treasury management policies, practices and activities, including as a minimum, an annual strategy and plan in advance of the year, a mid-year review and an annual report after its close.
 - c) This Council delegates responsibility for the implementation and regular monitoring of its treasury management policies and practices to Cabinet, and for the execution and administration of treasury management decisions to the Executive Director Corporate Services, who will act in accordance with the organisation's policy statement and TMPs.
 - d) This Council nominates the Audit and Governance Committee to be responsible for ensuring effective scrutiny of the treasury management strategy and policies.

Equalities Implications

There are no equalities implications arising from the report.

Legal Implications

Approval of Prudential Indicators and an Annual Investment Strategy is a legal requirement of the Local Government Act 2003. Members are required under the CIPFA Code of Practice to have ownership and understanding when making decisions on Treasury Management matters.

Resource and Value for Money Implications

All financial resource implications are detailed in the body of this report which links to the Council's Medium Term Financial Strategy.

Risk Implications

Risk is inherent in Treasury Management and as such a risk based approach has been adopted throughout the report with regard to Treasury Management processes.

A Glossary of terms utilised within the report can be found at **ANNEX 9**.

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Background Papers:-	<i>Budget & Medium Term Financial Strategy 2018/19</i>
	<i>Mid-year Treasury Report 2017/18 Council, 12/12/17</i>
	<i>Annual Treasury Report 2016/17 Council, 12/09/17</i>
	<i>Treasury Management Strategy Statement, Treasury Management Policy Statement, Minimum Revenue Provision Policy Statement & Annual Investment Statement 2017/18 Council 21/02/2017</i>
	<i>Treasury Management Training slides, 7th October 2015 & 21st February 2018</i>
	<i>CIPFA Code of Practice on Treasury Management in Public Services 2017</i>
	<i>DCLG Guidance on Local Government Investments March 2010</i>
	<i>Local Government Act 2003</i>
	<i>Treasury Management Practices 2018/19 (Operational Detail)</i>
	<i>Link Asset Services Property Fund Selection Report December 2017</i>

1. INTRODUCTION

1.1 Background

The Council is required to operate a balanced budget, which broadly means that cash raised during the year will meet cash expenditure. Part of the Treasury Management operation is to ensure that this cash flow is adequately planned, with cash being available when it is needed. Surplus monies are invested in low risk counterparties or instruments commensurate with the Council's low risk appetite, providing adequate liquidity initially before considering investment return.

The second main function of the Treasury Management service is the funding of the Council's capital plans. These capital plans provide a guide to the borrowing need of the Council, essentially the longer term cash flow planning, to ensure that the Council can meet its capital spending obligations. This management of longer term cash may involve arranging long or short term loans, or using longer term cash flow surpluses. On occasion, when it is prudent and economic, any debt previously drawn may be restructured to meet Council risk or cost objectives.

1.2 The Treasury Management Policy Statement

This Council defines treasury management as:

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

The Council regards the successful identification, monitoring and control of risk to be the prime criteria by which the effectiveness of its treasury management activities will be measured. Accordingly, the analysis and reporting of treasury management activities will focus on their risk implications for the organisation, and any financial instruments entered into to manage these risks.

The Council acknowledges that effective treasury management will provide support towards the achievement of its business and service objectives. It is therefore committed to the principles of achieving value for money in treasury management, and to employing suitable comprehensive performance measurement techniques, within the context of effective risk management.

1.3 Reporting Requirements

The Council is currently required to receive and approve, as a minimum, three main reports each year, which incorporate a variety of policies, estimates and actuals.

Prudential and Treasury Indicators and Treasury Strategy (this report) - The first, and most important, report covers:

- the capital plans (including prudential indicators);
- a Minimum Revenue Provision (MRP) Policy (how residual capital expenditure is charged to revenue over time);
- the Treasury Management Strategy (how the investments and borrowings are to be organised) including treasury indicators; and
- an Investment Strategy (the parameters on how investments are to be managed).

A Mid Year Treasury Management Report (Reported by December) – This will update Members with the progress of the capital position, amending prudential indicators as necessary, and whether any policies require revision.

An Annual Treasury Report (Reported by September) – This provides details of a selection of actual prudential and treasury indicators and actual treasury operations compared to the estimates within the strategy.

Scrutiny

The above reports are required to be adequately scrutinised before being recommended to the Council. This role is undertaken by the Audit and Governance Committee.

Capital Strategy

In December 2017, CIPFA issued revised Prudential and Treasury Management Codes. As from 2019/20, all local authorities will be required to prepare an additional report, a Capital Strategy report, which is intended to provide the following: -

- a high-level overview of how capital expenditure, capital financing and treasury management activity contribute to the provision of services
- an overview of how the associated risk is managed
- the implications for future financial sustainability

The aim of this report is to ensure that all elected members on the full Council fully understand the overall strategy, governance procedures and risk appetite entailed by this Strategy.

The Capital Strategy will include capital expenditure, investments and liabilities and treasury management in sufficient detail to allow all members to understand how stewardship, value for money, prudence, sustainability and affordability will be secured.

1.4 Treasury Management Strategy for 2018/19

The strategy for 2018/19 covers two main areas:

Capital Issues

- the Capital Plans and the Prudential Indicators;
- the Minimum Revenue Provision (MRP) policy

Treasury Management Issues

- the current treasury position;
- treasury indicators which will limit the treasury risk and activities of the Council;
- prospects for interest rates;
- the borrowing strategy;
- policy on borrowing in advance of need;
- debt rescheduling;
- the investment strategy;
- creditworthiness policy; and
- policy on use of external service providers

These elements cover the requirements of the Local Government Act 2003, the CIPFA Prudential Code, the CLG MRP Guidance, the CIPFA Treasury Management Code and CLG Investment Guidance.

1.5 Training

The CIPFA Code requires the responsible officer to ensure that Members with responsibility for treasury management receive adequate training in treasury management. This especially applies to Members responsible for scrutiny. Detailed Treasury Management training was provided in February 2015, October 2015, and most recently February 2018 but will also be provided as and when required.

The training needs of Treasury Management Officers are regularly reviewed.

1.6 Treasury Management Consultants

The Council uses Link Asset Services, Treasury Solutions as its external treasury management advisors.

The Council recognises that responsibility for Treasury Management decisions remains with the organisation at all times and will ensure that undue reliance is not placed upon our external service providers.

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

2. THE CAPITAL PRUDENTIAL INDICATORS 2018/19 – 2020/21

The Council's Capital Expenditure plans are the key driver of Treasury Management activity. The output of the capital expenditure plans is reflected in the prudential indicators, which are designed to assist members' overview and confirm capital expenditure plans.

2.1 Capital Expenditure.

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

Capital Expenditure £m	2016/17 Actual	2017/18 Predicted Outturn*	2017/18 Re- profiling	2018/19 Estimate**	2019/20 Estimate	2020/21 Estimate
Non-HRA	1.408	1.817	2.756	10.176	6.708	0.865
HRA	7.351	8.974	17.122	13.274	7.812	7.156
Total	8.759	10.791	19.878	23.450	14.520	8.022

* Actual Projected at Period 9

** excludes projected slippage from 2017/18

The above financing need excludes other long term liabilities, such as PFI and leasing arrangements which already include borrowing instruments.

The table below summarises the above capital expenditure plans and how these plans are being financed by capital or revenue resources. Any shortfall of resources results in a funding (borrowing) need.

Capital Financing (GF/HRA) Use of Reserves	2016/17 Actual	2017/18 Predicted Outturn*	2017/18 Re- profiling	2018/19 Estimate**	2019/20 Estimate	2020/21 Estimate
Capital Receipts	2.032	1.249	0.923	8.906	6.903	1.830
Capital Grants	0.846	1.407	1.206	1.404	0.360	0.360
Capital Reserves	2.235	3.778	7.646	6.004	2.585	2.100
Revenue Reserves	3.618	4.330	2.252	5.302	4.527	3.606
Revenue Contributions	0.028	0.028	0.537	0.168	-	0.030
Net financing need for the year	-	-	7.314	1.666	0.145	0.095
Total	8.759	10.791	19.878	23.450	14.520	8.022

2.2 The Council's Borrowing Need (the Capital Financing Requirement)

The second prudential indicator is the Council's Capital Financing Requirement (CFR). The CFR is simply the total historic outstanding capital expenditure which has not yet been paid for from either revenue or capital resources. It is essentially a measure of the Council's indebtedness and so its underlying borrowing need. Any capital expenditure above, which has not immediately been paid for, will increase the CFR.

The CFR does not increase indefinitely, as the Minimum Revenue Provision (MRP) is a statutory annual revenue charge which broadly reduces the indebtedness in line with each asset's life, and so charges the economic consumption of capital assets as they are used.

The CFR includes any other long term liabilities (e.g. PFI schemes, finance leases). Whilst these increase the CFR, and therefore the Council's borrowing requirement, these types of scheme include a borrowing facility and so the Council is not required to separately borrow for these schemes. The Council currently has no such schemes within the CFR.

The Council is asked to approve the CFR projections below:

£m	2016/17 Actual	2017/18 Revised Estimate	2018/19 Estimate	2019/20 Estimate	2020/21 Estimate
Capital Financing Requirement					
CFR – non housing	0.943	0.885	2.547	2.589	2.581
CFR - housing	68.041	68.041	75.255	75.255	75.255
Total CFR	68.984	68.926	77.802	77.844	77.836
Movement in CFR	(0.058)	(0.058)	8.876	0.041	(0.008)

Movement in CFR represented by					
Net financing need for the year (above)	-	-	8.980	0.145	0.095
Less MRP/VRP and other financing movements	(0.058)	(0.058)	(0.104)	(0.104)	(0.103)
Movement in CFR	(0.058)	(0.058)	8.876	0.041	(0.008)

* CFR 2015/16 £69.042m

2.3 Core Funds and Expected Investment Balances

The application of resources (capital receipts, reserves etc.) to either finance capital expenditure or other budget decisions to support the revenue budget will have an ongoing impact on investments unless resources are supplemented each year from new sources (asset sales etc.). Detailed below are estimates of the year end balances for each resource and anticipated day to day cash flow balances.

Year End Resources £m	2016/17 Actual	2017/18 Estimate	2018/19 Estimate	2019/20 Estimate	2020/21 Estimate
Fund Balances/Reserves	33.179	33.132	13.696	11.891	10.609
Capital Receipts	12.610	19.803	25.278	25.328	24.452
Provisions*	4.751	4.751	4.751	4.751	4.751
Other	0.048	0.048	0.048	0.048	0.048
Total Core Funds	50.588	57.734	43.773	42.018	39.860
Working Capital**	6.547	5.540	25.167	25.262	24.264
(Under)/Over Borrowing	(5.924)	(5.866)	(14.742)	(14.783)	(14.776)
Expected Investments	51.211	57.408	54.198	52.497	49.349

* Includes full provision for NNDR appeals

** Working capital balances shown are estimated year end; these may be higher mid year. This figure also includes potential budget reprofiling and cashflow movements in year.

3. BORROWING

The capital expenditure plans set out in Section 2 provide details of the service activity of the Council. The Treasury Management function ensures that the Council's cash is organised in accordance with the the relevant professional codes, so that sufficient cash is available to meet this service activity and the Council's capital strategy. This will involve both the organisation of the cash flow and, where capital plans require, the organisation of appropriate borrowing facilities. The strategy covers the relevant treasury / prudential indicators, the current and projected debt positions and the annual investment strategy.

3.1 Current Portfolio Position

The Council's Treasury Portfolio position at 31st March 2017, with forward projections, is summarised below. The table shows the actual external debt (the Treasury Management Operations), against the underlying capital borrowing need (the Capital Financing Requirement - CFR), highlighting any over or under borrowing.

Treasury Portfolio	2016/17 Actual £000's	2017/18 Estimate £000's	2018/19 Estimate £000's	2019/20 Estimate £000's	2020/21 Estimate £000's
External Debt					
Debt at 1st April	65.060	63.060	63.060	63.060	63.060
Expected change in Debt	(2.000)	-	-	-	-
Actual gross debt at 31st March	63.060	63.060	63.060	63.060	63.060
The Capital Financing Requirement	68.984	68.926	77.802	77.844	77.836
Under / (over) borrowing	5.924	5.866	14.742	14.783	14.776

Within the prudential indicators there are a number of key indicators to ensure that the Council operates its activities within well defined limits. One of these is that the Council needs to ensure that its gross debt does not, except in the short term, exceed the total of the CFR in the preceding year plus the estimates of any additional CFR for 2018/19 and the following two financial years. This allows some flexibility for limited early borrowing for future years, but ensures that borrowing is not undertaken for revenue or speculative purposes.

The Executive Director Corporate Services (the Section 151 Officer) reports that the Council complied with this prudential indicator in the current year and does not envisage difficulties for the future. This view takes into account current commitments, existing plans, and the proposals in this budget report.

3.2. Treasury Indicators: Limits to Borrowing Activity

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

Operational Boundary	2017/18 Estimate £m	2018/19 Estimate £m	2019/20 Estimate £m	2020/21 Estimate £m
Borrowing	63.060	63.060	63.060	63.060
Total	63.060	63.060	63.060	63.060

The Authorised Limit for external debt - A further key prudential indicator represents a control on the maximum level of borrowing. This represents a limit beyond which external debt is prohibited, and this limit needs to be set or revised by the full Council. It reflects the level of external borrowing which, while not desired, could be afforded in the short term, but is not sustainable in the longer term.

This is the statutory limit determined under section 3 (1) of the Local Government Act 2003. The Government retains an option to control either the total of all councils' plans, or those of a specific council, although this power has not yet been exercised.

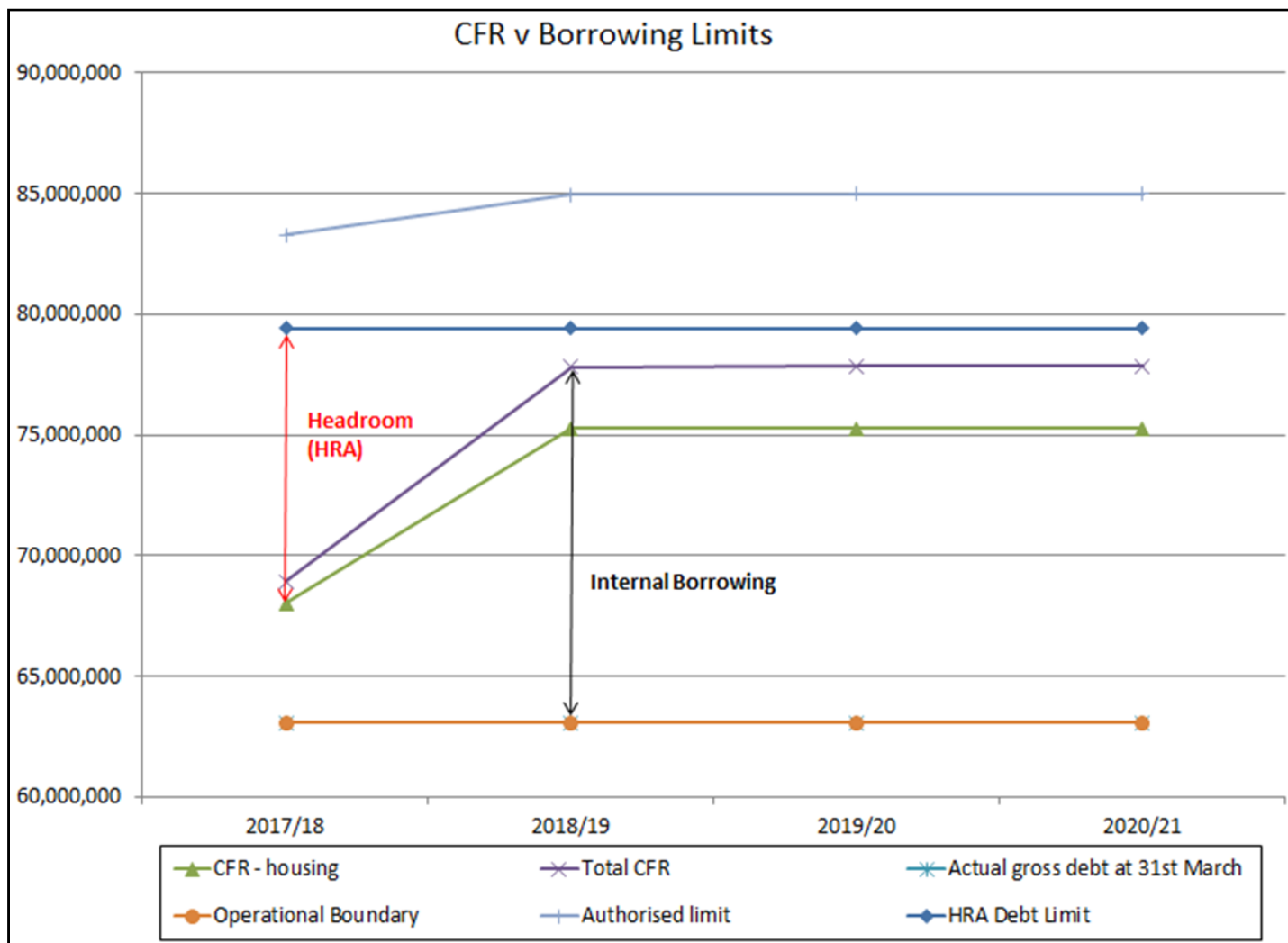
The Council is asked to approve the following Authorised Limit:

Authorised limit	2017/18 Estimate £m	2018/19 Estimate £m	2019/20 Estimate £m	2020/21 Estimate £m
Borrowing	83.292	84.954	84.996	84.988
Total	83.292	84.954	84.996	84.988

Separately, the Council is also limited to a maximum HRA CFR through the HRA self-financing regime. This limit is currently:

HRA Debt Limit	2017/18 Estimate £m	2018/19 Estimate £m	2019/20 Estimate £m	2020/21 Estimate £m
Total	79.407	79.407	79.407	79.407

This information summarised graphically below:



3.3. Prospects for Interest Rates

A more detailed interest rate view and economic commentary are at **ANNEXES 2 & 3**.

The Council has appointed Link Asset Services as its Treasury Advisor and part of their service is to assist the Council to formulate a view on interest rates. The following table gives their central view.

	Mar-18	Jun-18	Sep-18	Dec-18	Mar-19	Jun-19	Sep-19	Dec-19	Mar-20	Jun-20	Sep-20	Dec-20	Mar-21
Bank Rate	0.50%	0.50%	0.50%	0.75%	0.75%	0.75%	0.75%	1.00%	1.00%	1.00%	1.25%	1.25%	1.25%
5yr PWLB rate	1.60%	1.60%	1.70%	1.80%	1.80%	1.90%	1.90%	2.00%	2.10%	2.10%	2.20%	2.30%	2.30%
10yr PWLB rate	2.20%	2.30%	2.40%	2.40%	2.50%	2.60%	2.60%	2.70%	2.70%	2.80%	2.90%	2.90%	3.00%
25yr PWLB rate	2.90%	3.00%	3.00%	3.10%	3.10%	3.20%	3.20%	3.30%	3.40%	3.50%	3.50%	3.60%	3.60%
50yr PWLB rate	2.60%	2.70%	2.80%	2.90%	2.90%	3.00%	3.00%	3.10%	3.20%	3.30%	3.30%	3.40%	3.40%

As expected, the Monetary Policy Committee (MPC) delivered a 0.25% increase in Bank Rate at its meeting on 2 November. This removed the emergency cut in August 2016 after the EU referendum. The MPC also gave forward guidance that they expected to increase Bank rate only twice more by 0.25% by 2020 to end at 1.00%. The Link Asset Services forecast as

above includes increases in Bank Rate of 0.25% in November 2018, November 2019 and August 2020.

The overall longer run trend is for gilt yields and PWLB rates to rise, albeit gently. It has long been expected, that at some point, there would be a more protracted move from bonds to equities after a historic long-term trend, over about the last 25 years, of falling bond yields. The action of central banks since the financial crash of 2008, in implementing substantial Quantitative Easing, added further impetus to this downward trend in bond yields and rising bond prices. Quantitative Easing has also directly led to a rise in equity values as investors searched for higher returns and took on riskier assets. The sharp rise in bond yields since the US Presidential election in November 2016 has called into question whether the previous trend may go into reverse, especially now the Fed. has taken the lead in reversing monetary policy by starting, in October 2017, a policy of not fully reinvesting proceeds from bonds that it holds when they mature.

Until 2015, monetary policy was focused on providing stimulus to economic growth but has since started to refocus on countering the threat of rising inflationary pressures as stronger economic growth becomes more firmly established. The Fed. has started raising interest rates and this trend is expected to continue during 2018 and 2019. These increases will make holding US bonds much less attractive and cause their prices to fall, and therefore bond yields to rise. Rising bond yields in the US are likely to exert some upward pressure on bond yields in the UK and other developed economies. However, the degree of that upward pressure is likely to be dampened by how strong or weak the prospects for economic growth and rising inflation are in each country, and on the degree of progress towards the reversal of monetary policy away from quantitative easing and other credit stimulus measures.

From time to time, gilt yields – and therefore PWLB rates - can be subject to exceptional levels of volatility due to geo-political, sovereign debt crisis and emerging market developments. Such volatility could occur at any time during the forecast period.

Economic and interest rate forecasting remains difficult with so many external influences weighing on the UK. The above forecasts (and MPC decisions) will be liable to further amendment depending on how economic data and developments in financial markets transpire over the next year. Geopolitical developments, especially in the EU, could also have a major impact. Forecasts for average investment earnings beyond the three-year time horizon will be heavily dependent on economic and political developments.

The overall balance of risks to economic recovery in the UK is probably to the downside, particularly with the current level of uncertainty over the final terms of Brexit.

Downside risks to current forecasts for UK gilt yields and PWLB rates currently include:

- Bank of England monetary policy takes action too quickly over the next three years to raise Bank Rate and causes UK economic growth, and increases in inflation, to be weaker than we currently anticipate.
- Geopolitical risks, especially North Korea, but also in Europe and the Middle East, which could lead to increasing safe haven flows.

- A resurgence of the Eurozone sovereign debt crisis, possibly Italy, due to its high level of government debt, low rate of economic growth and vulnerable banking system.
- Weak capitalisation of some European banks.
- Germany is still without an effective government after the inconclusive result of the general election in October. In addition, Italy is to hold a general election on 4 March and the anti EU populist Five Star party is currently in the lead in the polls, although it is unlikely to get a working majority on its own. Both situations could pose major challenges to the overall leadership and direction of the EU as a whole and of the individual respective countries. Hungary will hold a general election in April 2018.
- The result of the October 2017 Austrian general election has now resulted in a strongly anti-immigrant coalition government. In addition, the Czech ANO party became the largest party in the October 2017 general election on a platform of being strongly against EU migrant quotas and refugee policies. Both developments could provide major impetus to other, particularly former Communist bloc countries, to coalesce to create a major block to progress on EU integration and centralisation of EU policy. This, in turn, could spill over into impacting the Euro, EU financial policy and financial markets.
- Rising protectionism under President Trump
- A sharp Chinese downturn and its impact on emerging market countries

The potential for upside risks to current forecasts for UK gilt yields and PWLB rates, especially for longer term PWLB rates include: -

- The Bank of England is too slow in its pace and strength of increases in Bank Rate and, therefore, allows inflation pressures to build up too strongly within the UK economy, which then necessitates a later rapid series of increases in Bank Rate faster than we currently expect.
- UK inflation returning to sustained significantly higher levels causing an increase in the inflation premium inherent to gilt yields.
- The Fed causing a sudden shock in financial markets through misjudging the pace and strength of increases in its Fed. Funds Rate and in the pace and strength of reversal of Quantitative Easing, which then leads to a fundamental reassessment by investors of the relative risks of holding bonds, as opposed to equities. This could lead to a major flight from bonds to equities and a sharp increase in bond yields in the US, which could then spill over into impacting bond yields around the world.

Investment and borrowing rates

Investment returns are likely to remain low during 2018/19 but to be on a gently rising trend over the next few years.

Borrowing interest rates increased sharply after the result of the general election in June and then also after the September MPC meeting when financial markets reacted by accelerating their expectations for the timing of Bank Rate increases. Since then, borrowing rates have eased back again somewhat. Apart from that, there has been little general trend in rates during the current financial year. The policy of avoiding new borrowing by running down spare cash balances has

served well over the last few years. However, this needs to be carefully reviewed to avoid incurring higher borrowing costs in the future when authorities may not be able to avoid new borrowing to finance capital expenditure and/or the refinancing of maturing debt;

There will remain a cost of carry to any new long-term borrowing that causes a temporary increase in cash balances as this position will, most likely, incur a revenue cost – the difference between borrowing costs and investment returns.

3.4 Borrowing Strategy

The Council is currently maintaining an under-borrowed position. This means that the capital borrowing need (the Capital Financing Requirement), has not been fully funded with loan debt as cash supporting the Council's reserves, balances and cash flow has been used as a temporary measure. This strategy is prudent as investment returns are low and counterparty risk is still an issue that needs to be considered..

Against this background and the risks within the economic forecast, caution will be adopted with the 2018/19 treasury operations. The Director of Finance will monitor interest rates in financial markets and adopt a pragmatic approach to changing circumstances:

- * *if it was felt that there was a significant risk of a sharp FALL in long and short term rates (e.g. due to a marked increase of risks around relapse into recession or of risks of deflation), then long term borrowings will be postponed, and potential rescheduling from fixed rate funding into short term borrowing will be considered.*
- * *if it was felt that there was a significant risk of a much sharper RISE in long and short term rates than that currently forecast, perhaps arising from an acceleration in the start date and in the rate of increase in central rates in the USA and UK, an increase in world economic activity or a sudden increase in inflation risks, then the portfolio position will be re-appraised. Most likely, fixed rate funding will be drawn whilst interest rates are lower than they are projected to be in the next few years.*

Any decisions will be reported to Council at the next available opportunity.

3.5 Policy on Borrowing in Advance of Need

The Council will not borrow more than or in advance of its needs purely in order to profit from the investment of the extra sums borrowed. Any decision to borrow in advance will be within forward approved Capital Financing Requirement estimates, and will be considered carefully to ensure that value for money can be demonstrated and that the Council can ensure the security of such funds.

Risks associated with any borrowing in advance activity will be subject to prior appraisal and subsequent reporting through the mid-year or annual reporting mechanism.

3.6 Debt Rescheduling

As short term borrowing rates will be considerably cheaper than longer term fixed interest rates, there may be potential opportunities to generate savings by switching from long term debt to short term debt. However, these savings will need to be considered in the light of the current treasury position and the size of the cost of debt repayment (premiums incurred).

The reasons for any rescheduling to take place will include:

- * the generation of cash savings and / or discounted cash flow savings;
- * helping to fulfil the treasury strategy; and

- * enhance the balance of the portfolio (amend the maturity profile and/or the balance of volatility).

Consideration will also be given to identifying if there is any residual potential for making savings by running down investment balances to repay debt prematurely as short term rates on investments are likely to be lower than rates paid on current debt.

All rescheduling will be reported to the Council, at the earliest meeting following its action.

3.7 Municipal Bond Agency

It is possible that the Municipal Bond Agency will be offering loans to local authorities in the future. The Agency hopes that the borrowing rates will be lower than those offered by the Public Works Loan Board (PWLB). The Council may make use of this new source of borrowing as and when appropriate.

4. ANNUAL INVESTMENT STRATEGY

4.1 Investment Policy

The Council's investment policy has regard to the CLG's Guidance on Local Government Investments ("the Guidance") and the CIPFA Treasury Management in Public Services Code of Practice and Cross Sectoral Guidance Notes 2017 ("the CIPFA TM Code"). The Council's investment priorities will be security first, portfolio liquidity second, then return.

In accordance with the above guidance from the CLG and CIPFA, and in order to minimise the risk to investments, the Council applies minimum acceptable credit criteria in order to generate a list of highly creditworthy counterparties which also enables diversification and thus avoidance of concentration risk. The key ratings used to monitor counterparties are the Short Term and Long Term ratings.

Ratings will not be the sole determinant of the quality of an institution; it is important to continually assess and monitor the financial sector on both a micro and macro basis and in relation to the economic and political environments in which institutions operate. The assessment will also take account of information that reflects the opinion of the markets. To achieve this consideration the Council will engage with its advisors to maintain a monitor on market pricing such as "credit default swaps" and overlay that information on top of the credit ratings.

Other information sources used will include the financial press, share price and other such information pertaining to the banking sector in order to establish the most robust scrutiny process on the suitability of potential investment counterparties.

Investment instruments identified for use in the financial year are listed in Annex 4 under the 'specified' and 'non-specified' investments categories. Counterparty limits will be as set through the Council's Treasury Management Practices – schedules.

4.2 Creditworthiness Policy

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

- Credit watches and credit outlooks from credit rating agencies;
- CDS spreads to give early warning of likely changes in credit ratings;
- Sovereign ratings to select counterparties from only the most creditworthy countries.

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

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

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

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

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

All credit ratings will be monitored on a daily basis/as and when notified. The Council is alerted to changes to ratings of all three agencies through its use of the Link Asset Services' creditworthiness service:

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

Sole reliance will not be placed on the use of this external service. In addition this Council will also use market data, market information and information on any external support for banks, to help support its decision making process.

Counterparty	Colour (and long term rating where applicable)	Money and/or % Limit	Time Limit
Banks/Building Societies *	yellow	£10m	5yrs
Banks/Building Societies	purple	£10m	2 yrs
Banks/Building Societies	orange	£10m	1 yr
Banks – part nationalised	blue	£10m	1 yr
Banks/Building Societies	red	£10m	6 mths
Banks/Building Societies	green	£10m	100 days
Banks/Building Societies	No colour	Not to be used	
Council's banker (where "No Colour")	No colour	£2m	1 day
DMADF	UK sovereign rating	£10m	6 months
Local authorities	n/a	£10m	5yrs
Counterparty	Fund rating	Money and/or % Limit	Time Limit
Money Market Funds CNAV	AAA	£10m	liquid
Money Market Funds LVNAV	AAA	£10m	liquid
Money Market Funds VNAV	AAA	£10m	liquid

* Please note: the yellow colour category is for UK Government debt, or its equivalent, money market funds and collateralised deposits where the collateral is UK Government debt – see Annex 4.

4.3 Country Limits

The Council has determined that it will only use approved counterparties from countries with a minimum sovereign credit rating of 'AA –' from Fitch (or equivalent). The list of countries that qualify using this credit criteria as at the date of this report are shown in Annex 5. This list will be added to, or deducted from, by officers should ratings change in accordance with this policy.

4.4 Investment Strategy

In-house funds. Investments will be made with reference to the core balance and cash flow requirements and the outlook for short-term interest rates (i.e. rates for investments up to 12 months).

Investment Returns Expectations. Bank Rate is forecast to stay flat at 0.50% until quarter 4 2018 and not to rise above 1.25% by quarter 1 2021. Bank Rate forecasts for financial year ends (March) are:

- 2017/18 0.50%
- 2018/19 0.75%
- 2019/20 1.00%
- 2020/21 1.25%

The suggested budgeted investment earnings rates for returns on investments placed for periods up to about three months during each financial year are as follows:

Year	Now
2017/18	0.40%
2018/19	0.60%
2019/20	0.90%
2020/21	1.25%
2021/22	1.50%
2022/23	1.75%
2023/24	2.00%
Later Years	2.75%

The overall balance of risks to these forecasts is currently skewed to the upside and are dependent on how strong GDP growth turns out, how quickly inflation pressures rise and how quickly the Brexit negotiations move forward positively.

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

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

Maximum principal sums invested > 365 days			
Treasury Indicator	2018/19 £m	2019/20 £m	2020/21 £m
Principal sums invested > 365 days	20.000	20.000	20.000

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

4.5 Investment Risk Benchmarking

This Council will use an investment benchmark to assess the investment performance of its investment portfolio of 3 month LIBID.

4.6 End of year investment report

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

5. ANNEXES

1. Prudential and Treasury Indicators and MRP Statement
2. Interest Rate Forecasts
3. Economic Background
4. TMP 1 Credit & Counterparty Risk Management
5. Approved Countries for investments
6. Treasury Management Scheme of Delegation
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ANNEX 1

THE CAPITAL PRUDENTIAL AND TREASURY INDICATORS 2018/19 – 2020/21 AND MRP STATEMENT

The Council's capital expenditure plans are the key driver of treasury management activity. The output of the capital expenditure plans is reflected in the prudential indicators, which are designed to assist members' overview and confirm capital expenditure plans.

1 Capital expenditure

A breakdown of capital expenditure by Directorate is detailed within the Performance Healthcheck reported quarterly to Cabinet.

2 Minimum Revenue Provision (MRP) Policy Statement

The Council is required to pay off an element of the accumulated General Fund Capital spend each year (the CFR) through a revenue charge (the Minimum Revenue Provision – MRP), although it is also allowed to undertake additional voluntary payments if required (voluntary revenue provision - VRP).

CLG Regulations have been issued which require the full Council to approve **an MRP Statement** in advance of each year. A variety of options are provided to councils, so long as there is a prudent provision. The Council is recommended to approve the following MRP Statement:

For Capital Expenditure incurred before 1 April 2008 or which in the future will be Supported Capital Expenditure, the MRP policy will be:

- **Existing practice** - MRP will follow the existing practice outlined in former DCLG regulations (option 1);

This option provides for an approximate 4% reduction in the borrowing need (CFR) each year.

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

- **Asset Life Method** – MRP will be based on the estimated life of the assets, in accordance with the regulations (this option must be applied for any expenditure capitalised under a Capitalisation Direction) (option 3);

This option provides for a reduction in the borrowing need over approximately the asset's life.

There is no requirement on the HRA to make a minimum revenue provision but there is a requirement for a charge for depreciation to be made (although there are transitional arrangements in place).

3 Affordability Prudential Indicators

The previous sections cover the overall capital and control of borrowing prudential indicators, but within this framework prudential indicators are required to assess the affordability of the capital investment plans. These provide an indication of the impact of the capital investment plans on the Council's overall finances. The Council is asked to approve the following indicators:

a) Ratio of financing costs to net revenue stream.

This indicator identifies the trend in the cost of capital (borrowing and other long term obligation costs net of investment income) against the net revenue stream (net cost of services).

Ratio of financing costs to net revenue stream.	2016/17 Actual %	2017/18 Estimate %	2018/19 Estimate %	2019/20 Estimate %	2020/21 Estimate %
Non-HRA	(3.49)%	(2.45)%	(2.55)%	(4.27)%	(5.11)%
HRA	37.84%	38.75%	39.71%	40.56%	39.47%

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

b) Housing Revenue Account Debt Ratios

HRA Debt to Revenue Ratio	2016/17 Actual	2017/18 Estimate	2018/19 Estimate	2019/20 Estimate	2020/21 Estimate
HRA Debt £m *	68.041	68.041	75.255	75.255	75.255
HRA Revenues £m	18.451	17.979	17.755	17.449	17.822
Ratio of Debt to Revenues %	369	378	424	431	422

HRA Debt per Dwelling	2016/17 Actual	2017/18 Estimate	2018/19 Estimate	2019/20 Estimate	2020/21 Estimate
HRA Debt £m	68.041	68.041	75.255	75.255	75.255
Number of HRA Dwellings	4,380	4,316	4,238	4,344	4,309
Debt per Dwelling £'000	15.536	15.767	17.759	17.326	17.467

* The HRA's notional debt borrowing requirement

4 Treasury Indicators for Debt

There are three debt related treasury activity limits. The purpose of these are to restrain the activity of the treasury function within certain limits, thereby managing risk and reducing the impact of any adverse movement in interest rates. However, if these are set to be too restrictive they will impair the opportunities to reduce costs / improve performance. The indicators are:

- Upper limits on variable interest rate exposure. This identifies a maximum limit for variable interest rates based upon the debt position net of investments;
- Upper limits on fixed interest rate exposure. This is similar to the previous indicator and covers a maximum limit on fixed interest rates;
- Maturity structure of borrowing. These gross limits are set to reduce the Council's exposure to large fixed rate sums falling due for refinancing, and are required for upper and lower limits.

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

Interest Rate Exposure	2018/19 £m Upper	2019/20 £m Upper	2020/21 £m Upper
Limits on Fixed Interest Rates based on net debt	30.003	31.052	32.507
Limits on Variable Interest Rates based on net debt	6.306	6.306	6.306

Variable interest rate debt cannot exceed 10% of gross debt.

Maturity structure of Fixed Interest Rate borrowing 2018/19		
Timeline	Lower	Upper
Under 12 months	0%	20%
12 months to 2 years	0%	20%
2 years to 5 years	0%	25%
5 years to 10 years	0%	75%
10 years and above	0%	100%

Maturity structure of Variable Interest Rate borrowing 2018/19		
Timeline	Lower	Upper
Under 12 months	0%	20%
12 months to 2 years	0%	20%
2 years to 5 years	0%	25%
5 years to 10 years	0%	75%
10 years and above	0%	100%

ANNEX 2 INTEREST RATE FORECASTS 2017 – 2021

PWLB forecasts are based on PWLB certainty rates.

Link Asset Services Interest Rate View														
	Dec-17	Mar-18	Jun-18	Sep-18	Dec-18	Mar-19	Jun-19	Sep-19	Dec-19	Mar-20	Jun-20	Sep-20	Dec-20	Mar-21
Bank Rate View	0.50%	0.50%	0.50%	0.50%	0.50%	0.75%	0.75%	0.75%	0.75%	1.00%	1.00%	1.00%	1.25%	1.25%
3 Month LIBID	0.40%	0.40%	0.40%	0.40%	0.60%	0.60%	0.60%	0.70%	0.90%	0.90%	1.00%	1.20%	1.20%	1.20%
6 Month LIBID	0.50%	0.50%	0.50%	0.60%	0.80%	0.80%	0.80%	0.90%	1.00%	1.00%	1.10%	1.30%	1.30%	1.40%
12 Month LIBID	0.70%	0.80%	0.80%	0.90%	1.00%	1.00%	1.10%	1.10%	1.30%	1.30%	1.40%	1.50%	1.50%	1.60%
5yr PWLB Rate	1.50%	1.60%	1.60%	1.70%	1.80%	1.80%	1.90%	1.90%	2.00%	2.10%	2.10%	2.20%	2.30%	2.30%
10yr PWLB Rate	2.10%	2.20%	2.30%	2.40%	2.40%	2.50%	2.60%	2.60%	2.70%	2.70%	2.80%	2.90%	2.90%	3.00%
25yr PWLB Rate	2.80%	2.90%	3.00%	3.00%	3.10%	3.10%	3.20%	3.20%	3.30%	3.40%	3.50%	3.50%	3.60%	3.60%
50yr PWLB Rate	2.50%	2.60%	2.70%	2.80%	2.90%	2.90%	3.00%	3.00%	3.10%	3.20%	3.30%	3.30%	3.40%	3.40%
Bank Rate														
Link Asset Services	0.50%	0.50%	0.50%	0.50%	0.50%	0.75%	0.75%	0.75%	0.75%	1.00%	1.00%	1.00%	1.25%	1.25%
Capital Economics	0.50%	0.50%	0.75%	1.00%	1.25%	1.25%	1.50%	1.50%	1.75%	-	-	-	-	-
5yr PWLB Rate														
Link Asset Services	1.50%	1.60%	1.60%	1.70%	1.80%	1.80%	1.90%	1.90%	2.00%	2.10%	2.10%	2.20%	2.30%	2.30%
Capital Economics	1.70%	1.90%	2.30%	2.60%	2.90%	2.90%	2.90%	2.90%	2.90%	-	-	-	-	-
10yr PWLB Rate														
Link Asset Services	2.10%	2.20%	2.30%	2.40%	2.40%	2.50%	2.60%	2.60%	2.70%	2.70%	2.80%	2.90%	2.90%	3.00%
Capital Economics	2.30%	2.60%	2.80%	3.10%	3.30%	3.30%	3.30%	3.30%	3.30%	-	-	-	-	-
25yr PWLB Rate														
Link Asset Services	2.80%	2.90%	3.00%	3.00%	3.10%	3.10%	3.20%	3.20%	3.30%	3.40%	3.50%	3.50%	3.60%	3.60%
Capital Economics	2.95%	3.15%	3.45%	3.65%	3.90%	3.90%	3.90%	3.90%	3.90%	-	-	-	-	-
50yr PWLB Rate														
Link Asset Services	2.50%	2.60%	2.70%	2.80%	2.90%	2.90%	3.00%	3.00%	3.10%	3.20%	3.30%	3.30%	3.40%	3.40%
Capital Economics	2.80%	3.10%	3.30%	3.60%	3.80%	3.80%	3.80%	3.80%	3.80%	-	-	-	-	-

ANNEX 3 ECONOMIC BACKGROUND

GLOBAL OUTLOOK. **World growth** looks to be on an encouraging trend of stronger performance, rising earnings and falling levels of unemployment. In October, the IMF upgraded its forecast for world growth from 3.2% to 3.6% for 2017 and 3.7% for 2018.

In addition, **inflation prospects are generally muted** and it is particularly notable that **wage inflation** has been subdued despite unemployment falling to historically very low levels in the UK and US. This has led to many comments by economists that there appears to have been a fundamental shift downwards in the Phillips curve (this plots the correlation between levels of unemployment and inflation e.g. if the former is low the latter tends to be high). In turn, this raises the question of what has caused this? The likely answers probably lay in a combination of a shift towards flexible working, self-employment, falling union membership and a consequent reduction in union power and influence in the economy, and increasing globalisation and specialisation of individual countries, which has meant that labour in one country is in competition with labour in other countries which may be offering lower wage rates, increased productivity or a combination of the two. In addition, technology is probably also exerting downward pressure on wage rates and this is likely to grow with an accelerating movement towards automation, robots and artificial intelligence, leading to many repetitive tasks being taken over by machines or computers. Indeed, this is now being labelled as being the start of the **fourth industrial revolution**.

KEY RISKS - central bank monetary policy measures

Looking back on nearly ten years since the financial crash of 2008 when liquidity suddenly dried up in financial markets, it can be assessed that central banks' monetary policy measures to counter the sharp world recession were successful. The key monetary policy measures they used were a combination of lowering central interest rates and flooding financial markets with liquidity, particularly through unconventional means such as Quantitative Easing (QE), where central banks bought large amounts of central government debt and smaller sums of other debt.

The key issue now is that that period of stimulating economic recovery and warding off the threat of deflation is coming towards its close and a new period has already started in the US, and more recently in the UK, on reversing those measures i.e. by raising central rates and (for the US) reducing central banks' holdings of government and other debt. These measures are now required in order to stop the trend of an on-going reduction in spare capacity in the economy, and of unemployment falling to such low levels that the re-emergence of inflation is viewed as a major risk. It is, therefore, crucial that central banks get their timing right and do not cause shocks to market expectations that could destabilise financial markets. In particular, a key risk is that because QE-driven purchases of bonds drove up the price of government debt, and therefore caused a sharp drop in income yields, this then also encouraged investors into a search for yield and into investing in riskier assets such as equities. This resulted in bond markets and equity market prices both rising to historically high valuation levels simultaneously. This, therefore, makes both asset categories vulnerable to a sharp correction. It is important, therefore, that central banks only gradually unwind their holdings of bonds in order to prevent destabilising the financial markets. It is also likely that the timeframe for central banks unwinding their holdings of QE debt purchases will be over several years. They need to balance their timing to neither squash economic recovery by taking too rapid and too strong action, or, alternatively, let inflation run away by taking action that was too slow and/or too weak. **The potential for central banks to get this timing and strength of action wrong are now key risks.**

There is also a potential key question over whether economic growth has become too dependent on strong central bank stimulus and whether it will maintain its momentum against a backdrop of rising interest rates and the reversal of QE. In the UK, a key vulnerability is the **low level of productivity growth**, which may be the main driver for increases in wages; and **decreasing consumer disposable income**, which is important in the context of consumer expenditure primarily underpinning UK GDP growth.

A further question that has come to the fore is whether **an inflation target for central banks of 2%**, is now realistic given the shift down in inflation pressures from internally generated inflation, (i.e. wage inflation feeding through into the national economy), given the above mentioned shift down in the Phillips curve.

- Some economists favour a shift to a **lower inflation target of 1%** to emphasise the need to keep the lid on inflation. Alternatively, it is possible that a central bank could simply 'look through' tepid wage inflation, (i.e. ignore the overall 2% inflation target), in order to take action in raising rates sooner than might otherwise be expected.
- However, other economists would argue for a **shift UP in the inflation target to 3%** in order to ensure that central banks place the emphasis on maintaining economic growth through adopting a slower pace of withdrawal of stimulus.
- In addition, there is a strong argument that central banks should **target financial market stability**. As mentioned previously, bond markets and equity markets could be vulnerable to a sharp correction. There has been much commentary, that since 2008, QE has caused massive distortions, imbalances and bubbles in asset prices, both financial and non-financial. Consequently, there are widespread concerns at the potential for such bubbles to be burst by exuberant central bank action. On the other hand, too slow or weak action would allow these imbalances and distortions to continue or to even inflate them further.
- Consumer debt levels are also at historically high levels due to the prolonged period of low cost of borrowing since the financial crash. In turn, this cheap borrowing has meant that **other non-financial asset prices**, particularly house prices, have been driven up to very high levels, especially compared to income levels. Any sharp downturn in the availability of credit, or increase in the cost of credit, could potentially destabilise the housing market and generate a sharp downturn in house prices. This could then have a destabilising effect on consumer confidence, consumer expenditure and GDP growth. However, no central bank would accept that it ought to have responsibility for specifically targeting house prices.

UK. After the UK surprised on the upside with strong economic growth in 2016, **growth in 2017 has been disappointingly weak**; quarter 1 came in at only +0.3% (+1.8% y/y), quarter 2 was +0.3% (+1.5% y/y) and quarter 3 was +0.4% (+1.5% y/y). The main reason for this has been the sharp increase in inflation, caused by the devaluation of sterling after the EU referendum, feeding increases in the cost of imports into the economy. This has caused, in turn, a reduction in consumer disposable income and spending power and so the services sector of the economy, accounting for around 80% of GDP, has seen weak growth as consumers cut back on their expenditure. However, more recently there have been encouraging statistics from the **manufacturing sector** which is seeing strong growth, particularly as a result of increased demand for exports. It has helped that growth in the EU, our main trading partner, has improved significantly over the last year while robust world growth has also been supportive. However, this sector only accounts for around 10% of GDP so expansion in this sector will have a much more muted effect on the overall GDP growth figure for the UK economy as a whole.

While the Bank of England is expected to give forward guidance to prepare financial markets for gradual changes in policy, the **Monetary Policy Committee, (MPC), meeting of 14 September 2017** managed to shock financial markets and forecasters by suddenly switching to a much more aggressive tone in terms of its words around warning that Bank Rate will need to rise soon. The Bank of England Inflation Reports during 2017 have clearly flagged up that it expected CPI inflation

to peak at just under 3% in 2017, before falling back to near to its target rate of 2% in two years' time. The Bank revised its forecast for the peak to just over 3% at the 14 September meeting. (Inflation actually came in at 3.1% in November so that may prove now to be the peak.) This marginal revision in the Bank's forecast can hardly justify why the MPC became so aggressive with its wording; rather, the focus was on an emerging view that with unemployment having already fallen to only 4.3%, the lowest level since 1975, and improvements in productivity being so weak, that **the amount of spare capacity in the economy was significantly diminishing** towards a point at which they now needed to take action. In addition, the MPC took a more tolerant view of low wage inflation as this now looks like a common factor in nearly all western economies as a result of automation and globalisation. However, the Bank was also concerned that the withdrawal of the UK from the EU would effectively lead to a *decrease* in such globalisation pressures in the UK, and so this would cause additional inflationary pressure over the next few years.

At Its 2 November meeting, the MPC duly delivered a 0.25% increase in Bank Rate. It also gave forward guidance that they expected to increase Bank Rate only twice more in the next three years to reach 1.0% by 2020. This is, therefore, not quite the 'one and done' scenario but is, nevertheless, a very relaxed rate of increase prediction in Bank Rate in line with previous statements that Bank Rate would only go up very gradually and to a limited extent.

However, some forecasters are flagging up that they expect growth to accelerate significantly towards the end of 2017 and then into 2018. This view is based primarily on the coming fall in inflation, (as the effect of the effective devaluation of sterling after the EU referendum drops out of the CPI statistics), which will bring to an end the negative impact on consumer spending power. In addition, a strong export performance will compensate for weak services sector growth. If this scenario was indeed to materialise, then the MPC would be likely to accelerate its pace of increases in Bank Rate during 2018 and onwards.

It is also worth noting the **contradiction within the Bank of England** between action in 2016 and in 2017 **by two of its committees**. After the shock result of the EU referendum, the **Monetary Policy Committee (MPC)** voted in August 2016 for emergency action to cut Bank Rate from 0.50% to 0.25%, restarting £70bn of QE purchases, and also providing UK banks with £100bn of cheap financing. The aim of this was to lower borrowing costs, stimulate demand for borrowing and thereby increase expenditure and demand in the economy. The MPC felt this was necessary in order to ward off their expectation that there would be a sharp slowdown in economic growth. Instead, the economy grew robustly, although the Governor of the Bank of England strongly maintained that this was *because* the MPC took that action. However, other commentators regard this emergency action by the MPC as being proven by events to be a mistake. Then in 2017, we had the **Financial Policy Committee (FPC)** of the Bank of England taking action in June and September over its concerns that cheap borrowing rates, and easy availability of consumer credit, had resulted in too rapid a rate of growth in consumer borrowing and in the size of total borrowing, especially of unsecured borrowing. It, therefore, took punitive action to clamp down on the ability of the main banks to extend such credit! Indeed, a PWC report in October 2017 warned that credit card, car and personal loans and student debt will hit the equivalent of an average of £12,500 per household by 2020. However, averages belie wide variations in levels of debt with much higher exposure being biased towards younger people, especially the 25 -34 year old band, reflecting their lower levels of real income and asset ownership.

One key area of risk is that consumers may have become used to cheap rates since 2008 for borrowing, especially for mortgages. It is a major concern that **some consumers may have over extended their borrowing** and have become complacent about interest rates going up after Bank Rate had been unchanged at 0.50% since March 2009 until falling further to 0.25% in August 2016. This is why forward guidance from the Bank of England continues to emphasise slow and gradual increases in Bank Rate in the coming years. However, consumer borrowing is a particularly vulnerable area in terms of the Monetary Policy Committee getting the pace and strength of Bank

Rate increases right - without causing a sudden shock to consumer demand, confidence and thereby to the pace of economic growth.

Moreover, while there is so much uncertainty around the Brexit negotiations, consumer confidence, and business confidence to spend on investing, it is far too early to be confident about how the next two to three years will actually pan out.

EZ. Economic growth in the eurozone (EZ), (the UK's biggest trading partner), had been lack lustre for several years after the financial crisis despite the ECB eventually cutting its main rate to -0.4% and embarking on a massive programme of QE. However, growth picked up in 2016 and has now gathered substantial strength and momentum thanks to this stimulus. GDP growth was 0.6% in quarter 1 (2.1% y/y), 0.7% in quarter 2 (2.4% y/y) and +0.6% in quarter 3 (2.6% y/y). However, despite providing massive monetary stimulus, the European Central Bank is still struggling to get inflation up to its 2% target and in November inflation was 1.5%. It is therefore unlikely to start on an upswing in rates until possibly 2019. It has, however, announced that it will slow down its monthly QE purchases of debt from €60bn to €30bn from January 2018 and continue to at least September 2018.

USA. Growth in the American economy was notably erratic and volatile in 2015 and 2016. 2017 is following that path again with quarter 1 coming in at only 1.2% but quarter 2 rebounding to 3.1% and quarter 3 coming in at 3.2%. Unemployment in the US has also fallen to the lowest level for many years, reaching 4.1%, while wage inflation pressures, and inflationary pressures in general, have been building. The Fed has started on a gradual upswing in rates with four increases in all and four increases since December 2016; the latest rise was in December 2017 and lifted the central rate to 1.25 – 1.50%. There could then be another four increases in 2018. At its September meeting, the Fed said it would start in October to gradually unwind its \$4.5 trillion balance sheet holdings of bonds and mortgage backed securities by reducing its reinvestment of maturing holdings.

CHINA. Economic growth has been weakening over successive years, despite repeated rounds of central bank stimulus; medium term risks are increasing. Major progress still needs to be made to eliminate excess industrial capacity and the stock of unsold property, and to address the level of non-performing loans in the banking and credit systems.

JAPAN. GDP growth has been gradually improving during 2017 to reach an annual figure of 2.1% in quarter 3. However, it is still struggling to get inflation up to its target of 2%, despite huge monetary and fiscal stimulus. It is also making little progress on fundamental reform of the economy.

ANNEX 4 TREASURY MANAGEMENT PRACTICE (TMP1) CREDIT AND COUNTERPARTY RISK MANAGEMENT

SPECIFIED INVESTMENTS: All such investments will be sterling denominated investments with maturities up to maximum of 1 year, meeting the minimum 'high' quality criteria where applicable.

NON-SPECIFIED INVESTMENTS: These are investments which do not meet the specified investment criteria.

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

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

Counterparty	Minimum credit criteria / colour band	£ limit per institution	Max. maturity period
DMADF – UK Government	N/A	£10m	6 months
UK Government gilts	UK sovereign rating	£10m	12 months
UK Government Treasury bills	UK sovereign rating	£10m	12 months
Bonds issued by multilateral development banks	AAA (or state your criteria if different)	£10m	6 months
Money Market Funds CNAV	AAA	£10m	Liquid
Money Market Funds LVAV	AAA	£10m	Liquid
Money Market Funds VNAV	AAA	£10m	Liquid
Local authorities	N/A	£10m	12 months
Term deposits with banks and building societies	Blue Orange Red Green No Colour	£10m	12 months 12 months 6 months 100 days Not for use
CDs or corporate bonds with banks and building societies	Blue Orange Red Green No Colour	£10m	12 months 12 months 6 months 100 days Not for use
Gilt funds	UK sovereign rating	£10m	

Counterparty	Minimum credit criteria / colour band	£ limit per institution	Max. maturity period
UK Part Nationalised Banks	Blue	£10m	
Non-Specified Investments			
Property Funds - the use of these instruments can be deemed as capital expenditure and as such will be an application (spending) of capital resources		£10m	Limit will be set based on level of reserves and balances going forward and appropriate due diligence will be undertaken before investment of this type
Wider Investment Funds - the use of these instruments can be deemed as capital expenditure and as such will be an application (spending) of capital resources		£10m	Limit will be set based on level of reserves and balances going forward and appropriate due diligence will be undertaken before investment of this type

Accounting treatment of investments. The accounting treatment may differ from the underlying cash transactions arising from investment decisions made by this Council. To ensure that the Council is protected from any adverse revenue impact, which may arise from these differences, we will review the accounting implications of new transactions before they are undertaken.

ANNEX 5 APPROVED COUNTRIES FOR INVESTMENT

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

AAA

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

AA+

- Finland
- Hong Kong
- U.S.A.

AA

- Abu Dhabi (UAE)
- France
- U.K.*

AA-

- Belgium
- Qatar

(Per Link Asset Services 15/1/18)

* At its meeting of the 15th September 2009, full Council approved a recommendation that;

'authorises the use of institutions currently supported by the UK Government should its Sovereign rating be downgraded below the current requirement for a 'AAA' rating by all three rating agencies'

this approval continues to form part of the strategy in 2018/19.

ANNEX 6 TREASURY MANAGEMENT SCHEME OF DELEGATION

(i) Full Council

- receiving and reviewing reports on Treasury Management policies, practices and activities.
- approval of annual strategy.
- approval of/amendments to the organisation's adopted clauses, Treasury Management Policy statement and Treasury Management practices.
- budget consideration and approval.
- approval of the division of responsibilities.
- receiving and reviewing regular monitoring reports and acting on recommendations.

(ii) Cabinet

- receiving and reviewing Treasury Management policy statement and Treasury Management practices and making recommendations to the full Council.
- receiving and reviewing regular monitoring reports and making recommendations to the full Council.
- approving the selection of external service providers and agreeing terms of appointment.

(iii) Audit and Governance Committee

- reviewing the Treasury Management policy and procedures and making recommendations to the Cabinet.
- receiving and reviewing regular monitoring and making recommendations to the Cabinet.

ANNEX 7 THE TREASURY MANAGEMENT ROLE OF THE SECTION 151 OFFICER

The S151 (responsible) Officer

- **recommending clauses, treasury management policy/practices for approval, reviewing the same regularly, and monitoring compliance**
- **submitting regular treasury management policy reports**
- **submitting budgets and budget variations**
- **receiving and reviewing management information reports**
- **reviewing the performance of the treasury management function**
- **ensuring the adequacy of treasury management resources and skills, and the effective division of responsibilities within the treasury management function**
- **ensuring the adequacy of internal audit, and liaising with external audit**
- **recommending the appointment of external service providers**

Additionally, from 2018/19 (however, Cipfa have stated if local authorities consider that they will not be able to implement the changes to the indicators in full for the 2018/19 financial year, CIPFA would recommend that the changes be made to the reporting of these treasury management indicators as soon as reasonably possible. The changes will be fully implemented from 1 April 2019):

- preparation of a capital strategy to include capital expenditure, capital financing, non-financial investments and treasury management, with a long term timeframe ensuring that the capital strategy is prudent, sustainable, affordable and prudent in the long term and provides value for money
- ensuring that due diligence has been carried out on all treasury and non-financial investments and is in accordance with the risk appetite of the authority
- ensuring that the authority has appropriate legal powers to undertake expenditure on non-financial assets and their financing
- ensuring the proportionality of all investments so that the authority does not undertake a level of investing which exposes the authority to an excessive level of risk compared to its financial resources
- ensuring that an adequate governance process is in place for the approval, monitoring and ongoing risk management of all non-financial investments and long term liabilities
- provision to members of a schedule of all non-treasury investments including material investments in subsidiaries, joint ventures, loans and financial guarantees ensuring that members are adequately informed and understand the risk exposures taken on by an authority
- ensuring that the authority has adequate expertise, either in house or externally provided, to carry out the above
- creation of Treasury Management Practices which specifically deal with how non treasury investments will be carried out and managed, to include the following -
 - Risk management (TMP1), including investment and risk management criteria for any material non-treasury investment portfolios;
 - Performance measurement and management (TMP2), including methodology and criteria for assessing the performance and success of non-treasury investments;
 - Decision making, governance and organisation (TMP5), including a statement of the governance requirements for decision making in relation to non-treasury investments; and arrangements to ensure that appropriate professional due diligence is carried out to support decision making;

- Reporting and management information (TMP6), including where and how often monitoring reports are taken;
- Training and qualifications (TMP10), including how the relevant knowledge and skills in relation to non-treasury investments will be arranged.

TREASURY MANAGEMENT PRACTICES

The Treasury Management Practices document (TMPs) forms detailed operational procedures and processes for the Treasury Management function. This document can be found on the Council's Internet by following the following link;

<http://www.tamworth.gov.uk/treasury-practices>

and clicking on the TMPs folder.

The items below are summaries of the individual TMPs which the Council has to produce and adopt under the Treasury Code of Practice.

TMP1 : RISK MANAGEMENT

General Statement

The Section 151 Officer will design, implement and monitor all arrangements for the identification, management and control of Treasury Management risk; will report at least annually on the adequacy / suitability of the arrangements and will report, as a matter of urgency, the circumstances of any actual or likely difficulty in achieving the Council's objectives. The reports will be in accordance with the procedures contained in TMP6.

1.1 Credit and Counterparty Risk Management

Credit and counter-party risk is the risk of failure by a counterparty to meet its contractual obligations to the organisation under an investment, borrowing, capital project or partnership financing, particularly as a result of the counterparty's diminished creditworthiness, and the resulting detrimental effect on the organisation's capital or current (revenue) resources.

This organisation regards a key objective of its Treasury Management activities to be the security of the principal sums it invests. Accordingly, it will ensure that its counterparty lists and limits reflect a prudent attitude towards organisations with which funds may be deposited, and will limit its investment activities to the instruments, methods and techniques referred to in TMP4 Approved Instruments Methods and Techniques and detailed in the TMP Operational document.

It also recognises the need to have, and will therefore maintain, a formal counterparty policy in respect of those organisations from which it may borrow, or with whom it may enter into other financing arrangements.

1.2 Liquidity Risk Management

This is the risk that cash will not be available when it is needed, that ineffective management of liquidity creates additional unbudgeted costs, and that the organisation's business/service objectives will be thereby compromised.

This organisation will ensure it has adequate though not excessive cash resources, borrowing arrangements, overdraft or standby facilities to enable it at all times to have the level of funds available to it which are necessary for the achievement of its business/service objectives. This organisation will only borrow in advance of need where there is a clear business case for doing so and will only do so for the current capital programme or to finance future debt maturities.

1.3 Interest Rate Risk Management

The risk that fluctuations in the levels of interest rates create an unexpected or unbudgeted burden on the organisation's finances, against which the organisation has failed to protect itself adequately.

This organisation will manage its exposure to fluctuations in interest rates with a view to containing its interest costs, or securing its interest revenues, in accordance with the amounts provided in its budgetary arrangements as amended in accordance with TMP6 Reporting requirements and management information arrangements.

It will achieve this by the prudent use of its approved financing and investment instruments, methods and techniques, primarily to create stability and certainty of costs and revenues, but at the same time retaining a sufficient degree of flexibility to take advantage of unexpected, potentially advantageous changes in the level or structure of interest rates. This should be the subject to the consideration and, if required, approval of any policy or budgetary implications.

1.4 Exchange Rate Risk Management

The risk that fluctuations in foreign exchange rates create an unexpected or unbudgeted burden on the organisation's finances, against which the organisation has failed to protect itself adequately.

The Council will manage its exposure to fluctuations in exchange rates so as to minimise any detrimental impact on its budgeted income/expenditure levels.

1.5 Inflation Rate Risk Management

Inflation risk, also called purchasing power risk, is the chance that cash flows from an investment won't be worth as much in the future because of changes in purchasing power due to inflation.

The organization will keep under review the sensitivity of its treasury assets and liabilities to inflation, and will seek to manage the risk accordingly in the context of the whole organisation's inflation exposures.

1.6 Refinancing Risk Management

The risk that maturing borrowings, capital, project or partnership financings cannot be refinanced on terms that reflect the provisions made by the organisation for those refinancings, both capital and current (revenue), and/or that the terms are inconsistent with prevailing market conditions at the time.

This organisation will ensure that its borrowing, private financing and partnership arrangements are negotiated, structured and documented, and the maturity profile of the monies so raised is managed, with a view to obtaining offer terms for renewal or refinancing, if required, which are competitive and as favourable to the organisation as can reasonably be achieved in the light of market conditions prevailing at the time.

It will actively manage its relationships with its counterparties in these transactions in such a manner as to secure this objective, and will avoid over reliance on any one source of funding if this might jeopardise achievement of the above.

1.7 Legal and Regulatory Risk Management

The risk that the organisation itself, or an organisation with which it is dealing in its Treasury Management activities, fails to act in accordance with its legal powers or regulatory requirements, and that the organisation suffers losses accordingly.

This organisation will ensure that all of its Treasury Management activities comply with its statutory powers and regulatory requirements. It will demonstrate such compliance, if required to do so, to all parties with whom it deals in such activities. In framing its credit and counterparty policy under TMP1[1] credit and counterparty risk management, it will ensure that there is evidence of counterparties' powers, Council and compliance in respect of the transactions they may effect with the organisation, particularly with regard to duty of care and fees charged.

This organisation recognises that future legislative or regulatory changes may impact on its Treasury Management activities and, so far as it is reasonably able to do so, will seek to minimise the risk of these impacting adversely on the organisation.

1.8 Fraud, Error and Corruption, and Contingency Management

The risk that an organisation fails to identify the circumstances in which it may be exposed to the risk of loss through fraud, error, corruption or other eventualities in its Treasury Management dealings, and fails to employ suitable systems and procedures and maintain effective contingency management arrangements to these ends. It includes the area of risk commonly referred to as operational risk.

This organisation will ensure that it has identified the circumstances which may expose it to the risk of loss through fraud, error, corruption or other eventualities in its Treasury Management dealings. Accordingly, it will employ suitable systems and procedures, and will maintain effective contingency management arrangements, to these ends.

The Council will therefore:-

- a) Seek to ensure an adequate division of responsibilities and maintenance at all times of an adequate level of internal check which minimises such risks.
- b) Fully document all its Treasury Management activities so that there can be no possible confusion as to what proper procedures are.
- c) Staff will not be allowed to take up Treasury Management activities until they have had proper training in procedures and are then subject to an adequate and appropriate level of supervision.

Records will be maintained of all Treasury Management transactions so that there is a full audit trail and evidence of the appropriate checks being carried out.

1.9 Price Risk Management

The risk that, through adverse market fluctuations in the value of the principal sums an organisation borrows and invests, its stated Treasury Management policies and objectives are compromised, against which effects it has failed to protect itself adequately.

This organisation will seek to ensure that its stated Treasury Management policies and objectives will not be compromised by adverse market fluctuations in the value of the principal sums it invests, and will accordingly seek to protect itself from the effects of such fluctuations.

TMP2 : PERFORMANCE MEASUREMENT

The Borough Council is committed to the pursuit of best value in its Treasury Management activities, and to the use of performance methodology in support of that aim, within the framework set out in the Treasury Management Policy Statement.

The Treasury Management function will be the subject of ongoing analysis of the value it adds in support of the Council's stated service objectives. It will be the subject of regular

examination of alternative methods of service delivery, of the availability of fiscal, grant or subsidy incentives, and the scope for other potential improvements. The performance of the Treasury Management function will be measured using the criteria set out in the detailed TMP Operational document.

TMP3 : DECISION-MAKING AND ANALYSIS

The Council will maintain full records of its Treasury Management decisions, and of the processes and practices applied in reaching those decisions, both for the purposes of learning from the past, and for demonstrating that reasonable steps were taken to ensure that all issues relevant to those decisions were taken into account at the time. The issues to be addressed and processes and practices to be pursued in reaching decisions are set out in the detailed TMP Operational document.

TMP4 : APPROVED INSTRUMENTS, METHODS AND TECHNIQUES

The Council will undertake its Treasury Management activities by employing only those instruments, methods and techniques set out in the detailed TMP Operational document and within the limits and parameters defined in TMP1.

TMP5 : ORGANISATION, CLARITY AND SEGREGATION OF RESPONSIBILITIES, AND DEALING ARRANGEMENTS

The Council considers it essential, for the purposes of the effective control and monitoring of its Treasury Management activities, for the reduction of risk of fraud or error, and for the pursuit of optimum performance, that these activities are structured and managed in a fully integrated manner, and that there is at all times clarity of Treasury Management responsibilities.

The principle, on which this will be based is the clear distinction between those charged with setting Treasury Management policies and those charged with implementing and controlling these policies, particularly with regard to the execution and transmission of funds, the recording and administering of Treasury Management decisions and the audit and review of the Treasury Management function.

If and when this organisation intends, as a result of lack of resources or other circumstances, to depart from these principals, the Section 151 Officer will ensure that the reasons are properly reported in accordance with TMP6 and the implications properly considered and evaluated.

The Section 151 Officer will ensure that there are clear written statements of the responsibilities for each post engaged in Treasury Management, and the arrangements for absence cover. He will also ensure that at all times those engaged in Treasury Management will follow the policies and procedures set out. The present arrangements are set out in the detailed TMP Operational document.

The Section 151 Officer will ensure that there is proper documentation for all deals and transactions, and that procedures exist for the effective transmission of funds. The present arrangements are set out in the detailed TMP Operational document.

The delegations to the Section 151 Officer in respect of Treasury Management are set out in the detailed TMP Operational document. He will fulfil all such responsibilities in accordance with the Council's policy statement and TMP's and, if a CIPFA member, the Standard of Professional Practice on Treasury Management.

TMP6 : REPORTING REQUIREMENTS AND MANAGEMENT INFORMATION ARRANGEMENTS

The Council will ensure that regular reports are prepared and considered on the implementation of its Treasury Management policies; on the effects of decisions taken and transactions executed in pursuit of those policies; implications of changes, particularly budgetary, resulting from regulatory, economic, market or other factors affecting its Treasury Management activities; and on the performance of the Treasury Management function.

As a minimum Cabinet and Council will receive:

- An annual report on the planned strategy to be pursued in the coming year and the reporting of Prudential Indicators.
- A mid-year review
- An annual report on the performance of the Treasury Management function including the performance against the Prudential Indicators, the effects of the decisions taken and the transactions executed in the past year and on any circumstances of non-compliance with the Council's Treasury Management policy statement and TMPs.

Cabinet will receive regular monitoring reports on Treasury Management activities and risks.

The Audit and Governance Committee will have responsibility for the scrutiny of Treasury Management policies and practices.

The Treasury Management indicators will be considered together with the Treasury Management indicators in the Prudential Code as part of the budget approval process. The present arrangements and the form of these reports are set out in the detailed TMP Operational document.

TMP7 : BUDGETING, ACCOUNTING AND AUDIT ARRANGEMENTS

The Section 151 Officer will prepare and Council will approve and, if necessary, from time to time will amend, an annual budget for Treasury Management, which will bring together all of the costs involved in running the Treasury Management function together with associated income. The matters to be included will at minimum be those required by statute or regulation, together, with such information as will demonstrate compliance with TMP1, TMP2 and TMP4.

The Section 151 Officer will exercise effective controls over this budget and report upon and recommend any changes required in accordance with TMP6.

The Council will account for its Treasury Management activities, for decisions made and transactions executed in accordance with appropriate accounting practices and standards, and with statutory and regulatory requirements in force for the time being.

TMP8 : CASH AND CASH FLOW MANAGEMENT

Unless statutory or regulatory requirements demand otherwise, all monies in the hands of the Council will be under the control of the Section 151 Officer and will be aggregated for cash flow and investment management purposes. Cash flow projections will be prepared on a regular and timely basis and the Section 151 Officer will ensure that these are adequate for the purpose of monitoring compliance with TMP1. The present arrangements for preparing cash flow projections, and their form, are set out in the detailed TMP Operational document.

TMP9 : MONEY LAUNDERING

The Council is alert to the possibility that it may become the subject of an attempt to involve it in a transaction involving the laundering of money. The Council will, therefore, maintain procedures for verifying and recording the identity of counterparties and reporting suspicions, and will ensure that all staff involved are properly trained. The present arrangements, including the name of the officer to whom reports should be made, are set out in the detailed TMP Operational document.

TMP10 : TRAINING AND QUALIFICATIONS

The Council recognises the importance of ensuring that all staff involved in the Treasury Management function are fully equipped to undertake the duties and responsibilities allocated to them. It will seek to appoint individuals, who are both capable and experienced and will provide training for staff to enable them to acquire and maintain an appropriate level of expertise, knowledge and skills. The Section 151 Officer will recommend and implement the necessary arrangements.

The Section 151 Officer will ensure that Council members tasked with Treasury Management responsibilities, including those responsible for scrutiny, have access to training relevant to their needs and those responsibilities.

Those charged with governance recognise their individual responsibility to ensure that they have the necessary skills to complete their role effectively.

TMP11 : USE OF EXTERNAL SERVICE PROVIDERS

The Council recognises that responsibility for the Treasury Management decisions remains with the Council at all times. It recognises that there may be potential value in employing external providers of Treasury Management services, in order to acquire access to specialist skills and resources. When it employs such service providers, it will ensure it does so for reasons, which will have been submitted to a full evaluation of the costs and benefits. Terms of appointment will be properly agreed, documented and subject to regular review. It will ensure, where feasible and necessary, that a spread of service providers is used, to avoid over reliance on one or a small number of companies. Where services are subject to formal tender or re-tender arrangements, legislative requirements will always be observed. The monitoring of such arrangements rests with the Section 151 Officer, and details of the current arrangements are set out in the detailed TMP Operational document.

TMP12 : CORPORATE GOVERNANCE

The Council is committed to the pursuit of proper corporate governance throughout its services, and to establishing the principles and practices by which this can be achieved. Accordingly the Treasury Management function and its activities will be undertaken with openness, transparency, honesty, integrity and accountability.

The Council has adopted and implemented the key recommendations of the Code. This, together with the other arrangements are set out in the detailed TMP Operational document and are considered vital to the achievement of proper governance in Treasury Management, and the Section 151 Officer will monitor and, if and when necessary, report upon the effectiveness of these arrangements.

Treasury Management Glossary of Terms

Bank Rate	The Official Bank rate paid on commercial bank reserves i.e. reserves placed by commercial banks with the Bank of England as part of the Bank's operations to reduce volatility in short term interest rates in the money markets.
Base Rate	Minimum lending rate of a bank or financial institution in the UK.
Capital Financing Requirement	The Council's underlying need for borrowing for a capital purpose.
Counterparty	The organisations responsible for repaying the Council's investment upon maturity and for making interest payments.
Credit Default Swap (CDS)	A specific kind of counterparty agreement which allows the transfer of third party credit risk from one party to the other. One party in the swap is a lender and faces credit risk from a third party, and the counterparty in the credit default swap agrees to insure this risk in exchange for regular periodic payments (essentially an insurance premium). If the third party defaults, the party providing insurance will have to purchase from the insured party the defaulted asset. In turn, the insurer pays the insured the remaining interest on the debt, as well as the principal.
Credit Rating	This is a scoring system that lenders issue organisations with, to determine how credit worthy they are.
Gilts	These are issued by the UK Government in order to finance public expenditure. Gilts are generally issued for a set period and pay a fixed rate of interest for the period.
iTraxx	This is an index published by Markit who are a leading company in CDS pricing and valuation. The index is based on an equal weighting of the CDS spread of 25 European financial companies. Clients can use the iTraxx to see where an institution's CDS spread is relative to that of the market and judge its creditworthiness in that manner, as well as looking at the credit ratings.
Liquidity	An asset is perfectly liquid if one can trade immediately, at a price not worse than the uninformed expected value, the quantity one desires.
Long term	A period of one year or more.
Maturity	The date when an investment is repaid or the period covered by a fixed term investment.

Minimum Revenue Provision	Capital expenditure is generally expenditure on assets which have a life expectancy of more than one year e.g. buildings, vehicles, machinery etc. It would be impractical to charge the entirety of such expenditure to revenue in the year in which it was incurred therefore such expenditure is spread over several years in order to try to match the years over which such assets benefit the local community through their useful life. The manner of spreading these costs is through an annual Minimum Revenue Provision
Monetary Policy Committee (MPC)	Interest rates are set by the Bank's Monetary Policy Committee. The MPC sets an interest rate it judges will enable the inflation target to be met. Their primary target (as set by the Government) is to keep inflation at or around 2%.
Security	An investment instrument, issued by a corporation, government, or other organization which offers evidence of debt or equity.
Short Term	A period of 364 days or less
Supranational Bonds	A supranational entity is formed by two or more central governments with the purpose of promoting economic development for the member countries. Supranational institutions finance their activities by issuing debt, such as supranational bonds. Examples of supranational institutions include the European Investment Bank and the World Bank. Similarly to the government bonds, the bonds issued by these institutions are considered very safe and have a high credit rating.
Treasury Management	The management of the local authority's investments and cash flows, its banking, money market and capital market transactions; the effective control of the risks associated with those activities; and the pursuit of optimum performance consistent with those risks.
Working Capital	Cash and other liquid assets needed to finance the everyday running of a business such as the payment of salaries and purchases.
Yield	The annual rate of return on an investment, expressed as a percentage.

ANNEX 10

PRUDENTIAL INDICATORS – DEFINITIONS / INTERPRETATION

CIPFA's Prudential Code for Capital Finance requires local authorities to prepare Prudential Indicators of their intended capital spending plans for the forthcoming and future years. The indicators are intended to help the decision making process within an authority and must be approved by the full Council before the beginning of the financial year. The indicators are neither comparative statistics nor performance indicators. Different Councils will have different figures reflecting their history and local circumstances.

- 1. Estimate of total capital expenditure to be incurred** – This summarises the Council's current plans for the total capital expenditure over the next 3 years. Details of individual schemes are contained within the capital estimate pages.
- 2. Estimates of Capital Financing Summary** – This details the capital financing sources for the next 3 years.
- 3. Estimated Ratio of financing costs to net revenue stream** - This indicator has been calculated as debt interest, borrowing refinancing costs, minimum revenue provision, depreciation for HRA and net of investment income and divided by the General Fund (GF) budget requirement for the GF element of costs and the total of HRA income for the HRA costs. For GF Account, the indicator has been calculated gross of government support in the form of RSG for the proportion of capital expenditure funded from supported level of borrowing.
- 4. Capital Financing Requirement** – This represents the Council's underlying need to borrow to finance historic capital expenditure and is derived by aggregating specified items from the Council's balance sheet. The actual **net borrowing** is lower than this because of the current strategy to use internal borrowing rather than replace maturing debt.
- 5. Actual External Debt** –This is a key indicator and Section 3 of the Local Government Act 2003 requires the Council to ensure that gross external debt does not, except in the short term, exceed the total of the Capital Financing Requirement in the preceding year plus estimates of any additional capital financing requirement for the current and next two financial years.
- 6. Authorised Borrowing Limit for external debt** - This indicator represents the maximum amount the Council may borrow at any point in time in the year and has to be set at a level the Council considers is **prudent**. It allows for uncertain cash flow movements and borrowing in advance for future requirements. Although the Council does not currently have any finance lease liabilities, a limit has been separately identified for potential future leasing liabilities. The recommended authorised limits for external debt are gross of investments and are consistent with the Council's current commitments, existing plans and the current treasury management policy and strategy. The authorised limit determined for 2018- 19 is the statutory limit determined under section 3(1) of the Local Government Act 2003.
- 7. Operational Boundary for external debt** - The proposed operational boundary for external debt is calculated on the same estimates as the authorised limit but reflects estimates of the most likely, prudent but not worst case scenario, without the additional headroom included within the authorised limit to allow for example for unusual cash movements, and equates to the maximum of external debt projected by this estimate. Within the operational boundary, figures for borrowing and other long term liabilities are separately identified.

8. Treasury Management – these indicators form part of the treasury management strategy and policy statement approved by the Council each year before the beginning of the financial year. The main indicators are:

(a) The adoption of **CIPFA Code of Practice for Treasury Management**, which the Council adopted before the current Prudential System was introduced.

(b) **Interest Rate Exposure** - The approved Treasury Policy Statement and Strategy contains upper and lower limits for fixed and variable interest rate exposure for net outstanding principal sums.

(c) **Maturity Structure of Borrowing** – The approved treasury management strategy also sets out the maturity structure of the Council's borrowing to ensure the Council is not exposed to risks of having to refinance large level of debt at a time in future when interest rates may be volatile or uncertain.

(d) **Investments longer than 365 days** – The approved treasury management strategy includes a limit of £20m for investments maturing beyond 365 days.