

Manchester City Council Report for Resolution

Report to: Executive – 12 February 2020
Resources and Governance Scrutiny – 24 February 2020
Council – 6 March 2020

Subject: Treasury Management Strategy Statement 2020/21, including
Borrowing Limits and Annual Investment Strategy

Report of: Deputy Chief Executive and City Treasurer

Summary

To set out the proposed Treasury Management Strategy Statement and Borrowing Limits for 2020/21 and Prudential Indicators for 2020/21 to 2022/23.

Recommendations

The Executive is requested to:

1. Recommend the report to Council.
2. Delegate authority to the Deputy Chief Executive and City Treasurer, in consultation with the Executive Member for Finance and Human Resources, to:
 - approve changes to the borrowing figures as a result of changes to the Council's Capital or Revenue budget; and
 - submit these changes to Council.

The Resource and Governance Scrutiny Committee is requested to:

1. Recommend the report to Council.

The Council is requested to:

1. Approve the proposed Treasury Management Strategy Statement, in particular the:
 - Borrowing Requirement listed in Section 7 of this report;
 - Borrowing Strategy outlined in Section 10;
 - Annual Investment Strategy detailed in Section 11;
 - Prudential and Treasury Indicators listed in Appendix A;
 - MRP Strategy outlined in Appendix B;
 - Treasury Management Policy Statement at Appendix C; and
 - Treasury Management Scheme of Delegation at Appendix D
2. Delegate to the Deputy Chief Executive and City Treasurer, in consultation with the Executive Member for Finance and Human Resources, the power to

pursue any restructuring, rescheduling or redemption opportunities available, including amendments to the Treasury Management Strategy if the changes require it. Any changes required to the Strategy will be reported to members at the earliest opportunity.

Wards Affected - All

Environmental Impact Assessment - the impact of the decisions proposed in this report on achieving the zero-carbon target for the city

Treasury Management activity underpins the Council's finances, and therefore supports projects and initiatives which seek to achieve the Council's zero carbon target.
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Our Manchester Strategy outcomes	Contribution to the strategy
A thriving and sustainable city: supporting a diverse and distinctive economy that creates jobs and opportunities	The Treasury Management function supports the whole Council by seeking to ensure that funding is available when required, to fund all of the work that the Council undertakes. Therefore, whilst not directly contributing to the strategic aims, the Council's treasury management activity underpins the work taking place elsewhere to achieve the outcomes.
A highly skilled city: world class and home grown talent sustaining the city's economic success	
A progressive and equitable city: making a positive contribution by unlocking the potential of our communities	
A liveable and low carbon city: a destination of choice to live, visit, work	
A connected city: world class infrastructure and connectivity to drive growth	

Full details are in the body of the report, along with any implications for

- Equal Opportunities Policy
- Risk Management
- Legal Considerations

Financial Consequences – Revenue

The capital financing budget forms a key part of the Council's revenue budget. The activity forecast in this report is affordable within the existing and future capital financing budget, including use of the capital financing reserve.

Financial Consequences – Capital

None – the Council’s treasury management activity is by definition not capital expenditure.

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Background documents (available for public inspection):

The following documents disclose important facts on which the report is based and have been relied upon in preparing the report. Copies of the background documents are available up to 4 years after the date of the meeting. If you would like a copy please contact one of the contact officers above.

None

1. Introduction

- 1.1 The Treasury Management Strategy Statement sets out the risk framework under which the Council's treasury management function will operate. By detailing the investment and debt instruments to be used during the year the Strategy details the risk appetite of the Authority and how those risks will be managed.
- 1.2 The Treasury Management Strategy Statement is linked to the Capital Strategy, in that both documents detail the risks that the Council face, but critically the Treasury Management Strategy Statement is focussed on the risks associated with the management of the Council's cash flow and debt, whereas the Capital Strategy looks at capital investment and expenditure decisions.
- 1.3 The capital budget contains significant priorities for the Council, such as the refurbishment of the Town Hall, which are to be funded from borrowing. This strategy details how decisions will be taken regarding new borrowing and that the over-arching principle is that the borrowing provides value for money for the Council in whatever form it takes. Capital investment decisions are made in line with the economic and regeneration objectives for the city and to support delivery of the agreed capital strategy.
- 1.4 For treasury management investments the Council holds security and liquidity as paramount. This strategy proposes the use of investment types aimed at ensuring that funds are kept secure and that the Council has access to funds when they are required.
- 1.5 The work of the Council's treasury management function is impacted by market conditions and there are significant economic changes, such as Britain leaving the European Union, which create uncertainty in the market. The strategy has been drafted to provide flexibility to manage the risks associated with uncertainties such as interest rate or liquidity challenges.

Treasury Management Strategy for 2020/21

- 1.6 The suggested strategy for 2020/21 is based upon the treasury officers' views on interest rates, supplemented with market forecasts provided by the Council's treasury advisor, Link Asset Services.

The strategy covers:

- Section 1: Introduction
- Section 2: CIPFA Definition of Treasury Management
- Section 3: Statutory and other Requirements
- Section 4: Treasury Limits and Prudential Indicators for 2020/21 to 2022/23
- Section 5: Impact of 2012 HRA reform
- Section 6: Current Portfolio Position
- Section 7: Prospects for Interest Rates
- Section 8: Borrowing Requirement
- Section 9: Borrowing Strategy

Section 10: Annual Investment Strategy
Section 11: Scheme of Delegation
Section 12: Role of the Section 151 Officer
Section 13: Minimum Revenue Provision (MRP) Strategy
Section 14: Recommendations

Appendix A: Prudential and Treasury Indicators for approval
Appendix B: MRP Strategy
Appendix C: Treasury Management Policy Statement
Appendix D: Treasury Management Scheme of Delegation
Appendix E: The Treasury Management Role of the Section 151 Officer
Appendix F: Economic Background – Link Asset Services
Appendix G: Prospects for Interest Rates
Appendix H: Glossary of Terms
Appendix I: Treasury Management Implications of HRA Reform

2 CIPFA Definition of Treasury Management

- 2.1 Treasury management is defined by CIPFA 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.'

3 Statutory and other requirements

Statutory requirements

- 3.1 The Local Government Act 2003 (the Act) and supporting regulations require the Council to 'have regard to' the Chartered Institute of Public Finance and Accountancy's (CIPFA) Prudential Code and the CIPFA Treasury Management Code of Practice to set Prudential and Treasury Indicators for the next three years to ensure that the Council's capital investment plans are affordable, prudent and sustainable.
- 3.2 The Act therefore requires the Council to set out its treasury strategy for borrowing and to prepare an Annual Investment Strategy (as required by Investment Guidance subsequent to the Act and included as section 11 of this report); the Strategy sets out the Council's policies for managing its investments and for giving priority to the security and liquidity of those investments.
- 3.3 The Department for Housing, Communities and Local Government (DHCLG) issued revised investment guidance which came into effect from the 1 April 2010. In 2017 the Department, now the Ministry of Housing Communities and Local Government (MHCLG) further updated its guidance on local government investments. CIPFA responded to these revisions by issuing an updated Code of Practice on Treasury Management and the Prudential Code in 2017. CIPFA also issued Public Services Guidance Notes in 2018 to support the changes made to the Codes.

CIPFA requirements

- 3.4 The CIPFA Code of Practice on Treasury Management has been adopted by the Council. This strategy has been prepared in accordance with the revised December 2017 Code.
- 3.5 The primary requirements of the Code are as follows:
- a) Creation and maintenance of a Treasury Management Policy Statement which sets out the policies and objectives of the Council's treasury management activities;
 - b) Creation and maintenance of Treasury Management Practices which set out the manner in which the Council will seek to achieve those policies and objectives;
 - c) Receipt by the full Council of an annual Treasury Management Strategy Statement, including the Annual Investment Strategy and Minimum Revenue Provision Policy for the year ahead, a Mid-year Review Report and an Annual Report covering activities during the previous year;
 - d) Delegation by the Council of responsibilities for implementing and monitoring treasury management policies and practices and for the execution and administration of treasury management decisions;
 - e) Delegation by the Council of the role of responsible body for treasury management strategy and practices, budget consideration and approval, monitoring and selection of external service providers to a specific named body. For this Council the delegated body is the Audit Committee.
 - f) Delegation by the Council of the role of scrutiny of treasury management strategy and policies to a specific named body. For this Council the delegated body is the Resource and Governance Scrutiny Committee.
- 3.6 The Council's adherence to the Prudential Code is monitored through the series of Prudential Indicators defined by CIPFA. Adherence to the CIPFA Prudential Code is a factor which informs the Council's investment policy. The legal status of the Treasury Management Code is derived in England and Wales from regulations issued under the Local Government Act 2003. This includes statutory guidance on Local Government investments issued under section 15(1) (a) of the Act.

Balanced Budget Requirement

- 3.7 It is a statutory requirement under Section 33 of the Local Government Finance Act 1992, revised under Section 31 of the Localism Bill 2011, for the Council to produce a balanced budget. In particular, Section 31 requires a local authority to calculate its budget requirement for each financial year to include the revenue costs that flow from capital financing decisions. This means that increases in capital expenditure must be limited to a level whereby increases in charges to revenue from:
- increases in interest charges caused by increased borrowing to finance additional capital expenditure; and

- increases in running costs from new capital projects

are limited to a level which is affordable within the projected income of the Council for the foreseeable future.

4 Prudential and Treasury Indicators for 2020/21 to 2022/23

- 4.1 It is a statutory duty under Section 3 of the Act and supporting regulations that the Council determines and keeps under review how much it can afford to borrow. This amount is termed the 'Affordable Borrowing Limit'. In England this Authorised Limit represents the legislative limit specified in the Act and is one of the key Prudential Indicators identified by the CIPFA Code.
- 4.2 The Council must have regard to the Prudential Code when setting the Authorised Limit which requires it to ensure that total capital investment remains within sustainable limits.
- 4.3 Whilst termed an Affordable Borrowing Limit, the capital plans incorporate financing by both external borrowing and other forms of liability such as credit arrangements. The Authorised Limit is to be set on a rolling basis for the forthcoming financial year and two successive financial years.
- 4.4 The full set of Treasury limits and Prudential Indicators recommended by the Code and used by the Council, together with their suggested levels for 2020/21 is noted in Appendix A of this report.
- 4.5 It should be noted that the Prudential and Treasury Indicators in this report may be subject to change dependent on decisions taken on the Capital and Revenue budgets which are reported elsewhere on this agenda.

5 The Housing Revenue Account – Impact of 2012 HRA Reform

- 5.1 The Local Government Finance and Housing Act 1989 requires Councils who own housing they rent out to tenants to separate all of the financial activities relating to the Council acting as landlord into a ring-fenced account known as the Housing Revenue Account (HRA). Due to the ring-fence it is illegal for the Council to subsidise any General Fund (GF) activity from its HRA and vice versa.
- 5.2 The Treasury Management Strategy for 2013/14 was the first to incorporate the split of the Council's debt portfolio following the HRA debt settlement of March 2012 which ended the subsidy arrangement. Details of how the split was calculated and the corresponding effect on treasury management activities are at Appendix I.
- 5.3 The treasury position of the Council will continue to be monitored at a Council level alongside the separate positions for the GF and the HRA. The HRA is also limited in terms of the treasury activity it can undertake as any temporary borrowing or investing it requires or long-term borrowing will be through the

GF. This ensures that the overall Council position is managed as effectively and efficiently as possible.

- 5.4 To reflect the fact that the HRA now has its own treasury position this report will mention where the HRA treasury strategy may be different to that of the GF. Where the Council strategy is mentioned this applies to both the GF and the HRA.

6 Current Portfolio Position

- 6.1 The forecast portfolio position for the end of the current financial year is shown below. Short term borrowing from the Greater Manchester Combined Authority (GMCA) relates to investments made by the City Council for the Housing Investment Fund which have not been novated across to the Combined Authority, and instead the GMCA is providing cash flow support to ensure that this ongoing arrangements remains cash neutral for the Council. Some of this debt relates to investments which have novated, and this will be cancelled rather than repaid – the accounting treatment for this is being discussed with external auditors, and the debt position unwound accordingly.

- 6.2 The Council's forecast treasury portfolio position at 31 March 2020 is:

Table 1	Principal			Av Rate
	GF £'m	HRA £'m	Total £'m	%
Long Term Borrowing				
PWLB	150.0	0.0	150.0	2.45
Market	336.8	61.9	398.7	4.48
Stock	0.9	0.0	0.9	4.00
SALIX	17.2	0.0	17.2	0.00
HCA	8.4	0.0	8.4	0.00
	513.3	61.9	575.2	
Short Term Borrowing				
GMCA – related to HIF	150.1	0.0	150.1	0.00
Other	4.5	0.0	4.5	1.15
	154.6	0.0	154.6	
Gross Debt	667.9	61.9	729.8	2.96
External Investments	(12.0)	0.0	(12.0)	0.70
Internal Balances (GF/HRA)	34.5	(34.5)	0	0.00
Net Debt	690.4	27.4	717.8	
Capital Financing Requirement			1,670.6	
Gross Debt			729.8	
Internal Borrowing			940.8	

- 6.3 The Capital Financing Requirement measures an Authority's underlying need to borrow or finance by other long-term liabilities for a capital purpose. It

represents the amount of capital expenditure that has not yet been resourced absolutely, whether at the point of spend (by capital receipts, capital grants/contributions or from revenue income), or over the longer term by prudent Minimum Revenue Provision (MRP) or voluntary application of capital receipts for debt repayment etc. Alternatively it provides a figure for the capital expenditure incurred by the Council but not yet provided for.

- 6.4 The Capital Financing Requirement of the City Council as at 31 March 2020 is forecast to be c. £1,670.6m. The difference between this and the actual gross debt of the Council is c. £940.8m which is the amount of funding that the Council has internally borrowed, or has been funded through credit arrangements. This is a reflection of the Council's ongoing treasury strategy of using internal cash to reduce the amount of borrowing required rather than holding this cash as investments.
- 6.5 In the current environment where the rate of interest on investments is significantly lower than that on borrowing and there are substantial counterparty risks, this has been a prudent approach and has provided value for money for the Council. Internal cash refers to cash surpluses which arise from the timing of receipts and payments.
- 6.6 As part of the reform of the HRA, on the 28th March 2012 the then DHCLG repaid all of the Council's Public Works Loan Board (PWLB) debt which had been gradually reduced over recent years by various housing stock transfers. Subsequently the HRA debt portfolio consists almost exclusively of market debt, the majority of which are Lender Option Borrower Option (LOBO) loans which have long-term maturity dates. Whilst this provides some stability for the Council as LOBOs are unlikely to be called in the near future due to the current and forecast market environment, it does mean that when seeking to take new debt the Council should consider diversifying the portfolio, not least to ensure a wider range of maturity dates.
- 6.7 The portfolio at 31 March 2020 includes Council Stock with a value of £0.9m. This Stock debt is attributable to the irredeemable class of stock where stockholders have not taken up the Council's redemption offer made in 2017/18.

7 Prospects for Interest Rates

- 7.1 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. Appendix G draws together a number of current City forecasts for short term (Bank Rate) and longer fixed interest rates. The following gives Link's central view for interest rates at financial year ends (March):
- 2020: 0.75%
 - 2021: 1.25%
 - 2022: 1.50%

- 7.2 There is no certainty to these forecasts. A detailed view of the current economic background prepared by Link Asset Services is at Appendix F to this report.
- 7.3 The Council seeks to maintain a portfolio of debt and investments that is a mix of fixed and variable interest rates. Whilst fixed interest rates give the Council certainty, there is also a risk that prevailing market rates change and there are then opportunities to either increase the rate of return on investments or reduce the rate of interest on debt which could not be taken if the whole portfolio was fixed.
- 7.4 The Council's treasury management investments are classed as variable as the Council invests short term to enable the cash flow to be managed. In terms of debt, the Council has a significant portfolio of fixed rate debt, but as noted above a significant element of this is LOBO debt which means that there are risks that the interest rate on that debt could change. The Council monitors this position, including the likely use of the Lender Options, and will make future borrowing decisions with a view to keeping the debt portfolio balanced between fixed and variable debt.

8 Borrowing Requirement

- 8.1 The potential long-term borrowing requirements over the next three years are:

Table 2	2020/21 £'m estimate	2021/22 £'m estimate	2022/23 £'m estimate
Planned Capital Expenditure funded by Borrowing	200.4	197.8	133.3
Change in Grants & Contributions	21.9	26.0	43.4
Change in Capital Receipts	(0.2)	(4.3)	(8.5)
Change in Reserves	27.5	27.7	14.8
MRP Provision	(26.6)	(30.9)	(33.3)
Refinancing of maturing debt (GF)	3.0	6.8	7.5
Refinancing of maturing debt (HRA)	0.0	0.5	0.8
Estimated Borrowing Requirement	226.0	223.6	158.0
Funded by:			
GF	226.0	223.1	157.2
HRA	0.0	0.5	0.8

9 Borrowing Strategy

General Fund

- 9.1 Following the HRA debt settlement in 2012 the Council's debt position is one of significant internal borrowing meaning cash backed reserves and provisions are being used in lieu of external debt. The external debt held is predominantly long term in nature.

- 9.2 The proposed Capital Budget, submitted to Executive in February and Council in March contains significant capital investment across the city. The scale of the investment suggests that the Council will need to undertake external borrowing in the future and will not be able to rely on internal borrowing alone. Where possible, internal borrowing will remain the first option due to the interest savings generated.
- 9.3 To this aim, the Council's borrowing strategy will utilise the annual provision it is required to make to reduce debt, in the form of its Minimum Revenue Provision (MRP). If MRP is not used to reduce external debt it is held as cash so the most efficient arrangement is for MRP to be used to reduce the new long term debt expected to be required. This ensures that MRP is utilised and does not accumulate as cash on the Balance Sheet. Alternatively MRP could be used to repay existing debt but this would be at considerable cost in the current interest rate environment.
- 9.4 Beyond the forecast period for capital investment and matching to the same principles as above, a prudent strategy is to seek to borrow in the medium term with maturities to match the estimated MRP that is generated in the same period. This avoids an accumulation of cash on the Balance Sheet that would need to be invested at a potential net cost and investment risk to the Council.
- 9.5 The overall strategy is therefore for the Council to continue to use reserves and provisions to maximise internal borrowing whilst seeking to rebalance the portfolio with more medium term debt when there is a need to externally borrow. This must be done with a strong focus on achieving value for money on interest costs and balancing the risks to the overall debt portfolio.

HRA

- 9.6 The Council's proposed capital budget for 2020/21 and beyond does not contain any requirement for the HRA to borrow. It is expected that proposals will be brought forward that require funding via borrowing so it is likely the HRA will have a borrowing requirement in 2020/21. The level of borrowing affordable is restrained by the statutory requirement for the HRA Business Plan to avoid going into a deficit.
- 9.7 The impact of any required further long term borrowing on the Business Plan will be reviewed which will inform the borrowing options pursued. Any temporary borrowing required will be sought from the General Fund. This is discussed further in Appendix I.
- 9.8 Note, in the event that some of the current debt is required to be repaid, for example if one of the LOBO loans was called, the refinancing arrangements would need to be considered.

Borrowing Options

- 9.9 As stated above the Council's borrowing strategy will firstly utilise internal borrowing. However as the overall forecast is for long term borrowing rates to

increase the short term advantage of internal and short term borrowing will be weighed against the potential cost if long term borrowing is delayed as rates for longer term loans are expected to increase.

9.10 New borrowing will be considered in the forms noted below. All options will be evaluated alongside their availability and which provides best value for money. The options below are not presented in a hierarchical order.

- **Public Works Loan Board (PWLB)**

PWLB borrowing is available for between 1 and 50 year maturities on various bases. This offers a range of options for new borrowing which could spread debt maturities away from a concentration in longer dated debt and allow the Council to align maturities to MRP.

In October 2019 the Treasury increased all PWLB rates by 100 basis points, citing concerns regarding the increased levels of debt local authorities were requesting in the current low-rate market environment. This means that although PWLB remains a highly accessible form of debt finance, it may not provide value for money and other market options may be preferable.

The Link forecast for the PWLB Certainty Rate is as follows:

Table 3	Mar 20	Jun 20	Sep 20	Dec 20	Mar 21	Mar 22	Mar 23
	%						
Bank Rate	0.75	0.75	0.75	0.75	1.00	1.00	1.25
5 yr PWLB rate	2.40	2.40	2.50	2.50	2.60	2.90	3.20
10 yr PWLB rate	2.70	2.70	2.70	2.80	2.90	3.20	3.50
25 yr PWLB rate	3.30	3.40	3.40	3.50	3.60	3.90	4.10
50 yr PWLB rate	3.20	3.30	3.30	3.40	3.50	3.80	4.00

A more detailed Link forecast is included in Appendix G to this report.

- **European Investment Bank (EIB)**

The EIB's rates for borrowing are generally favourable compared to PWLB although the margin of benefit has now reduced. Rates can be forward fixed for borrowing from the EIB and this option will be considered if the conditions can be met and it offers better value for money.

The EIB appraises its funding plans against individual schemes, particularly around growth and employment and energy efficiency, and any monies borrowed are part of the Council's overall pooled borrowing.

- **Third Party Loans**

These are loans from third parties that are offered at lower than market rates, for example Salix Finance Ltd is offering loans to the public sector at 0% to be used specifically to improve their energy efficiency and reduce carbon emissions.

- **Homes and Communities Agency funding**

This is funding from Government and can only be used in specific circumstances. It is, in effect, a 'loan' of the HCA's receipts from the disposal of its land and property within Greater Manchester (GM), as agreed in the GM City Deal. The City Council is currently the accountable body for these funds, but decisions on how the funding should be used are made by the Greater Manchester Combined Authority. It is anticipated that the existing debt of this type held by the City Council, shown in the forecast portfolio earlier in this report, will be novated to the Combined Authority in 2020.

- **Inter-Local Authority advances**

Both short and medium term loans are often available in the inter Local Authority market.

- **Market Loans**

Following the increase in PWLB rates noted above, there has been a considerable increase in market activity relating to local authority debt. At the time of writing the report, the market is still developing and may take a couple of months to form and for debt pricing and structure to become clear.

It is anticipated that there will be a range of structures available, including forward starting loans.

- **Local Authority Bond Agency**

The UK Municipal Bonds Agency was established in June 2014 with the primary purpose of reducing local authority financing costs by:

- Issuing bonds in the capital markets and on-lending to councils.
- Lending between councils.
- Sourcing funding from 3rd party sources, and on-lending to councils.

Although the Agency's aim is to raise finance for Local Authorities by issuing municipal bonds to capital markets, at the time of writing the first bond has yet to be issued. The Council will continue to monitor the Agency's development and whether it can offer a competitive option for future borrowing.

9.11 These types of borrowing will need to be evaluated alongside their availability, particularly whilst there is a very limited availability of traditional market loans. The traditional market loans available tend to be Lender Option Borrower Option (LOBO) loans and they are not currently offered at competitive rates of interest. LOBOs provide the lender with future options to increase the interest rate whilst the local authority has the option to repay if the increase in the rate is unacceptable to them.

9.12 Following HRA reform the vast majority of the Council's existing debt portfolio consists of LOBOs and the Authority needs to consider diversifying its loan book to reduce the impact of any volatility that may cause these loans to be called. It should be noted that the Council's current LOBO loans are unlikely to be called in the medium term at current interest rates.

Sensitivity of the forecast

9.13 In normal circumstances the main sensitivities are likely to be the two scenarios noted below. Council officers in conjunction with the treasury advisors will continually monitor the prevailing interest rates and the market forecast, adopting the following responses to a change of sentiment:

- ***If it were 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.
- ***If it were felt that there was a significant risk of a much sharper RISE in long and short term rates than that current forecast***, perhaps arising from a greater than expected increase in world economic activity or a sudden increase in inflation risks, the portfolio position will be re-appraised. The likely action will be that fixed rate funding will be drawn whilst interest rates remain relatively cheap.

External v. Internal borrowing

9.14 The current borrowing position reflects the historic strong Balance Sheet of the Council as highlighted in Section 6. The policy remains to keep cash as low as possible and minimise temporary investments.

9.15 The next financial year is again expected to be one of historically low Bank Rate. This provides a continuation of the opportunity for local authorities to review their strategy of undertaking new external borrowing. At Appendix F there is an in depth analysis of economic conditions provided by Link Asset Services, the Council's independent treasury advisors.

9.16 Over the next three years, investment rates are expected to be significantly below long term borrowing rates. This would indicate that value could best be obtained by limiting new external borrowing and by using internal cash balances to finance new capital expenditure or to replace maturing external debt.

9.17 This will be weighed against the potential for incurring additional long term costs by delaying new external borrowing until later years when longer term rates are forecast to be significantly higher. Consideration will also be given to forward fixing rates whilst rates are favourable.

9.18 Against this background caution will be adopted within 2020/21 treasury operations. The Deputy Chief Executive and City Treasurer will monitor the interest rate market and adopt a pragmatic approach to changing circumstances, reporting any decisions to the appropriate decision making body at the next available opportunity.

Policy on borrowing in advance of need

9.19 From a statutory point of view a Local Authority has the power to invest for 'any purpose relevant to its functions under any enactment, or for the

purposes of the prudent management of its financial affairs.’ The MHCLG takes an informal view that local authorities should not borrow purely to invest at a profit. This does not prevent the Council temporarily investing funds borrowed for the purpose of expenditure in the reasonable near future.

9.20 This Council will not borrow in advance of need to on lend and profit from the difference in interest rate. Any decision to borrow in advance in support of strategic and service delivery objectives will be in the context of achieving the best overall value for money, for example to minimise the risk of borrowing costs increasing in the future and that the Council can ensure the security of such funds. In determining whether borrowing is undertaken in advance of need the Council will:

- ensure that there is a clear link between the capital programme and maturity profile of the existing debt profile which supports the need to take funding in advance of need;
- ensure the ongoing revenue liabilities created and implications for future plans and budget have been considered;
- evaluate the economic and market factors that might influence the manner and timing of any decision to borrow;
- consider the merits and demerits of alternative forms of funding;
- consider the alternative interest rate bases available, the most appropriate periods to fund and repayment profiles to use; and
- consider the impact of borrowing in advance temporarily (until required to finance capital expenditure) increasing investment cash balances and the consequent increase in exposure to counterparty risk, and other risks, and the level of such risks given the controls in place to minimise them.

Forward Fixing

9.21 As noted above, the Council will give consideration to forward fixing debt, whereby the Council agrees to borrow at a point in the future at a rate based on current implied market interest rate forecasts. There is a risk that the interest rates proposed would be higher than current rates; however, it can be beneficial as it avoids the need to borrow in advance of need and suffer cost of carry. It may also represent a saving if rates were to rise in the future. Any decision to forward fix will be reviewed for value for money and will be reported to Members as part of the standard treasury management reporting.

Debt Rescheduling

9.22 It is likely that opportunities to reschedule debt in the 2020/21 financial year will be limited due to prevailing debt interest rates being relatively low.

9.23 As short term borrowing rates will be considerably cheaper than longer term rates, there may be some opportunity to generate savings by switching from long term debt to short term debt. These savings will need to be considered in the light of the premiums incurred and the likely cost of refinancing those short term loans once they mature compared to the current rates of longer term debt in the existing portfolio.

- 9.24 The debt portfolio following HRA reform consists mainly of LOBOs, and the premia for rescheduling these make it unlikely there will be a cost effective opportunity to reschedule. The premia relates to the future interest payments associated with the loan and compensation for the lender for the buy-back of the interest rate options the loan has embedded in it.
- 9.25 The Council will continue to monitor the LOBO market and opportunities to reschedule, redeem or alter the profile of existing LOBO debt. 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 strategy outlined above in this section;
 - enhancing the balance of the portfolio (amending the maturity profile and/or the balance of volatility)
- 9.26 Any restructuring of LOBOs will only be progressed if it provides value for money and reduces the overall treasury risk the Council faces. The Council's Constitution delegates to the Deputy Chief Executive and City Treasurer the authority to pursue any restructuring, rescheduling or redemption opportunities available.
- 9.27 Consideration will also be given to the potential for making savings by running down investment balances to repay debt prematurely. It is likely short term rates on investments will be lower than rates paid on current debt.
- 9.28 All rescheduling will be reported to the Executive as part of the normal treasury management activity. If rescheduling requires amendments to the Treasury Management Strategy the Deputy Chief Executive and City Treasurer will be asked to approve them in accordance with the delegated powers accorded to the position and the changes will be reported to Members.

10 Annual Investment Strategy

HRA

- 10.1 In order to maintain efficient, effective and economic treasury management for the Council as a whole, the HRA will only be able to invest with the General Fund. This is discussed further in Appendix I.

General Fund

Introduction

- 10.2 The Council will have regard to the MHCLG's Guidance on Local Government Investments (the Guidance) and the 2011 and 2017 revised CIPFA Treasury Management in Public Services Code of Practice and Cross Sectoral Guidance Notes (the CIPFA TM Code). The Council's investment priorities are:

- The security of capital; and
 - The liquidity of its investments.
- 10.3 The risk appetite of the Council is low in order to give priority to the security of its investments. The Council will aim to achieve the optimum return on its investments commensurate with desired levels of security and liquidity.
- 10.4 The borrowing of monies by an Authority purely to invest or on-lend and make a return is unlawful and this Council will not engage in such activity. However the Council may provide loan finance funded from borrowing if this supports the achievement of the Council's strategies and service objectives.
- 10.5 The Council's TMSS focusses solely on treasury management investments. The Council does not hold any commercial investments and details of strategic capital investments can be found in the Capital Strategy and Budget Report to the Executive.

Investment Policy

- 10.6 The Council's investment policy is to manage the Council's cash flow through investments in high credit quality.
- 10.7 As in previous years, the Council will not just utilise ratings as 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. The Council will engage with its advisors to maintain a monitor on market pricing such as 'credit default swaps'¹ and overlay that information on top of the credit ratings.
- 10.8 Investment in banks and building societies are now exposed to bail-in risk following the introduction of the EU's Banking Recovery and Resolution Directive, which means depositor's funds over £85,000 are at risk of "bail-in" if the bank fails. In response to this, the Council adopted lower operational limits for such investments in 2016/17 and these remain.
- 10.9 The exception is the limit with Barclays bank; Barclays is the Council's main banker and is the investment destination of last resort for the close of daily trading. These revised limits are operational changes and to preserve flexibility should circumstances change the overall investment limits approved for banks and building societies for 2019/20 will be maintained in 2020/21.
- 10.10 In line with the policy adopted in this strategy in previous years, options to diversify the investment portfolio have been reviewed and adopted. The

¹ A credit default swap is a financial instrument that effectively provides the holder insurance against a loan defaulting. The CDS spread is the difference between the price at which providers are willing to sell the swap, and the price at which buyers are willing to buy. A relatively high spread may suggest that the loan is more likely to default.

Council now actively uses money market funds alongside deposits with banks, other local authorities and the Debt Management Agency.

10.11 For 2020/21 the Council will continue to consider investing in Treasury Bills, Certificates of Deposit and Covered Bonds. In addition to diversification each of these options offer the Council benefits which are noted in more detail below. These instruments require the Council to have specific custodian and broker facilities which have been opened. Officers are working to monitor these markets to prompt participation in the instruments when rates are favourable, and to identify and resolve any governance challenges arising from investing in instruments which have an active secondary market. Work is continuing to open further access points to markets and to identify opportunities for benefit which are new to the Council.

10.12 It should be noted that, whilst seeking to broaden the investment base officers will seek to limit the level of risk taken. It is not expected that the measures considered above will have a significant impact on the rates of return the Council currently achieves.

Specified and Non-Specified Investments

10.13 Investment instruments identified for use in the financial year are listed below and are all specified investments. Any proposals to use other non-specified investments will be reported to Members for approval.

10.14 Specified investments are sterling denominated, with maturities up to a maximum of one year and meet the minimum 'high' rating criteria where applicable. Further details about some of the specified investments below can be found in later paragraphs in this Section.

Table 4	Minimum 'High' Credit Criteria	Use
Term deposits – banks and building societies ²	See Creditworthiness Policy.	In-house
Term deposits – other Local Authorities	High security. Only one or two local authorities credit-rated	In-house
Debt Management Agency Deposit Facility	UK Government backed	In-house
Certificates of deposit issued by banks and building societies covered by UK Government guarantees	UK Government explicit guarantee	In-house
Money Market Funds (MMFs)	AAA _M	In-house

² Banks & Building Societies

The Council will keep the investment balance below or at the maximum limit based on the institutions credit rating as detailed in paragraph 10.21-10.22. If this limit is breached, for example due to significant late receipts, the Deputy Chief Executive and City Treasurer will be notified as soon as possible after the breach, along with the reasons for it. Please note this relates to specific investments and not balances held within the Council's bank accounts, including the general bank account.

Table 4	Minimum 'High' Credit Criteria	Use
Treasury Bills	UK Government backed	In-house
Covered Bonds	AAA	In-house

Creditworthiness Policy

10.15 The 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 & Poor's. Link supplement the credit ratings of counterparties with the following overlays:

- credit watches and credit outlooks from credit rating agencies
- Credit Default Swap spreads to provide early warning of likely changes in credit ratings
- sovereign ratings to select counterparties from only the most creditworthy countries

10.16 The above are combined in a weighted scoring system which is then combined with an overlay of CDS spreads. The end product is a series of colour coded bands which indicate the relative creditworthiness of counterparties.

10.17 The Council has regard to Link's approach to assessing creditworthiness when selecting counterparties as it uses a wider array of information than just primary ratings and by using a risk weighted scoring system does not give undue prominence to just one agency's ratings.

10.18 In summary the Council will approach assessment of creditworthiness by using the Link counterparty list and then applying its own counterparty limits and durations. All credit ratings will be monitored on a daily basis and re-assessed weekly. The Council is alerted to changes to ratings of all three agencies through its use of the Link 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 Credit Default Swap against the iTraxx benchmark³ and other market data on a weekly basis. Extreme market movements may result in the downgrade of an institution or removal from the Council's lending list.

10.19 Sole reliance will not be placed on the use of this external service. In addition the Council will also use market data and market information, information on

³ The Markit iTraxx Senior Financials Index is a composite of the 25 most liquid financial entities in Europe. The index is calculated through an averaging process by the Markit Group and is used as the benchmark level of CDS spreads on Link Asset Services' Credit List.

government support for banks and the credit ratings of that government support.

Investment Limits

10.20 In applying the creditworthiness policy the Council holds the security of investments as the key consideration and will only seek to make treasury investments with counterparties of high credit quality.

10.21 The financial investment limits of financial institutions will be linked to their short and long-term ratings (Fitch or equivalent) as follows:

<u>Long Term</u>	<u>Amount</u>
Fitch AA+ and above	£20 million
Fitch AA/AA-	£15 million
Fitch A+/A	£15 million
Fitch A-	£10 million
Fitch BBB+	£10 million

The Council will only utilise those institutions that have a short term rating of F2 or higher, (Fitch or equivalent).

UK Government (including the Debt Management Office)	£200 million
Greater Manchester Combined Authority	£200 million
Other Local Authorities	£20 million

10.22 In seeking to diversify the Council will utilise other investment types which are described in more detail below and ensure that the investment portfolio is mixed to help mitigate credit risk. The following limits will apply to each asset type:

Total Deposit	Amount
Local Authorities	£250 million
UK Government	£200 million
- Debt Management Office	
- Treasury Bills	
Money Market Funds	£75 million
Certificates of Deposit	£25 million
Covered Bonds	£25 million

10.23 It is proposed that the limit for Money Market Funds increases by £15m, when compared to last year's Strategy. This reflects the role the funds have been playing in the Council's investment portfolio, and would allow the Council to have 5 active funds as opposed to 4. There is a risk to taking this approach, in that it potentially increases the investments in one type of instrument at any given time, but the nature of Money Market Funds and the diversification of instruments within the Fund helps to mitigate this.

10.24 It may be prudent to temporarily increase the limits shown above, as in the current economic environment it is increasingly difficult for officers to place

funds. If this is the case officers will seek approval from the Deputy Chief Executive and City Treasurer and any increase in the limits will be reported to Members through the normal treasury management reporting process.

Durational Limits

- 10.25 Operationally the Council has in recent years not invested cash for more than three months, which was a product of security concerns following the financial crisis of 2008/09 and the relatively volatile nature of the Council's cash flow.
- 10.26 The financial markets have changed significantly since 2008/09, and the transparency of creditworthiness has improved. It is therefore proposed that the Council formally states, as part of the Investment Strategy, that it will invest for up to 364 days provided that such investments form part of the management of the cash flow and not for increased yield. On this basis, such investments will only be made if the cash flow forecast at the time indicates a level of "core" cash which will not be required for the investment period.

Money Market Funds

- 10.27 The removal of the implied levels of sovereign support that were built into ratings throughout the financial crisis has impacted on bank and building society ratings across the world. Rating downgrades can limit the number of counterparties available and to provide flexibility the Council will use MMFs when appropriate as an alternative specified investment.
- 10.28 MMFs are investment instruments that invest in a variety of institutions therefore diversifying the investment risk. The funds are managed by a fund manager and have objectives to preserve capital, provide daily liquidity and a competitive yield. The majority of money market funds invest both inside and outside the UK. MMFs also provide flexibility as investments and withdrawals can be made on a daily basis.
- 10.29 MMFs are rated through a separate process to bank deposits. This looks at the average maturity of the underlying investments in the Fund as well as the credit quality of those investments. The Council will only use MMFs where the institutions hold the highest AAA credit rating and those which are UK or European based.
- 10.30 As with all investments there is some risk with MMFs in terms of the capital value of the investment. European legislation has required existing and new Constant Net Asset Value MMFs to convert to a Low Volatility Net Asset Value (LVNAV) basis by January 2019. This basis allows movements in capital value, but there is a restriction that the deviation cannot be more than 20 basis points, e.g. on a deposit of £100 the Fund must ensure withdrawal proceeds are no greater than +/- 20p.

Treasury Bills

- 10.31 Treasury Bills are marketable securities issued by the UK Government and counterparty and liquidity risk is relatively low although there is potential risk to value arising from an adverse movement in interest rates unless they are held to maturity.
- 10.32 Weekly tenders are held for Treasury Bills so the Council could invest funds on a regular basis. This would provide a spread of maturity dates and reduce the volume of investments maturing at the same time.
- 10.33 There is a large secondary market for Treasury Bills so it is possible to trade them in earlier than the maturity date if required and to purchase them in the secondary market. In the majority of cases the Council will hold to maturity to avoid any potential capital loss from selling before maturity and will only sell the Treasury Bills early if it can demonstrate value for money in doing so.

Certificates of Deposit

- 10.34 Certificates of Deposit are short dated marketable securities issued by financial institutions so the counterparty risk is low. The instruments have flexible maturity dates so it is possible to trade them in early although there is a potential risk to capital if they are traded ahead of maturity and there is an adverse movement in interest rates. Certificates of Deposit are subject to bail-in risk as they are given the same priority as fixed deposits if a bank was to default. The Council will only deal with Certificates of Deposit that are issued by banks and meet the credit criteria.

Covered Bonds

- 10.35 Covered Bonds are debt instruments secured by assets such as mortgage loans. They are issued by banks and other non-financial institutions. The loans remain on the issuing institutions' Balance Sheet and investors have a preferential claim in the event of the issuing institution defaulting. All issuing institutions are required to hold sufficient assets to cover the claims of all covered bondholders. The Council would only deal with bonds that are issued by banks which meet the credit criteria, or AAA rated institutions, (e.g. insurance companies).

Liquidity

- 10.36 Based on cash flow forecasts, the level of cash balances in 2020/21 is estimated to range between £0m and £230m. The higher level can arise where for instance large Government grants are received or long term borrowing has recently been undertaken.

Investment Strategy to be followed in-house

- 10.37 Link's view of forecast Bank Rate is noted at Section 9. The current economic outlook is that the structure of market interest rates and government debt yields have several key treasury management implications.

- 10.38 On the assumption that the UK and EU agree a Brexit deal including the terms of trade by the end of 2020 or soon after, then Bank Rate is forecast to increase only slowly over the next few years. Link's view is that Bank Rate will rise to 1.00% by March 2021.
- 10.39 This suggest that investment returns are likely to remain relatively low during 2020/21, and beyond given the global economic outlook.
- 10.40 There will remain a cost of carry to any new borrowing which causes an increase in investments as this will incur a revenue loss between borrowing costs and investment returns.
- 10.41 The Council will avoid locking into longer term deals while investment rates are at historically low levels unless attractive rates are available with counterparties of particularly high creditworthiness which make longer term deals worthwhile and within the risk parameters set by the Council.
- 10.42 For 2020/21 it is suggested the Council should target an investment return of 0.50% on investments placed during the financial year. For cash flow generated balances the Council will seek to utilise its business reserve accounts and short-dated deposits (overnight to three months) in order to benefit from the compounding of interest.

End of year Investment Report

- 10.43 At the end of the financial year, the Council will receive a report on investment activity as part of the Annual Treasury Management Report.

Policy on the use of External Service Providers

- 10.44 The Council uses Link Asset Services as external treasury management advisors and has access to another provider who is an approved supplier should a second opinion or additional work be required. 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 its external service providers.
- 10.45 The Council recognises there is value in employing external providers of treasury management services to acquire access to specialist skills and resources. It will ensure the terms of the Advisor's appointment and the methods by which their value is assessed are properly agreed and documented, and subjected to regular review.

11 Scheme of Delegation

- 11.1 Appendix D describes the responsibilities of Member groups and officers in relation to treasury management.

12 Role of the Section 151 Officer

12.1 Appendix E notes the definition of the role of the Deputy Chief Executive and City Treasurer in relation to treasury management.

13 Minimum Revenue Provision (MRP) Strategy

13.1 Appendix B contains the Council's policy for spreading capital expenditure charges to revenue through the annual MRP charge.

14 Recommendations

14.1 Please see page 1 of the report for the list of recommendations.

15 Contributing to a Zero-Carbon City

15.1 Treasury Management activity underpins the Council's finances, and therefore supports projects and initiatives which seek to achieve the Council's zero carbon target.

16 Contributing to the Our Manchester Strategy

16.1 The Treasury Management function supports the whole Council by seeking to ensure that funding is available when required, to fund all of the work that the Council undertakes. Therefore, whilst not directly contributing to the strategic aims, the Council's treasury management activity underpins the work taking place elsewhere to achieve the outcomes.

17 Key Policies and Considerations

(a) Equal Opportunities

17.1 None.

(b) Risk Management

17.2 CIPFA's Prudential and Treasury Management Codes provide the risk management framework within which the treasury management activities of the Council operate. The Strategy should be seen as the Council's approach to this framework.

(c) Legal Considerations

17.3 None.

Appendix A

Prudential and Treasury Indicators for approval

Please note last years approved figures are shown in brackets.

Treasury Management Indicators	2020-21 %	2021-22 %	2022-23 %
Estimated Financing Costs to Net Revenue Stream⁴	6.7%	7.3%	7.4%
Authorised Limit - external debt	£m	£m	£m
Borrowing	1,384.5 (1,684.5)	1,396.2 (1,412.9)	1,396.2
Other long term liabilities	190.0 (170.0)	190.0 (170.0)	190.0
TOTAL	1,574.5 (1,900.5)	1,586.2 (1,582.9)	1,586.2
Operational Boundary - external debt			
Borrowing	1,006.2 (1,151.7)	1,176.9 (1,275.0)	1,295.5
Other long term liabilities	190.0 (170)	190.0 (170.0)	190.0
TOTAL	1,196.2 (1,321.7)	1,366.9 (1,445.0)	1,485.5
Estimated external debt	792.8 (977.4)	1,016.4 (1,141.5)	1,174.3
Upper limit for total principal sums invested for over 364 days	0 (0)	0 (0)	0
Estimated Capital Expenditure			
Non - HRA	339.6 (370.3)	260.2 (207.4)	180.2
HRA	38.8 (48.7)	28.6 (36.6)	28.1
TOTAL	378.4 (419.0)	288.8 (244.0)	208.3
Estimated Capital Financing Requirement (as at 31 March)			
Non – HRA	1,543.1 (1,477.1)	1,706.5 (1,611.1)	1,802.5
HRA	299.2 (299.2)	300.0 (300.0)	301.0
TOTAL	1,842.3 (1,776.3)	2,006.5 (1,911.1)	2103.5

Maturity structure of borrowing during 2020-21	Upper Limit		Lower limit	
	under 12 months	80%	(80%)	0%
12 months and within 24 months	70%	(70%)	0%	(0%)
24 months and within 5 years	60%	(50%)	0%	(0%)
5 years and within 10 years	50%	(50%)	0%	(0%)
10 years and above	80%	(80%)	40%	(40%)
Has the Authority adopted the CIPFA Treasury Management Code?				Yes

⁴ Note that for 2021-22 onward these are based on estimated net revenue budgets.

The status of the indicators will be included in Treasury Management reporting during 2020/21. They will also be included in the Council's Capital Budget monitoring reports during 2020/21.

Definitions and Purpose of the Treasury Management Indicators noted above (Indicators are as recommended by the CIPFA Prudential Code last revised in 2017)

Estimated Financing Costs to Net Revenue Stream

The authority will set for the forthcoming year and the following financial years an estimate of financing costs to net revenue stream. The indicator recognises that ultimately all debts of a local authority fall on the taxpayer, and that therefore when considering affordability it is important to review the scale of financing costs to net revenue.

Estimated Capital Expenditure

The authority sets a capital budget for each financial year, which includes an estimate of the capital expenditure which might be incurred. The figures here also include changes to other long term liabilities.

Estimates Capital Financing Requirement

The capital financing requirement reflects the authority's underlying need to finance capital expenditure, and is based on all capital expenditure including that incurred in previous years.

Authorised Limit - external debt

The local authority will set for the forthcoming financial year and the following two financial years an authorised limit for its total external debt, excluding investments, separately identifying borrowing from other long-term liabilities. Other long term liabilities include PFI's, service concessions and finance leases. Due to the introduction of IFRS16 (Leasing) on the 1st of April 2020, more of the Council's lessee leases will be classed as finance leases and will therefore fall under the categorisation, therefore the value has increased from previous years. Work is underway to determine the value of this change in accounting standards, but £20.0m has been added to the indicator at this stage, and will be reviewed once this work is complete. This prudential indicator is referred to as the Authorised Limit.

Operational Boundary - external debt

The local authority will also set for the forthcoming financial year and the following two financial years an operational boundary for its total external debt, excluding investments, separately identifying borrowing from other long-term liabilities. This prudential indicator is referred to as the Operational Boundary.

Both the Authorised Limit and the Operational Boundary need to be consistent with the authority's plans for capital expenditure and financing; and with its treasury

management policy statement and practices. The Operational Boundary should be based on the authority's estimate of most likely, i.e. prudent, but not worst case scenario. Risk analysis and risk management strategies should be taken into account.

The Operational Boundary should equate to the maximum level of external debt projected by this estimate. Thus, the Operational Boundary links directly to the Authority's plans for capital expenditure; its estimates of capital financing requirement; and its estimate of cash flow requirements for the year for all purposes. The Operational Boundary is a key management tool for in-year monitoring.

It will probably not be significant if the Operational Boundary is breached temporarily on occasions due to variations in cash flow. However, a sustained or regular trend above the Operational Boundary would be significant and should lead to further investigation and action as appropriate. Thus, both the Operational Boundary and the Authorised Limit will be based on the authority's plans. The authority will need to assure itself that these plans are affordable and prudent. The Authorised Limit will in addition need to provide headroom over and above the Operational Boundary sufficient for example for unusual cash movements.

Estimated external debt

After the year end, the closing balance for actual gross borrowing plus (separately), other long-term liabilities is obtained directly from the local authority's Balance Sheet.

The prudential indicator for Estimated External Debt considers a single point in time and hence is only directly comparable to the Authorised Limit and Operational Boundary at that point in time. Actual external debt during the year can be compared.

Upper limit for total principal sums invested for over 364 days

The authority will set an upper limit for each forward financial year period for the maturing of investments made for a period longer than 364 days. This indicator is referred to as the prudential limit for Principal Sums Invested for periods longer than 364 days.

The purpose of this indicator is so the authority can contain its exposure to the possibility of loss that might arise as a result of its having to seek early repayment or redemption of principal sums invested.

Maturity structure of new borrowing

The authority will set for the forthcoming financial year both upper and lower limits with respect to the maturity structure of its borrowing. These indicators are referred to as the Upper and Lower limits respectively for the Maturity Structure of Borrowing.

Local Prudential Indicators

The Council has not yet introduced Local Prudential Indicators to reflect local circumstances, but will review on a regular basis the need for these in the future.

Appendix B

Minimum Revenue Provision Strategy

The Council implemented the new Minimum Revenue Provision (MRP) guidance in 2011/12 and has assessed its MRP for 2020/21 in accordance with the main recommendations contained within the guidance issued by the Secretary of State under section 21(1A) of the Local Government Act 2003.

The Council is required to make provision for repayment of an element of the accumulated General Fund capital spend each year through a revenue charge (the Minimum Revenue Provision - MRP).

MHCLG Regulations require full Council to approve an MRP Statement, in advance of each year. If the Council wishes to amend its policy during the year this would need to be approved by full Council. A variety of options are available to councils to replace the previous Regulations, so long as there is a prudent provision. The options are:

- **Option 1:** Regulatory Method – can only be applied to capital expenditure incurred prior to April 2008 or Supported Capital Expenditure. This is calculated as 4% of the non-housing CFR at the end of the preceding financial year, less some transitional factors relating to the movement to the new Prudential Code in 2003.
- **Option 2:** CFR Method – a provision equal to 4% of the non-housing CFR at the end of the preceding financial year.
- **Option 3:** Asset Life Method – MRP is calculated based on the life of the asset, on either an equal instalment or an annuity basis.
- **Option 4:** Depreciation Method – MRP is calculated in accordance with the depreciation accounting required for the asset.

Options 1 and 2 may be used only for supported expenditure, which is capital expenditure for which the Council has been notified by Government that the costs of that expenditure will be taken into account in the calculation of Government funding due to the Council.

It is important to note that the Council can deviate from these options provided that the approach taken ensures that there is a prudent provision. The Council has historically followed option 1 for supported expenditure based on the level of support provided by Government through Revenue Support Grant (RSG).

The assets created or acquired under Supported Capital Expenditure predominantly had long asset lives of c. 50 years, such as land or buildings, and an MRP of 4% suggests a significantly shorter asset life. As the level of notional RSG the Council receives has reduced in recent years, it was considered prudent to review the approach to MRP on supported borrowing to reflect the Government support received.

It was therefore agreed that from 2017/18 a provision of 2% of the non-housing CFR as at the end of the preceding financial year is to be made. This is in line with many other local authorities who have reviewed the basis for their MRP and have applied similarly revised policies.

It is the Council's policy that MRP relating to an asset will start to be incurred in the year after the capital expenditure on the asset is incurred or, in the case of new assets, in the year following the asset coming into use, in accordance with MHCLG's guidance.

The Council recognises that there are different categories of capital expenditure, for which it will incur MRP as follows:

- For non HRA Supported Capital Expenditure: MRP policy will be charged at a rate of 2% on a similar basis to option 1 of the guidance (the regulatory method) but at a lower rate, better reflecting the asset lives of the assets funded through Supported Borrowing.
- For non HRA unsupported capital expenditure incurred the MRP policy will be:
 - Asset Life Method – MRP will be based on a straight line basis or annuity method so linking the MRP to the future flow of benefits from the asset, dependant on the nature of the capital expenditure, in accordance with option 3 of the guidance.
 - If the expenditure is capital by virtue of a Ministerial direction, has been capitalised under a Capitalisation Directive, or does not create a council asset, MRP will be provided in accordance with option 3 of the guidance with asset lives calculated as per the table below:

Expenditure type	Maximum period over which MRP to be made
Expenditure capitalised by virtue of a direction under s16 (2) (b).	20 years.
Regulation 25(1) (a). Expenditure on computer programs.	Same period as for computer hardware.
Regulation 25(1) (b). Loans and grants towards capital expenditure by third parties.	The estimated life of the assets in relation to which the third party expenditure is incurred.
Regulation 25(1) (c). Repayment of grants and loans for capital expenditure.	25 years or the period of the loan if longer.
Regulation 25(1) (d). Acquisition of share or loan capital.	20 years, or the estimated life of the asset acquired.
Regulation 25(1) (e). Expenditure on works to assets not owned by the authority.	The estimated life of the assets.
Regulation 25(1) (ea). Expenditure on assets for use by others.	The estimated life of the assets.

Regulation 25(1) (f). Payment of levy on Large Scale Voluntary Transfers (LSVTs) of dwellings.	25 years.
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- For PFI service concessions and some lessee interests: Following the move to International Accounting Standards arrangements under private finance initiatives (PFIs) service concessions and some lessee interests (including embedded leases) are accounted for on the Council's Balance Sheet, and with the introduction of IFRS16 (Leasing) from the 1st of April 2020 more lessee leases will be classified in a similar way. Where this occurs, a part of the contract charge or rent payable will be taken to reduce the Balance Sheet liability rather than being charged as revenue expenditure. The MRP element of these schemes will be the amount of contract charge or rental payment charged against the Balance Sheet liability. This approach will produce an MRP charge comparable to that under option 3 in that it will run over the life of the lease or PFI scheme.

In some exceptional cases, the Council will deviate from the policy laid out above provided such exceptions remain prudent. Any exceptions are listed below:

- Where capital expenditure is incurred through providing loans to organisations, and where those loans are indemnified or have financial guarantees protecting against loss from a third party of high credit quality, no MRP will be charged in relation to the capital expenditure. Similarly, loans given by the Council where any losses incurred on the investment will impact solely on a third party, such as those provided under the City Deal arrangement with the HCA, will not require an MRP charge.

Appendix C

Treasury Management Policy Statement

1. This organisation defines its treasury management activities as:
The management of the organisation'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.
2. This organisation 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.
3. This organisation 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.

The Council will invest its monies prudently, considering security first, liquidity second, and yield last, carefully considering its investment counterparties. It will similarly borrow monies prudently and consistent with the Council's service objectives.

Appendix D

Treasury Management Scheme of Delegation

- i **Full Council**
 - receiving and reviewing reports on treasury management policies, practices and activities
 - approval of annual strategy

- ii **Responsible body – Audit Committee**
 - 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
 - approving the selection of external service providers and agreeing terms of appointment

- iii **Body with responsibility for scrutiny - Resource and Governance Scrutiny Committee**
 - reviewing the treasury management policy and procedures and making recommendations to the responsible body

- iv **Deputy Chief Executive and City Treasurer**
 - delivery of the function

Appendix E

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

The points noted above reflect the specific responsibilities of the S151 Officer prior to the 2017 CIPFA Treasury Management Code revisions. The CIPFA Prudential Code revision which followed the MHCLG revised guidance on local government investments represents a major extension of the functions of the S151 Officer role, especially in respect of non-financial investments which CIPFA define as being part of treasury management.

The additional functions of the S151 Officer role are:

- preparation of a capital strategy with a long term timeframe to include capital expenditure, capital financing, non-financial investments and treasury management
- 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 including investment and risk management criteria for any material non-treasury investment portfolios;
 - Performance measurement and management including methodology and criteria for assessing the performance and success of non-treasury investments;
 - Decision making, governance and organisation 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 including where and how often monitoring reports are taken;
 - Training and qualifications including how the relevant knowledge and skills in relation to non-treasury investments will be arranged.

Appendix F

Economic Background as at December 2019 – Link Asset Services

UK. Brexit. 2019 has been a year of upheaval on the political front as Theresa May resigned as Prime Minister to be replaced by Boris Johnson on a platform of the UK leaving the EU on 31 October 2019, with or without a deal. However, MPs blocked leaving on that date and the EU agreed an extension to 31 January 2020. In late October, MPs approved an outline of a Brexit deal to enable the UK to leave the EU on 31 January. Now that the Conservative Government has gained a large overall majority in the **general election** on 12 December, this outline deal will be passed by Parliament by that date. However, there will still be much uncertainty as the detail of a trade deal will need to be negotiated by the current end of the transition period in December 2020, which the Prime Minister has pledged he will not extend. This could prove to be an unrealistically short timetable for such major negotiations that leaves open two possibilities; one, the need for an extension of negotiations, probably two years, or, a no deal Brexit in December 2020.

GDP growth has taken a hit from Brexit uncertainty during 2019; quarter three 2019 surprised on the upside by coming in at +0.4% q/q, +1.1% y/y. However, the peak of Brexit uncertainty during the final quarter appears to have suppressed quarterly growth to probably around zero. The economy is likely to tread water in 2020, with tepid growth around about 1% until there is more certainty after the trade deal deadline is passed.

While the Bank of England went through the routine of producing another **quarterly Inflation Report**, (now renamed the Monetary Policy Report), on 7 November, it is very questionable how much all the writing and numbers were worth when faced with the uncertainties of where the UK will be after the general election. The Bank made a change in their Brexit assumptions to now include a deal being eventually passed. Possibly the biggest message that was worth taking note of from the Monetary Policy Report, was an increase in concerns among MPC members around weak global economic growth and the potential for Brexit uncertainties to become entrenched and so delay UK economic recovery. Consequently, the MPC voted 7-2 to maintain Bank Rate at 0.75% but two members were sufficiently concerned to vote for an immediate Bank Rate cut to 0.5%. The MPC warned that if global growth does not pick up or Brexit uncertainties intensify, then a rate cut was now more likely. Conversely, if risks do recede, then a more rapid recovery of growth will require gradual and limited rate rises. The speed of recovery will depend on the extent to which uncertainty dissipates over the final terms for trade between the UK and EU and by how much global growth rates pick up. The Bank revised its inflation forecasts down – to 1.25% in 2019, 1.5% in 2020, and 2.0% in 2021; hence, the MPC views inflation as causing little concern in the near future.

The **MPC meeting of 19 December** repeated the previous month's vote of 7-2 to keep Bank Rate on hold. Their key view was that there was currently 'no evidence about the extent to which policy uncertainties among companies and households had declined' i.e. they were going to sit on their hands and see how the economy goes in the next few months. The two members who voted for a cut were concerned that the labour market was faltering. On the other hand, there was a clear warning in the

minutes that the MPC were concerned that “domestic unit labour costs have continued to grow at rates above those consistent with meeting the inflation target in the medium term”.

If economic growth were to weaken considerably, the MPC has relatively little room to make a big impact with Bank Rate still only at 0.75%. It would therefore, probably suggest that it would be up to the Chancellor to provide help to support growth by way of a **fiscal boost** by e.g. tax cuts, increases in the annual expenditure budgets of government departments and services and expenditure on infrastructure projects, to boost the economy. The Government has already made moves in this direction and it made significant promises in its election manifesto to increase government spending by up to £20bn p.a., (this would add about 1% to GDP growth rates), by investing primarily in infrastructure. This is likely to be announced in the next Budget, probably in February 2020. The Chancellor has also amended the fiscal rules in November to allow for an increase in government expenditure.

As for **inflation** itself, CPI has been hovering around the Bank of England’s target of 2% during 2019, but fell again in both October and November to a three-year low of 1.5%. It is likely to remain close to or under 2% over the next two years and so, it does not pose any immediate concern to the MPC at the current time. However, if there was a hard or no deal Brexit, inflation could rise towards 4%, primarily because of imported inflation on the back of a weakening pound.

With regard to the **labour market**, growth in numbers employed has been quite resilient through 2019 until the three months to September where it fell by 58,000. However, there was an encouraging pick up again in the three months to October to growth of 24,000, which showed that the labour market was not about to head into a major downturn. The unemployment rate held steady at a 44-year low of 3.8% on the Independent Labour Organisation measure in October. Wage inflation has been steadily falling from a high point of 3.9% in July to 3.5% in October (3-month average regular pay, excluding bonuses). This meant that in real terms, (i.e. wage rates higher than CPI inflation), earnings grew by about 2.0%. As the UK economy is very much services sector driven, an increase in household spending power is likely to feed through into providing some support to the overall rate of economic growth in the coming months. The other message from the fall in wage growth is that employers are beginning to find it easier to hire suitable staff, indicating that supply pressure in the labour market is easing.

USA. President Trump’s massive easing of fiscal policy in 2018 fuelled a temporary boost in consumption in that year which generated an upturn in the rate of growth to a robust 2.9% y/y. **Growth** in 2019 has been falling after a strong start in quarter 1 at 3.1%, (annualised rate), to 2.0% in quarter 2 and then 2.1% in quarter 3. The economy looks likely to have maintained a growth rate similar to quarter 3 into quarter 4; fears of a recession have largely dissipated. The strong growth in employment numbers during 2018 has weakened during 2019, indicating that the economy had been cooling, while inflationary pressures were also weakening. However, CPI inflation rose from 1.8% to 2.1% in November, a one year high, but this was singularly caused by a rise in gasoline prices.

The Fed finished its series of increases in rates to 2.25 – 2.50% in December 2018.

In July 2019, it cut rates by 0.25% as a 'midterm adjustment' but flagged up that this was not intended to be seen as the start of a series of cuts to ward off a downturn in growth. It also ended its programme of quantitative tightening in August, (reducing its holdings of treasuries etc.). It then cut rates by 0.25% again in September and by another 0.25% in its October meeting to 1.50 – 1.75%. At its September meeting it also said it was going to **start buying Treasuries again**, although this was not to be seen as a resumption of quantitative easing but rather an exercise to relieve liquidity pressures in the repo market. Despite those protestations, this still means that the Fed is again expanding its balance sheet holdings of government debt. In the first month, it will buy \$60bn, whereas it had been reducing its balance sheet by \$50bn per month during 2019. As it will be buying only short-term (under 12 months) Treasury bills, it is technically correct that this is not quantitative easing (which is purchase of long term debt). The Fed left rates unchanged in December. However, the accompanying statement was more optimistic about the future course of the economy so this would indicate that further cuts are unlikely.

Investor confidence has been badly rattled by the progressive ramping up of increases in tariffs President Trump has made on Chinese imports and China has responded with increases in tariffs on American imports. This **trade war** is seen as depressing US, Chinese and world growth. In the EU, it is also particularly impacting Germany as exports of goods and services are equivalent to 46% of total GDP. It will also impact developing countries dependent on exporting commodities to China.

However, in November / December, progress has been made on agreeing a phase one deal between the US and China to roll back some of the tariffs; this gives some hope of resolving this dispute.

EUROZONE. Growth has been slowing from +1.8 % during 2018 to around half of that in 2019. Growth was +0.4% q/q (+1.2% y/y) in quarter 1, +0.2% q/q (+1.2% y/y) in quarter 2 and then +0.2% q/q, +1.1% in quarter 3; there appears to be little upside potential in the near future. German GDP growth has been struggling to stay in positive territory in 2019 and fell by -0.1% in quarter 2; industrial production was down 4% y/y in June with car production down 10% y/y. Germany would be particularly vulnerable to a no deal Brexit depressing exports further and if President Trump imposes tariffs on EU produced cars.

The European Central Bank (ECB) ended its programme of quantitative easing purchases of debt in December 2018, which then meant that the central banks in the US, UK and EU had all ended the phase of post financial crisis expansion of liquidity supporting world financial markets by quantitative easing purchases of debt. However, the downturn in EZ growth in the second half of 2018 and into 2019, together with inflation falling well under the upper limit of its target range of 0 to 2%, (but it aims to keep it near to 2%), has prompted the ECB to take new measures to stimulate growth. At its March meeting it said that it expected to leave interest rates at their present levels "at least through the end of 2019", but that was of little help to boosting growth in the near term. Consequently, it announced a **third round of Targeted Long Term Refinancing Operations**; this provides banks with cheap borrowing every three months from September 2019 until March 2021 that means that, although they will have only a two-year maturity, the Bank was making funds available until 2023, two years later than under its previous policy. As with the last

round, the new TLTROs will include an incentive to encourage bank lending, and they will be capped at 30% of a bank's eligible loans. However, since then, the downturn in EZ and world growth has gathered momentum; at its meeting on 12 September it cut its deposit rate further into negative territory, from -0.4% to -0.5%, and announced a **resumption of quantitative easing purchases of debt for an unlimited period**. At its October meeting it said these purchases would start in November at €20bn per month - a relatively small amount compared to the previous buying programme. It also increased the maturity of the third round of TLTROs from two to three years. However, it is doubtful whether this loosening of monetary policy will have much impact on growth and, unsurprisingly, the ECB stated that governments would need to help stimulate growth by 'growth friendly' fiscal policy.

There were no policy changes in the December meeting, which was chaired for the first time by the new President of the ECB, Christine Lagarde. However, the outlook continued to be down beat about the economy; this makes it likely there will be further monetary policy stimulus to come in 2020. She did also announce a thorough review of how the ECB conducts monetary policy, including the price stability target. This review is likely to take all of 2020.

On the political front, Austria, Spain and Italy have been in the throes of **forming coalition governments** with some unlikely combinations of parties i.e. this raises questions around their likely endurance. The latest results of German state elections has put further pressure on the frail German CDU/SDP coalition government and on the current leadership of the CDU. The results of the Spanish general election in November have not helped the prospects of forming a stable coalition.

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 shadow banking systems. In addition, there still needs to be a greater switch from investment in industrial capacity, property construction and infrastructure to consumer goods production.

JAPAN - has been struggling to stimulate consistent significant GDP growth and 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.

WORLD GROWTH. Until recent years, world growth has been boosted by increasing **globalisation** i.e. countries specialising in producing goods and commodities in which they have an economic advantage and which they then trade with the rest of the world. This has boosted worldwide productivity and growth, and, by lowering costs, has also depressed inflation. However, the rise of China as an economic superpower over the last thirty years, which now accounts for nearly 20% of total world GDP, has unbalanced the world economy. The Chinese government has targeted achieving major world positions in specific key sectors and products, especially high tech areas and production of rare earth minerals used in high tech products. It is achieving this by massive financial support, (i.e. subsidies), to state owned firms, government directions to other firms, technology theft, restrictions on market access by foreign firms and informal targets for the domestic market share of

Chinese producers in the selected sectors. This is regarded as being unfair competition that is putting western firms at an unfair disadvantage or even putting some out of business. It is also regarded with suspicion on the political front as China is an authoritarian country that is not averse to using economic and military power for political advantage. The current trade war between the US and China therefore needs to be seen against that backdrop. It is, therefore, likely that we are heading into a period where there will be a **reversal of world globalisation and a decoupling of western countries** from dependence on China to supply products. This is likely to produce a backdrop in the coming years of weak global growth and so weak inflation. **Central banks are, therefore, likely to come under more pressure to support growth by looser monetary policy measures and this will militate against central banks increasing interest rates.**

The trade war between the US and China is a major concern to **financial markets** due to the synchronised general weakening of growth in the major economies of the world, compounded by fears that there could even be a recession looming up in the US, though this is probably overblown. These concerns resulted in **government bond yields** in the developed world falling significantly during 2019. If there were a major worldwide downturn in growth, central banks in most of the major economies will have limited ammunition available, in terms of monetary policy measures, when rates are already very low in most countries, (apart from the US). There are also concerns about how much distortion of financial markets has already occurred with the current levels of quantitative easing purchases of debt by central banks and the use of negative central bank rates in some countries. The latest PMI survey statistics of economic health for the US, UK, EU and China have all been predicting a downturn in growth; this confirms investor sentiment that the outlook for growth during the year ahead is weak.

INTEREST RATE FORECASTS

The interest rate forecasts provided by Link Asset Services are **predicated on an assumption of an agreement being reached on Brexit between the UK and the EU.** On this basis, while GDP growth is likely to be subdued in 2019 and 2020 due to all the uncertainties around Brexit depressing consumer and business confidence, an agreement on the detailed terms of a trade deal is likely to lead to a boost to the rate of growth in subsequent years. This could, in turn, increase inflationary pressures in the economy and so cause the Bank of England to resume a series of gentle increases in Bank Rate. Just how fast, and how far, those increases will occur and rise to, will be data dependent. The forecasts in this report assume a modest recovery in the rate and timing of stronger growth and in the corresponding response by the Bank in raising rates.

- In the event of an **orderly non-agreement exit in December 2020**, it is likely that the Bank of England would take action to cut Bank Rate from 0.75% in order to help economic growth deal with the adverse effects of this situation. This is also likely to cause short to medium term gilt yields to fall.
- If there were a **disorderly Brexit**, then any cut in Bank Rate would be likely to last for a longer period and also depress short and medium gilt yields correspondingly. Quantitative easing could also be restarted by the Bank of

England. It is also possible that the government could act to protect economic growth by implementing fiscal stimulus.

The balance of risks to the UK

- The overall balance of risks to economic growth in the UK is probably even, but dependent on a successful outcome of negotiations on a trade deal.
- The balance of risks to increases in Bank Rate and shorter term PWLB rates are broadly similarly to the downside.
- In the event that a Brexit deal was agreed with the EU and approved by Parliament, the balance of risks to economic growth and to increases in Bank Rate is likely to change to the upside.

One risk that is both an upside and downside risk, is that all central banks are now working in very different economic conditions than before the 2008 financial crash as there has been a major increase in consumer and other debt due to the exceptionally low levels of borrowing rates that have prevailed since 2008. This means that the neutral rate of interest in an economy, (i.e. the rate that is neither expansionary nor deflationary), is difficult to determine definitively in this new environment, although central banks have made statements that they expect it to be much lower than before 2008. Central banks could therefore either over or under do increases in central interest rates.

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

- **Brexit** – if it were to cause significant economic disruption and a major downturn in the rate of growth.
- **Bank of England** takes action too quickly, or too far, 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.
- A resurgence of the **Eurozone sovereign debt crisis**. In 2018, Italy was a major concern due to having a populist coalition government which made a lot of anti-austerity and anti-EU noise. However, in September 2019 there was a major change in the coalition governing Italy which has brought to power a much more EU friendly government; this has eased the pressure on Italian bonds. Only time will tell whether this new coalition based on an unlikely alliance of two very different parties will endure.
- Weak capitalisation of some **European banks**, particularly Italian banks.
- **German minority government**. In the German general election of September 2017, Angela Merkel's CDU party was left in a vulnerable minority position dependent on the fractious support of the SPD party, as a result of the rise in popularity of the anti-immigration AfD party. The CDU has done badly in recent state elections but the SPD has done particularly badly and this has raised a major question mark over continuing to support the CDU. Angela Merkel has stepped down from being the CDU party leader but she intends to remain as Chancellor until 2021.
- **Other minority EU governments**. Austria, Finland, Sweden, Spain, Portugal, Netherlands and Belgium also have vulnerable minority governments dependent on coalitions which could prove fragile.

- **Austria, the Czech Republic, Poland and Hungary** now form a strongly anti-immigration bloc within the EU. There has also been rising anti-immigration sentiment in Germany and France.
- In October 2019, the IMF issued a report on the World Economic Outlook which flagged up a synchronised slowdown in world growth. However, it also flagged up that there was **potential for a rerun of the 2008 financial crisis**, but this time centred on the huge debt binge accumulated by corporations during the decade of low interest rates. This now means that there are corporates who would be unable to cover basic interest costs on **some \$19trn of corporate debt in major western economies**, if world growth was to dip further than just a minor cooling. This debt is mainly held by the shadow banking sector i.e. pension funds, insurers, hedge funds, asset managers etc., who, when there is \$15trn of corporate and government debt now yielding negative interest rates, have been searching for higher returns in riskier assets. Much of this debt is only marginally above investment grade so any rating downgrade could force some holders into a fire sale, which would then depress prices further and so set off a spiral down. The IMF's answer is to suggest imposing higher capital charges on lending to corporates and for central banks to regulate the investment operations of the shadow banking sector. In October 2019, the deputy Governor of the Bank of England also flagged up the dangers of banks and the shadow banking sector lending to corporates, especially highly leveraged corporates, which had risen back up to near pre-2008 levels.
- **Geopolitical risks**, for example in North Korea, but also in Europe and the Middle East, which could lead to increasing safe haven flows.

Upside risks to current forecasts for UK gilt yields and PWLB rates

- **Brexit** – if agreement was reached all round that removed all threats of economic and political disruption between the EU and the UK.
- The **Bank of England is too slow** in its pace and strength of increases in Bank Rate and, therefore, allows inflationary 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**, whether domestically generated or imported, returning to sustained significantly higher levels causing an increase in the inflation premium inherent to gilt yields.

Appendix G

Prospects for Interest Rates

The data below shows the latest interest rate forecast from the Council's treasury management advisors, Link Asset Services, dated 11th November 2019.

Link Asset Services Interest Rate View

%	Mar-20	Jun-20	Sep-20	Dec-20	Mar-21	Jun-21	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23
Bank Rate View	0.75	0.75	0.75	0.75	1.00	1.00	1.00	1.00	1.00	1.25	1.25	1.25	1.25
3 Month LIBID	0.70	0.70	0.80	0.90	1.00	1.00	1.00	1.10	1.20	1.30	1.30	1.30	1.30
6 Month LIBID	0.80	0.80	0.90	1.00	1.10	1.10	1.20	1.30	1.40	1.50	1.50	1.50	1.50
12 Month LIBID	1.00	1.00	1.10	1.20	1.30	1.30	1.40	1.50	1.60	1.70	1.70	1.70	1.70
5yr PWLB rate	2.40	2.40	2.50	2.50	2.60	2.70	2.80	2.90	2.90	3.00	3.10	3.20	3.20
10yr PWLB rate	2.70	2.70	2.70	2.80	2.90	3.00	3.10	3.20	3.20	3.30	3.30	3.40	3.50
25yr PWLB rate	3.30	3.40	3.40	3.50	3.60	3.70	3.70	3.80	3.90	4.00	4.00	4.10	4.10
50yr PWLB rate	3.20	3.30	3.30	3.40	3.50	3.60	3.60	3.70	3.80	3.90	3.90	4.00	4.00

Please Note – The current PWLB rates and forecast shown above have taken into account the 20 basis point certainty rate reduction effective as of the 1st November 2012.

Appendix H

Glossary of Terms

Authorised Limit - This Prudential Indicator represents the limit beyond which borrowing is prohibited, and needs to be set and revised by Members. It reflects the level of borrowing which, while not desired, could be afforded in the short term, but is not sustainable. It is the expected maximum borrowing need, with some headroom for unexpected movements.

Bank Rate - the rate at which the Bank of England offers loans to the wholesale banks, thereby controlling general interest rates in the economy.

Counterparty - one of the opposing parties involved in a borrowing or investment transaction.

Covered Bonds - Debt instruments secured by assets such as mortgage loans. These loans remain on the issuer's balance sheet and investors have a preferential claim in the event of the issuing institution defaulting.

Credit Rating - A qualified assessment and formal evaluation of an institution's (bank or building society) credit history and capability of repaying obligations. It measures the probability of the borrower defaulting on its financial obligations, and its ability to repay these fully and on time.

Discount - Where the prevailing interest rate is higher than the fixed rate of a long-term loan, which is being repaid early, the lender can refund the borrower a discount, the calculation being based on the difference between the two interest rates over the remaining years of the loan, discounted back to present value. The lender is able to offer the discount, as their investment will now earn more than when the original loan was taken out.

Fixed Rate Funding - A fixed rate of interest throughout the time of the loan. The rate is fixed at the start of the loan and therefore does not affect the volatility of the portfolio, until the debt matures and requires replacing at the interest rates relevant at that time.

Gilts - The loan instruments by which the Government borrows. Interest rates will reflect the level of demand shown by investors when the Government auctions Gilts.

High/Low Coupon - High/Low interest rate

LIBID (London Interbank Bid Rate) - This is an average rate, calculated from the rates at which individual major banks in London are willing to borrow from other banks for a particular time period. For example, 6 month LIBID is the average rate at which banks are willing to pay to borrow for 6 months.

LIBOR (London Interbank Offer Rate) - This is an average rate, calculated from the rates which major banks in London estimate they would be charged if they borrowed

from other banks for a particular time period. For example, 6 month LIBOR is the average rate which banks believe they will be charged for borrowing for 6 months.

Liquidity - The ability of an asset to be converted into cash quickly and without any price discount. The more liquid a business is, the better able it is to meet short-term financial obligations.

LOBO (Lender Option Borrower Option) - This is a type of loan where, at various periods known as call dates, the lender has the option to alter the interest rate on the loan. Should the lender exercise this option, the borrower has a corresponding option to repay the loan in full without penalty.

Market - The private sector institutions - Banks, Building Societies etc.

Maturity Profile/Structure - an illustration of when debts are due to mature, and either have to be renewed or money found to pay off the debt. A high concentration in one year will make the Council vulnerable to current interest rates in that year.

Monetary Policy Committee - the independent body that determines Bank Rate.

Money Market Funds - Investment instruments that invest in a variety of institutions, therefore diversifying the investment risk.

Operational Boundary – This Prudential Indicator is based on the probable external debt during the course of the year. It is not a limit and actual borrowing could vary around this boundary for short times during the year. It should act as an indicator to ensure the Authorised Limit is not breached.

Premium - Where the prevailing current interest rate is lower than the fixed rate of a long-term loan, which is being repaid early, the lender can charge the borrower a premium, the calculation being based on the difference between the two interest rates over the remaining years of the loan, discounted back to present value. The lender may charge the premium, as their investment will now earn less than when the original loan was taken out.

Prudential Code - The Local Government Act 2003 requires the Council to 'have regard to' the Prudential Code and to set Prudential Indicators for the next three years to ensure that the Council's capital investment plans are affordable, prudent and sustainable.

PWLB - Public Works Loan Board. Part of the Government's Debt Management Office, which provides loans to public bodies at rates reflecting those at which the Government is able to sell Gilts.

Specified Investments - Sterling investments of not more than one-year maturity. These are considered low risk assets, where the possibility of loss of principal or investment income is very low.

Non-specified investments - Investments not in the above, specified category, e.g., foreign currency, exceeding one year or outside our minimum credit rating criteria.

Treasury Bills - These are marketable securities issued by the UK Government and as such counterparty and liquidity risk is very low.

Variable Rate Funding - The rate of interest either continually moves reflecting interest rates of the day, or can be tied to specific dates during the loan period. Rates may be updated on a monthly, quarterly or annual basis.

Volatility - The degree to which the debt portfolio is affected by current interest rate movements. The more debt maturing within the coming year and needing replacement, and the more debt subject to variable interest rates, the greater the volatility.

Yield Curve - A graph of the relationship of interest rates to the length of the loan. A normal yield curve will show interest rates relatively low for short-term loans compared to long-term loans. An inverted Yield Curve is the opposite of this.

Appendix I

Treasury Management Implications of HRA Reform

As discussed in Section 5 of the report, the reform of the HRA finance system has consequences for the treasury management of the Council. As part of the reform, the HRA's debt portfolio needs to be separately identifiable to that of the General Fund, and the HRA will hold some autonomy over the management of its debt portfolio. However, in order to ensure that the treasury management function of the Council remains effective and provides value for money, and given that the Section 151 officer for both the General Fund and the HRA is the Deputy Chief Executive and City Treasurer, the HRA's treasury portfolio must be run in the context of the overall Council portfolio.

This appendix seeks to explain how the debt portfolio of the Council has been split between the General Fund and the HRA, and how the HRA treasury position will be managed going forward.

The Portfolio Split

One of the principles behind the reform of HRA finance was to provide some level of treasury autonomy for the HRA, separating its debt from the Council's so that its treasury position could be managed separately. To achieve this, the debt portfolio was to be split at the point that the debt settlement was made.

On the 28 March 2012, the Council received c. £294m which was to be used to reduce the debt held by the Council. The table below shows the Council's treasury portfolio before and after the settlement:

	Pre reform		Post reform
	£'000		£'000
PWLB	199,966		0
Market	549,640		480,215
Stock	8,159		8,159
Gross Debt	757,765		488,374
Deposits	-17,954		-42,839
Net Debt	739,811		445,535

At this point, the debt was to be split according to the relative capital financing requirements (CFRs) of both the General Fund and the HRA. The cash remainder of the settlement could not be used to redeem further market debt so, to ensure that the HRA CFR fell by the full level of the settlement, a notional transaction took place. An amount of debt equivalent to the cash remainder was transferred from the HRA to the General Fund, alongside the cash. This had a neutral effect on the General Fund's net debt.

The table below shows the CFRs before and after the debt settlement, with the HRA CFR falling by the settlement:

CFRs	Pre reform		Post reform	% of total
	<i>£'000</i>		<i>£'000</i>	
General Fund	675,454		675,454	84.47%
HRA	418,463		124,187	15.53%
Total	1,093,917		799,641	100.00%
<i>Of which financed:</i>			488,374	
<i>Of which unfinanced:</i>			311,267	

As can be seen from the tables below, the debt was to split in a ratio of 84.47:15.53 between the General Fund and the HRA, including the unfinanced CFR element. This is the level of internal borrowing undertaken in lieu of external borrowing, through the use of cash balances to fund expenditure rather than external borrowing. It was decided, for administrative reasons, that all of the Council's remaining stock debt should be held by the General Fund, which increased the relative level of unfinanced CFR held by the HRA.

The final split of the debt portfolio is shown in the table below:

	General Fund	HRA	Total
	<i>£'000</i>	<i>£'000</i>	<i>£'000</i>
Market	405,636	74,579	480,215
<i>% of total market</i>	<i>84.47%</i>	<i>15.53%</i>	
Stock	8,159	0	8,159
<i>% of stock</i>	<i>100.00%</i>	<i>0.00%</i>	
Total Loans	413,795	74,579	488,374
<i>% of total loans</i>	<i>84.73%</i>	<i>15.27%</i>	
Unfinanced CFR	261,659	49,608	311,267
<i>% of unfinanced CFR</i>	<i>84.06%</i>	<i>15.94%</i>	
Total CFR	675,454	124,187	799,641
<i>% of total CFR</i>	<i>84.47%</i>	<i>15.53%</i>	

Future HRA borrowing

Following the split of the portfolio, the HRA can make borrowing decisions according to the needs of their business plan, provided those decisions are aligned with their treasury strategy and are agreed by the Section 151 officer. The amounts and maturity periods of any future loans will be determined by the HRA, in conjunction with the Treasury Management team and the Deputy Chief Executive and City Treasurer. Any future borrowing made by the Council will be for either the General Fund or the HRA and not for the Council in general.

Use of Temporary Cash Balances and Temporary Borrowing

Although the HRA's treasury position is now independent of the General Fund, both are managed in the name of the Council as a whole. As such, the day to day treasury position of the Council, whilst having regard to the impact on the HRA and the General Fund, will be run on a Council basis – this simplifies the risk management of the treasury position, and should help to ensure that the treasury function is providing value for money.

To achieve this, the General Fund will deposit and temporarily borrow externally, but the HRA will only be able to deposit with the General Fund and, should it be required, will only be able to access temporary borrowing through the General Fund. In order to ensure that this is fair, interest rates will be applied to any such internal transfers, as summarised below:

- If the General Fund has temporary investments, HRA investments with the General Fund will earn – ***average portfolio temporary investment rate***
- If the General Fund does not have temporary investments, HRA investments with the General Fund will earn – ***7-day LIBID***
- If the General Fund has temporary borrowing, HRA temporary borrowing from the General Fund will be charged – ***average portfolio temporary borrowing rate***
- If the General fund does not have temporary borrowing, HRA temporary borrowing from the General Fund will be charged – ***7-day LIBOR***

The market rates to be used (7-day LIBID and LIBOR) are the benchmark rates used by the Council for investments and temporary borrowing.

Future Reporting

The intention is to continue to report to Members the overall treasury position of the Council, including both the General Fund and the HRA. Separate reports will be provided on the General Fund and the HRA, when required.