Half Year Treasury Management Report for 2019/20

Annex 1

INDEX

1. Economics and interest rates *[Provided by Link Asset Services]*

1.1 Economics update

UK. This first half year has been a time 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 or 31 October, with or without a deal. However, so far, there has been no majority of MPs for any one option to move forward on enabling Brexit to be implemented. At the time of writing, (first week in September), the whole political situation in the UK over **Brexit** is highly fluid and could change radically by the day. The vote in the Commons on 3 September looks likely to lead to a delay in the date for Brexit to 31 January 2020, but there is also likelihood that there will be an imminent general election. In such circumstances, any interest rate forecasts are subject to material change as the situation evolves. At present, if the UK does soon achieve an agreed deal on Brexit, including some additional clarification wording on the Irish border backstop, then it is possible that growth could recover quickly. The MPC could then need to address the issue of whether to raise Bank Rate when there is very little slack left in the labour market; this could cause wage inflation to accelerate which would then feed through into general inflation. On the other hand, if there was a no deal Brexit and there was a significant level of disruption to the economy, then growth could falter and the MPC would be likely to cut Bank Rate in order to support growth. However, with Bank Rate still only at 0.75%, it has relatively little room to make a big impact and the MPC would probably suggest that it would be up to the Chancellor to provide help to support growth by way of a fiscal boost by way of tax cuts and / or expenditure on infrastructure projects, to boost the economy. However, infrastructure projects generally take a long time to plan and to start up, and so to feed through into impacting the economy; tax cuts would be much quicker in impacting the level of consumption in the economy.

The first half of 2019/20 has seen UK **economic growth** fall as Brexit uncertainty took a toll. In its Inflation Report of 1 August, the Bank of England was notably downbeat about the outlook for both the UK and major world economies. This mirrored investor confidence around the world which is now expecting a significant downturn or possibly even a recession in some developed economies. It was therefore no surprise that the Monetary Policy Committee (MPC) left Bank Rate unchanged at 0.75% throughout 2019, so far, and is expected to hold off on changes until there is some clarity on what is going to happen over Brexit.

As for **inflation** itself, CPI has been hovering around the Bank of England's target of 2% during 2019, (July 2.1%), and is likely to shift only a little upwards over the rest of 2019/20. It does not therefore pose any immediate concern to the MPC at the current time.

With regard to the **labour market,** despite the contraction in quarterly GDP growth of -0.2%q/q, (+1.2% y/y), in quarter 2, employment rose by 115,000 in the same quarter: this suggests that firms are preparing to expand output and suggests there could be a return to positive growth in quarter 3. Unemployment has continued near to a 44 year low, edging up from 3.8% to 3.9% on the Independent Labour Organisation measure in June; however, that was caused by a rise in the participation rate to an all-time high. Job vacancies fell for a sixth consecutive month, hitting record levels, and indicating that employers are having major difficulties filling job vacancies with suitable staff. It was therefore unsurprising that wage inflation picked up to a high point of 3.9%, (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 1.8%. 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. This could mean that the MPC will need to take action to raise Bank Rate if there is an agreed Brexit deal as it views wage inflation in excess of 3% as increasing inflationary pressures within the UK economy.

In the **political arena**, if there is a general election soon, this could result in a potential loosening of monetary policy and therefore medium to longer dated gilt yields could rise on the expectation of a weak pound and concerns around inflation picking up although, conversely, a weak international backdrop could provide further support for low yielding government bonds and gilts.

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 strong growth to 2.9% y/y. Growth in 2019 has been falling back after a strong start in quarter 1 at 3.1%, (annualised rate), to 2.0% in quarter 2. Quarter 3 is expected to fall further. 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 to be seen as the start of a series of cuts to ward off a downturn in growth. Financial markets are, however, expecting another cut in September. 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.

BOND YIELDS. It is this souring of investor confidence that has largely contributed to the sharp fall in bond yields on government debt in mid-2019 in the major western economies as investors have switched out of risky assets - equities, fearing an impending recession, and buying into bonds, so pushing their prices up and correspondingly, pushing yields down. Investors have little confidence that the US China trade war will have a satisfactory outcome in the near future and both sides look as if they are digging in to entrenched positions. However, most domestic US economic indicators are not currently pointing to a recession in the US, only to a slowing of growth. Provided the major world economies do avoid recession, then it is likely that there will be some reversal of this flow from equities into bonds and, therefore, that bond yields will recover to a limited extent from recent truly exceptional lows. However, the near-term reality is that we have seen 10 year bond yields fall below 2 year yields in the US; this has historically been a prime indicator of impending recession in the US, though this correlation has been much weaker in the UK. All German bond yields between 2 and 30 years are actually negative while many other EZ countries have bond yields which are also negative, at least in some maturity years.

EUROZONE. Growth has been slowing from +1.9% during 2018 to +0.4% q/q (+1.2% y/y) in quarter 1 and then to +0.2% q/q (+1.0% y/y) in quarter 2; there appears to be little upside potential to the growth rate in the rest of 2019. German GDP growth fell to -0.1% in quarter 2; industrial production was down 5.2% y/y in June with car production especially being hit. Germany would be particularly vulnerable to a no deal Brexit depressing exports further and if President Trump imposes tariffs on EU produced cars. The ECB meeting in July expressed concern as to the weak outlook for growth and how low inflation was despite all the monetary stimulus the bank still has in place. The ECB is therefore expected to take action to cut its main rate of -0.4% further, but only marginally, and to look at the potential for more quantitative easing and/or other instruments of monetary policy to provide further stimulus to economic growth. On the political front, Spain and Italy are in the throes of trying to form coalition governments while the very recent results of two German state elections will put further pressure on the frail German CDU/SDP coalition government.

CHINA. Economic growth has been weakening over successive years, despite repeated rounds of central bank stimulus; medium term risks are increasing. Major progress still needs to be made to eliminate excess industrial capacity and the stock of unsold property, and to address the level of non-performing loans in the banking and credit systems. The trade war with the US does not appear to have had a significant effect on GDP growth as yet as some of the impact of tariffs has been offset by falls in the exchange rate and by transhipping exports through other countries, rather than directly to the US.

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.

1.2 Interest rate forecasts

Link Asset Services Interest Rate View	Sep-19	Dec-19	Mar-20	Jun-20	Sep-20	Dec-20	Mar-21	Jun-21	Sep-21	Dec-21	Mar-22
Bank Rate View	0.75	0.75	0.75	0.75	0.75	1.00	1.00	1.00	1.00	1.00	1.25
3 Month LIBID	0.70	0.70	0.70	0.70	0.80	0.90	1.00	1.00	1.00	1.10	1.20
6 Month LIBID	0.80	0.80	0.80	0.80	0.90	1.00	1.10	1.10	1.20	1.30	1.40
12 Month LIBID	1.00	1.00	1.00	1.00	1.10	1.20	1.30	1.30	1.40	1.50	1.60
5yr PWLB Rate	1.20	1.30	1.50	1.60	1.70	1.70	1.80	1.90	2.00	2.00	2.10
10yr PWLB Rate	1.50	1.60	1.80	1.90	2.00	2.00	2.10	2.20	2.30	2.30	2.40
25yr PWLB Rate	2.10	2.30	2.40	2.50	2.60	2.70	2.70	2.80	2.90	3.00	3.00
50yr PWLB Rate	2.00	2.20	2.30	2.40	2.50	2.60	2.60	2.70	2.80	2.90	2.90

It has been little surprise that the Monetary Policy Committee (MPC) has left Bank Rate unchanged at 0.75% so far in 2019 due to the ongoing uncertainty over Brexit. In its last meeting on 1 August, the MPC became more dovish as it was more concerned about the outlook for both the global and domestic economies. That's shown in the policy statement, based on an assumption that there is an agreed deal on Brexit, where the suggestion that rates would need to rise at a "gradual pace and to a limited extent" is now also conditional on "some recovery in global growth". Brexit uncertainty has had a dampening effect on UK GDP growth in 2019, especially around mid-year. If there were a no deal Brexit, then it is likely that there will be a cut or cuts in Bank Rate to help support economic growth.
The above forecasts have been based on an assumption that there is some sort of muddle through to an agreed deal on Brexit. Given the current level of uncertainties, this is a huge assumption and so forecasts may need to be materially reassessed in the light of events over the next few weeks or months.

The balance of risks to the UK

- The overall balance of risks to economic growth in the UK is probably to the downside due to the weight of all the uncertainties over Brexit, as well as a softening global economic picture.
- The balance of risks to increases in Bank Rate and shorter term PWLB rates are currently a little below those to the downside.

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**, possibly **Italy**, due to its high level of government debt, low rate of economic growth and vulnerable banking system, and due to the election in March 2018 of a government which has made a lot of anti-austerity noise. The EU has had sharp disagreements in successive years with Italy over setting a budget within the limits of EU rules. (Early September – a new coalition government may be formed which would be less anti-EU.) The rating agencies have already downgraded Italian debt to one notch above junk level. If Italian debt were to fall below investment grade, many investors would be unable to hold Italian debt. Unsurprisingly, investors are becoming increasingly concerned by the actions of the Italian government and consequently, Italian bond yields have risen – at a time when the government faces having to refinance over €200bn of debt maturing in 2019. However, the biggest concern is the major holdings of Italian government debt held by Italian banks and insurers. Any downgrading of such debt would cause Italian bond prices to fall, causing losses on their portfolios, so reducing their capital and forcing them to sell bonds – which, in turn, would cause further falls in their prices etc. This is the so called **'doom loop'**. Due to the Italian government's already high level of debt, it would not be able to afford to bail out the banking system. **Portugal** faces the same problem as its debt is also only one notch above junk level.
- 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. Then in October 2018, the results of the Bavarian and Hesse state elections radically undermined the SPD party and showed a sharp fall in support for the CDU. As a result, the SPD had a major internal debate as to whether it could continue to support a coalition that is so damaging to its electoral popularity. After the result of the Hesse state election, Angela Merkel announced that she would not stand for re-election as CDU party leader at her party's convention in December 2018. However, this makes little practical difference as she has continued as Chancellor, though more recently concerns have arisen over her health. Early September 2019 – the results of the Saxony and Brandenburg regional elections were again very disappointing for the CDU and SPD; this will rejuvenate the tensions of October 2018 between these two parties that form the current coalition government.
- **Other minority EU governments.** Sweden, Spain, Portugal, Netherlands and Belgium all have vulnerable minority governments dependent on coalitions which could prove fragile.
- **Italy, Austria, the Czech Republic and Hungary** now form a strongly anti-immigration bloc within the EU. There has also been rising anti-immigration sentiment in Germany and France.
- The increases in interest rates in the US during 2018, combined with a trade war between the USA and China, sparked major volatility in equity markets during the final quarter of 2018 and into 2019. In mid-2019, investor fears of a looming recession have again sparked moves by investors out of riskier assets i.e. equities, into safe havens of government bonds of major western countries. Some **emerging market countries** which have borrowed heavily in dollar denominated debt could be particularly exposed to investor flight from equities to safe havens, typically US treasuries, German bunds and UK gilts.
- There are concerns around the level of **US corporate debt** which has swollen massively during the period of low borrowing rates in order to finance mergers and acquisitions. This has resulted in the debt of many large corporations being downgraded to a BBB credit rating, close to junk status. Indeed, 48% of total investment grade corporate debt is rated at BBB. If such corporations fail to generate profits and cash flow to reduce their debt levels as expected, this could

tip their debt into junk ratings which will increase their cost of financing and further negatively impact profits and cash flow.

- **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

2. APPENDICES

2.1 Capital Expenditure & Financing and Capital Financing Requirement (CFR)

Table 1: Capital Expenditure Programme

APPROVED CAPITAL EXPENDITURE PROGRAMME	2018/19	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
	Budget £'000	Actual £'000	Budget £'000	Projected £'000	Projected £'000	Projected £'000	Projected £'000
TMSS Capital Budget 2019/20	45,715	39,235	20,827	29,410	27,902	18,074	2,974
Approved Capital Growth	0	0	25,100	700	700	0	0
Total Capital Expenditure	**45,715**	**39,235**	**45,927**	**30,110**	**28,602**	**18,074**	**2,974**

Table 2: Capital Expenditure Financing

CAPITAL EXPENDITURE FINANCING	2018/2019	2018/2019	2019/20	2020/21	2021/22	2022/23	2023/2024
	Budget	Actual	Budget	Projected	Projected	Projected	Projected
	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Capital Reserves	21,825	-	1,017	153	6,123	-	-
Capital Receipts	290	20,133	362	19,681	11,570	15,576	476
Capital Grants & Contributions	3,599	3,966	3,048	2,776	2,654	2,498	2,498
Revenue Contribution	-	90	-	-	-	-	-
Total Financing	**25,715**	**24,189**	**4,427**	**22,610**	**20,346**	**18,074**	**2,974**
Borrowing Need	20,000	15,046	41,500	7,500	8,255	0	0
Total Expenditure	**45,715**	**39,235**	**45,927**	**30,110**	**28,602**	**18,074**	**2,974**

Table 3: Projected Capital Financing Requirement

CAPITAL FINANCING REQUIREMENT	2018/19 Budget	2018/19 Actual	2019/20 Budget	2020/21 Projected	2021/22 Projected	2022/23 Projected	2023/24 Projected
	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Opening Balance	0	0	15,046	56,358	63,148	70,586	69,652
CFR – General Fund	20,000	15,046	41,312	6,790	7,438	(935)	(951)
Total CFR	**20,000**	**15,046**	**56,358**	**63,148**	**70,586**	**69,652**	**68,700**
Movement in CFR	**20,000**	**15,046**	**41,312**	**6,790**	**7,438**	**(935)**	**(951)**

Movement in CFR represented by:							
Borrowing need for the year Details at Annex 1 table 2	20,000	15,046	41,500	7,500	8,255	0	0
Less MRP/VRP and other financing movements Basis: 1.8% PWLB Annuity rate	0	0	(188)	(710)	(817)	(935)	(951)
Movement in CFR	**20,000**	**15,046**	**41,312**	**6,790**	**7,438**	**(935)**	**(951)**

2.2 Prudential Indicators at 30 September 2019

Treasury Indicators	2019/20 Budget £'000	2019/20 Forecast £'000
Authorised limit for external debt	80,000	80,000
Operational boundary for external debt	70,000	70,000
Capital Financing Requirement	56,358	58,352
Gross External Debt (excl MRP)	41,500	43,494
Investments (Note 1)	143,280	143,380
Net Borrowing (Note 2)	**101,780**	**99,886**

Note 1 : Investments

	2019/20 Current Position £'000	2019/20 Forecast £'000
Loans to Subsidiary/Joint Venture Companies	3,972	4,022
Impairments	(185)	(185)
Investment Properties	95,493	95,543
Short Term Investments - Treasury	23,000	23,000
Long Term Investments - Treasury	13,000	13,000
Cash & Cash Equivalents	8,000	8,000
Total Investments	**143,280**	**143,380**

Note 2: Net Borrowing (defined as : External Debt less Investments)

Prudential Indicators	2019/20 Budget £'000	2019/20 Forecast £'000
Capital expenditure	45,927	47,699
Capital Financing Requirement (CFR)	56,358	58,352
Annual change in CFR	41,312	43,306
In year borrowing requirement	41,500	43,494
Ratio of financing costs to net revenue stream	2.63%	1.45%

2.3 Approved countries for investments at 30 September 2019

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

Based on lowest available rating

AAA

Australia

Canada

Denmark

Germany

Luxembourg

Netherlands

Norway

Singapore

Sweden

Switzerland

AA+

Finland

U.S.A.

AA

Abu Dhabi (UAE)

Hong Kong

France

U.K.

AA-

Belgium

Qatar