

APPENDIX 1

A summary of the external factors in 2017-18 is provided by the council's treasury advisor, Arlingclose Ltd, and is detailed below.

Economic background; 2017-18 was characterised by the push-pull from expectations of tapering of Quantitative Easing (QE) and the potential for increased policy rates in the US and Europe and from geopolitical tensions, which also had an impact.

The UK economy showed signs of slowing with latest estimates showing Gross Domestic Product, helped by an improving global economy, grew by 1.8% in calendar year 2017, the same level as in 2016. This was a far better outcome than the majority of forecasts following the EU Referendum in June 2016, but it also reflected the international growth momentum generated by the increasingly buoyant US economy and the re-emergence of the Eurozone economies.

The inflationary impact of rising import prices, a consequence of the fall in sterling associated with the EU referendum result, resulted in year-on-year CPI rising to 3.1% in November before falling back to 2.7% in February 2018. Consumers felt the squeeze as real average earnings growth, i.e. after inflation, turned negative before slowly recovering. The labour market showed resilience as the unemployment rate fell back to 4.3% in January 2018. The inherent weakness in UK business investment was not helped by political uncertainty following the surprise General Election in June and by the lack of clarity on Brexit, the UK and the EU only reaching an agreement in March 2018 on a transition which will now span Q2 2019 to Q4 2020. The Withdrawal Treaty is yet to be ratified by the UK parliament and those of the other 27 EU member states and new international trading arrangements are yet to be negotiated and agreed.

The Bank of England's Monetary Policy Committee (MPC) increased the Bank Rate by 0.25% in November 2017. It was significant in that it was the first rate hike in ten years, although in essence the MPC reversed its August 2016 cut following the referendum result. The February *Inflation Report* indicated the MPC was keen to return inflation to the 2% target over a more conventional (18-24 month) horizon with 'gradual' and 'limited' policy tightening. Although in March two MPC members voted to increase policy rates immediately and the MPC itself stopped short of committing itself to the timing of the next increase in rates, the minutes of the meeting suggested that an increase in May 2018 was highly likely, however this did not materialise.

In contrast, economic activity in the Eurozone gained momentum and although the European Central Bank removed reference to an 'easing bias' in its market communications and had yet to confirm its QE intention when asset purchases end in September 2018, the central bank appeared some way off normalising interest rates. The US economy grew steadily and, with its policy objectives of price stability and maximising employment remaining on track, the Federal Reserve Open Market Committee (FOMC) increased interest rates in December 2017 by 0.25% and again in March, raising the policy rate target range to 1.50% - 1.75%. The FOMC is expected to deliver two more increases in 2018 and a further two in 2019. However, the imposition of tariffs on a broadening range of goods initiated by the US, which has led to retaliation by China, could escalate into a deep-rooted trade war having broader economic consequences including inflation rising rapidly, warranting more interest rate hikes.

Financial markets: The increase in Bank Rate resulted in higher money markets rates: 1-month, 3-month and 12-month LIBID rates averaged 0.32%, 0.39% and 0.69% and at 31st March 2018 were 0.43%, 0.72% and 1.12% respectively. Gilt yields displayed significant volatility over the twelve-month period with the change in sentiment in the Bank of England's outlook for interest rates. The yield on the 5-year gilts which had fallen to 0.35% in mid-June rose to 1.65% by the end of March. 10-year gilt yields also rose from their lows of 0.93% in June to 1.65% by mid-February before falling back to 1.35% at year-end. 20-year gilt yields followed an even more erratic path with lows of 1.62% in June, and highs of 2.03% in February, only to plummet back

down to 1.70% by the end of the financial year.

The FTSE 100 had a strong finish to calendar year 2017, reaching yet another record high of 7688, before plummeting below 7000 at the beginning of 2018 in the global equity correction and sell-off.

Outlook for 2018/19: The UK economy still faces a challenging outlook as the government continues to negotiate the country's exit from the European Union. The current soft UK economic environment prompted the MPC not to tighten policy in May. The economic data since then has been mixed, but suggests that GDP growth will recover somewhat in Q2 2018 after the weak expansion in Q1. The MPC appears to be focused on data sets that support monetary tightening, at the expense of others that show a less healthy economic environment.

Central bank actions and geopolitical risks, such as prospective trade wars, have and will continue to produce significant volatility in financial markets, including bond markets.

Forecast interest Rates

	Jun-18	Sep-18	Dec-18	Mar-19	Jun-19	Sep-19	Dec-19	Mar-20	Jun-20	Sep-20	Dec-20	Mar-21	Jun-21
Official Bank Rate													
Upside rtsk	0.00	0.00	0.00	0.00	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Arlinglose Central Case	0.50	0.75	0.75	1.00	1.00	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
Downside rtsk	0.00	-0.25	-0.25	-0.50	-0.50	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75
3-mth money market rate													
Upside rtsk	0.00	0.10	0.10	0.10	0.25	0.25	0.25	0.30	0.30	0.30	0.30	0.30	0.30
Arlinglose Central Case	0.55	0.85	0.90	1.10	1.15	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35
Downside rtsk	0.00	-0.30	-0.35	-0.55	-0.60	-0.80	-0.80	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75
1-yr money market rate													
Upside rtsk	0.10	0.20	0.20	0.30	0.30	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
Arlinglose Central Case	0.84	1.00	1.05	1.15	1.25	1.45	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Downside rtsk	-0.20	-0.35	-0.40	-0.50	-0.60	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75
5-yr gilt yield													
Upside rtsk	0.00	0.15	0.15	0.20	0.25	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
Arlinglose Central Case	1.00	1.20	1.25	1.30	1.40	1.40	1.40	1.40	1.40	1.35	1.30	1.30	1.30
Downside rtsk	0.00	-0.30	-0.40	-0.45	-0.55	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60
10-yr gilt yield													
Upside rtsk	0.00	0.20	0.20	0.25	0.25	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
Arlinglose Central Case	1.27	1.55	1.65	1.70	1.75	1.75	1.75	1.75	1.75	1.70	1.70	1.70	1.70
Downside rtsk	0.00	-0.35	-0.45	-0.45	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50
20-yr gilt yield													
Upside rtsk	0.00	0.20	0.20	0.25	0.25	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
Arlinglose Central Case	1.72	1.90	1.95	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Downside rtsk	0.00	-0.40	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45
50-yr gilt yield													
Upside rtsk	0.00	0.20	0.20	0.25	0.25	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
Arlinglose Central Case	1.63	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.85	1.85
Downside rtsk	0.00	-0.35	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45

The above interest forecast are set against the following background:

- The MPC has maintained expectations of a rise in interest rates this year.
- Our central case is for Bank Rate is to rise once in 2018 and twice more in 2019. The risks are weighted to the downside.
- Gilt yields have been volatile, but remain historically low. We expect some upward movement from current levels based on our interest rate projections and the strength of the US economy, but volatility arising from both economic and political events will continue to offer borrowing opportunities.