

APPENDIX E: ECONOMIC & INTEREST RATE FORECAST

1 Economic background

- 1.1 The ongoing impact on the UK from coronavirus, together with higher inflation, the likelihood of higher interest rates, and the country's trade position post-Brexit, will be major influences on the Councils' treasury management strategy for 2022/23.
- 1.2 The Bank of England (BoE) raised the Bank Rate by 0.15% on 16th December 2021 to 0.25% and maintained its Quantitative Easing programme at £895 billion. The Monetary Policy Committee (MPC) voted 8-1 to raise rates and unanimously to maintain the asset purchase programme. Within the December 2021 Monetary Policy Report, the Bank expected consumer price index (CPI) inflation to peak at around 6% in April 2022, about 1% higher than previous projections largely reflecting the pass-through of rises in wholesale gas and electricity prices.
- 1.3 UK Consumer Price Inflation (CPI) for November 2021 registered 5.1% year on year, up from 3.1% in the September. Core inflation, which excludes the more volatile components, also rose to 4.0% year on year. The most recent labour market data for the three months to October 2021 showed the unemployment rate fell to 4.2% while the employment rate rose to 75.5%. Both measures were helped by the extension of the government's furlough scheme, but this ended in September 2021 and while this may put some pressure on the jobs market, it is not expected to be material, with the BoE forecasting unemployment will fall to 4% compared to the previous forecast of 4.5%.
- 1.4 In August 2021, the headline 3-month average annual growth rate for wages were 7.2% for total pay and 6.0% for regular pay. In real terms, after adjusting for inflation, total pay growth was up 4.7% while regular pay was up 3.4%. These figures should be interpreted with caution, however, as the underlying wage growth is falling back from current rates. Moreover, there has also been a fall in the number and proportion of lower paid jobs, helping to push up the average earnings figure.
- 1.5 GDP grew by 5.5% in the second calendar quarter of 2021, compared to a fall of -1.6% quarter on quarter in the previous three months, with the annual rate jumping to 23.6% from -6.1%. Here too, base effects from 2020 have resulted in the high Q2 2021 data. Monthly GDP estimates have shown the economy is recovering, with the economy now just 0.8% below its pre-pandemic level. Looking ahead, the BoE's November 2021 Monetary Policy Report forecasts economic growth will rise by 1.5% in Q3 2021, 1.0% in Q4 2021 with the economy expected to get back to its pre-pandemic level in Q1 2022. GDP growth is now expected to be around 5% in 2022 (revised down from 6%), before slowing to 1.5% in 2023 and 1% in 2024.
- 1.6 GDP growth in the euro zone increased by 2.2% in calendar Q3 2021 following a gain of 2.1% in the second quarter and a decline of -0.3% in the first. Headline inflation has been strong, with CPI registering 4.1% year-on-year (y/y) in October, the fourth successive month of inflation. Core CPI inflation was 2.1% y/y in October, the third month of successive increases from July's 0.7% y/y. At these levels, inflation is above the European Central Bank's target of 'below, but close to 2%', putting some pressure on its long-term stance of holding its main interest rate of 0%.

- 1.7 The US economy expanded at an annualised rate of 2.0% in Q3 2021, slowing sharply from gains of 6.7% and 6.3% in the previous two quarters. In its November 2021 interest rate announcement, the Federal Reserve continue to maintain the Fed Funds rate at between 0% and 0.25% but outlined its plan to reduce its asset purchase programme. Having bought \$120 billion of bonds each month during the pandemic to keep interest rates low, the Fed confirmed that purchases will be scaled back, starting with a \$15 billion reduction in November 2021. In terms of the timing of any interest rate hikes, Fed Chair Jerome Powell said the central bank can be patient about doing so.

2 **Credit outlook**

- 2.1 Since the start of 2021, relatively benign credit conditions have led to credit default swap (CDS) prices for the larger UK banks to remain low and have steadily edged down throughout the year to almost pre-pandemic levels. The improved economic outlook during 2021 helped bank profitability and reduced the level of impairments many had made as provisions for bad loans. However, the relatively recent removal of coronavirus-related business support measures by the government means the full impact on bank balance sheets may not be known for some time.
- 2.2 The improved economic picture during 2021 led the credit rating agencies to reflect this in their assessment of the outlook for the UK sovereign as well as several financial institutions, revising them from negative to stable.
- 2.3 Looking ahead, while there is still the chance of bank losses from bad loans as government and central bank support is removed, the institutions on the Authority's counterparty list are well-capitalised and general credit conditions across the sector are expected to remain benign. Duration limits for counterparties on the Authority's lending list are under regular review and will continue to reflect economic conditions and the credit outlook.

3 **Underlying assumptions**

- 3.1 The global recovery from the pandemic has entered a more challenging phase. The resurgence in demand has led to the expected rise in inflationary pressure, but disrupted factors of supply are amplifying the effects, increasing the likelihood of lower growth rates ahead. The advent of the Omicron variant of coronavirus is affecting activity and is also a reminder of the potential downside risks.
- 3.2 Despite relatively buoyant activity survey data, official GDP data indicates that growth was weakening into Q4 2021. Other data, however, suggested continued momentum, particularly for November. Retail sales volumes rose 1.4%, PMIs increased, and the labour market continued to strengthen. The end of furlough did not appear to have had a significant impact on unemployment. Wage growth is elevated.
- 3.3 The CPI inflation rate rose to 5.1% for November and will rise higher in the near term. While the transitory factors affecting inflation are expected to unwind over time, policymakers' concern is persistent medium term price pressure.
- 3.4 These factors prompted the MPC to raise Bank Rate to 0.25% at the December meeting. Short term interest rate expectations remain elevated.

Appendix E – Economic Outlook and Interest Rate Forecast

- 3.5 The outlook, however, appears weaker. Household spending faces pressures from a combination of higher prices and tax rises. In the immediate term, the Omicron variant has already affected growth – Q4 2021 and Q1 2022 activity could be weak at best.
- 3.6 Longer-term government bond yields remain relatively low despite the more hawkish signals from the BoE and Federal Reserve. Investors are concerned that significant policy tightening in the near term will slow growth and prompt the need for looser policy later. Geo-political and coronavirus risks are also driving safe haven buying. The result is a much flatter yield curve, as short-term yields rise even as long-term yields fall.
- 3.7 The rise in Bank Rate despite the Omicron variant signals that the MPC will act to bring down inflation whatever the environment. It has also made clear its intentions to tighten policy further. While the economic outlook will be challenging, the signals from policymakers suggest their preference is to tighten policy unless data indicates a more severe slowdown.

4 Interest Rate Forecast

- 4.1 The Authority's treasury management adviser, Arlingclose, is forecasting that BoE Bank Rate will rise to 0.50% in Q1 of 2022, but then remain there. Risks to the forecast are initially weighted to the upside but becoming more balanced over time. The Arlingclose central forecast remains below the market forward curve.
- 4.2 Gilt yields will remain broadly flat from current levels. Yields have fallen sharply at the longer end of the yield curve, but expectations of a rise in Bank rate have maintained short term gilt yields at higher levels. Easing expectations for Bank Rate over time could prompt the yield curve to steepen, as investors build in higher inflation expectations. The risks around the gilt yield forecasts vary. The risk for short and medium-term yields is initially on the upside but shifts lower later. The risk for long-term yields is weighted to the upside.

4.3 Table 1 Interest Rate Forecast

	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24	Dec-24
Official Bank Rate													
Upside risk	0.00	0.00	0.25	0.25	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Arlingclose Central Case	0.25	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Downside risk	0.00	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25
3-month money market rate													
Upside risk	0.05	0.05	0.25	0.35	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Arlingclose Central Case	0.25	0.55	0.55	0.60	0.60	0.60	0.60	0.65	0.65	0.65	0.65	0.65	0.65
Downside risk	0.00	-0.25	-0.25	-0.30	-0.30	-0.30	-0.30	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35
5yr gilt yield													
Upside risk	0.00	0.35	0.45	0.55	0.55	0.55	0.55	0.55	0.55	0.50	0.50	0.45	0.45
Arlingclose Central Case	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.65	0.70	0.75	0.75
Downside risk	-0.10	-0.20	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.30	-0.35	-0.40	-0.40
10yr gilt yield													
Upside risk	0.10	0.25	0.35	0.40	0.45	0.50	0.50	0.50	0.50	0.50	0.55	0.55	0.55
Arlingclose Central Case	0.80	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.90	0.90	0.95	0.95
Downside risk	-0.10	-0.25	-0.30	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35	-0.40	-0.40	-0.40	-0.40
20yr gilt yield													
Upside risk	0.30	0.40	0.45	0.45	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Arlingclose Central Case	1.00	1.05	1.10	1.10	1.10	1.10	1.15	1.15	1.15	1.20	1.20	1.20	1.20
Downside risk	-0.15	-0.30	-0.35	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.45	-0.45	-0.45	-0.45
50yr gilt yield													
Upside risk	0.25	0.30	0.40	0.45	0.45	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Arlingclose Central Case	0.70	0.75	0.80	0.85	0.90	0.95	1.00	1.05	1.05	1.10	1.10	1.15	1.15
Downside risk	-0.15	-0.30	-0.35	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.45	-0.45	-0.45	-0.45

PWLB Standard Rate (Maturity Loans) = Gilt yield + 1.00%

PWLB Certainty Rate (Maturity Loans) = Gilt yield + 0.80%

PWLB Infrastructure Rate (Maturity Loans) = Gilt yield + 0.60%