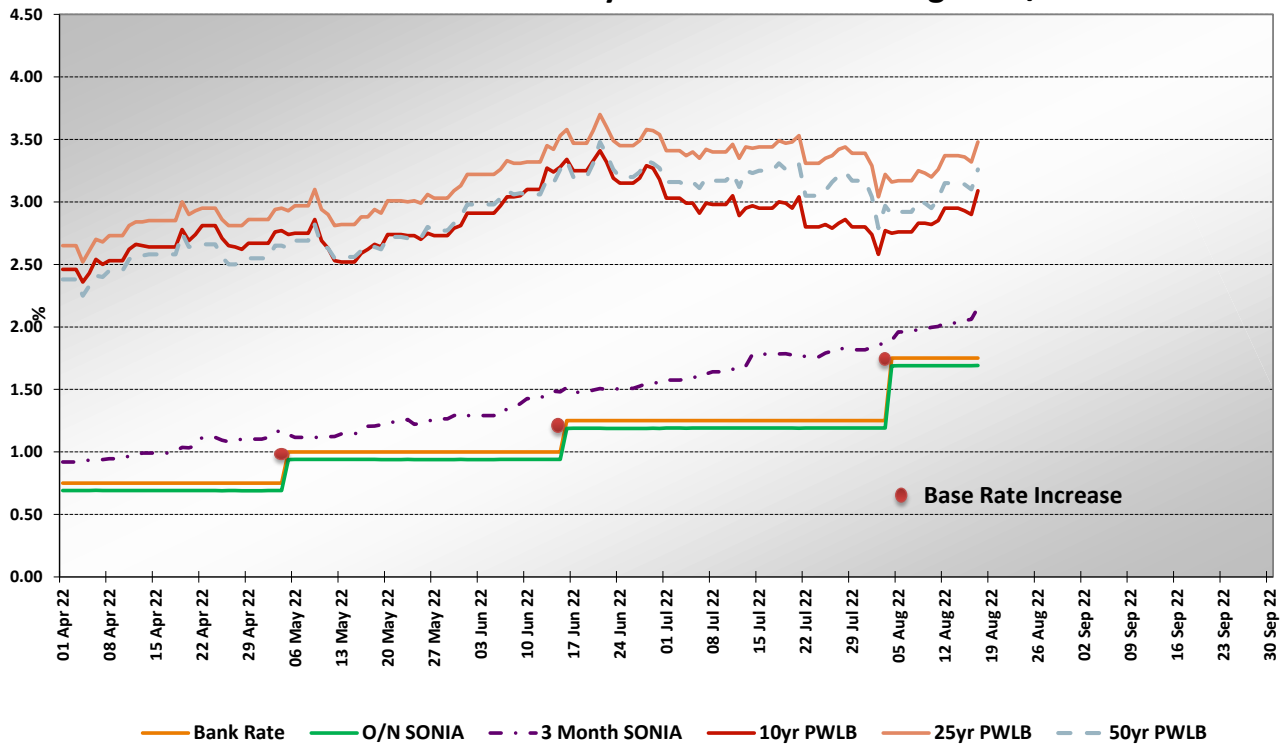


Movement of Key Interest Rates During 2022/23



Interest Rate Forecast – Link Asset Services Ltd (21 June 2022)

Link Group Interest Rate View 21.06.22												
	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24	Dec-24	Mar-25	Jun-25
BANK RATE	1.75	2.25	2.75	2.75	2.75	2.75	2.50	2.50	2.25	2.25	2.25	2.25
3 month ave earnings	2.00	2.50	2.80	2.80	2.80	2.80	2.60	2.50	2.30	2.30	2.20	2.20
6 month ave earnings	2.50	2.80	3.00	3.00	2.90	2.90	2.80	2.70	2.60	2.50	2.40	2.30
12 month ave earnings	3.10	3.20	3.20	3.20	3.00	2.90	2.80	2.60	2.50	2.40	2.40	2.40
5 yr PWLB	3.20	3.30	3.30	3.30	3.30	3.20	3.10	3.00	3.00	3.00	2.90	2.90
10 yr PWLB	3.40	3.50	3.50	3.50	3.50	3.40	3.30	3.20	3.20	3.20	3.10	3.10
25 yr PWLB	3.70	3.70	3.70	3.70	3.70	3.70	3.60	3.50	3.50	3.40	3.40	3.30
50 yr PWLB	3.40	3.40	3.50	3.50	3.40	3.40	3.30	3.20	3.20	3.10	3.10	3.00

Economic and Interest Rate Commentary– Link Asset Services Ltd- Quarter Ended 30th June 2022

- The second quarter of 2022 saw:
 - GDP fall by 0.1% m/m in March and by 0.3% m/m in April.
 - An easing rather than a collapse in the composite Purchasing Managers Index (PMI).
 - A further rise in Consumer Price Index (CPI) inflation to a new 40-year high of 9.1% in May.
 - The first signs that the weakening in economic activity is filtering into a slightly looser labour market.
 - Bank Rate rise to 1.25%, taking it to its highest level since the Global Financial Crisis.
 - Gilt yields caught up in the global surge in bond yields triggered by May's strong rise in US inflation.
 - Rising global bond yields and concerns over growth drive a global sell-off in equity markets.
- Following the 0.1% m/m fall in GDP in March and the 0.3% m/m contraction in April, the economy is now moving towards a recession (two quarters of falling output in a row). Indeed, GDP would need to rise by 0.4-0.5% m/m in both May and June to prevent the economy from contracting in Q2 as a whole. That said, without the joint wind down of the COVID-19 Test and Trace and vaccination programme, GDP would have risen by 0.2% m/m and 0.1% m/m in March and April respectively. That is hardly strong, but it suggests the underlying momentum is not quite as weak as the headline figures imply.
- There is not much evidence that higher inflation and higher interest rates have yet become a big drag on activity. Services output did fall by 0.3% m/m in April. But output in consumer-facing services, conversely, rose by a solid 2.3% m/m in April. And although the Office for National Statistics (ONS) said that some of the 1.0% m/m fall in manufacturing output was linked to the drag on activity from higher prices, it also said that some of the 0.4% m/m drop in construction output in April was a drop back after the boost in the wake of February's Storm Eunice.
- The fact that the composite PMI didn't fall in June also suggests that in Q2 (Apr – June) real GDP has softened rather than collapsed. The S&P Global/CIPS all-sector PMI for June was unchanged from its level of 53.1 in May, signalling tepid but positive growth. According to the Lloyd's barometer, business confidence in May also remained remarkably resilient.
- Despite the fall in the GfK composite measure of consumer confidence to a new record low of -41 in June, April's £1.4bn rise in consumer credit suggests households appear to have turned to credit to support their spending as the cost-of-living squeeze has intensified. Meanwhile, the household saving rate held steady at 6.8% in Q1 in line with its long-term average and we expect households to lower their saving rate further when the bigger falls in real incomes come in Q2 and Q3 to cushion the blow to spending.
- The Chancellor's latest fiscal support of £10.3bn (0.5% of GDP), which comprised £15.3bn of handouts to households, partly funded by a £5bn tax on the profits of oil and gas producers, will help support GDP in the second half of the year. And with the Prime Minister and the Chancellor desperately needing to boost their popularity, some tax cuts may be announced in the Autumn Budget.

- There have been early signs that the recent weakening in economic activity is filtering through into a slightly looser labour market. The unemployment rate edged up from 3.7% in the three months to March to 3.8%. The single-month data showed that employment fell by 254,000 in April and the unemployment rate rose from 3.5% to 4.2%. And the upward march in the number of job vacancies slowed, with the three-month average only rising from 1.296m in April to 1.300m in May. A seasonal adjustment of the single-month data implies that vacancies fell in May for the first time since COVID-19 was rife in December.
- At the same time, a 1.8% m/m fall back in average earnings in April meant that the 3myy rate of earnings eased from 7.0% in March to 6.8% in April. And a lot of the 0.5% m/m rise in earnings excluding bonuses was probably due to the 6.6% rise in the National Living Wage on 1st April. The 3myy rate of earnings excluding bonuses stayed at 4.2%.
- That said, conditions in the labour market remain exceptionally tight. The unemployment rate is still close to its recent 47-year low, and there is the same number of unemployed people as job vacancies and at 6.8% in April, the 3myy rate of average earnings is at a 10-year high (although it is still falling in real terms) and is well above the 3.0-3.5% that is broadly consistent with the 2.0% inflation target (assuming that productivity growth is 1.0-1.5%).
- CPI inflation rose from 9.0% in April to a new 40-year high of 9.1% in May and it is not yet close to its peak. The increase in CPI inflation in May was mainly due to a further leap in food price inflation from 6.7% to a 13-year high of 8.5%. With the influence of increases in agricultural commodity prices yet to fully feed into prices on the supermarket shelves, we think that food price inflation will rise above 10% in September. And with two-thirds of the observation period for the Ofgem price cap having now passed, something like a 40% rise in utility prices is pretty much baked in the cake for October. The further rise in core producer price inflation, from 13.9% to 14.8%, suggests that core goods CPI inflation will probably rise to 14% before long. We think that will take CPI inflation to a peak of around 10.5% in October.
- The rise in services CPI inflation from 4.7% in April to 4.9% in May suggests that domestic price pressures are still strengthening.
- There now seems to be an even greater likelihood that second-round effects, whereby high inflation feeds back into higher price and wage expectations, keep inflation higher for longer. For some time, the Monetary Policy Committee (MPC) has placed a lot of weight on the results of the Bank of England's monthly Decision Maker Panel which asks businesses how they expect to change their prices and wages over the next year. May's survey revealed that businesses still expect to raise their selling prices by 6.0% and their wages by 4.8% over the next year. Meanwhile, XpertHR said that pay settlements across the economy stayed at a 30-year high of 4.0% in May. The government appears to be contemplating raising public sector pay by up to 5%. And the 7.1% pay rise granted to some railway workers sets a high bar for the negotiations that led to train strikes across large parts of the country in mid-June.
- The MPC has now increased interest rates five times in as many meetings and raised rates to their highest level since the Global Financial Crisis. Even so, coming after the Fed raised rates by 75 basis points (bps) in June and a handful of other central banks have recently raised rates by 50bps, the Bank of England's action is relatively dovish. The MPC's decision not to follow the Fed and raise rates by more makes some sense. The UK's status as a larger importer of commodities,

which have jumped in price, means that households in the UK are now facing a much larger squeeze on their real incomes.

- But the MPC's new guidance is that if there are signs of "more persistent inflationary pressures" it will, "if necessary, act forcefully in response". We expect the MPC to continue to raise rates in steps of 25bps rather than 50bps. We think the MPC will raise rates from 1.25% now to a peak of 2.75% next year. That is higher than the peak of 2.00% forecast by economists, but lower than the peak priced into the financial markets.
- Gilt yields have been caught up in the global surge in bond yields triggered by the surprisingly strong rise in CPI inflation in the US in May. The rises in two-year gilt yields (to a peak of 2.37% on 21st June) and 10-year yields (to a peak of 2.62%) took them to their highest level since 2008 and 2014, respectively. And in response to signs that central banks (particularly the US Fed) are going to raise interest rates faster to get on top of inflation, we now think that 10-year gilt yields will reach a peak of 2.70% (up from 2.39% currently) this year and into 2023.
- While the S&P 500 is 8.4% below its level a month ago, the FTSE 100 is 5.7% below it. Part of the sell-off has been driven by the rapid rise in global bond yields and the resulting downward pressure on equity valuations as well as concerns over economic growth.
- Finally, the pound has already weakened from \$1.37 and €1.21 earlier this year to \$1.21 and €1.16. A lot of these moves have been driven by concerns over the outlook for the global economy and the resulting poor performance of risky assets, which has increased the demand for the dollar relative to sterling. If interest rates rise faster and further in the US than in the UK, rate differentials and a worsening in risk appetite will push the pound even lower, from \$1.21 now to \$1.18 by the end of 2022. We do not expect the pound to fall by as much against the euro (from €1.16 to €1.14 next year). But once global inflation and global interest rates peak, the pound will probably benefit from the return of risk appetite. It may rise to \$1.25 by the end of 2023 and to \$1.30 by the end of 2024.

A SUMMARY OVERVIEW OF THE FUTURE PATH OF BANK RATE

- Our central forecast for interest rates was last updated on 21st June and reflected a view that the MPC will be keen to further demonstrate its anti-inflation credentials by delivering a 0.25% increase in Bank Rate in August, September, November, December, February and March i.e., the next six MPC meetings.
- The CPI measure of inflation is now forecast to rise to close to 11% in Q4 2022 and the MPC will be keen to stifle the prospect of average earnings data (6.8% y/y currently including bonuses) providing further upside risk to inflationary factors that are primarily being driven by supply-side shortages.
- When Bank Rate reached 1% in May, the MPC indicated (no earlier than August) that it will also consider the extent to which it implements Quantitative Tightening (QT), primarily the selling of its gilt holdings. However, they are likely to take any such decision cautiously as they are already not refinancing maturing debt.
- Notwithstanding the MPC's clear desire to increase Bank Rate throughout 2022, negative real earnings, the 54% hike in the Ofgem energy price cap from April (to be followed by a potential

40%+ further increase from October), at the same time as employees (and employers) have incurred a 1.25% Health & Social Care Levy, growing commodity, and food inflation plus council tax rises - all these factors will hit households' finances hard. However, lower income families will be hit disproportionately hard despite some limited assistance from the Chancellor to postpone the full impact of rising energy costs.

- Given the above outlook, it poses a question as to whether the MPC may shift into protecting economic growth if it flatlines or contracts through 2022. Accordingly, we remain tentative about whether the MPC will increase Bank Rate as far as the market is currently pricing in (3.25% in April 2023).
- In the upcoming months, our forecasts will be guided not only by economic data releases and clarifications from the MPC over its monetary policies, but the on-going conflict between Russia and Ukraine, including the way the West and NATO respond through sanctions and/or military intervention. Currently, oil, gas, wheat, and other mainstream commodities have risen significantly in price and central banks will have to balance whether they prioritise economic growth or try to counter supply-side shock induced inflation.
- On the positive side, consumers are estimated to be sitting on over £160bn of excess savings left over from the pandemic so that will cushion some of the impact of the above increases. However, most of those are held by more affluent people whereas lower income families already spend nearly all their income before these increases hit and have few financial reserves.

PWLB RATES

- The yield curve has steepened considerably through the quarter and PWLB 5 to 50 years Certainty Rates are, generally, in the range of 2.75% to 3.75%.
- We view the markets as having built in, already, nearly all the effects on gilt yields of the likely increases in Bank Rate and the poor inflation outlook (although we thought that in May and markets went much further than expected in respect of the gilt market sell-off).
- It is difficult to say currently what effect the Bank of England starting to sell gilts will have on gilt yields now that Bank Rate has gone to above 1%. Nothing will be decided before August, however, but the Bank is likely to act cautiously as it has already started on not refinancing maturing debt. A pure roll-off of the peak £875bn gilt portfolio by not refinancing bonds as they mature, would see holdings fall to about £415bn by 2031, which would be about equal to the Bank's pre-pandemic holding.
- Increases in US treasury yields over the next few months could add further upside pressure on gilt yields as they have done since the turn of the year.

The balance of risks to the UK economy: -

- The overall balance of risks to economic growth in the UK is to the downside.

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

- **Labour and supply shortages** prove more enduring and disruptive and depress economic activity (accepting that in the near-term this is also an upside risk to inflation and, thus, rising gilt yields).
- **The Bank of England** acts 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.
- **UK / EU trade arrangements** – if there was a major impact on trade flows and financial services due to complications or lack of co-operation in sorting out significant remaining issues.
- **Geopolitical risks**, for example in Ukraine/Russia, Iran, China, North Korea and Middle Eastern countries, which could lead to increasing safe-haven flows.

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

- 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 an even more rapid series of increases in Bank Rate faster than we currently expect.
- **The Government** acts too quickly to cut taxes and/or increases expenditure in the light of the cost-of-living squeeze.
- **The pound weakens on the back of UK/EU trade friction** resulting in investors pricing in a risk premium for holding UK sovereign debt.
- Longer term **US treasury yields** continue to rise strongly and pull gilt yields up higher than forecast.