

Appendix 3 Credit Risk Policy

Bank Bail-In

Bail-in legislation has now been fully implemented in the European Union and major economies around the World. In addition, the largest UK banks have ring-fence their retail and investment banking functions into separate legal entities during 2018 and 2019. The impact of the structural change on the banks credit rating was minimal. Bail-In proposals, an approach where retail customers of a failing bank are protected under compensation schemes (up to a threshold) and losses are covered by investor's equity capital in the first instance, followed by junior debt and then senior unsecured debt and deposits. The Bank of England has stated that in the event of failure, banks with assets greater than £25 billion are more likely to be bailed-in than made insolvent, increasing the chance of the Authority maintaining operational continuity.

A bail-in is likely, although not certain, to happen over the course of a weekend, with much of the preparatory work having been undertaken in advance as the bank continues to fail regulatory conditions. The announcement of a bail-in, including which creditors will be affected, will normally be made by the Bank of England on a Sunday evening before the Asian markets open. Apart from the affected creditors, the bank will open for business as normal on the Monday morning. Where a banking group comprises several UK bank companies, it is likely that all group banks will be bailed-in together. Separately capitalized subsidiaries in other countries might not be bailed-in; that will be a matter for the local regulator. Before a bail-in, the bank's ordinary shareholders will have their shares expropriated and they will therefore no longer be the bank's owners. Building societies, which are mutually owned by their customers, will be converted to banks before bail-in. Hybrid capital instruments that convert to equity in certain circumstances will also be converted. Creditors will then be bailed-in in this order:

- junior or subordinated bonds, in order of increasing seniority;
- senior unsecured bonds issued by the non-operating holding company (if any);
- senior unsecured bonds issued by the operating bank companies;
- Unsecured deposits (money market funds, call accounts and fixed-term deposits with banks and building societies) and certificates of deposit (except interbank deposits of less than seven days original maturity); and
- Insured deposits that are larger than the FSCS £85,000 coverage limit.

Subject to cashflow liquidity requirements, the Authority will manage bail-in risk by way of investing surplus cash in instruments that are considered to be exempt from bail-in and include (and in no particular order) the Government, Corporate bonds, Registered Providers (Housing Associations) and secured bank instruments (Repos, Covered Bonds and other collateralised instruments). These instruments are considered to have a medium to long-term investment horizon, and therefore it is likely that the Authority will hold investment instruments with financial institutions that will not be exempt from the bank bail-in process such as fixed term deposits, call accounts and money market funds. The Authority will look to limit such holdings for the purpose of managing liquidity.

Counterparty Criteria

The Authority considers, in order of priority, security, liquidity and yield when making investment decisions. Credit ratings remain an important element of assessing credit risk, but they are not a sole feature in the Authority's assessment of counterparty credit risk. The intention of the strategy is to provide security of investment and minimisation of risk which will also enable diversification and thus avoidance of concentration risk.

The Authority also considers alternative assessments of credit strength, and information on corporate developments of and market sentiment towards counterparties. In accordance with the 2017 Treasury Management Code of Practice, the Authority will use the following key tools to assess credit risk:

- Published credit ratings of the financial institution and its sovereign rating;
- Sovereign support mechanisms;
- Credit default swaps (where quoted);
- Share prices (where available);
- Economic fundamentals, such as a country's net debt as a percentage of its GDP;
- Corporate developments, news, articles, markets sentiment and momentum;
- Subjective overlay.

The only indicators with prescriptive values remain to be credit ratings. Other indicators of creditworthiness are considered in relative rather than absolute terms.

The Authority is advised by Arlingclose Limited, who provides counterparty risk management services. Credit rating lists are obtained and monitored by Arlingclose, who will notify changes in ratings as they occur. Where an entity has its credit rating downgraded so that it fails to meet the approved investment criteria then:

- no new investments will be made;
- any existing investments that can be recalled or sold at no cost will be, and
- Full consideration will be given to the recall or sale of all other existing investments with the affected counterparty.

Where a credit rating agency announces that a credit rating is on review for possible downgrade (also known as "rating watch negative" or "credit watch negative") so that it may fall below the approved rating criteria, then only investments that can be withdrawn [on the next working day] will be made with that organisation until the outcome of the review is announced. This policy will not apply to negative outlooks, which indicate a long-term direction of travel rather than an imminent change of rating.

When deteriorating financial market conditions affect the creditworthiness of all organisations, as happened in 2008 and 2011, this is not generally reflected in credit ratings, but can be seen in other market measures. In these circumstances, the Authority will restrict its investments to those organisations of higher credit quality and reduce the maximum duration of its investments to maintain the required level of security. The extent

of these restrictions will be in line with prevailing financial market conditions. If these restrictions mean that insufficient commercial organisations of high credit quality are available to invest the Authority's cash balances, then the surplus will be deposited with the UK Government, via the Debt Management Office (unless interest rates are negative) or invested in government treasury bills or with other local authorities. This will cause a reduction in the level of investment income earned but will protect the principal sum invested.

The Authority defines "high credit quality" organisations and securities as those having a credit rating of A- or higher that are domiciled in the UK or a foreign country with a sovereign rating of AA+ or higher. For money market funds and other pooled funds "high credit quality" is defined as those having a credit rating of A- or higher.

Due to the ongoing strengthening of bank regulations it is recommended that the Authority adopts the Investment Grade scale as the minimum credit rating criteria. This will enable greater flexibility when placing investments especially during periods of regulatory stress tests where the outcome can result in a downsized counterparty list as a result of the downgrading of credit ratings. Furthermore, the need to hold a diversified investment portfolio and the impact of bank bail-in regulations means that the Authority will need to adopt a more structured credit rating criteria matrix for specific instruments. The table below details maximum monetary and investment duration limits.

Maximum Monetary and Investment Duration Limits						
Credit Rating (Long-Term)	Banks Unsecured	Banks Secured	Government	Local Authorities	Corporates	Registered Providers
UK Govt	-	-	£ Unlimited 50 years	-	-	-
AAA	£20m 5 years	£20m 20 years	£20m 50 years	£20m 50 years	£10m 20 years	£10m 20 years
AA+	£10m 5 years	£20m 10 years	£20m 25 years	£10m 25 years	£10m 10 years	£10m 10 years
AA	£10m 4 years	£20m 5 years	£20m 15 years	£10m 15 years	£10m 5 years	£10m 10 years
AA-	£10m 3 years	£20m 4 years	£20m 10 years	£10m 10 years	£10m 4 years	£10m 10 years
A+	£10m 2 years	£20m 3 years	£10m 5 years	£10m 5 years	£10m 3 years	£10m 5 years
A	£10m 13 months	£20m 2 years	£10m 5 years	£10m 5 years	£10m 2 years	£10m 5 years
A-	£10m 6 months	£20m 13 months	£10m 5 years	£10m 5 years	£10m 13 months	£10m 5 years
BBB+	£10m 100 days	£10m 6 months	£10m 2 years	£10m 2 years	£10m 6 months	£10m 2 years
BBB	£5m next day only	£5m next day only	-	£5m next day only	-	£5m next day only
None Rated	£1m 6 months	-	£5m 25 years		-	£5m 5 years
REITS		£20m per fund				
Pooled funds		£20m per fund				

Credit rating: Investment limits are set by reference to the lowest published long-term credit rating from a selection of external rating agencies. Where available, the credit rating relevant to the specific investment or class of investment is used, otherwise the counterparty credit rating is used. However, investment decisions are never made solely based on credit ratings, and all other relevant factors including external advice will be taken into account.

Banks Unsecured: Call accounts, term deposits, certificates of deposit and senior unsecured bonds with banks and building societies, other than multilateral development banks. These investments are subject to the risk of credit loss via a bail-in should the

regulator determine that the bank is failing or likely to fail. Unsecured investment with banks rated BBB are restricted to overnight deposits at the Authority's current account bank [Barclays Bank Plc] or the Debt Management Office. The use of Banks unsecured instruments will be limited to aid the management of cashflow liquidity. In accordance with advice from the Authority's Treasury Management adviser, International banks will also be considered.

Banks Secured: Covered bonds, reverse repurchase agreements and other collateralised arrangements with banks and building societies. These investments are secured on the bank's assets, which limits the potential losses in the unlikely event of insolvency, and means that they are exempt from bail-in. Where there is no investment specific credit rating, but the collateral upon which the investment is secured has a credit rating, the highest of the collateral credit rating and the counterparty credit rating will be used to determine cash and time limits. The combined secured and unsecured investments in any one bank will not exceed the cash limit for secured investments. Investments placed in conjunction with a Repo Agreement will be classed as a secured investment.

Government: The Debt Management Office, Loans, bonds and bills issued or guaranteed by national governments and multilateral development banks. These investments are not subject to bail-in, and there is an insignificant risk of insolvency. Investments with the UK Central Government may be made in unlimited amounts for up to 50 years. Multilateral / Supranational institutions and State Agencies will also be classed as Government institutions as a number of sovereign states are key shareholders.

Local Authorities: Fixed term deposits / bills/ Bonds issued by local and regional authorities who include police and fire authorities. These investments are not subject to bail-in, and there is an insignificant risk of insolvency. Local authorities are not rated by credit rating agencies (though a handful of authorities have obtained a credit rating), but it is assumed that local authorities have the same credit rating as the UK Government (AA). Therefore, a limit of £10m and duration of 15 years will be applied.

Corporates: Loans, bonds and commercial paper issued by companies other than banks and registered providers. These investments are not subject to bail-in, but are exposed to the risk of the company going insolvent. Loans to unrated companies will only be made as part of a diversified pool in order to spread the risk widely.

Registered Providers: Loans and bonds issued by, guaranteed by or secured on the assets of Registered Providers of Social Housing, formerly known as Housing Associations. These bodies are tightly regulated by the Homes and Communities Agency and, as providers of public services; they retain the likelihood of receiving government support if needed. Consideration will also be given to providing liquidity facilities, such as a revolving credit facility, subject to a detailed credit assessment of the Registered Provider.

Pooled Funds: Shares or units in diversified investment vehicles consisting of the any of the above investment types, plus equity shares and property. These funds have the advantage of providing wide diversification of investment risks, coupled with the services of a professional fund manager in return for a fee. **Money Market Funds** that offer same-day liquidity and aim for a constant net asset value will be used as an alternative to instant access bank accounts to manage short-term liquidity, while long-term strategic **pooled**

funds whose value changes with market prices and/or have a notice period will be used for longer investment periods.

Bond, equity, and property funds offer enhanced returns over the longer term but are more volatile in the short term. These allow the Authority to diversify into asset classes other than cash without the need to own and manage the underlying investments. Because these funds have no defined maturity date, but are available for withdrawal after a notice period, their performance and continued suitability in meeting the Authority's investment objectives will be monitored regularly.

Real estate investment trusts: Shares in companies that invest mainly in real estate and pay the majority of their rental income to investors in a similar manner to pooled property funds. As with property funds, REITs offer enhanced returns over the longer term, but are more volatile especially as the share price reflects changing demand for the shares as well as changes in the value of the underlying properties. Investments in REIT shares cannot be withdrawn but can be sold on the stock market to another investor.

Investment periods

- **Short-term (up to 365 days)**

At the time of writing, all short-term investments are managed in-house as a result of day-to-day cash flow management.

For the purpose of flexibility to respond to day-to-day cash flow demands, the proposed minimum percentage of its overall investments that the Authority will hold in short-term investments is **40%**.

Members are reminded that once a deposit has been made for a fixed period it can only be withdrawn (repaid early) by mutual consent albeit at a cost and subject to the underlying terms and conditions of the contract.

- **Long-term (one year and over)**

The Authority will continue to invest in long-term investments. Excluding the UK Government, It is suggested that no more than £20m be placed with any one institution with duration as set out in the table above. The Authority will not have more than £60m deposited in long-term investments (the Upper Limit).

Target Rate

Forecasts of base rate can be quite diverse as illustrated by the table in **Appendix 2**. In view of the uncertainty inherent in such predictions, it would be imprudent to set a target rate which may be difficult to achieve. In view of the foregoing, it is proposed to set a target rate of return for short-term deposits in 2023/24 of at least **3.00%**.

This rate reflects the forecast of Bank Rate and the relationship between that rate and the rate achievable from the DMADF. If deposits are made with other counterparties as detailed in Section (a) of this Appendix, it is possible that the above rate could be exceeded.