



Habib Bank Zurich Plc – Pillar 3 Disclosures

31 December 2018

Table of Contents

1. Overview	3
2. Governance Framework.....	4
3. Key Metrics.....	7
4. Risk Management Framework	8
5. Significant Risks	15
6. Liquidity Risk.....	20
7. Capital Management and Capital Adequacy	22
8. The Internal Capital Adequacy Assessment Process (ICAAP).....	24
9. Leverage Ratio.....	24
10. Impairment Provisions.....	25
10.1 Measurement of ECL.....	26
10.2 Significant increase in credit risk (SICR).....	26
10.3 Staging Criteria	26
11. Asset Encumbrance	28
12. Employee Remuneration Policy	28

1. Overview

1.1 Company information

Habib Bank AG Zurich (HBZ or Parent bank) established its branch in UK in the year 1974. In 2014, Habib Bank Zurich plc (“the Bank”) HBZ was established as a 100% owned subsidiary of HBZ. The Bank acquired the operations of the UK branch of the Parent on 01 April 2016, subsequent to authorisation from the Prudential Regulation Authority (PRA) and Financial Conduct Authority (FCA) and successfully transferred business of UK Branch of Habib Bank AG Zurich, Switzerland to the Bank, vide business transfer scheme (“Scheme”) under Part VII of the Financial Services and Markets Act 2000 (“FSMA”).

1.2 Purpose

The Disclosures in this document are set out in accordance with Pillar 3 disclosure requirements issued by Basel Committee of Banking Supervision (BCBS) in January 2015, which were updated by BCBS in December 2018.

The December 2018 BCBS Pillar 3 disclosure document requires the institutions to disclose composition of capital, credit risk, operational risk, leverage ratio and credit valuation adjustment (CVA), the Net Stable Funding Ratio (NSFR), the countercyclical capital buffer, interest rate risk in the banking book and remuneration, which has been updated in relevant sections of this document.

The information in this document is based on data as at 31 December 2018, which also information extracted from Audited Financial Statements for the year 31 December 2018.

Audited Financial Statements can be found on website www.habibbank.com

The framework requires the institutions to maintain and ensure the following:

1.1.1 Total Capital Requirements which is a sum of:

- Pillar 1 Minimum Capital Requirements with defined rules for the calculation of credit risk, counterparty credit risk, market and operational risk; and
- Pillar 2A that frames the requirements for the institution to hold additional capital against risks that are not fully captured under Pillar 1. The institution’s internal models and assessments support this process. The details of the assessment are contained in the Bank’s “Internal Capital Adequacy Assessment Process” (“ICAAP”), elements of which are disclosed within this document.

1.1.2 The Bank maintains TCR through at least 75% of Common Equity Tier1 capital (CET1) and 25% from Tier 2.

1.1.3 Bank requires maintaining specific CRD Buffers. One is Capital Conservation Buffer (CCB) that is designed to ensure that banks build up capital buffers outside periods of stress which can be drawn down as losses are incurred and the other is Countercyclical Buffer (CCyB) that aims to ensure that banking sector capital requirements take account of the macro-financial environment in which bank operates.

1.1.4 PRA also sets a buffer called ‘PRA Buffer’ as an incremental to TCR and CRD buffers.

1.1.5 Pillar 3 – External communication of risk and capital information, which complements the TCR that allows market participants to assess the institution’s capital adequacy.

1.1.6 Leverage ratio disclosure requirements as per BCBS, Basel III leverage ratio framework and disclosure requirements, January 2014.

1.1.7 The BCBS committee issued disclosure requirements for the LCR and NSFR in January 2014 and June 2015 respectively.

1.3 Basis and frequency of disclosure

The Bank applied the provisions of CRR and Prudential Source Book to cover the qualitative and quantitative disclosure requirements of Pillar 3 based on data as at 31 December 2018. Pillar 3 requires firms to publish a set of disclosures, which allow market participants to assess key pieces of information on that firm's risk assessment process, risk exposure and capital.

This report is updated and published annually. The aim is to provide additional information to complement the Financial Statements, and should be read in conjunction with that information, in particular the section on risk, liquidity, leverage ratio, and capital management and corporate governance, as well as the Notes to the Financial Statements.

1.4 Principal activities

The Bank offers standard commercial, SME and retail products combined with personalised relationship management. Service is delivered through the branch managers, specialist lending relationship managers and personal bankers for deposit mobilisation. The customer takes comfort in continuity with a relationship manager and quick turnaround on their requests as well as continued access to the decision makers at the Bank.

The products offered to its customers include retail banking, saving accounts and deposits, commercial lending, trade finance, Internet deposits, cash management and treasury services. The Bank is covered by the Financial Services Compensation Scheme (FSCS)

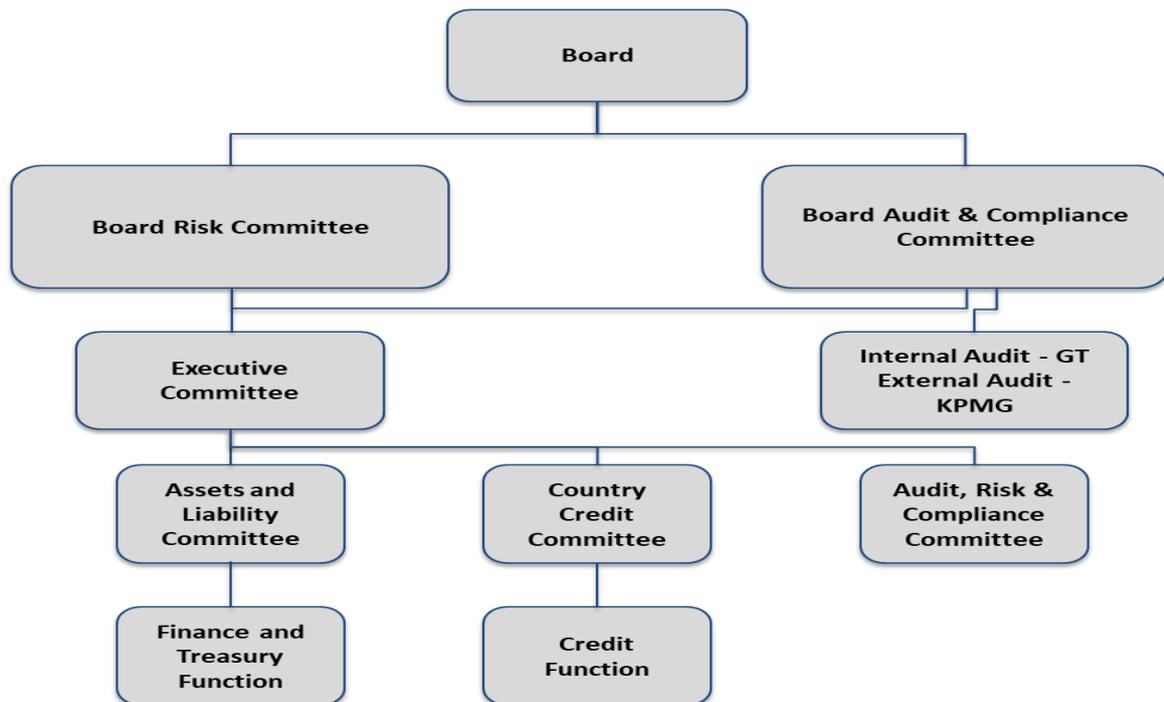
2. Governance Framework

The Governance and Control framework of the Bank is managed through a Board Structure and a Management Committee Structure. The Board structure comprises of a Board of Directors, which acts as the highest governance authority in the organisation and two Board Committees namely, a Board Risk Committee and a Board Audit and Compliance Committee.

The Board of Directors is responsible for the establishment of overall strategic direction and oversight by setting up the overall governance and risk management framework of the Bank. The Bank's risk appetite is set by the Board of Directors and takes into account the Bank's Strategic Intent. To implement an effective governance process, the Board has established a Board Risk Committee (BRC) and Board Audit and Compliance Committee (BACC).

The Committees keeps an oversight on the key risks such as credit, liquidity, compliance, conduct and operations. Members of the Committees keep close interaction with senior management and receive regular information from management committees. The BRC oversees and challenges the risk management function to ensure that governance arrangements, risk framework and systems and controls are evaluated and managed properly. The independent internal audit function reports into BACC and conduct reviews of all key risk areas including the risk management framework. Reports are presented to BACC and the Board.

The governance model, roles and responsibilities and reporting is shown below:



2.1.1 Board Responsibilities:

The Board monitor and periodically assess the effectiveness of governance arrangements and takes appropriate steps to address any deficiencies. The Board evaluates the principal risks to the Bank’s business model and the achievement of its strategic objectives, including risks that could have material impact its capital or liquidity. The Board reviews risk management process and internal control systems and satisfy itself that they are functioning effectively and corrective action is being taken where necessary. The Board ensures that an appropriate risk culture is instilled in the Bank. It also ensures adequate succession planning for the senior management so as to maintain an appropriate balance of skills and experience within the Bank.

The Board’s responsibilities specific to risk include:

- Review and determine the risk appetite of the Bank
- Identify and evaluate the principal risks to the Bank’s Business model and the achievement of its strategic objectives, including risks that could threaten its capital or liquidity.
- Review of the risk management and internal control systems and satisfy itself that they are functioning effectively and corrective action is being taken where necessary
- Ensure that an appropriate risk culture is embedded in the Bank.
- Review and approval of the Enterprise Risk Management Framework.
- Approval of the Bank’s ICAAP, ILAAP, Recovery and Resolution Plan

2.1.2 Board Risk Committee

The Board Risk Committee assists the Board in the review and oversight of Risk Management Framework, ICAAP, ILAAP and other governance documents. Board Risk Committee (BRC) is designed to raise awareness of the whole risk landscape and has responsibility of its oversight. BRC ensures that a wider management membership is engaged in the capital and liquidity management process cycle. This includes involvement in the formulation of stress tests, the reasonableness of assumptions and likely outcomes given current and prospective market conditions. BRC periodically review the risk framework to evaluate its adequacy and appropriateness under the prevailing business environment and in light of major changes in internal or external factors. It provides assurance on the Bank-wide risk framework and monitors the overall risk profile of bank through effective control processes. BRC annually review the Risk Appetite Statement and consider the adequacy of risk limits and returns.

2.1.3 Board Audit and Compliance Committee

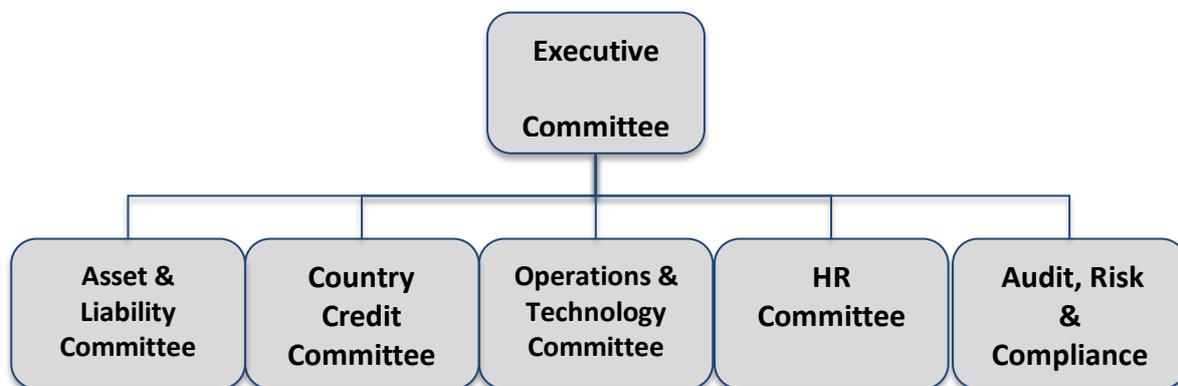
Board Audit and Compliance Committee (BACC) oversees and challenges the internal audit, external audit functions and Compliance function to ensure that governance arrangements, and system and internal controls are evaluated and managed properly. BACC reviews and approve key financial risks, assess effectiveness of system of financial reporting. The Committee also approve accounting policies and changes therein to comply with the requirements of International Financial Reporting Standards.

2.1.4 Management Responsibilities

The Management committee structure comprises of the Executive Committee (“EXCO) and five sub-committees. The EXCO presides over the committees and is responsible for implementing Bank’s strategic objectives and managing the business with adequate controls within the risk appetite of the Bank.

The ALCO is the responsible committee to review and recommend to the EXCO the capital calculations, capital structure and the ICAAP. The EXCO reviews and further recommends the same to the Board through the BRC for its consideration, review and approval.

The implementation of an effective Governance and Control framework is managed through a management committee structure:



The management of the Bank through committee structure allows for Enterprise Wide Risk Management through the consideration of different aspects and challenge at decision-making levels. This structure ensures that management of the Bank’s operations, strategic decision-making and risk management is undertaken on a consultative basis at committee level by experienced functional and business personnel.

The management committees as above have specific Risk Management responsibilities.

2.1.5 Executive Committee (EXCO)

Capital is fundamental to the effective management of a bank and requires the full engagement of the Executive Management and the support functions. The Executive Committee assess the availability of adequate capital under normal going concern as well as under stressed scenarios and crisis conditions for the purpose of advance planning for remedial management.

The EXCO through the CEO assists the Board in drawing up strategies and polices for management of capital risks. It also supports the Board in determining the appropriateness of capital risk tolerance, keeping in view the Bank’s business strategy, financial condition and funding capacity.

2.1.6 ALCO

ALCO ensures that Board approved capital and balance sheet strategies and policies are appropriately executed. ALCO oversee the development and implementation of appropriate risk measurement strategies, risk tolerance, policy and stress testing as approved by the Board.

The ALCO ensures that capital risk management limits are established and communicated in a manner that allows all levels of management to clearly understand the Bank’s approach to managing the capital risk. This is carried out by ALCO through implementation of appropriate procedures and systems and controls.

The ALCO is responsible for determining the structure, responsibilities and controls for managing capital risk and report to the EXCO on capital risk profile. ALCO is also responsible for the supervision of the capital and liquidity risk exposures; risk limits adherence, early warning indicators as well as the review of capital planning and liquidity adequacy to support future business growth and stress and scenario testing to assess capital and liquidity adequacy with changing internal and external factors. Members include representatives from all functions that have duties to perform adherence of this process.

Members of ALCO monthly review the capital position of the Bank. In addition, changes in the assets book is monitored by the EXCO on a daily basis. As part of Enterprise Risk Monitoring, the Audit Risk & Compliance Committee monitors capital related compliance and thresholds/breaches.

2.1.7 Country Credit Committee (CCC)

The primary purpose of the CCC is to ensure the effective management of credit risk in the Bank.

CCC maintains an effective working relationship with the EXCO, other management committees, the Bank’s Board and other committees as required ensuring effective functioning of the credit risk function.

CCC review Credit Line Proposals (CLP) along with the Risk report, position summary and any other relevant documents for credit decision-making purposes. Other sub committees such as Credit Policy Committee, Provisioning Committee and Active Credit Portfolio Monitoring also support CCC in performing its responsibilities.

2.1.8 Audit Risk and Compliance Committee

The ARCC is responsible for providing independent assurance on the bank-wide risk management framework and monitoring the overall risk profile of Bank through effective control processes. ARCC ensure that risks are identified, accepted, measured, controlled, monitored and reported independent from the business. This is performed through a fully embedded risk event reporting process, which allows employees to report risk events to the independent Risk Assurance function. All risks reported are assessed and addressed with escalation at an appropriate level. Risk Assurance function also carries out root cause analysis of reported risks and makes appropriate recommendation for changes in systems and controls to the relevant function and committee.

3. Key Metrics

The table below provides an overview of Bank’s prudential regulatory metrics:

	2018	2017
Share capital	60,000,000	60,000,000
Retained earnings	10,229,002	7,432,075
Common Equity Tier 1 Capital: instruments and reserves	70,229,002	67,432,075
Additional Tier 1 Capital	-	-
Total Capital (CET 1 + Tier 1)	70,229,002	67,432,075
Total Risk-Weighted Assets	387,179,103	359,940,986
Risk-based capital ratios as percentage of RWA		
CET 1 ratio (%)	18.14%	18.73%
Tier 1 (%)	18.14%	18.73%
Total capital ratio (%)	18.14%	18.73%

Additional CET1 buffer requirements as a percentage of RWA			
Capital conservation buffer requirement	1.875%		1.250%
Countercyclical buffer requirement	1.00%		0.500%
Total of bank CET 1 specific buffer Requirement	2.875%		1.750%
CET 1 available after meeting the bank's minimum capital requirements	13.64%		14.23%
Basel III leverage ratio			
Total Basel III leverage ratio exposure measure	627,604,463		635,316,590
Basel III leverage ratio (%)	10.62%		9.92%
Liquidity coverage ratio (LCR)			
Total high-quality liquid assets (HQLA)	122,555,336		141,876,074
Total net cash outflow	61,884,045		60,162,568
LCR ratio (%)	198.04%		235.82%
Net stable funding ratio (NSFR)			
Total available stable funding	530,876,872		506,952,186
Total required stable funding	388,363,098		362,939,198
NSFR ratio	136.70%		139.68%

4. Risk Management Framework

4.1 Overview

The Bank's approach to risk management is built upon risk identification and risk response in order to minimise crystallisation of risk and have a cost-effective way of dealing with it if it does occur.

The approach is driven by the principle of low to medium risk appetite and Investment return horizon which is medium to long term. In order to achieve this, the Bank's business strategy is built upon:

- a clearly defined target market (selected customer and industry segments);
- conventional products & service offering;
- robust governance and control framework.

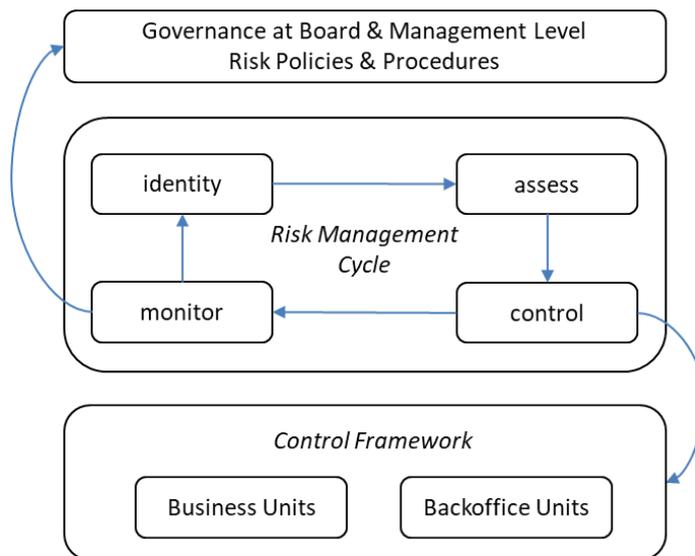
4.2 The Bank's Risk Management Strategy

The Bank's risk management strategy is founded on the principles of Enterprise Risk Management with key emphasis on:

- Understanding Firm-wide Risk Profile
- Articulated Risk Appetite
- Proactive approach to risk management
- Ownership of risk across the organisation
- Multiplier effect of risk to account for combined stress scenarios
- Oversight of key risks at Management and Board level

The key elements of the Bank's risk management framework are as follows:

- Governance at the Board and Management level
- Risk Oversight
- Risk management controls



The Bank’s risk management strategy and risk appetite are aligned with its motto ‘Service with Security’, Core Values and strategic intent of delivering sustainable growth.

4.3 Risk Management Process

4.3.1 Risk Management Cycle

Effective Risk Management is the combination of identification, assessment, and prioritisation of risk followed by coordinated and economical application of resources to minimise, monitor, and control the probability and /or impact of risk events.



Risk Management cycle can be broken down in two broad sections with first focusing on the identification, categorisation and prioritisation of risk. The second section focuses on the mitigation and monitoring of the risks. The diagram below represents the main activities undertaken in the two broad sections:



Identification of individual Risks within the broad risk types allows the Bank to focus on the key threats. The risk identified is weighted based on the probability of occurrence and the impact it will have on the organisation. Low probability and impact is acceptable and preferred, however the controls and mitigation in place derive the final residual risk.

Residual risk forms a key indicator for the Bank to prioritise the various risks posed and focus on the areas identified to mitigate the risk by enhancing controls and prioritising independent reviews through audits to establish the effectiveness of risk mitigation.

4.4 Overall Risk Appetite

The Bank's risk appetite is set by the Board of Directors and takes into account the Bank's Strategic Intent. The executive management of the Bank is responsible for implementation of the risk appetite throughout the Bank's operations and business. The Board Risk Committee maintains oversight of the business performance against the risk appetite. Management review is conducted by the relevant management committee and monitoring by Audit, Risk & Compliance Committee (ARCC).

The bank's risk appetite articulates the type and quantum of risk that the bank is able and willing to accept in pursuit of its strategy. Risk appetite is based on qualitative statements, which articulate the risk taking intent of the Bank, and is supported by quantitative limits and controls. The primary objective of the risk appetite is to protect the Bank from an unacceptable level of financial performance volatility, conduct and compliance failures and adverse reputational impact.

The Board of Directors (BOD) approves the Bank's risk appetite statement, and the BRC maintains oversight of the Business Performance against the Risk Appetite (RA). Management review is conducted by the Country Credit Committee (CCC) and monitoring by the Audit Risk & Compliance Committee (RCC).

The Overall Risk Appetite of the Bank is set out below:

Capital

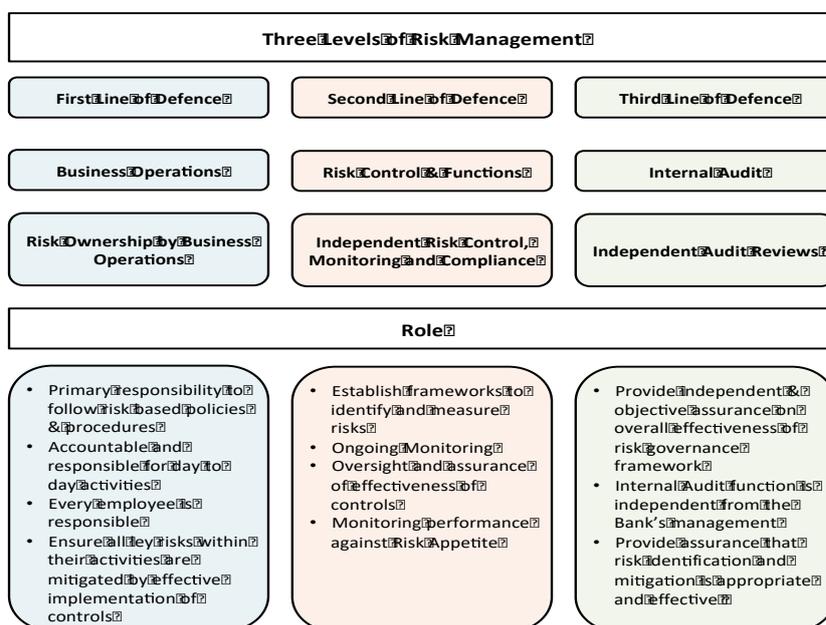
- Maintain capital of 2% over and above the minimum regulatory capital requirement.

Liquidity

- Minimum survival period of 90 days under firm own stress test
- Minimum LCR of 120%
- AD ratio not to exceed 100%

4.5 3 Lines of Defence

For smooth running and effective risk / threat identification and mitigation, the Bank operates on the 3 lines of defence model.



The Bank regularly review, monitor and update the 3LOD model to ensure it remains current as part of overall review of Risk Management Framework.

4.5.1 Risk Governance - roles and responsibilities

First Line of Defence

As the first line of defence, the business functions, as the owners of the risk manage exposures arising in the Bank on a day-to-day basis. These business functions may be the front office, the back office or support functions.

The business functions identify, assess, control, and mitigate risks. As the first line of defence, they are also responsible for implementing corrective actions to address any process and control deficiencies. They also develop and implement internal policies and procedures ensuring that activities are consistent with goals and objectives of the Bank. The relationship managers also review and escalate any credit issues related to lending customers to the Country Credit Committee (CCC) to ensure timely action. This process has been re-emphasized during the implementation process of IFRS9 to avoid erratic movement between Stage 1 and Stage 2.

Second Line of Defence

The Bank has established a second line of defence to help build and/or monitor the first line of defence controls and provide appropriate challenge to assumptions and assertions made by the business. At the Bank typically Risk, Compliance and Finance act as the second line of defence, however if these departments are the owner of a business process and act as first line of defence, then other departments become the second line of defence.

These functions facilitate and oversee the implementation of effective risk management and assist risk owners in defining the target risk exposure and reporting adequate risk-related information to the Bank, the Parent Bank and to the Regulators.

The senior management and committees such as ALCO, EXCO and ARCC are also part of overall second line of defence providing an oversight, challenge and monitoring of the adequacy and implementation of effective internal control and risk management practices.

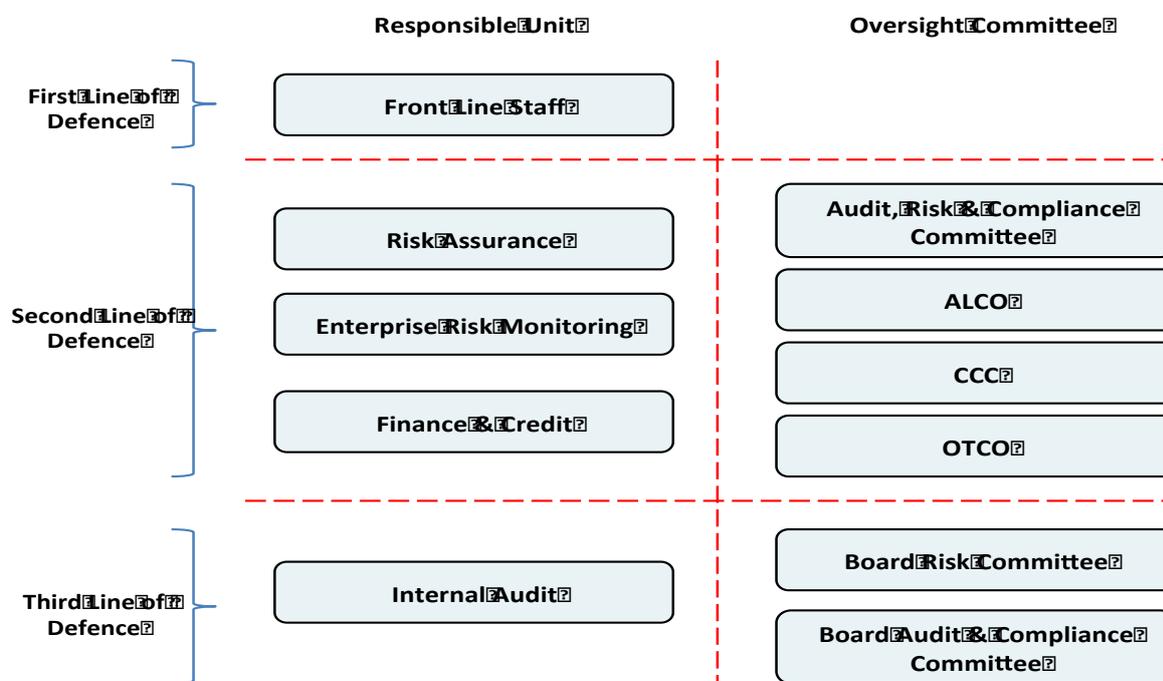
With the implementation of IFRS9 the second Analytics function working under Head of Credit closely monitors overdue accounts and provides reminders to relationship managers for recovery and identification of problems loan at an initial stage. This process is reviewed at CCC and other sub committees such as Credit Policy and MI and Remedial Management committee.

Third Line of Defence

Audit, as the third line of defence provides independent assurance on the operations and the performance of the first two lines of defence. The Board Audit and Compliance Committee (BACC) has defined the internal audit program and outsourced the performance of the internal audit function to an independent audit firm in order to provide assurance on the efficiency and effectiveness of operations, safeguarding of assets, reliability and integrity of reporting processes and compliance with laws, regulations, policies, procedures, and contracts.

The BRC provides oversight to the overall effectiveness of enterprise risk management framework.

Three Lines of Defence Oversight Process:



4.6 IFRS 9 Adoption

The Bank has adopted IFRS 9 “Financial Instruments” from 1st January 2018. The Bank has updated its relevant credit processes and impairment requirements which relates to model and data governance, credit impairment and value adjustments. ICAAP document has been updated to incorporate these changes. To arrive at an Expected Credit Loss (ECL) in relation to financial assets held by the Bank, models have been developed with support of external consultants, which underwent detailed user acceptance testing. The Bank has completed the process of assessing the initial impact of ECL, which mainly relates to lending portfolio.

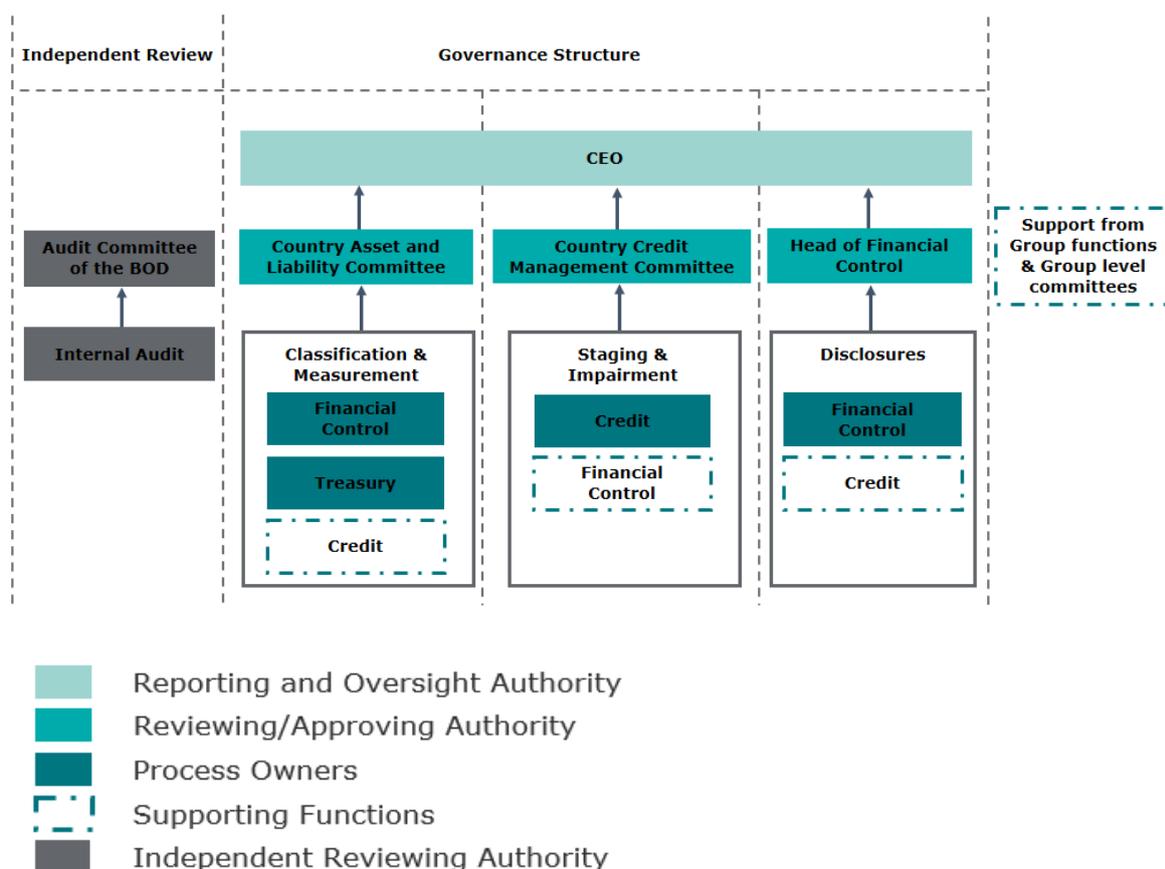
The Bank has followed a general approach in designing ECL methodologies, which are commensurate with its size, complexity, structure, economic significance and profile of exposure. The approach taken is considered proportionate in the context of the size of the Bank within the UK financial market, its relative lack of complexity as well as minimal volatility in its credit losses over the past five years.

IFRS 9 Impairment applies to financial instruments that are not measured at fair value through profit and loss (FVTPL). Financial assets falling within the scope of impairment are provided for by calculating their Expected Credit Loss (ECL). This requires considerable judgement regarding how changes in economic factors affect ECLs, which will be determined on a probability-weighted basis. ECL is an estimate of present value of cash shortfalls over the life of the financial instrument, and is computed as a product of probability of default (PD), loss given default (LGD) and exposure at default (EAD). The present value of cash shortfalls is calculated by taking into account the time value of money and forward-looking information.

Post implementation of IFRS 9, the Bank established principles for ongoing IFRS 9 governance to ensure effective oversight of IFRS 9 processes. IFRS 9 governance structure incorporates Credit, Risk and Finance departments as central support functions for each component of IFRS 9, defines clear process owners and reviewing functions and utilises the three lines of defence to ensure an effective framework.

Governance Structure outlined below are the three lines of defence for the four key IFRS 9 processes, classification and measurement, staging, impairment and disclosures,

- The process owners i.e. Credit, Financial Control and Treasury form the first line of defence
- The reviewing/approving functions i.e. Chief Executive Officer, Head of Financial Control, Country Credit Management Committee and Country Asset and Liability Committee form the second line of defence
- The independent review functions i.e. Internal Audit and the Audit Committee of the BOD form the third line of defence



The Bank has also put in place appropriate control to cover credit risk model governance risk. The objective was to set out the governance for the development, validation / review, deployment and maintenance of the credit risk related models. The implemented controls put in place framework for governance along the different stages of the model lifecycle.

The purpose of these controls is to set out in particular the principles and requirements for effective governance of the Bank's Expected Credit Loss (ECL) models and methodologies used for estimating the respective risk components. The main statistical models in scope of these controls include the following:

- credit risk rating model for rating of obligors belonging to the Corporate / SME portfolios
- probability of default ("PD") models (and /or methodologies)
- loss given default ("LGD") models (and /or methodologies)
- exposure at default ("EAD") models (and /or methodologies)
- credit conversion factor ("CCF") models (and /or methodologies), and
- macroeconomic models.

For the purpose calculating ECL Bank has developed models for types of financial assets

- Customer Lending – separate models for property lending and other lending
- Investments and Financial Institutions

4.7 Scenario Analysis and Stress Testing

A stress test is commonly described as the evaluation of a bank's financial position under a severe but plausible scenario to assist in a forward-looking decision making within the bank.

Stress testing is an important risk management tool that is used by the Bank and supplements other risk management approaches and measures. It plays a particularly important role in:

- providing forward-looking assessments of risk;
- feeding into capital and liquidity planning procedures;
- informing the setting of a Bank's risk appetite and thresholds; and
- facilitating the development of risk mitigation or contingency plans across stressed conditions.

The Board and senior management are involved in ensuring the appropriate use of stress testing in the Bank's risk governance and capital planning. This includes setting stress testing objectives, defining scenarios, discussing the results of stress tests, assessing potential actions and decision-making.

The Board has ultimate responsibility for the overall stress-testing programme, whereas senior management is accountable for the programme's implementation, management and oversight.

The Stress Testing scope covers the following key risk areas:

- Capital
- Liquidity
- Credit Risk & Provisions
- Earnings – P&L

The Stress testing scenarios cover Bank specific risks, market specific risks and a combined impact to arrive at the impact on the key measures of capital, liquidity, provisions and earnings. The frequency of review is once a year except for the property stress test, which is conducted twice a year.

The process for reverse stress testing involves defining the point of failure of the firm (in this case full capital erosion) and working backwards to identify the scenarios leading to that. The challenge in the exercise is to identify scenarios that are both sufficiently extreme and relevant to the Bank.

Details of stress testing, related financial impact and actions to deal with the stressed scenarios are covered in the ICAAP & ILAAP.

5. Significant Risks

The key risks as assessed by the Bank are as follows:

5.1 Credit Risk

Credit Risk is defined as of loss of principal or a loss of a financial reward stemming from a borrower's failure to repay a loan or otherwise meet a contractual obligation resulting in financial loss to the Bank. It is also measured in terms of credit losses or provisions charged to the profit and loss account. Qualitative information also used to assess issues related to the effectiveness of the risk appetite.

The Bank manages its credit risk through documented Credit Risk Management Framework ("CRMF"), which is part of the overall Risk management framework. CRMF serves as a collection of tools, processes and methodologies that support the Bank in identifying, assessing, monitoring and controlling the credit risk.

The CRMF also provides a sound basis for more informed risk-based decision-making across the business areas. The CRMF includes the credit risk appetite, which defines the bank's target customer segment, industries and products, risk acceptance. CRMF reflects regulatory requirements and guidelines in the UK while also referencing the overall credit risk framework and guidelines of the Group.

Through CRMF the Board ensure that the Bank has a clear and measurable statement of its credit risk appetite against which the strategy to achieve the credit related aspects of its business plan can be actively assessed. In order to measure its achievements against this goal, the Board and management of the Bank are provided with robust, well calibrated and sufficiently granular management information so that they can provide an effective challenge to management's actions.

5.1.1 Counterparty credit risk (CCR)

A Counterparty Credit Risk (CCR) Exposure is the risk of financial loss in derivative, foreign exchange trading or securities financing activities, due to a counterparty's failure to perform at any time from trade date to settlement date. It is the credit risk of the counterparty and is additionally subject to market risk. The exposure is calculated based on the regulatory requirement.

5.1.2 Credit value adjustment (CVA)

Credit Valuation Adjustment is an adjustment to the mid-market valuation accounting for the current market value of credit risk. Bank calculates a regulatory CVA capital charge. The purpose of this charge is to improve the resilience of banks to potential mark-to-market losses associated with deterioration in the creditworthiness of counterparties in non-cleared derivative trades.

5.1.3 Credit Quality Analysis

The following table set out information about the credit quality of financial assets measured at amortised cost and FVOCI debt investments (2018) and available-for-sale debt assets (2017). Unless specifically identified, for financial assets, the amounts in the table represent the gross carrying amounts.

	Amount in £				2017 Total
	2018			Total	
	Stage 1	Stage 2	Stage 3	Total	
Cash in hand and with central bank	66,809,975	-	-	66,809,975	65,612,043
Due from banks	59,068,438	-	-	59,068,438	59,648,488
Loans and advances to customers	369,903,047	19,736,600	14,920,570	404,560,217	393,310,224
Financial investments - amortised cost	34,913,577	-	-	34,913,577	90,906,053
Financial investments - FVOCI debt instruments	68,472,832	-	-	68,472,832	-
	103,386,409	-	-	103,386,409	90,906,053
	599,167,869	19,736,600	14,920,570	633,825,039	609,476,808
Loss allowance	(1,099,244)	(458,045)	(4,165,020)	(5,722,309)	(12,876,498)
	598,068,625	19,278,555	10,755,550	628,102,730	596,600,310

The following table provide information about the credit quality of financial assets outstanding as at the balance sheet date in terms of regular, past due and impaired.

Amount in £

2018	Cash and balances with central bank	Due from banks	Loans and advances to customers	Financial investments	Derivatives	Total
Current and past due up to 1 month	66,809,975	59,068,438	401,207,424	103,386,409	167,181	630,639,430
Past due 1 to 3 months	-	-	1,340,185	-	-	1,340,185
Past due over 3 months	-	-	2,012,608	-	-	2,012,608
Gross exposure	66,809,975	59,068,438	404,560,217	103,386,409	167,181	633,992,223
Less: impairment	-	(137,391)	(5,583,365)	(1,553)	-	(5,722,309)
Net exposure	66,809,975	58,931,047	398,976,852	103,384,856	167,181	628,269,914

5.1.4 Credit Risk Ratings

For the purpose of credit risk ratings, the Bank segregates its loans and advances portfolio into two categories namely, Property Sector lending and Other Lending (primarily comprising of commercial lending). Property sector lending covers major portion of the total lending portfolio. The Bank follows a program-based lending approach for property sector lending with clearly defined Risk Acceptance Criteria (RAC) for this segment rather than a credit risk rating methodology.

The Bank recognises loans and advances as past due when the customer does not meet its contractual payment obligations.

The Bank regards a loan and advance or a debt security as impaired if there is objective evidence that a loss event has an impact on future estimated cash flows from the asset. Financial assets split by external rating, where applicable:

Amount in £

	Cash and balances with central bank	Due from banks	Loans and advances to customers	Financial investments	Derivatives	Contingent liabilities and commitments	Total
AAA to AA-	65,846,901	14,254,664	-	77,350,797	-	-	157,452,363
A+ to A-	-	201,670	-	26,034,059	30,946	3,754,117	30,020,792
BBB+ to B-	-	32,443,913	-	-	135,947	7,855,175	40,435,035
Unrated	963,074	12,030,800	398,976,852	-	288	34,458,107	446,429,120
	66,809,975	58,931,047	398,976,852	103,384,856	167,181	46,067,399	674,337,310

Bank uses the external credit agencies Fitch, S&P and Moody's to obtain ratings for its credit exposures relating to financial institutions, banks and sovereign agencies or entities.

5.1.5 Concentration of Risk

Concentration arises when a number of counterparties are engaged in similar business activities, or activities in the same geographic region, or have similar features that would cause their ability to meet contractual obligations to be affected by changes in economic, political or other conditions. The Country Credit Committee primarily manages concentration risk. The Bank Assets and Liabilities Committee also monitor credit concentration. All material exposures are reported to the Board Risk Committee, which escalates material concerns to Board of Directors.

Segmental concentration of financial assets and credit related contingent liabilities:

Amount in £

	Cash and balances with central bank	Due from banks	Loans and advances to customers	Financial investments	Derivatives	Contingent liabilities and commitments	Total
Super-nationals	65,846,901	-	-	58,920,213	-	-	124,767,114
Financial Institutions	-	58,931,047	-	44,464,643	166,893	11,778,484	115,341,067
Industrial & commercial	-	-	335,788,938	-	288	33,373,755	369,162,981
Individual	-	-	63,187,914	-	-	915,160	64,103,074
Other	963,074	-	-	-	-	-	963,074
	66,809,975	58,931,047	398,976,852	103,384,856	167,181	46,067,399	674,337,310

Super-nationals include investment made by the Bank in high rated bonds issued by sovereigns and multilateral development banks.

Geographical concentration of financial assets and credit related contingent liabilities:

	Amount in £						
	Cash and balances with central bank	Due from banks	Loans and advances to customers	Financial investments	Derivatives	Contingent liabilities and commitments	Total
United Kingdom	66,809,975	25,730,227	369,426,479	7,535,071	125,660	38,259,903	507,887,315
Europe excluding UK	-	7,846,212	4,425,255	66,926,536	41,521	4,698,077	83,937,601
Asia	-	14,250,843	5,181,752	11,263,892	-	33,672	30,730,159
North America	-	240,250	14,386,164	3,000,495	-	-	17,626,909
Africa	-	9,738,744	5,557,202	-	-	3,075,747	18,371,693
United States of America	-	1,124,771	-	10,160,894	-	-	11,285,665
Australia	-	-	-	4,497,968	-	-	4,497,968
	66,809,975	58,931,047	398,976,852	103,384,856	167,181	46,067,399	674,337,310

5.1.6 Collateral Management

Collateral Risk is mitigated through the use of readily marketable collateral, avoidance of collateral with high volatility and use of haircuts as per approved Bank's policy.

Collateral values are assessed by professional valuers. The Bank uses panel of valuers selected through a robust due diligence process. Residential or commercial collateral used by the Bank are on vacant possession, which provides fair degree of conservativeness to the values used for calculating LTV. The Bank generally performs valuation of properties every five years.

Key threat arising along with controls & mitigations in place are tabulated below:

Collateral Risk	Controls & Mitigation in Place
Risk Arising from reduction in collateral values	<ul style="list-style-type: none"> ▪ Generally acceptable collateral - Cash, Residential & Commercial Property, Bank Guarantees, Shares & Bonds & life insurance with surrender value. ▪ Lien is marked against cash taken as collateral ▪ Charge is recorded in Bank's name in land registry relating to residential and commercial properties taken as collateral. ▪ Other collateral like Bank Debenture, Stocks, Receivables, Personal Guarantees also available but discounted for lending and provision decisions. ▪ Well defined haircuts for all collateral with Property haircuts arrived at on the basis of type of property, location and market conditions ▪ Property Stress tests conducted every six months
Risk arising from inadequate perfection of Security for Customer Borrowing	<ul style="list-style-type: none"> ▪ Credit Administration unit centralised ▪ Standardisation of documents and processes for Risk mitigation ▪ Duly reviewed & approved panel of solicitors & valuation firms

The Bank accepts collateral subject to legal review and appropriate documentation in accordance with the Credit Risk Management Policy. The Credit Department keeps a comprehensive record of collateral received and is responsible for regular updates to the valuation of the underlying collateral. The documentation entered into with the obligor specifies the Bank's rights and ability to liquidate the collateral, if required. The Country Credit Committee is responsible for decisions regarding liquidation or appropriation of collateral based on recommendations from the Head of Credit and advice from the Legal Department. Further details of collateral can be found in the audited financial statements.

The carrying amount of financial assets recorded in the balance sheet, net of any allowances for losses, represents the Bank's maximum exposure to credit risk without taking account of any collateral obtained. The fair value of collateral and security enhancements held against loans or advances to customers is shown below:

Collateral Type	2018		2017	
	Collateral Value	Advances	Collateral Value	Advances
Commercial real estate	585,575,250	282,820,268	558,914,497	268,904,249
Residential real estate	217,983,934	98,448,301	224,692,811	95,359,453
Cash collateral	30,929,290	20,144,691	36,840,896	24,420,145
Other collateral	-	-	2,331,453	1,049,011
Guarantees	-	-	300,000	280,878
Unsecured	-	3,146,957	-	3,296,488
Total	834,488,474	404,560,217	823,079,657	393,310,224

5.1.7 Credit Risk Weighted Exposures

The Bank has adopted Standardized Approach as set out by CRR and approved by the PRA under which Credit risk weighted exposures are calculated on the basis of the rating regime as prescribed in Standardised Approach by PRA Supervisory Statement SS10/13.

Following table provides the breakdown of credit risk exposures post credit risk mitigation (CRM) and credit conversion factors (CCF) as at December 2018 segregated as per the sectors:

Exposures as per Sectors	Amount in £			
	On Balance Sheet 2018 (£)	Off Balance Sheet 2018 (£)	Total 2018 (£)	Total 2017 (£)
Retail	33,019	-	33,019	29,480
Secured by mortgages on immovable properties	276,464,051	-	276,464,051	244,522,342
Exposures in default	16,204,827	-	16,204,827	31,876,878
Contingencies and commitments	-	10,649,288	10,649,288	13,572,986
Institutions	34,828,113	-	22,473,403	22,473,403
Counterparty credit risk	-	139,282	139,282	407,034
Other	15,074,584	-	15,074,584	17,119,115
	342,604,595	10,788,570	353,393,165	330,001,238

Following table provides the breakdown of credit risk exposures post credit risk mitigation (CRM) and credit conversion factors (CCF) as at December 2018 as per geographical breakdown:

Country wise Exposures	2018	2017
United Kingdom	302,614,558	279,204,588
Europe excluding UK	10,326,432	9,087,676
Asia	10,131,082	15,069,249
North America	13,153,721	14,735,742
Africa	12,909,710	8,698,372
United States of America	3,348,671	3,196,403
Australia	908,992	9,209
	353,393,165	330,001,238

5.1.8 Credit Risk Mitigation (CRM)

Risk mitigation mechanisms are employed to minimize credit risk in the event of credit quality deterioration. This primarily includes cash and bank guarantees. The reported credit risk weighted assets in the above schedule are reflected after employing the risk mitigation techniques.

5.2 Interest Rate Risk in the Banking Book

Interest rate risk arises from changes in interest rates that could affect future profitability or the fair value of financial instruments. Interest rate risk at the Bank is managed and contained and the Bank has no significant long term or complex interest rate positions or products. The Bank seeks to minimise the negative impact on net interest income of adverse movement in interest rates. The Bank has assessed IRRBB in accordance with SOP 2018.

Duration Risk

The Bank's main lending product is a 5 years variable rate loan. For client asset pricing, the Bank uses its own base rate, which can be changed with notice to the customers. Deposits are typically of 6 months to 1-year duration. Therefore, any significant fluctuation in interest rate is contained to a 6-month window and unlikely to have a material impact on the Bank as it can re-price its lending and customer deposit books.

Basis Risk

The Bank uses its own base rate (HBZ Base Rate) to price up Client loans. For deposits it aligns closely to the overall cost of funds and does a peer analysis. Therefore, basis risk is very limited.

Optionality Risk

The Bank currently does not use Interest Rate derivatives, whether embedded in loan agreements or for hedging purposes. As asset and liability products offered by the Bank are simple in nature, which mitigates optionality risk.

Risk Identification and Quantification

The Bank is exposed to interest rate risk on part of its HQLA Bond portfolio (Fixed Coupon) maintained to meet the LCR requirement. The Bank also has an investment Bond portfolio of investment grade (or higher). These are Floating Rate Notes (FRN) no longer than 3-year maturity and benefit in an interest rate rising environment (USD and GBP) as the rates are linked to 3 months LIBOR. The Bank monitors the economic landscape closely for any change in the interest rate environment.

5.3 Operational Risk

Operational Risk is defined as the risk of direct or indirect loss resulting from inadequate or failed internal processes, people and systems, or from external parties. Specifically, this includes: employees (e.g. fraud or key man dependencies), third party intermediaries, information technology (systems), and processes including failure to meet regulatory/legislative requirements or internal procedures.

The Bank's operational processes exist to support the servicing of customers and to maintain compliance with relevant regulation. These imperatives will be robustly protected. The Bank ensures that it remains compliant with the latter but its approaches to the former will vary according to priority and need. In terms of customer services, the Bank will actively employ flexible approaches to maintaining and protecting delivery and to this end will incur reasonable costs as required.

Operational Risk is the risk that the Bank triggers one or more of the below situations due to failed internal processes, people and systems – these can be internal or external to the Bank:

- Adversely impacts customers (customers are defined as customer of the Bank as well as internal "customers" such as colleagues with a dependency on particular output or service)
- Incurs losses e.g. operational losses (this includes temporary losses i.e. where recovery is made or is in progress of being made)
- Breaches in regulatory requirements or other policies and practices of the Bank

The Bank has adopted the Basic Indicator approach for calculating Operational Risk capital as set out in the CRR and consequently embarks on rigorous risk identification exercises to establish any Pillar 2 requirements for Operational Risk.

To mitigate occurrence of loss as a result of operational risk, the management has implemented systems and controls some of which includes introduction of operation risk register, risk event reporting process and centralisation of process.

5.4 Cyber Risk

In today's modern banking landscape banks are expected to provide multiple transactional gateways to their customer in order for the customers to access their bank account and conduct transactions round the clock. Banks are expected to provide these transactional capabilities to their customers ensuring they are authenticating the customers at various levels throughout the transactional journey. In opening up multiple transactional channels the banks are exposed to risk and threats, which exist today in the cyber space.

Habib Bank Zurich plc takes risks associated with Cyber Security extremely seriously and is constantly engaged in not only improving and strengthening its transactional gateways but also its internal operating environment. For the Bank it is equally important to ensure that its internal infrastructure on which employees are operating is secure and fit for purpose. The Bank has successfully completed various infrastructure-hardening projects some of which are mentioned below

- Deployment of Managed Switches: To ensure only authorised devices are allowed on Internal Network and to isolate any device within the network
- End Point Security: Deployment of centrally administered AV to ensure all user end points are protected
- Proxy Servers: Roll out of new proxy server operating on HBZ Group approved policies ensuring only permitted websites are accessible
- Thin Client: Planned roll out thin client systems using Citrix ensuring only permitted activities can be conducted and authorised applications are installed on end points
- Verified by Visa: HBZ UK successfully completed certification of VBV service to provide its customer secure online shopping experience

The Bank recognises risk associated with Cyber threats and is constantly taking proactive measures to strengthen its operating environment in order to provide secure banking experience to internal as well as external stakeholders.

5.5 Regulatory Compliance Risk

“Regulatory Compliance” means compliance with relevant UK and other regulatory rules and requirements. At its highest level this means the Bank’s “arrangements” to ensure that it comply with the regulators threshold conditions, Statements of Principle, rules, codes and guidance and any relevant directly applicable provisions of a European or group Directive or Regulation.

The Bank has an effective compliance function, which operates independently and, which has the following responsibilities:

- to monitor and, continually assess the adequacy and effectiveness of the measures and procedures put in place in accordance with SYSC 6.1.2 R, and the actions taken to address any deficiencies in the firm’s compliance with its obligations; and
- to advise and assist the relevant persons responsible for carrying out regulated activities to comply with the Bank’s obligations under the regulatory system.

The Compliance function measures and monitors regulatory compliance through the HBZ UK Compliance Monitoring Plan, and through its interactions with first line of defence.

6. Liquidity Risk

Liquidity risk is the risk that the Bank is unable to meet its obligations as they fall due and in the currency in which they are due. Typically, this arises from a mismatch in the cash flows arising from assets, liabilities and contingencies. To limit this risk, the Bank manages the maturities of its assets and liabilities and its cash flows on a daily basis.

The Bank has put in place strategies, policies, processes and systems that enable it to identify measure, manage and monitor liquidity risk over an appropriate set of time horizons, including intraday, so as to ensure that it maintains adequate levels of liquidity buffers. The Bank’s liquidity policy is based on maintaining sufficient liquid resources to ensure there is no significant risk that its liabilities cannot be met as they fall due.

The Board oversees liquidity risks. The risks identified in the Bank’s risk profiles are all at a level, which are in line with the current business operations and the Business Plan. The Bank has a clearly defined liquidity risk appetite approved by the Board. This forms the basis of its liquidity risk policy as well as systems and controls

around the management of liquidity adequacy. The Bank continues to review and update its liquidity risk management framework based on developments in market and industry best practices.

The Bank has the following liquidity profile that analysis assets and liabilities into relevant maturity buckets based on the remaining period to contractual maturity. The maturity profile is the representative of its contractual undiscounted cash flows.

Amount in £							
2018	Carrying amount	Gross nominal inflow/(outflow)	Within 1 month	1-3 months	3 months-1 year	1-5years	> 5 years
Financial asset by type							
<i>Non-derivative assets</i>							
Cash in hand & with central bank	66,809,975	66,851,919	66,851,919	-	-	-	-
Due from banks	58,931,047	59,044,540	40,423,546	13,060,901	5,560,093	-	-
Loans & advances to customers	398,976,852	476,976,221	48,749,158	6,946,491	17,169,673	68,433,977	335,676,922
Financial investments - fair value through other comprehensive income	68,471,279	68,580,979	1,576,431	-	12,082,061	54,922,487	-
- Amortised cost	34,913,577	35,547,952	-	-	-	35,547,952	-
	628,102,730	707,001,611	157,601,054	20,007,392	34,811,827	158,904,416	335,676,922
<i>Derivative assets</i>							
Risk management	167,181						
Outflow		9,510,433	2,415,487	5,396,582	1,698,364	-	-
Inflow		(9,314,946)	(2,371,419)	(5,295,192)	(1,648,335)	-	-
	167,181	195,487	44,068	101,390	50,029	-	-
Financial liability by type							
<i>Non-derivative liabilities</i>							
Due to banks	17,398,649	(17,381,208)	(17,381,208)	-	-	-	-
Due to customers	523,493,393	(526,953,998)	(280,165,890)	(70,299,907)	(176,207,042)	(281,159)	-
Subordinated liabilities	20,103,671	(20,319,786)	-	-	-	(20,319,786)	-
	560,995,713	(564,654,992)	(297,547,098)	(70,299,907)	(176,207,042)	(20,600,945)	-
<i>Derivative liabilities</i>							
Risk management	137,160	-	-	-	-	-	-
Outflow		10,635,401	5,235,035	3,743,401	1,656,965	-	-
Inflow		(10,884,906)	(5,367,267)	(3,819,275)	(1,698,364)	-	-
	137,160	(249,505)	(132,232)	(75,874)	(41,399)	-	-

The Bank has disclosed a contractual maturity analysis for its financial instruments. This includes a maturity analysis for financial assets that it holds as part of its managing liquidity risk - e.g. financial assets that are expected to generate cash inflows to meet cash outflows on financial liabilities - because the Bank considers that such information is necessary to enable financial statement users to evaluate the nature and extent of its liquidity risk.

6.1 Liquidity risk management

The Bank has put in place strategies, policies, processes and systems that enable it to identify measure, manage and monitor liquidity risk over an appropriate set of time horizons, including intraday, so as to ensure that it maintains adequate levels of liquidity buffers. The Bank's liquidity policy is based on maintaining sufficient liquid resources to ensure there is no significant risk that its liabilities cannot be met as they fall due.

The liquidity and funding management and liquidity oversight ranges from high-level annual strategic plans and firm wide management engagement in stress-testing exercises, through to daily liquidity monitoring and management. The Bank has established and continues to develop a business strategy of balanced and manageable growth in light of known capital and funding resources and the prospective economic environment.

6.2 Liquidity and funding risk management governance

The Bank has a governance structure in place to ensure that its liquidity position is kept under close review, principally under the supervision of the ALCO. Treasury department is responsible for day-to-day

management of liquidity and funding. Finance Department is responsible for daily monitoring and reporting on liquidity positions. Risk management as part of Enterprise Risk Management Framework keeps an oversight on the liquidity risk indicators. The ALCO and EXCO get the daily liquidity MI that includes regulatory thresholds as well as the assurance on the Bank's 90 days survivability.

The primary goal of liquidity risk governance is to establish operating parameters and hold people accountable for performance. The Bank has established a governance framework to ensure that all risks are covered adequately and monitoring is effective at all levels.

The model helps the Bank's stakeholders in effective and efficient risk management as it provides a simple and effective way to enhance communications on risk management and control by clarifying essential roles and duties under the departmental level Functional Charters.

6.3 Qualitative Information (EU LIQ1)

6.3.1 Funding and liquidity sources

Bank has stable and diverse range of funding base including deposits from retail and non-retail customers with long length of relationship, deposits covered by Financial Service Compensated Scheme (FSCS) Tier1 and Tier2 Capital base and wholesale deposits.

6.3.2 Derivatives

The Bank transacts derivatives to manage and hedge its own risk and that of its customers. The Bank uses derivatives for hedging purposes for an economic perspective in the management of its own asset and liability portfolios. This enables the Bank to mitigate the market risk, which would otherwise arise from structural imbalances.

Forward foreign exchange currency contracts are Over the Counter agreements to deliver, or take delivery of, a specified amount of an asset or financial instrument based on a specific rate applied against the underlying asset or financial instrument, at a specific date.

Derivative transactions of the Bank are fully collateralised by the cash.

6.3.3 Liquid Assets

Bank held extremely high-quality liquid assets in the form of Bank of England Reserves and level 1 Securities. The LCR disclosure template with liquidity risk limits are provided hereunder:

Liquidity coverage ratio (LCR)	2018	2017
Total high-quality liquid assets (HQLA)	122,555,336	141,876,074
Total net cash outflow	61,884,045	60,162,568
LCR ratio (%)	198.04%	235.82%
Regulatory requirement (%)	100%	90%

7. Capital Management and Capital Adequacy

The primary objective of capital management is to maintain strong capital to support medium to long-term business growth. An effective capital management process provides resilience arising from both internal and external factors resulting in additional capital requirements. The Bank maintains strong capital ratios not only to support its business and maximise shareholders' value but also to maintain depositors' and market confidence. The Prudential Regulation Authority sets and monitors the capital requirement for the Bank.

The Bank's capital has been invested by the Parent bank to support long-term business growth of the Bank, which includes capital resources to meet Pillar 1, Pillar 2, CRD Buffers and PRA Buffer. The Bank also maintains internal capital buffer over and above the minimum regulatory capital requirement. The Bank also takes into account changes in economic conditions; risk characteristics of its activities and regulatory requirement in managing its capital structure and make adjustments to it in the light of such changes.

	Amount in £	
	2018	2017
Called up share capital	60,000,000	60,000,000
Retained earnings	10,229,002	7,432,075
Tier 1 capital before regulatory adjustments	70,229,002	67,432,075
Regulatory adjustments:		
- IFRS 9 (ECL) impact of regulatory capital (transitional adjustment)	348,911	-
Tier 1 capital after regulatory adjustments	70,577,913	67,432,075
Tier 2 capital (Subordinated liabilities)	20,000,000	20,000,000

7.1 Own Funds (Capital Resources)

Own funds or capital resources are the minimum amount of capital the institution must hold as per relevant regulatory rules and Total Capital requirement (TCR) received from the PRA. This is also called as regulatory capital. The Bank in accordance with CRDIV requirements must hold sufficient quantity and quality of own funds.

Bank's own funds comprises of Tier 1 and Tier 2 capital. Bank successfully complied with the capital requirements throughout the year 2018 and actively managed capital base to cover risks exposed to the Bank.

The table below summarizes the composition of regulatory capital for the Bank on a solo basis as at 31 December 2018.

Tier 1 Capital - Called up share capital includes 60 million of ordinary shares fully paid up.

Tier 2 Capital - Subordinated liabilities include the loan of £20m issued by Habib Bank AG Zurich, the parent Bank. The loan carries interest at a rate of 6-month Libor plus 125 bps per annum to be paid semi-annually. The initial term of the loan is five years. The term of loan can be extended for one additional year on each anniversary with the mutual consent of both lender and borrower after the expiry of the initial term.

7.2 Own Funds Requirements

Bank successfully maintained its regulatory capital substantially above what actually required.

The table below provides the detail of own funds or capital requirement for the bank:

Amount in £	2018	
	Risk Weighted Assets	Capital Requirement
Credit Risk	353,393,165	28,271,453
Operational Risk	33,469,580	2,677,566
Market Risk	316,358	25,309
Pillar 1 Total (8% of RWAs)	387,179,103	30,974,328
Pillar 2A (5.82% of RWAs)	387,179,103	22,533,824
Total Pillar 1 and Pillar 2A (13.82%) - TCR	387,179,103	53,508,152
PRA Buffer (0.61% of RWAs)	387,179,103	2,361,793
Capital Conservation Buffer (1.875% of RWAs)	387,179,103	7,259,608
Countercyclical Buffer (1% of RWAs)	387,179,103	3,871,791
Total Capital Requirement - £ 000'	387,179,103	67,001,344
Total Capital Requirement - %		17.305%

Amount in £	2017	
	Risk Weighted Assets	Capital Requirement
Credit Risk	330,001,238	26,400,099
Operational Risk	29,496,600	2,359,728
Market Risk	443,148	35,452
Pillar 1 Total (8% of RWAs)	359,940,986	28,795,279
Pillar 2A (3.69% of RWAs)	359,940,986	13,281,822
Total Pillar 1 and Pillar 2A (11.69%) - TCR	359,940,986	42,077,101
PRA Buffer (1.76% of RWAs)	359,940,986	6,334,961
Capital Conservation Buffer (1.875% of RWAs)	359,940,986	6,748,893
Countercyclical Buffer (0.5% of RWAs)	359,940,986	1,799,706
Total Capital Requirement - £ 000'	359,940,986	56,960,661
Total Capital Requirement - %		15.825%

Capital Adequacy Ratio of the Bank as at 31 December 2018 is as under:

- Risk Weighted Assets – Amount in £	387,179,103
- Regulatory Capital – Amount in £	90,432,075
- Capital Adequacy Ratio - %	23.36%

8. The Internal Capital Adequacy Assessment Process (ICAAP)

The Bank's capital adequacy assessment process demonstrates its sound and effective Risk Management Framework. The ICAAP has been structured to evidence the on-going processes established to ensure existing and new risks to the Bank's corporate objectives and operations are promptly identified and the impact assessed to ensure the Bank has sufficient capital to meet these risks.

The document quantifies the risks in the Business Plan and summarises the impact of those risks on capital. Having assessed the risks, the document sets out the management and mitigation of these risks.

The ICAAP is undertaken annually ensuring the Board governing process that includes reviews and approvals. ICAAP process includes the analysis of the Pillar 2 capital required in addition to the risks not covered under Pillar 1 requirements. Additionally, this process also accounts for various stress testing exercises and their potential impacts on Bank's capital and profitability.

The upfront and more than adequate capital demonstrate the commitment of the group to operate a sustainable and viable franchise in the UK. The ICAAP also demonstrates the adequacy of non-financial resources (in the form of people, systems, policies and procedures) to manage the adequacy of these financial resources on an on-going basis.

9. Leverage Ratio

The Basel III framework introduced a simple, transparent, non-risk-based leverage ratio to act as a credible supplementary measure to the risk-based capital requirements. The leverage ratio is intended to:

- restrict the build-up of leverage in the banking sector to avoid destabilising deleveraging processes that can damage the broader financial system and the economy; and
- reinforce the risk-based requirements with a simple, non-risk based "backstop" measure.

The Basel III leverage ratio is defined as the capital measure (the numerator) divided by the exposure measure (the denominator), with this ratio expressed as a percentage:

- Leverage ratio = Capital measure / Exposure measure

The PRA has proposed that the leverage ratio requirements will apply to all banks from 1 January 2018. This proposed requirement comprises of a minimum ratio of 3%. As at 31 December 2017 Bank has a leverage ratio of 10.65% (2017: 10.61%).

The tables below summarised the information as per the formats prescribed by the European Banking Authority (EBA). Rows with Nil balances are not deleted.

Summary comparison of accounting assets vs leverage ratio exposure measure (LR1)

	2018 £	2017 £
Total assets as per published financial statements	635,905,190	604,948,086
Adjustments for derivative financial instruments	19,993,759	23,634,940
Adjustment for off-balance sheet items (i.e. conversion to credit equivalent amounts of off-balance sheet exposures)	10,405,281	12,939,829
Other adjustments	(6,734,239)	(6,206,265)
Leverage ratio exposure measure	659,569,991	635,316,590

Leverage ratio common disclosure (LR2)

	2018 £	2017 £
On-balance sheet exposures (excluding derivatives and securities financing transactions (SFTs), but including collateral)	629,170,951	598,741,821
Deductions of cash variation margin provided in derivative transactions	(341,593)	-
Total On-balance sheet exposures (excluding derivatives and securities financing transactions (SFTs))	628,829,358	598,741,821
Replacement cost associated with all derivatives transactions (i.e. net of eligible cash variation margin)	20,135,778	23,403,696
Add-on amounts for PFE associated with all derivatives transactions (mark- to-market method)	199,574	231,244
Total derivatives exposures	20,335,352	23,634,940
Off-balance sheet exposures at gross notional amount	47,870,491	58,290,803
Adjustments for conversion to credit equivalent amounts	(37,465,210)	(45,350,974)
Total other off-balance sheet exposures	10,405,281	12,939,829
Capital and total exposure		
Tier 1 capital	70,229,002	67,432,075
Total exposure	659,569,991	635,316,590
Leverage ratio (%)	10.65%	10.61%

10. Impairment Provisions

The Bank has adopted IFRS 9 “Financial Instrument” with effect from 01 January 2018 which resulted in significant change in Impairment calculations as the whole process changed from incurred loss to expected loss model. Financial assets falling within the scope of impairment are provided for by calculating their Expected Credit Loss (ECL). This requires considerable judgement regarding how changes in economic factors affect ECLs, which will be determined on a probability-weighted basis. ECL is an estimate of present value of cash shortfalls over the life of the financial instrument, and is computed as a product of probability of default (PD), loss given default (LGD) and exposure at default (EAD). The present value of cash shortfalls is calculated by taking into account the time value of money and forward-looking information.

10.1 Measurement of ECL

In determining ECLs, the Bank has considered two economic scenarios for selected macroeconomic variables, (i) government debt to GDP and (ii) unemployment rate and weighted these according to their likely occurrence. The scenarios include a baseline scenario, based on the current economic environment, an upturn scenario and a downturn scenario. Scenario forecasts were weighted by the scenario's probability of occurrence in order to arrive at the probability-weighted macroeconomic impact over the 5 year forecast horizon.

The estimation and application of this forward-looking information will require significant judgement and be subject to appropriate internal governance and scrutiny.

Loss allowances for ECL are presented in the statement of financial position as follows:

- Financial assets measured at amortised cost: as a deduction from the gross carrying amount of the assets;
- Loan commitments, off balance sheet items and financial guarantees: generally, as a provision;

10.2 Significant increase in credit risk (SICR)

A critical element to the implementation of IFRS 9 for assessing Impairment is determining whether there has been a significant increase in risk of a credit exposure since origination to classify the assets into one of three stages as set out below.

The Bank considers 30 days past due (DPD), marking the status of a loan as non-performing, a rating downgrade, restructure tag, or cross product defaults as being strong indicators of a significant increase in credit risk of an account. Hence, staging rules have been determined based on these criteria, as explained below:

Impairment is measured as either 12 months ECL, or Lifetime ECL depending on the change in credit risk associated with the financial instrument. The approach allocates financial instruments into three stages:

10.3 Staging Criteria

Stage 1 - 12-month ECL

The Bank assesses ECLs on exposures where there has not been a significant increase in credit risk since initial recognition and that were not credit impaired upon origination.

Stage 2 - Lifetime ECL

The Bank assesses ECLs on exposures where there has been a significant increase in credit risk since initial recognition but are not credit impaired. Bank recognizes a lifetime ECL (i.e. reflecting the remaining lifetime of the financial asset).

Stage 3 - Lifetime ECL

The Bank identifies ECLs on those exposures that are assessed as credit impaired based on whether one or more events that have a negative impact on the estimated future cash flows of that asset have occurred. For exposures that have become credit impaired, a lifetime ECL is recognized as a specific provision, and interest revenue is calculated by applying the effective interest rate to the amortised cost (net of provision) rather than the gross carrying amount.

The following tables show reconciliations from the opening to the closing balances of the loss allowance by class of financial instrument. Comparative amounts for 2017 represent allowance account for credit losses and reflect measurement basis under IAS39.

Due from banks at amortised cost	Amount in £				2017 TOTAL
	2018				
	Stage 1	Stage 2	Stage 3	TOTAL	
Balances at the beginning of the year	82,910	-	-	82,910	-
New provisions	34,944	-	-	34,944	-
Increased provisions	19,537	-	-	19,537	-
Uncollectable recovered / settled	-	-	-	-	-
Net measurement of loss allowance	54,481	-	-	54,481	-
Transferred to 12 month's ECL Stage 1	-	-	-	-	-
Transferred to lifetime ECL stage 2 Credit not impaired	-	-	-	-	-
Transferred to lifetime ECL stage 3 Credit impaired	-	-	-	-	-
Balances at the closing of the year	137,391	-	-	137,391	-

Loans and advances to customers at amortised coat	Amount in £				2017 TOTAL
	2018				
	Stage 1	Stage 2	Stage 3	TOTAL	
Balances at the beginning of the year	1,419,576	642,509	11,676,498	13,738,583	16,860,868
New provisions	191,625	-	-	191,625	285,287
Increased provisions	-	283,930	962,221	1,246,151	1,998,351
Recovered / settled / reduced	(842,992)	(427,364)	(1,154,758)	(2,425,114)	(2,462,518)
Net measurement of loss allowance	(651,367)	(143,434)	(192,537)	(987,338)	(178,880)
Transferred to 12 month's ECL Stage 1	325,278	(275,756)	(49,522)	-	-
Transferred to lifetime ECL stage 2 Credit not impaired	(36,942)	324,568	(287,626)	-	-
Transferred to lifetime ECL stage 3 Credit impaired	-	(89,842)	89,842	-	-
Uncollectable written off	-	-	(7,167,880)	(7,167,880)	(3,805,490)
Balances at the closing of the year	1,056,545	458,045	4,068,775	5,583,365	12,876,498

The contractual amounts outstanding on financial assets that were written off during the year ended 31 December 2018 are subject to enforcement activity.

Financial investments	Amount in £				2017 TOTAL
	2018				
	Stage 1	Stage 2	Stage 3	TOTAL	
Balances at the beginning of the year	8,199	-	-	8,199	-
New provisions	1,637	-	-	1,637	-
Increased provisions	5,505	-	-	5,505	-
Uncollectable recovered / settled	-	-	-	-	-
Net measurement of loss allowance	7,142	-	-	7,142	-
Transferred to 12 month's ECL Stage 1	-	-	-	-	-
Transferred to lifetime ECL stage 2 Credit not impaired	-	-	-	-	-
Transferred to lifetime ECL stage 3 Credit impaired	-	-	-	-	-
Impairment of FVOCI investment shown under OCI	(13,788)	-	-	(13,788)	-
Balances at the closing of the year	1,553	-	-	1,553	-

The following table provides reconciliation between:

- Amounts shown in above tables reconciling of opening and closing balances of loss allowance per class of financial instrument; and
- The impairment losses on financial instruments' line item in the statement of profit and loss.

	Amount in £			
	Due from banks at amortised cost	Loans and advances to customers at amortised cost	Financial investments	Total
New provisions	(34,944)	(191,625)	(1,637)	(228,206)
Increased provisions	(19,538)	(1,246,151)	(5,505)	(1,271,194)
Uncollectable recovered / settled	-	2,425,114	-	2,425,114
Total	(54,482)	987,338	(7,142)	925,714

IFRS 9 models are reviewed on a periodic basis with any material change being approved at the Board

11. Asset Encumbrance

Certain assets are pledged as collateral to secure liabilities under Credit Support Annex ("CSA") for derivative liabilities and as security deposits relating to FX forward transactions. The holders of these securities do not have the right to sell or re-pledge the asset except where specifically disclosed. The aggregate amount of collateral pledged under CSAs is £150,000.

12. Employee Remuneration Policy

12.1 Remuneration governance and decision-making

The UK Human Resource Committee (the HRC) assists the Executive Committee in employees' development strategies and plans, including their Continuous Professional Development. The HRC review and approve performance appraisal process. It ensure that the Bank has put in place required procedures to ensure effective implementation and continuous compliance with the requirements of all relevant UK employment rules and regulations including Senior Management and Certification Regime.

The Board is responsible for review and approval of Bank's HR Policy including remuneration practices. The Board on the recommendation of Chief Executive Officer approves annual staff remuneration plan for the year along with total remuneration for senior executive staff including Material Risk Takers (MRTs).

12.2 Performance and reward

The Bank's remuneration policy is in line with market practice and is weighted towards performance-based compensation plan. The Bank is fully cognisant of having a remuneration policy, which is aligned with its long-term objectives and can provide support in the successful implementation of its business strategy. The remuneration policy has been developed while keeping in view the core values of the Bank, which has trust as its core supported by integrity, team work, respect, responsibility and commitment. Values are upheld continuously and embedded at all levels of the organization.

The Bank recognises that robust performance assessment is essential for the sustained success and development of the Bank and its employees. The Bank's performance assessment creates a shared vision of the purpose and aims of the Bank and ensures that each employee understands how he or she makes their contribution.

Performance is reviewed annually against pre-defined measures and efforts are recognized through a combination of monetary and non-monetary benefits. The performance management framework is managed through the Bank's HR Committee and senior executive management.

The Bank's objectives, organisation structure, and HR policies are integrated for best results. This works within an effective control framework and focus on the customer in order to implement the Bank's business strategy.

The Bank's remunerations structure is not linked to any pre-defined business targets for front-end staff. Annual performance rewards are based on overall performance of the Bank and then of the employee based on overall achievement during the year. A key consideration given in evaluating the performance of employees is their overall conduct and compliance with relevant rules and competencies demonstrated during the year.

Annual performance is a self-assessment process where employees assess their own performance against their job profile, which is evaluated, agreed objectives with the line manager. Compliance function also provides their input in on adherence of certification regime staff with their required competencies

HBZ has been designated as a Level 3 firm by the FCA and as such is not required to have a deferral policy. There is no deferred portion of bonus applicable, and the bonus is paid in cash only). There are currently no Long Term Incentive Plans or other executive incentive schemes in place and Bank has no plans to implement any in the future.

The Bank's Capital Adequacy Ratio will not be affected by the remuneration policy.

The Bank identified 30 employees as MRTs, whose professional activities were considered to have a material impact on the Bank's risk profile. The remuneration of the MRTs for 2018 was £2.5 million.