

**PUBLIC JOINT-STOCK COMPANY
JOINT STOCK BANK “UKRGASBANK”**

Interim Condensed Financial statements

*for the nine months ended 30 September 2021,
(unaudited)*

Translation from Ukrainian

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Management report

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INTERIM CONDENSED STATEMENT OF FINANCIAL POSITION**As at 30 September 2021***(UAH thousands)*

| | Notes | 30 September 2021 | 31 December 2020 |
|--|------------|----------------------|---------------------|
| Assets | | | |
| Cash and cash equivalents | 7 | 26,878,467 | 35,287,994 |
| Precious metals | | 2,186 | 2,401 |
| Due from credit institutions | 8 | 1,131,429 | 661,491 |
| Derivative financial assets | 9 | 5,946 | 5,186 |
| Loans to customers and finance leases | 10 | 49,824,392 | 47,517,583 |
| Investments at fair value through other comprehensive income | 11 | 32,079,854 | 56,034,056 |
| Investment property | 12 | 149,255 | 149,255 |
| Property and equipment and intangible assets | 13 | 1,199,750 | 1,348,538 |
| Right-of-use assets | 14 | 239,937 | 157,200 |
| Other property | 15 | 457,024 | 770,248 |
| Current income tax assets | | - | 39,429 |
| Deferred income tax assets | 16 | 19,416 | - |
| Other assets | 18 | 780,420 | 729,351 |
| Total assets | | 112,768,076 | 142,702,732 |
| Liabilities | | | |
| Due to the National Bank of Ukraine | 19 | 999,979 | - |
| Due to credit institutions | 20 | 8,279,808 | 5,669,678 |
| Derivative financial liabilities | 9 | 65,463 | 227,651 |
| Due to customers | 21 | 91,124,744 | 126,498,709 |
| Provisions for guarantees, commitments and legal risks | 17, 23, 27 | 702,933 | 406,111 |
| Lease liabilities | 14 | 213,828 | 126,148 |
| Current income tax liabilities | | 281,131 | - |
| Deferred income tax liabilities | 16 | - | 60,806 |
| Other liabilities | 18 | 1,231,159 | 1,164,798 |
| Total liabilities | | 102,899,045 | 134,153,901 |
| Equity | | | |
| Share capital | 22 | 13,837,000 | 13,837,000 |
| Acquired title of ownership to shares | | (518,439) | (518,439) |
| Result from transactions with shareholders | | (1,102,304) | (1,102,304) |
| Additional paid-in capital | | 135,942 | 135,942 |
| Other provisions | 22 | 259,164 | 687,554 |
| Accumulated deficit | | (2,742,332) | (4,490,922) |
| Total equity | | 9,869,031 | 8,548,831 |
| Total equity and liabilities | | 112,768,076 | 142,702,732 |

Authorized and signed on behalf of the Bank's management by:

Chairman of the Management Board

Chief Accountant

28 October 2021

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Andrii Kravets

Nataliia Ilnytska

**INTERIM CONDENSED STATEMENT OF PROFIT OR LOSS
AND OTHER COMPREHENSIVE INCOME**

for the nine months ended 30 September 2021

(UAH thousands)

| | Reporting period | | Previous period | | |
|---|-------------------------|---|--|---|--------------------|
| | for the current quarter | for the current quarter cumulative since the year | for the corresponding quarter of the previous year | for the corresponding quarter cumulative since the year | |
| | Notes | | | | |
| Interest income calculated using effective interest rate | | | | | |
| Loans to customers | | 1,162,514 | 3,326,636 | 1,182,875 | 3,395,423 |
| Investments at fair value through other comprehensive income | | 820,597 | 2,735,819 | 982,417 | 2,541,804 |
| Deposit certificates of the National Bank of Ukraine | | 46,917 | 270,135 | 192,868 | 909,991 |
| Due from credit institutions | | 15,440 | 28,412 | 10,858 | 104,176 |
| | | <u>2,045,468</u> | <u>6,361,002</u> | <u>2,369,018</u> | <u>6,951,394</u> |
| Other interest income | | | | | |
| Loans to customers at fair value through other incomes/losses | | 3,273 | 10,096 | - | - |
| Financial leases | | 71,072 | 202,858 | 26,221 | 87,884 |
| | | <u>74,345</u> | <u>212,954</u> | <u>26,221</u> | <u>87,884</u> |
| | | <u>2,119,813</u> | <u>6,573,956</u> | <u>2,395,239</u> | <u>7,039,278</u> |
| Interest expense | | | | | |
| Due to the National Bank of Ukraine | | (20,308) | (50,992) | - | - |
| Due to customers | | (666,270) | (2,518,363) | (1,653,086) | (4,792,557) |
| Due to credit institutions | | (31,760) | (104,702) | (27,757) | (78,279) |
| | | <u>(718,338)</u> | <u>(2,674,057)</u> | <u>(1,680,843)</u> | <u>(4,870,836)</u> |
| Other interest expense | | | | | |
| Lease liability | | (5,400) | (14,317) | (6,098) | (17,790) |
| | | <u>(5,400)</u> | <u>(14,317)</u> | <u>(6,098)</u> | <u>(17,790)</u> |
| | | <u>(723,738)</u> | <u>(2,688,374)</u> | <u>(1,686,941)</u> | <u>(4,888,626)</u> |
| Net interest income, before credit loss expense | | <u>1,396,075</u> | <u>3,885,582</u> | <u>708,298</u> | <u>2,150,652</u> |
| Credit loss expense | 7, 8, 10, 11 27 | 329,681 | (754,405) | (549,257) | (866,427) |
| Net interest income, after credit loss expense | | <u>1,725,756</u> | <u>3,131,177</u> | <u>159,041</u> | <u>1,284,225</u> |
| Losses on initial recognition of financial assets | | - | (1,532) | (172) | (172) |
| Change in fair value of loans to customers at fair value through profit or loss | | 216 | (3,472) | - | - |
| Net fee and commission income | 24 | 413,394 | 1,108,389 | 312,886 | 868,697 |
| Net gains on derecognition of financial assets at amortized cost | | 1,365 | 15,471 | 238,753 | 239,644 |
| Net gains on investments at fair value through other comprehensive income | | 77,496 | 227,723 | 47,260 | 121,152 |
| Net losses on derecognition of financial liabilities | | 329 | 494 | 123 | (345) |
| Net gains on foreign exchange operations and precious metals | 25 | 37,187 | 90,552 | 61,268 | 181,994 |
| Result on operations with derivative financial instruments | | 67,733 | 180,540 | 27,666 | 125,966 |
| Net gains on investment property | | 3,199 | 9,994 | 2,270 | 8,255 |
| Other income | 26 | 23,258 | 226,225 | 71,388 | 187,023 |
| Non-interest income | | <u>624,177</u> | <u>1,854,384</u> | <u>761,442</u> | <u>1,732,214</u> |

The accompanying notes on pages 6 to 67 are an integral part of these financial statements.

**INTERIM CONDENSED STATEMENT OF PROFIT OR LOSS
AND OTHER COMPREHENSIVE INCOME**

for the nine months ended 30 September 2021

(UAH thousands)

| | Notes | Reporting period | | Previous period | |
|---|-------|-------------------------|---|--|---|
| | | for the current quarter | for the current quarter cumulative since the year | for the corresponding quarter of the previous year | for the corresponding quarter cumulative since the year |
| Staff costs | 28 | (473,313) | (1,453,668) | (473,841) | (1,357,923) |
| Other operating expense | 28 | (275,803) | (802,233) | (271,345) | (722,980) |
| Depreciation and amortization | 13 | (52,388) | (176,258) | (93,113) | (234,127) |
| Depreciation of right-of-use assets | | (22,520) | (60,598) | (17,048) | (48,246) |
| Changes in expected credit losses on other assets and other provisions | 27 | (220,470) | (270,567) | 202,773 | 167,882 |
| Non-interest expense | | (1,044,494) | (2,763,324) | (652,574) | (2,195,394) |
| Profit before income tax | | 1,305,439 | 2,222,237 | 267,909 | 821,045 |
| Income tax expense | 16 | (284,081) | (474,450) | (19,903) | (135,857) |
| Net profit | | 1,021,358 | 1,747,787 | 248,006 | 685,188 |
| Other comprehensive income | | | | | |
| <i>Other comprehensive income that may be reclassified subsequently to profit or loss</i> | | | | | |
| Net change in fair value of debt instruments at fair value through other comprehensive income | | 12,932 | (497,380) | (251,574) | 192,940 |
| Reclassification of cumulative (gain)/loss on disposal of debt instruments at fair value through other comprehensive income to profit or loss | 22 | (77,496) | (227,723) | (47,260) | (121,152) |
| Changes in allowance for expected credit losses of debt instruments at fair value through other comprehensive income | 22 | (32,549) | 203,656 | 28,595 | 196,914 |
| Income taxes related to revaluation of investments at fair value through other comprehensive income | 22 | 17,480 | 93,860 | - | 135,467 |
| | | (79,633) | (427,587) | (270,239) | 404,169 |
| Other comprehensive income/(loss), after income tax | | (79,633) | (427,587) | (270,239) | 404,169 |
| Total comprehensive income | | 941,725 | 1,320,200 | (22,233) | 1,089,357 |
| Weighted average number of shares (in thousands) | | 13,837,000 | 13,837,000 | 13,837,000 | 13,837,000 |
| Basic and diluted net earnings per share (in UAH) | | 0.07 | 0.13 | 0.02 | 0.05 |

Authorized and signed on behalf of the Bank's management by:

Chairman of the Management Board

Chief Accountant

28 October 2021

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The accompanying notes on pages 6 to 67 are an integral part of these financial statements.

INTERIM CONDENSED STATEMENT OF CHANGES IN EQUITY**For the nine months ended 30 September 2021***(UAH thousands)*

| | Notes | Share capital | Acquired title of ownership to shares | Result from transactions with shareholders | Additional paid-in capital | Other provisions | Accumulated deficit | Total capital |
|---|-------|-------------------|---------------------------------------|--|----------------------------|------------------|---------------------|------------------|
| As at 1 January 2020 | | 13,837,000 | (518,439) | (1,102,304) | 135,942 | 830,986 | (4,928,701) | 8,254,484 |
| Total comprehensive income for the year | 22 | - | - | - | - | (116,692) | 411,039 | 294,347 |
| Transfer as a result of disposal of real estate | | - | - | - | - | (26,662) | 26,662 | - |
| Transfer as a result of disposal of assets | | - | - | - | - | (78) | 78 | - |
| As at 31 December 2020 | | 13,837,000 | (518,439) | (1,102,304) | 135,942 | 687,554 | (4,490,922) | 8,548,831 |
| Total comprehensive income for the year | 22 | - | - | - | - | (427,587) | 1,747,787 | 1,320,200 |
| Transfer as a result of disposal of real estate | | - | - | - | - | (803) | 803 | - |
| As at 30 September 2021 | | 13,837,000 | (518,439) | (1,102,304) | 135,942 | 259,164 | (2,742,332) | 9,869,031 |

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Chairman of the Management Board

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28 October 2021

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INTERIM CONDENSED STATEMENT OF CASH FLOWS (THE DIRECT METHOD)**For the nine months ended 30 September 2021***(UAH thousands)*

| | Notes | 30 September 2021 | 30 September 2020 |
|--|-------|----------------------|----------------------|
| Cash flows from operating activities | | | |
| Interest received | | 7,528,586 | 7,123,647 |
| Interest paid | | (2,850,293) | (4,810,971) |
| Fees and commissions received | | 1,639,741 | 1,126,777 |
| Fees and commissions paid | | (513,028) | (267,422) |
| Net result on foreign exchange operations and operations with precious metals (realized) | 25 | 21,494 | (9,473) |
| Result on operations with derivative financial instruments | | 8,309 | 220,694 |
| Other income received | | 61,193 | 176,972 |
| Staff costs | | (1,379,616) | (1,265,560) |
| Other operating expense | | (680,688) | (747,747) |
| Cash flows from operating activities before changes in operating assets and liabilities | | 3,835,698 | 1,546,917 |
| <i>Net decrease/(increase) in operating assets</i> | | | |
| Precious metals | | (2,026) | 4,585 |
| Due from credit institutions | | (520,753) | 49,045 |
| Loans to customers and finance leases | | (3,120,771) | (7,696,033) |
| Other assets | | (94,746) | (324,657) |
| <i>Net (decrease)/increase in operating liabilities</i> | | | |
| Due to credit institutions | | 3,325,290 | (831,169) |
| Due to customers | | (33,093,026) | 31,548,251 |
| Other liabilities | | (47,616) | 149,208 |
| Net cash generated from operating activities before income taxes | | (29,717,950) | 24,446,147 |
| Income taxes paid | | (140,252) | (152,055) |
| Net cash generated from operating activities | | (29,858,202) | 24,294,092 |
| Cash flows from investing activities | | | |
| Acquisition of securities | | (255,327,378) | (419,094,280) |
| Proceeds on sale and repayment of securities | | 276,943,771 | 381,170,617 |
| Acquisition of property and equipment and intangible assets | | (56,009) | (148,396) |
| Proceeds on disposal of property and equipment | | 31,770 | 21,549 |
| Proceeds on investment property | | 9,994 | 8,255 |
| Proceeds on disposal of other property | 15 | 455,062 | 1,924 |
| Net cash used in investing activities | | 22,057,210 | (38,040,331) |
| Cash flows from financing activities | | | |
| Proceeds of borrowed funds from credit institutions | | 1,150,491 | 895,735 |
| Repayment of borrowed funds from credit institutions | | (1,413,189) | (1,253,230) |
| Proceeds of borrowed funds from the National Bank of Ukraine | | 1,000,000 | - |
| Repayment of lease liability principal amount | | (55,665) | (45,597) |
| Net cash used in financial activities | 34 | 681,637 | (403,092) |
| Effect of exchange rate changes on cash and cash equivalents | | (1,287,576) | 5,862,298 |
| Effect of expected credit losses on cash and cash equivalents | | (2,596) | (590) |
| Net increase in cash and cash equivalents | | (8,409,527) | (8,287,623) |
| Cash and cash equivalents at the beginning of the period | | 35,287,994 | 46,412,441 |
| Cash and cash equivalents at the end of the period | 7 | 26,878,467 | 38,124,818 |

Authorized and signed on behalf of the Bank's management by:

Chairman of the Management Board

Chief Accountant

28 October 2021

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(in thousands of Hryvnias, unless otherwise indicated)

1. General information

Organizational structure and operations

PUBLIC JOINT-STOCK COMPANY JOINT STOCK BANK "UKRGASBANK" (the "Bank") was established on 21 July 1993 based on the merger of several commercial banks. Since June 2009, the Government of Ukraine controls over the Bank by holding a majority stake of its share capital.

The Bank is engaged in accepting deposits from individuals and legal entities and extending loans, transferring payments in Ukraine and abroad, exchanging currencies and providing other banking services to its corporate and retail customers. The Bank's Head Office is located in Kyiv. As at 30 September 2021, the Bank's network consisted of 269 registered outlets (including 269 operating outlets) (2020: 278 registered outlets, including 278 operating outlets) in different regions of Ukraine. The Bank's registered address is: 1 Yerevanska St., Kyiv, Ukraine. The Bank's Head Office is located at: 16-22 Bohdana Khmelnytskoho St., Kyiv, Ukraine.

When implementing the Green Banking Strategy, the priority activity of the Bank is to finance projects related to efficient use of energy resources and reduction of negative environmental impact.

At present, the Bank is the only bank in Eastern Europe with its own technical office involved in professional analysis of alternative energy and energy efficiency projects.

The Bank finances eco-projects on renewable energy, energy efficiency and ecology.

The Bank has implemented an environmental management system based on sustainable development principles and standards of the International Financial Corporation (PS IFC).

As at 30 September 2021 and 31 December 2020, the Bank's issued shares were held by the following shareholders:

| Shareholder | 30 September 2021, % | 31 December 2020, % |
|--------------------------------|---------------------------------|--------------------------------|
| Ministry of Finance of Ukraine | 94.94 | 94.94 |
| Other | 5.06 | 5.06 |
| Total | 100.00 | 100.00 |

As at 30 September 2021 and 31 December 2020, the Bank's ultimate controlling party was the Ukrainian government represented by the Ministry of Finance of Ukraine.

These annual financial statements have been authorized for issue and signed by the Bank's management on 28 October 2021.

2. Operating environment and going concern

The Bank operates in Ukraine. The Ukrainian economy while deemed to be of market status continues to display characteristics consistent with that of an economy in transition. These characteristics include, but are not limited to, certain structural imbalances, low capital market liquidity, relatively high inflation and a significant level of domestic and foreign state debt.

On 6 August 2021, Fitch Ratings, a credit rating agency, changed the long-term issuer default rating of Ukraine (IDR) in foreign and national currencies to the level "B" from a stable outlook to a positive outlook. On 10 September 2021, Standard & Poor's Global Ratings, a credit rating agency, confirmed the long-term and short-term sovereign credit rating of Ukraine in foreign and national currencies at the level of "B/B" with a stable outlook.

On 10 September 2021, the National Bank of Ukraine decided to increase the discount rate to 8.5% per annum. The main assumption that the Board of the National Bank of Ukraine takes into account is the continuation of cooperation with the International Monetary Fund.

The key risk to macro-financial stability remains the strengthening of quarantine restrictions in Ukraine and worldwide related to the response to the coronavirus pandemic (COVID-19). Other risks remain, such as the escalation of the military conflict, volatility in global capital markets, a sharp deterioration in trade conditions, and so on. Deteriorating sentiment in global financial markets due to the coronavirus pandemic and investors' reassessment of developing countries' risks could have a negative impact on Ukraine's economy and foreign trade, complicate funding, negatively affect the country's banking system and lead to further devaluation of the national currency against major currencies.

(in thousands of Hryvnias, unless otherwise indicated)

Management monitors the current situation with the spread of coronavirus and quarantine and takes measures, if necessary, to minimize any negative consequences as much as possible. Further adverse developments and macroeconomic conditions may adversely affect the financial position and performance of the Bank in a manner that cannot be determined at this time.

In preparing these financial statements, the known and estimated results of the above factors for the financial position and results of the Bank's operations in the reporting period have been taken into account.

3. Basis of preparation

Statement of compliance

These financial statements have been prepared in accordance with International Financial Reporting Standards ("IFRS") issued by the International Accounting Standards Board ("IASB") and Interpretations issued by the International Financial Reporting Interpretations Committee ("IFRIC"), and the requirements of Law of Ukraine *On Accounting and Financial Reporting in Ukraine* No. 996-XIV dated 16 July 1999, concerning the preparation of financial statements.

Basis of measurement

These financial statements have been prepared on the historical cost basis, except for buildings that are carried at revalued amount, investment property carried at fair value, assets held for sale, which are carried at the lower of carrying amount or fair value less cost to sell, and financial instruments measured at fair value, as explained in the accounting policies below.

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an ordinary transaction between market participants at the measurement date, regardless of whether that price is directly observable in the market or is estimated using another valuation technique. In estimating the fair value of an asset or a liability, the Bank takes into account the characteristics of the asset or liability as if the market participants took those characteristics into account when pricing the asset or liability at the measurement date. Fair value for measurement and/or disclosure purposes in these financial statements is determined on this basis, except for leases that are within the scope of IFRS 16 *Leases* and measurements that have some similarities to fair value, but are not fair value, such as net realizable value in IAS 2 *Inventories* or value in use in IAS 36 *Impairment of Assets*.

Effect of COVID-19 pandemic

Due to the rapid spread of COVID-19 pandemic in 2020 and 2021 many governments, including the Ukrainian Government, introduced a series of measures to combat the outbreak of a pandemic, introduced quarantine territorial area, including restrictions on travel banned or imposed restrictions in the companies and organizations have introduced the possibility of vaccination. These measures have affected the demand for goods and services, as well as scale of business activity. It is expected that the pandemic itself as well as the related public health and social measures may influence the business of entities in a wide range of industries across Ukraine. The Government of Ukraine and the National Bank of Ukraine have taken a number of measures to mitigate a significant economic downfall caused by the COVID-19 pandemic. These measures include credit holidays for individuals and businesses, a ban on raising interest rates on consumer loans and a ban on penalties, fines, etc. for overdue loans, borrowers' loans restructuring, easing and delaying the introduction of certain regulatory restrictions to help the financial sector maintain its capabilities to provide financial resources to customers to avoid liquidity shortages of businesses as a result of the COVID-19 containment measures.

The Bank continues to assess the effect of the pandemic and changing economic conditions on its activities, financial position and financial results. Information on the effect of changes in the Bank's approaches to determining expected credit losses is provided in Note 10 and Note 29.

Going concern

These financial statements have been prepared using the assumption that the Bank is able to continue its operations on an ongoing basis in the near future. The Management and shareholders have the intention to continue economic activities of the Bank in Ukraine. The Management believes that the use of assumption about the Bank's ability to continue its operations on an ongoing basis is reasonable, given the proper level of its capital adequacy, the obligations of shareholders to fulfil their liabilities, including those related to participation in the Bank's equity, as well as on the basis of historical experience, which indicates that short-term liabilities will be refinanced in the course of ordinary business.

*(in thousands of Hryvnias, unless otherwise indicated)***Functional and presentation currency**

These financial statements are presented in thousands of Hryvnias, unless otherwise indicated. The Bank's functional and presentation currency is Hryvnia ("UAH").

4. Summary of accounting policies**Changes in accounting policies**

The Bank has early adopted Amendment to IFRS 16: *COVID-19-Related Rent Concessions*, which provides lessees with a relief from assessing whether a COVID-19-related rent concession is a lease modification. The Bank has not early adopted any standards, interpretations or amendments that have been issued but are not yet effective.

The Bank also applied the amendments that became effective starting 1 January 2020 but had no impact on the Bank's financial statements. The nature and impact of each amendment is described below:

Amendments to IAS 1 and IAS 8 Definition of Material

The amendments provide a new definition of material that states "information is material if omitting, misstating or obscuring it could reasonably be expected to influence decisions that the primary users of general purpose financial statements make on the basis of those financial statements, which provide financial information about a specific reporting entity".

The amendments clarify that materiality will depend on the nature or magnitude of information, either individually or in combination with other information, in the context of the financial statements. A misstatement of information is material if it could reasonably be expected to influence the decisions made by the primary users. These amendments did not affect, and are not expected to affect in future, the Bank's financial statements.

Conceptual Framework for Financial Reporting issued on 29 March 2018

The *Conceptual Framework* is not a standard, and none of the concepts contained therein should override the concepts or requirements in any standard. The purpose of the *Conceptual Framework* is to assist the IASB in developing standards, to help preparers develop consistent accounting policies where there is no applicable standard in place and to assist all parties to understand and interpret the standards.

The revised *Conceptual Framework* includes some new concepts, provides updated definitions and recognition criteria for assets and liabilities and clarifies some important concepts. The revision of this document did not affect the Bank's financial statements.

Foreign currency translation

Transactions in foreign currencies are initially recognized in the Bank's functional currency at the exchange rates prevailing at the transaction dates. Monetary assets and liabilities denominated in foreign currencies are translated to the functional currency at the exchange rates effective at the reporting date. The foreign currency gains or losses are recognized in the statement of profit or loss and other comprehensive income as a net result of foreign exchange operations. Non-monetary assets and liabilities in foreign currencies at fair value are translated into UAH at the exchange rates effective at the fair value measurement date. Non-monetary items at historical cost in a foreign currency are translated using the exchange rates prevailing at the transaction dates.

The differences between a contractual exchange rate on a specific transaction in a foreign currency and the official exchange rate established by the National Bank of Ukraine at the date of such a transaction are also included in the result of trading activities in foreign currencies.

The official exchange rates of the National Bank of Ukraine used in the preparation of these financial statements are as follows:

| Currency | 30 September 2021 | 31 December 2020 |
|-----------------|------------------------------|-----------------------------|
| USD | 26.5760 | 28.2746 |
| EUR | 30.9810 | 34.7396 |

(in thousands of Hryvnias, unless otherwise indicated)

Financial assets and liabilities

Initial recognition

Date of recognition

All regular way purchases and sales of financial assets and liabilities are recognized on the date of transaction, i.e. the date that the Bank commits to purchase the asset or liability. Regular way purchases or sales are purchases or sales of financial assets and liabilities that require the delivery of assets and liabilities within the period generally established by regulation or convention in the marketplace.

Initial measurement

The classification of financial instruments at initial recognition depends on their contractual terms and the business model for managing the instruments. Financial instruments are initially measured at their fair value and, including transaction costs, except when financial assets and financial liabilities are measured at fair value through profit or loss.

Measurement categories of financial assets and liabilities

The Bank classifies all of its financial assets based on the business model for managing the assets and the asset's contractual terms, measured at either:

- ▶ Amortized cost;
- ▶ Fair value through other comprehensive income (FVOCI);
- ▶ Fair value through profit or loss (FVPL).

The Bank classifies and measures its derivative and trading portfolio at FVPL. The Bank may designate financial instruments at FVPL, if so doing eliminates or significantly reduces measurement or recognition inconsistencies.

Due from credit institutions, loans to customers and finance leases, and other financial investments

The Bank measures amounts due from credit institutions, loans to customers and other financial investments at amortized cost only if both of the following conditions are met:

- ▶ The financial asset is held within a business model with the objective to hold financial assets in order to collect contractual cash flows;
- ▶ The contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding (SPPI).

The details of these conditions are outlined below.

Business model assessment

The Bank determines its business model at the level that best reflects how it manages groups of financial assets to achieve its business objective.

The Bank's business model is not assessed on an instrument-by-instrument basis, but at a higher level of aggregated portfolios and is based on observable factors such as:

- ▶ How the performance of the business model and the financial assets held within that business model are evaluated and reported to the Bank's key management personnel;
- ▶ The risks that affect the performance of the business model (and the financial assets held within that business model) and, in particular, the way those risks are managed;
- ▶ How managers of the business are remunerated (for example, whether the compensation is based on the fair value of the assets managed or on the contractual cash flows collected);
- ▶ The expected frequency, value and timing of sales are also important aspects of the Bank's business model assessment.

The business model assessment is based on reasonably expected scenarios without taking 'worst case' or 'stress case' scenarios into account. If cash flows after initial recognition are realized in a way different from the Bank's original expectations, the Bank does not change the classification of the remaining financial assets held in that business model, but incorporates such information when assessing newly originated or newly purchased financial assets going forward.

(in thousands of Hryvnias, unless otherwise indicated)

Solely payments of principal and interest test (SPPI test)

As a second step of its classification process, the Bank assesses the contractual terms of financial asset to identify whether there are cash flows relating thereto exclusively in payments against principal and interest on the principal amount outstanding (the so-called SPPI test).

"Principal" for the purpose of this test is defined as the fair value of the financial asset at initial recognition and may change over the life of the financial asset (for example, if there are repayments of principal or amortization of the premium/discount).

The most significant elements of interest within a lending arrangement are typically the consideration for the time value of money and credit risk. To make the SPPI assessment, the Bank applies judgment and considers relevant factors such as the currency in which the financial asset is denominated, and the period for which the interest rate is set.

In contrast, contractual terms that introduce a more than de minimis exposure to risks or volatility in the contractual cash flows that are related to a basic lending arrangement do not give rise to contractual cash flows that are solely payments of principal and interest on the amount outstanding. In such cases, the financial asset is required to be measured at FVPL.

Debt instruments at FVOCI

Under IFRS 9 the Bank measures the debt instruments at FVOCI when both of the following conditions are met:

- ▶ The instrument is held within a business model, the objective of which is achieved by both collecting contractual cash flows and selling financial assets;
- ▶ The contractual terms of the financial asset meet the SPPI test.

FVOCI debt instruments are subsequently measured at fair value with gains or losses arising due to changes in fair value recognized in other comprehensive income (OCI). Interest revenue and foreign exchange gains and losses are recognized in profit or loss in the same manner as for financial assets measured at amortized cost. On derecognition, cumulative gains or losses previously recognized in OCI are reclassified from OCI to profit or loss.

The ECLs for debt instruments measured at FVOCI do not reduce the carrying amount of these financial assets in the statement of financial position. Instead, an amount equal to the allowance for expected losses that would arise if the assets were measured at amortized cost is recognized in OCI as an accumulated impairment amount, with a corresponding charge to profit or loss. The accumulated loss recognized in OCI is reclassified to the profit or loss upon derecognition of the asset.

Financial guarantees, letters of credit and undrawn loan commitments

The Bank issues financial guarantees, letters of credit and undrawn loan commitments.

Financial guarantees are initially recognized in the financial statements at fair value, being the premium received. Subsequent to initial recognition, the Bank's liability under each guarantee is measured at the higher of the amount initially recognized less cumulative amortization recognized in the statement of profit or loss and ECL allowance.

Undrawn loan commitments and letters of credit are commitments, under which, over the duration of the commitment, the Bank is required to provide a loan with pre-specified terms to the customer. These contracts are in the scope of the ECL requirements.

The Bank occasionally issues loan commitments at below market interest rates drawdown. Such commitments are initially recognized at fair value and subsequently measured at the higher of the ECL allowance amount and the initially recognized amount less, where appropriate, the cumulative amount of income recognized.

Performance guarantees

Performance guarantees are contracts that provide compensation if the other party fails to perform a contractual obligation. Performance guarantees do not transfer credit risk. The risk under performance guarantee contracts is the possibility that the failure to perform the contractual obligation by the other party occurs. Therefore, performance guarantees are not considered financial instruments and thus do not fall in scope of IFRS 9.

Government grants

Government grants in the form of non-financial assets from the public authorities are recognized at net present value of future cash flows related to interest income compensation. Loss on initial recognition of preferential loans is presented

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on a net basis of revenue recognition of government grants in the profit or loss and other comprehensive income.

Further accounting for receivables for government grants is carried at amortized cost using the effective interest method and is subject to impairment with subsequent recognition of income and expenses in the profit or loss and other comprehensive income if the instrument is derecognized or if it was impaired or amortized.

Cash and cash equivalents

Cash and cash equivalents include cash on hand, unrestricted cash balances with the National Bank of Ukraine, due from credit institutions with maturities up to 90 days from the date of origination that are free from contractual encumbrances, and highly liquid financial assets with original maturities of less than three months, which are subject to insignificant risk of fair value changes and are used by the Bank to manage its short-term commitments, including the overnight deposit certificates issued by the National Bank of Ukraine.

Due from credit institutions

In the normal course of business, the Bank grants loans or maintains deposits for various periods of time with other credit institutions. Due from credit institutions is initially measured at fair value. Due from credit institutions with fixed maturities is measured at amortized cost using the effective interest rate method and is accounted net of expected credit losses.

Precious metals

Precious metals are stated at the lower of net realizable value or cost. The net realizable value of precious metals is based on quoted market prices. Foreign currency revaluation effect is recognized as translation differences on transactions with precious metals within "Net gains on foreign exchange operations and precious metals" of the statement of profit or loss and other comprehensive income.

Repurchase and reverse repurchase agreements

Sale and repurchase agreements of securities ("repo") are treated as secured financing transactions. Securities sold under sale and repurchase agreements are retained in the statement of financial position and, in case the counterparty has the right by contract or common practice to sell or re-pledge them, reclassified as securities pledged under sale and repurchase agreements. The corresponding liability is presented within due to credit institutions or customers. Securities purchased under agreements to resell (reverse repurchase agreements or "reverse repo") are recorded as due from credit institutions or loans to customers, as appropriate. The difference between sale and repurchase price is treated as interest income or expense and accrued over the life of repo agreements using the effective interest rate method.

Securities lent to counterparties are retained in the financial statements. Securities borrowed are not recorded in the financial statements, unless sold to third parties, in which case the purchase and sale is recorded within gains less losses from investments at fair value through profit/loss. The obligation to return them is recorded at fair value as a trading liability.

Derivative financial instruments

In the course of its ordinary activities, the Bank uses various derivative financial instruments, including forward contracts and swaps in foreign exchange markets, which are concluded predominantly with Ukrainian banks. Derivative instruments are initially recognized at fair value at the date of the contract, after which they are revalued at fair value. All derivative instruments are recognized as assets when their fair value is positive and as liabilities if their fair value is negative.

Changes in the fair value of derivative instruments are recognized immediately within "Result on operations with derivative financial instruments" of the statement of profit or loss and other comprehensive income. The Bank evaluates and calculates the fair value of forward contracts and recognizes its material changes in profit or loss.

Though the Bank performs the trade operations with derivative instruments for the purposes of hedging, these instruments do not meet the criteria of hedge accounting.

Embedded derivative financial instruments

The Bank accounts in this way for derivatives embedded in financial liabilities and non-financial host contracts. Financial assets are classified based on the business model and SPPI assessments.

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Borrowed funds

Issued financial instruments or their components are classified as liabilities, where the substance of the contractual arrangement results in the Bank having an obligation either to deliver cash or another financial asset to the holder, or to satisfy the obligation, other than by the exchange of a fixed amount of cash or another financial asset for a fixed number of own equity instruments. Such instruments include amounts due to credit institutions and due to customers. Upon initial recognition, borrowed funds are subsequently measured at amortized cost using the effective interest rate method. Gains and losses are recognized in profit and loss when the borrowed funds are derecognized, as well as through the amortization process.

Leases

The Bank as a lessee

The Bank applies a single approach to the recognition and measurement of all leases other than short-term and low-value asset leases. The Bank recognizes a lease liability in respect of the lease payments and right-of-use assets that are rights to use the underlying assets.

Right-of-use assets

The Bank recognizes the right-of-use assets at the commencement date of a lease (i.e., the date on which the underlying asset becomes available for use). The right-of-use assets are measured at initial cost, less accumulated depreciation and accumulated impairment losses, and adjustments for the revaluation of the lease liability. The initial cost of the right-of-use assets consists of the amount of the initial estimate of the lease liability, the initial direct costs and the lease payments made at the commencement date of a lease or prior to the commencement date of a lease, less the received lease incentives. If the Bank does not have sufficient confidence that it will acquire title to the underlying asset at the end of the lease term, the recognized right-of-use asset is amortized on a straight-line basis prior to the earlier of the useful life of the right-of-use asset or the end of the lease term. The right-of-use assets are tested for impairment.

Lease liability

At the commencement date of a lease the Bank recognizes the lease liability at the present value of the lease payments that will be made during the lease term. Lease payments include fixed payments (including in-substance fixed payments) less any lease incentives to be received; variable lease payments that depend on the index or rate; and the amounts to be payable under residual value guarantees. Lease payments also include the exercise price of the option to purchase, if there is reasonable assurance that the Bank will take advantage of that opportunity, and the payment of penalties for terminating the lease, if the lease term reflects the potential option of termination of the lease. Variable payments, which do not depend on the index or rate, are recognized as expenses in the period, in which the event or condition occurs that gives rise to such payments.

To calculate the present value of the lease payments, the Bank applies the lessee's incremental borrowing rate at the commencement date of a lease, if the interest rate implicit in the lease cannot be easily determined. After the lease takes effect, the lease liability increases to reflect the interest accrual and decreases to reflect the lease payments made. Also, in the event of modification, change of the lease term, change in the essence of fixed lease payments or change of option of purchase of the underlying asset, the carrying value of the lease liabilities is revalued.

Short-term and low-value asset leases

The Bank applies the short-term lease recognition exemption to its short-term leases (i.e., those leases that have a lease term of 12 months or less from the commencement date and do not contain a purchase option). It also applies the lease of low-value assets recognition exemption to leases of office equipment that are considered of low value (i.e. up to UAH 150 thousand). Lease payments on short-term leases and leases of low-value assets are recognised as expense on a straight-line basis over the lease term.

Operating leases – Bank as a lessor

Leases for which the Bank does not transfer substantially all the risks and rewards of ownership of an asset are classified as operating leases. Lease income is recognized on a straight-line basis over the lease term and is included in net income from investment property in the statement of profit or loss and other comprehensive income. Initial direct costs incurred in the process of negotiating and concluding operating leases are included in the carrying amount of the leased asset and are recognized over the lease term on the same basis as lease income. Contingent lease payments are recognized as income in the period in which they were received.

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Finance leases – Bank as a lessor

The Bank recognises lease receivables at value equal to the net investment in the lease, starting from the date of commencement of the lease term. Finance income is based on a pattern reflecting a constant periodic rate of return on the net investment outstanding. Initial direct costs are included in the initial measurement of the lease receivables.

Expected credit losses

The Bank performs estimation of expected credit losses for financial assets measured at amortized cost or at fair value through other comprehensive income, for financial guarantees, letters of credit and undrawn loan commitments.

According to the general approach, depending on whether the financial instrument's credit risk has increased significantly since initial recognition, the Bank allocates its financial instruments to one of the stages described below:

- ▶ Stage 1: financial instruments for which there are no signs of a significant increase in credit risk. For these financial instruments, the Bank recognizes an allowance based on the 12-month expected credit loss;
- ▶ Stage 2: financial instruments for which there are signs of a significant increase in credit risk since the initial recognition, but no signs of impairment exist. For these financial instruments, the Bank recognizes the credit loss for the lifetime of such financial instruments;
- ▶ Stage 3: financial instruments for which there are signs of a significant increase in credit risk since the initial recognition and the objective evidence of impairment exists. For these financial instruments, the Bank recognizes the expected credit loss for the lifetime of such financial instruments;
- ▶ POCI: purchased or originated credit impaired (POCI) assets – financial assets that are credit impaired on initial recognition. POCI assets are recorded at fair value at initial recognition and interest revenue is subsequently recognized based on a credit-adjusted EIR. ECL allowances are only recognized or derecognized to the extent that there is a subsequent change in the expected credit losses for the lifetime of the financial instrument.

Renegotiated loans and/or modifications

Where possible, the Bank seeks to restructure loans rather than to take possession of collateral. Restructuring, i.e. change in significant terms and conditions under the original agreement by entering into additional arrangements with a debtor due to its financial difficulties (as determined by the Bank) and the need to create favourable conditions for it to meet its obligations under the asset (change in interest rate; cancellation, wholly or in part, of financial sanctions (penalties, fines, forfeits) accrued for untimely payments of the principal and interest amounts and failed to be repaid by the debtor; change in the repayment schedule (terms and amounts of the principal, interest/fees); change in the fee amount etc.).

As a result of significant changes in the terms of the loan agreement, the Bank repurchases the original financial instrument and recognizes the new financial instrument.

The Bank determines the following modifications to contractual cash flows for financial instruments as significant:

- ▶ The conditions (except those related to commercial restructuring) under which the net present value of the cash flows under the new terms discounted using the original effective interest rate (for a financial asset or liability with floating interest rate – the effective interest rate that was calculated at the latest change in the nominal interest rate) differs by at least 10% of the discounted present value of remaining cash flows of the original financial asset or liability;
- ▶ Change of the currency of the financial instrument;
- ▶ Change in the type of interest rate of a financial instrument (fixed to floating or vice versa);
- ▶ Consolidation of several financial instruments or a financial instrument split into several ones.

Similarly, with respect to financial assets, the Bank determines the following modification of contractual cash flows as material:

- ▶ The inclusion in the contract of the additional terms / exclusion of terms / changes in the terms of the contract that affect the result of SPPI test.

In case of significant modification, the Bank derecognizes an initial financial asset and recognizes a new financial asset. At the modification date, the Bank recognizes a new financial asset at its fair value taking into account transaction costs associated with the origination of a new financial asset (with the exception of a new asset measured at fair value through profit or loss) and determines the amount of the 12-month expected credit loss.

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If, as a result of the modification, a new financial asset is impaired at initial recognition, the Bank recognizes the cumulative changes in the expected credit losses for the lifetime of this financial asset.

The Bank continually analyses restructured loans to ensure that all criteria and options for future payments are met.

In cases where the modification of contractual cash flows does not result in derecognition of the original financial asset (i.e. when the modification of contractual cash flows is not substantial), the Bank continues to apply current approach to accounting for the financial asset with the modified contractual terms. Subject to changes in contractual cash flows, discounted at the original effective interest rate, the Bank recognizes income or expenses from the modification that are included in other income / expenses in the statement of profit or loss and other comprehensive income.

Write-off of loans

Loans are written off using the expected credit loss allowance based on the decision of the Management Board.

The Bank recognizes bad debts on active banking transactions, for which there are no reasonable expectations for the recovery of financial assets/repayment of trade receivables and which meet one of the evidence of bad debts in accordance with the Tax Code of Ukraine and writes off such bad debts in financial and/or tax accounting against the respective allowance.

Subsequent recoveries of amounts previously written off are reflected as other income in the statement of profit or loss and other comprehensive income in the period of recovery.

Investments at fair value through other comprehensive income

The ECLs for debt instruments measured at FVOCI do not reduce the carrying amount of these financial assets in the statement of financial position, which remain being measured at fair value. Instead, an amount equal to the allowance for expected credit losses that would arise were the assets measured at amortized cost is recognized in OCI as an accumulated impairment amount, with the corresponding charge to profit or loss. The accumulated credit loss recognized in OCI is reclassified to the profit and loss upon derecognition of the asset.

Non-financial assets

Other non-financial assets, other than deferred tax, are assessed at each reporting date for any indication of impairment. The recoverable amount of non-financial assets is the greater of their fair value, less costs to sell, and value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset. For an asset that does not generate cash inflows largely independent of those from other assets, the recoverable amount is determined for the cash-generating unit to which the asset belongs. An impairment loss is recognized when the carrying amount of an asset or its cash-generating unit exceeds its recoverable amount.

All impairment losses in respect of non-financial assets are recognized in profit or loss and reversed only if there has been a change in the estimates used to determine the recoverable amount. Any impairment loss is only reversed to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined, net of depreciation or amortization, if no impairment loss had been recognized.

Derecognition of financial assets and financial liabilities

Financial assets

A financial asset (or, where applicable, a part of a financial asset or part of a group of similar financial assets) is derecognized where:

- ▶ The rights to receive cash flows from the asset have expired;
- ▶ The Bank has transferred its rights to receive cash flows from the asset, or retained the right to receive cash flows from the asset, but has assumed an obligation to pay them in full without material delay to a third party under a 'pass-through' arrangement;
- ▶ The Bank either (a) has substantially transferred all the risks and rewards of the asset, or (b) has neither transferred nor retained substantially all the risks and rewards of the asset, but has transferred control of the asset.

Where the Bank has transferred its rights to receive cash flows from an asset and has neither transferred nor retained substantially all the risks and rewards of the asset nor transferred control of the asset, the asset is recognized to the

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extent of the Bank's continuing involvement in the asset. Continuing involvement of the Bank is measured at the lower of the original carrying amount of the asset and the maximum amount of consideration that the Bank could be required to repay.

Financial liabilities

A financial liability is derecognized when the obligation under the liability is discharged, cancelled, or expires.

Where an existing financial liability is replaced by another from the same lender on substantially different terms, or the terms of an existing liability are substantially modified, such an exchange or modification is treated as a derecognition of the original liability and the recognition of a new liability, and the difference in the respective carrying amounts is recognized in profit or loss.

Taxation

The current income tax charge is calculated in accordance with the Ukrainian tax regulations.

The current tax expense is based on taxable profit for the year. Taxable profit differs from net profit as reported in the statement of profit or loss and other comprehensive income, because it excludes the items of income or expense that are taxable or deductible in other years, and it further excludes the items that are never taxable or deductible. The Bank's taxable profit is determined by adjusting the financial result, which is presented in the Bank's financial statements in accordance with the International Financial Reporting Standards, for the differences arising under the Tax Code of Ukraine. The Bank's current tax expense is calculated using tax rates that have been enacted during such reporting periods.

Deferred tax assets and liabilities are calculated in respect of all temporary differences using the balance sheet liability method. Deferred income tax is provided for all temporary differences arising between the tax bases of assets and liabilities and their carrying values for financial reporting purposes, except where the deferred income tax arises from the initial recognition of goodwill or of an asset or liability in a transaction that is not a business combination and, at the time of the transaction, affects neither the accounting profit nor taxable profit or loss.

A deferred tax asset is recorded only to the extent that it is probable that a taxable profit will be available against which the deductible temporary differences can be utilized. Deferred tax assets and liabilities are measured at the tax rates set by the tax legislation of Ukraine in the respective reporting periods.

Also, Ukrainian tax regulations include other taxes and duties. These taxes are included in administrative and operating expense.

Investment property

Investment property, which consists of office premises, is the property held to earn rentals from long-term leases or for capital appreciation and is not occupied by the Bank. Investment property is measured initially at cost, including transaction costs. Subsequent to initial recognition, investment property is measured at fair value, which is based on the market evidence as a result of valuations performed by independent appraisers, less any subsequently accumulated impairment losses. Revaluation is performed with sufficient regularity so that the carrying amounts did not differ significantly from those arrived at using fair value as at the reporting date. Gains and losses arising from changes in the fair value of investment property are included in profit or loss in the period in which they arise.

Property and equipment

Property and equipment, other than buildings and land plots, is carried at its historical cost, less any accumulated depreciation and recognized impairment losses, if any.

Upon the initial recognition at cost, buildings and land plots are carried at their revalued amounts, which are the fair value at the date of the revaluation, less any subsequent accumulated depreciation and subsequent accumulated impairment losses. Revaluation is performed frequently enough to ensure that the fair value of a revalued asset does not differ materially from its carrying amount.

Any revaluation surplus is included in other comprehensive income, except to the extent that it reverses a revaluation decrease of the same asset previously recognized in profit or loss. In this case, the increase is recognized in profit or loss. A revaluation deficit is recognized in profit and loss, except that a deficit directly offsetting a previous surplus on the same asset which is directly offset against the surplus in the property and equipment revaluation reserve.

In addition, accumulated depreciation as at the revaluation date is eliminated against the gross carrying amount of the asset, and the net amount is restated to the revalued amount of the asset. Upon disposal, any revaluation reserve relating

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to the particular asset being sold is transferred to retained earnings.

Depreciation of an asset begins on the first day of the month following the month in which the item of property, equipment and intangible assets became available for use and ceases on the first day of the month following the month in which the item of property, equipment and intangible assets is disposed of.

Depreciation of property, equipment and intangible assets is calculated based on the new useful life, starting from the month following the month of change in the useful life.

Depreciation is calculated on a straight-line basis over the following estimated useful lives:

| | <u>Years</u> |
|-------------------------|--------------------------------|
| Buildings | 50 |
| Furniture and equipment | 2-5 |
| Leasehold improvements | Over the relevant lease period |
| Motor vehicles | 2-5 |

Residual value, useful lives, and depreciation methods are reviewed at the end of each reporting year and adjusted as appropriate.

Costs related to repairs and renewals are charged when incurred and included in other operating and administrative expense, unless they qualify for capitalization.

Intangible assets

Intangible assets include the acquired computer software. Intangible assets acquired separately are measured on initial recognition at cost. Upon initial recognition, intangible assets are carried at cost, less any accumulated amortization and any accumulated impairment losses. The useful lives of intangible assets are assessed to be either finite or indefinite. Intangible assets with finite lives are amortized over the useful economic lives of three years and assessed for impairment whenever there is an indication that the intangible asset may be impaired. Amortization periods and methods for intangible assets with finite useful lives are reviewed at least at each reporting year-end.

An item of property and equipment and intangible assets is derecognized upon disposal or when no future economic benefits are expected to arise from the continued use of the asset.

Any gain or loss arising on the disposal of property and equipment is determined as the difference between the sales proceeds and the carrying amount of the asset and is recognized in the statement of profit or loss and other comprehensive income.

Other property

The non-current assets, which have been acquired by foreclosure of collateral and are held for further sale, are recognized by the Bank as other property. These assets do not qualify for recognition as assets held for sale and cannot be recognized as non-current assets to be used in the Bank's ongoing operations or as investment property. These assets are measured at the lower of cost or net realizable value.

Provisions

Provisions are recognized when the Bank has a present obligation (legal or constructive) as a result of a past event, it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation and a reliable estimate can be made of the amount of the obligation.

The amount recognized as a provision is the best estimate of the consideration required to settle the present obligation at the end of the reporting period, taking into account the risks and uncertainties surrounding the obligation. When a provision is measured using the cash flows estimated to settle the present obligation, its carrying amount is the present value of those cash flows (where the effect of the time value of money is material).

When some or all of the economic benefits required to settle an obligation are expected to be recovered from a third party fully or partially, receivables are recognized to the extent it is virtually certain that reimbursement will be received and the amount of the receivables can be measured reliably.

Retirement and other benefit obligations

The Bank has pension arrangements to the state pension system of Ukraine, which requires current contributions by the

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employer calculated as a percentage of gross salary payments. Such expense is charged in the period, in which the related salaries are earned.

Share capital and other reserves

Ordinary and preference shares are carried in equity.

Acquired title of ownership to shares of the Bank's own issue is deducted directly from equity. A gain or loss arising from purchase, sale, issue or cancellation of the Bank's treasury shares is not included in profit or loss.

The surplus of consideration received over the nominal value of shares issued is reflected as additional paid-in capital.

Other reserves included in equity (other comprehensive income) in the Bank's statement of financial position comprise a revaluation reserve of investments measured at fair value through other comprehensive income and a revaluation reserve of buildings that includes a revaluation reserve of land plots and buildings.

Profit or loss arising from transactions with the Bank's shareholders is recognized in equity as "Result from transactions with shareholders".

Segment reporting

The Bank's segment reporting is based on the following operating segments: individuals (retail banking), legal entities (corporate banking), clients of small and medium-sized enterprises (SME), financial institutions, asset management, and other.

Contingencies

Contingent liabilities are not recognized in the statement of financial position. The information about such liabilities is disclosed unless the possibility of any outflow in settlement is remote. A contingent asset is not recognized in the statement of financial position. The information about such assets is disclosed when an inflow of economic benefits is probable.

Revenue and expense recognition

Revenue is recognized to the extent that it is probable that the economic benefits will flow to the Bank, and the revenue can be reliably measured.

Interest income and expense are recognized on an accrual basis using the effective interest rate method. The effective interest rate method is a method of calculating the amortized cost of a financial asset or a financial liability (or group of financial assets or financial liabilities) and of allocating the interest income or interest expense over the relevant period.

The effective interest rate is the rate that exactly discounts estimated future cash payments or receipts through the expected life of the financial instrument, or (where appropriate) a shorter period, to the net carrying amount of the financial asset or financial liability.

In calculating the effective interest rate, the Bank considers all paid and/or received fees, duties, and transaction costs that form an integral part of income/expense on the financial instrument, in particular:

- a) Financial instrument origination fees received/paid by the Bank and related to origination or acquisition of such a financial instrument;
- b) Fees received/paid by the Bank on lending arrangements in the course of loan origination or acquisition as consideration for participation in the financial instrument's acquisition if it is probable that a loan commitment will lead to a specific lending arrangement;
- c) Fees received/paid by the Bank when issuing debt securities that are accounted for at amortized cost.

Revenue on debt financial instruments is carried using the effective interest rate method, except for financial assets measured at fair value through profit or loss.

Once a financial asset or a group of similar financial assets has been written down (partly written down) as a result of an impairment loss, interest income is thereafter recognized using the rate of interest used to discount the future cash flows for the purpose of measuring the impairment loss.

Interest received from the assets measured at fair value is classified as interest income.

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Fee and commission income and expense (hereinafter, "fees") is income and expense related to the services rendered/received, which amount is calculated pro rata to the amount of an asset or liability or is fixed.

Where it is probable that a loan commitment will lead to a specific lending arrangement or loan tranche, the loan commitment fees are deferred, together with the related direct costs, and recognized as an adjustment to the effective interest rate of the resulting loan. Where it is unlikely that a loan commitment will lead to a specific lending arrangement or loan tranche, the loan commitment fees are recognized in the statement of profit or loss and other comprehensive income over the remaining period of the loan commitment. Where a loan commitment expires without resulting in a specific lending arrangement or loan tranche, the loan commitment fee is recognized in the statement of profit or loss and other comprehensive income on expiry. Loan servicing fees are recognized as revenue as the services are provided. All other commissions are recognized after the applicable services have been provided.

Other revenue is recognized in profit or loss as soon as the applicable transaction has been completed.

Application of new and revised International Financial Reporting Standards ("IFRS")

Adoption of new and revised IFRS

The following new standards and interpretations were issued, but not yet effective on the date of issuance of the Bank's financial statements. The Bank intends to adopt these standards when they become effective.

IFRS 17 Insurance Contracts

In May 2017, the IASB issued IFRS 17 *Insurance Contracts* (IFRS 17), a comprehensive new accounting standard for insurance contracts covering recognition and measurement, presentation and disclosure. Once effective, IFRS 17 will replace IFRS 4 *Insurance Contracts* (IFRS 4) that was issued in 2005. IFRS 17 applies to all types of insurance contracts (i.e., life, non-life, direct insurance and re-insurance), regardless of the type of entities that issue them, as well as to certain guarantees and financial instruments with discretionary participation features.

A few scope exceptions will apply. IFRS 17 introduces new accounting requirements for banking products with insurance features that may affect the determination of which instruments or which components thereof will be in the scope of IFRS 9 or IFRS 17.

Credit cards and similar products that provide insurance coverage: most issuers of these products will be able to continue with their existing accounting treatment as a financial instrument under IFRS 9. IFRS 17 excludes from its scope credit card contracts (and other similar contracts that provide credit or payment arrangements) that meet the definition of an insurance contract if, and only if, the entity does not record an assessment of the insurance risk associated with an individual customer in setting the price of the contract with that customer.

When the insurance coverage is provided as part of contractual terms of the credit card, the issuer is required to:

- ▶ Separate the insurance coverage component and apply IFRS 17 to it;
- ▶ Apply other applicable standards (such as IFRS 9 *Financial Instruments*, IFRS 15 *Revenue from Contracts with Customers* or IAS 37 *Provisions, Contingent Liabilities and Contingent Assets*) to the other components.

Loan contracts that meet the definition of insurance but limit the compensation for insured events to the amount otherwise required to settle the policyholder's obligation created by the contract: issuers of such loans – e.g. a loan with waiver on death – have an option to apply IFRS 9 or IFRS 17. The election would be made at a portfolio level and would be irrevocable.

IFRS 17 will be effective for annual periods beginning on or after 1 January 2023, with comparative information required. Early application is permitted, provided the entity also applies IFRS 9 and IFRS 15 at the date of initial application. The Bank continues to assess the effect that the application of IFRS 17 may have on its financial statements.

IFRS 9 Financial Instruments – Fees in the '10 per cent' test for derecognition of financial liabilities

As part of its 2018-2020 Annual Improvements to IFRS standards process, the IASB issued an amendment to IFRS 9.

The amendment clarifies the fees that an entity includes when assessing whether the terms of a new or modified financial liability are substantially different from the terms of the original financial liability. These fees include only those paid or received between the borrower and the lender, including the fees paid or received by either the borrower or lender on the other's behalf.

An entity shall apply this amendment to the financial liabilities that have been modified or replaced at (or after) the beginning of the annual reporting period, in which the entity first applies this amendment.

(in thousands of Hryvnias, unless otherwise indicated)

This amendment will be effective for the annual reporting periods beginning on or after 1 January 2022. Earlier application is permitted. The Bank shall apply this amendment to the financial liabilities that have been modified or replaced at (or after) the beginning of the annual reporting period, in which the Bank first applies this amendment. It is expected that this amendment will not have a material impact on the Bank's financial statements.

Interest Rate Benchmark Reform – Phase 2: Amendments to IFRS 9, IAS 39, IFRS 7, IFRS 4 and IFRS 16.

In August 2020, the IASB issued the *Interest Rate Benchmark Reform – Phase 2* Amendments to IFRS 9, IAS 39, IFRS 7, IFRS 4 and IFRS 16, (IBOR reform Phase 2) to address the accounting issues which arise upon the replacement of an IBOR with a RFR. These amendments provide for a number of reliefs and additional disclosures. The reliefs apply upon the transition of a financial instrument from an IBOR to a risk-free-rate (RFR).

Changes to the basis for determining contractual cash flows as a result of the interest rate benchmark reform are required as a practical expedient to be treated as changes to a floating interest rate, provided that, for the financial instrument, the transition from the IBOR benchmark rate to RFR takes place on an economically equivalent basis.

The Bank will apply the above amendment starting January 2021.

5. Significant accounting judgments and estimates

The preparation of financial statements in compliance with IFRS requires that Bank's management make judgments, estimates and assumptions that affect the application of policies and the reported amounts of assets, liabilities, income and expense. The estimates and associated assumptions are based on historical experience and various other factors that are believed to be reasonable under the circumstances, the results of which form the basis of making the judgments about carrying values of assets and liabilities that are not readily apparent from other sources. Although these estimates are based on management's best knowledge of current events and actions, actual results ultimately may differ from these estimates.

In particular, information about significant areas of estimation uncertainty and critical judgments in applying accounting policies is as follows.

Key estimates in applying accounting policies

Fair value of financial instruments

Investments measured at fair value through other comprehensive income, loans to customers measured at fair value through profit or loss and derivative financial instruments are stated at fair value.

The Bank considers that the accounting estimates and assumptions related to valuation of financial instruments where quoted market prices are not available are the key source of estimation uncertainty, because: (a) they are highly susceptible to change from period to period because they require that management make assumptions about interest rates, volatility, exchange rates, credit rating of a counterparty, valuation adjustments and specific feature of the transactions and (b) the impact that recognition of a change in valuations would have on the assets reported in the statement of financial position as well as its income/expense could be material.

Had management used different assumptions regarding interest rates, volatility, exchange rates, credit rating of a counterparty, offer date and valuation adjustments, their value could differ significantly from that reflected in the financial statements.

Expected credit loss allowance

The measurement of impairment losses under IFRS 9 across all categories of financial assets requires judgement, in particular, the estimation of the amount and timing of future cash flows and collateral values when determining impairment losses and the assessment of a significant increase in credit risk. These estimates are driven by a number of factors, changes in which can result in different levels of allowances.

In addition, large-scale business disruptions may give rise to liquidity issues for some entities and consumers. Deterioration in credit quality of loan portfolios and trade receivables (amongst other items) as a result of the COVID-19 pandemic may have a significant impact on the Bank's ECL measurement.

The Bank's ECL calculations are outputs of complex models with a number of underlying assumptions regarding the choice of variable inputs and their interdependencies. Elements of the ECL models that are considered accounting judgements and estimates include:

(in thousands of Hryvnias, unless otherwise indicated)

- ▶ The Bank's criteria for assessing if there has been a significant increase in credit risk and so allowances for financial assets should be measured on a LTECL basis and the qualitative assessment;
- ▶ The segmentation of financial assets when their ECL is assessed on a collective basis;
- ▶ Development of ECL models, including the various formulae and the choice of inputs;
- ▶ Determination of associations between macroeconomic scenarios and economic inputs, such as unemployment levels and collateral values, and the effect on PDs, EADs and LGDs;
- ▶ Selection of forward-looking macroeconomic scenarios and their probability weightings, to derive the economic inputs into the ECL models.

More details are provided in Notes 10 and 28.

Fair value of buildings and land plots

As discussed in Note 4, buildings and land plots are carried at revalued amount, less any subsequent accumulated depreciation and impairment losses. The method used to estimate fair value is the comparative approach to evaluation. The comparative approach to evaluation is based on an analysis of the results of comparable sales of similar buildings. The estimation of the fair value of buildings and land plots requires the exercise of judgment and the use of assumptions regarding the comparability of properties and other factors. Management engages external independent appraisers to estimate the fair value of property.

6. Segment information

For management purposes, the Bank has defined five operating segments based on its products and services, which are as follows:

| | |
|--|--|
| Legal entities: | Mainly granting purpose loans, servicing deposits and current accounts for corporate and institutional customers. |
| Clients of small and medium-sized enterprises (hereinafter – "SME"): | Mainly customer servicing under targeted lending programs, deposits and current accounts of customers whose activities meet certain criteria and limits. |
| Individuals: | Mainly servicing individual customers' deposits and granting consumer loans, overdrafts, handling credit cards and funds transfer facilities. |
| Financial institutions: | Mainly placing funds with and attracting funds from other financial institutions. |
| Asset management and other: | Finance and other central functions. |

Management monitors the operating results of its business units separately for the purpose of making decisions about resource allocation and performance measurement. Segment performance, as explained in the table below, is measured differently from profit or loss in the financial statements. Income taxes are managed on a group basis and are not allocated to operating segments.

The segment information below is presented on the basis used by the Bank's chief operating decision maker to evaluate performance, in accordance with IFRS 8 *Operating Segments*. Management reviews discrete financial information for each of its segments, including estimates of operating results, assets, and liabilities. The segments are managed primarily on the basis of their performance, without analysing intersegment funding and income and expense arising between them.

During the nine months of 2021, the Bank received revenue from the loan transactions with one client in the amount of UAH 130,429 thousand. During the nine months 2020, the Bank received revenue from the loan transactions with one client in the amount of UAH 453,461 thousand.

The following tables summarize income and profit and certain other assets and liabilities information regarding the Bank's operating segments.

| 30 September 2021 | Legal entities | SME | Individuals | Financial institutions | Asset management and other | Total |
|--|-----------------------|------------|--------------------|-------------------------------|-----------------------------------|------------------|
| Income | | | | | | |
| Interest income | 2,381,926 | 663,402 | 494,262 | 28,412 | 3,005,954 | 6,573,956 |
| Fee and commission income | 568,250 | 317,682 | 492,447 | 96,033 | 147,005 | 1,621,417 |
| Net gains on foreign exchange operations and precious metals | 86,327 | 3,542 | 79,981 | - | (79,298) | 90,552 |
| Result on operations with derivative financial instruments | - | - | - | - | 180,540 | 180,540 |

(in thousands of Hryvnias, unless otherwise indicated)

| | <i>Legal entities</i> | <i>SME</i> | <i>Individuals</i> | <i>Financial institutions</i> | <i>Asset management and other</i> | <i>Total</i> |
|---|-----------------------|------------------|--------------------|-------------------------------|-----------------------------------|----------------------|
| 30 September 2021 | | | | | | |
| Net gains on investment property | - | - | - | - | 9,994 | 9,994 |
| Net gains on investments at fair value through other comprehensive income | - | - | - | - | 227,723 | 227,723 |
| Net gains/(losses) on derecognition of financial assets at amortized cost | 7,079 | 527 | 7,865 | - | - | 15,471 |
| Net gains/(losses) on derecognition of financial liabilities | 117 | 201 | 168 | 8 | - | 494 |
| Other income | 17,293 | 51,492 | 50,048 | - | 107,392 | 226,225 |
| Total income | 3,060,992 | 1,036,846 | 1,124,771 | 124,453 | 3,599,310 | 8,946,372 |
| Expenses | | | | | | |
| Interest expense | (1,529,430) | (203,595) | (785,338) | (155,694) | (14,317) | (2,688,374) |
| Fee and commission expense | (99,643) | (20,606) | (180,167) | (94,983) | (117,629) | (513,028) |
| Credit loss expense | (1,022,994) | 479,990 | (4,839) | (2,907) | (203,655) | (754,405) |
| Change in allowance for impairment of other assets and other provisions | (286,353) | (5,800) | (428) | 6 | 22,008 | (270,567) |
| Losses on initial recognition of financial assets | - | - | (1,532) | - | - | (1,532) |
| Staff costs | (405,254) | (246,909) | (623,052) | (22,354) | (156,099) | (1,453,668) |
| Depreciation and amortization | (52,201) | (22,555) | (90,308) | (1,971) | (9,223) | (176,258) |
| Depreciation of right-of-use assets | (10,634) | (4,958) | (29,613) | (371) | (15,022) | (60,598) |
| Result on operations with loans at fair value through profit / loss | - | (3,472) | - | - | - | (3,472) |
| Other operating expense | (93,342) | (98,333) | (457,346) | (5,274) | (147,938) | (802,233) |
| Total expenses | (3,499,851) | (126,238) | (2,172,623) | (283,548) | (641,875) | (6,724,135) |
| Segment results | (438,859) | 910,608 | (1,047,852) | (159,095) | 2,957,435 | 2,222,237 |
| Income tax expense | | | | | (474,450) | (474,450) |
| Profit for the period | | | | | 2,482,985 | 1,747,787 |
| Segment assets | 37,885,041 | 8,048,993 | 5,201,023 | 21,812,653 | 39,820,366 | 112,768,076 |
| Segment liabilities | (53,897,495) | (10,316,196) | (27,478,253) | (8,279,808) | (2,927,293) | (102,899,045) |
| Other segment information | | | | | | |
| Capital expenditures | 15,515 | 5,973 | 34,946 | 509 | 1,320 | 58,263 |

| | <i>Legal entities</i> | <i>SMEs</i> | <i>Individuals</i> | <i>Financial institutions</i> | <i>Asset management and other</i> | <i>Total</i> |
|---|-----------------------|----------------|--------------------|-------------------------------|-----------------------------------|--------------------|
| 30 September 2020/ 31 December 2020 | | | | | | |
| Income | | | | | | |
| Interest income | 2,586,731 | 484,346 | 412,230 | 104,176 | 3,451,795 | 7,039,278 |
| Fee and commission income | 401,985 | 229,457 | 407,915 | 65,973 | 30,790 | 1,136,120 |
| Net gains on derecognition of financial assets measured at amortised cost | 234,796 | 550 | 4,298 | - | - | 239,644 |
| Net gains on foreign exchange operations and precious metals | 34,694 | 2,546 | 72,646 | - | 72,108 | 181,994 |
| Credit loss expense on other assets and other provisions | 171,402 | (4,985) | 2,735 | 8 | (1,278) | 167,882 |
| Result on operations with derivative financial instruments | - | - | - | - | 125,966 | 125,966 |
| Net gains on investment property | - | - | - | - | 8,255 | 8,255 |
| Net gains on investment securities available for sale | - | - | - | - | 121,152 | 121,152 |
| Other income | 25,516 | 15,319 | 91,936 | - | 54,252 | 187,023 |
| Total incomes | 3,455,124 | 727,233 | 991,760 | 170,157 | 3,863,040 | 9,207,314 |
| Expenses | | | | | | |
| Interest expense | (3,094,561) | (456,517) | (1,241,479) | (78,279) | (17,790) | (4,888,626) |
| Fee and commission expense | (51,653) | (14,174) | (120,429) | (68,822) | (12,345) | (267,423) |
| Losses on initial recognition of financial assets | - | - | (172) | - | - | (172) |
| Credit loss expense | (302,403) | (347,858) | (19,838) | 586 | (196,914) | (866,427) |
| Net losses on derecognition of financial liabilities | (209) | (131) | (5) | - | - | (345) |

(in thousands of Hryvnias, unless otherwise indicated)

| 30 September 2020/ 31 December 2020 | Legal entities | SMEs | Individuals | Financial institutions | Asset management and other | Total |
|--|-----------------------|--------------------|--------------------|-------------------------------|-----------------------------------|----------------------|
| Staff costs | (368,401) | (209,806) | (606,518) | (34,887) | (138,311) | (1,357,923) |
| Depreciation and amortisation | (58,552) | (23,327) | (138,490) | (2,609) | (11,149) | (234,127) |
| Depreciation of right-of-use assets | (7,508) | (3,293) | (22,251) | (316) | (14,878) | (48,246) |
| Other operating expense | (89,984) | (47,175) | (440,880) | (9,362) | (135,579) | (722,980) |
| Total expenses | (3,973,271) | (1,102,281) | (2,590,062) | (193,689) | (526,966) | (8,386,269) |
| Segment results | (518,147) | (375,048) | (1,598,302) | (23,532) | 3,336,074 | 821,045 |
| Income tax | | | | | (135,857) | (135,857) |
| Profit for the period | | | | | 3,200,217 | 685,188 |
| Segment assets | 37,969,051 | 7,127,077 | 3,889,716 | 24,869,575 | 68,847,313 | 142,702,732 |
| Segment liabilities | (85,473,291) | (11,559,750) | (29,743,387) | (5,669,678) | (1,707,795) | (134,153,901) |
| Other segment information | | | | | | |
| Capital expenditures | 44,978 | 16,590 | 98,248 | 1,740 | 5,306 | 166,862 |

7. Cash and cash equivalents

Cash and cash equivalents comprise:

| | 30 September 2021 | 31 December 2020 |
|--|--------------------------|-------------------------|
| Current accounts with other credit institutions | 20,061,823 | 24,195,659 |
| Current accounts with the National Bank of Ukraine | 3,739,622 | 4,913,458 |
| Cash on hand | 2,471,889 | 2,681,923 |
| Time deposits with credit institutions with maturities up to 90 days | 611,253 | - |
| Deposit certificates of the National Bank of Ukraine (overnight) | - | 3,500,478 |
| | 26,884,587 | 35,291,518 |
| Less: expected credit losses | (6,120) | (3,524) |
| Cash and cash equivalents | 26,878,467 | 35,287,994 |

The current accounts with the National Bank of Ukraine represent the amounts for daily settlements and other operations of the Bank. There are no restrictions of access to the funds placed on the current accounts with the National Bank of Ukraine.

As at 30 September 2021, the obligatory reserves estimated in accordance with the requirements of the National Bank of Ukraine amounted to UAH 4,732,719 thousand (2020: UAH 6,797,628 thousand).

As at 30 September 2021 and 31 December 2020, the Bank complied with the requirements of the National Bank of Ukraine regarding the obligatory reserve amounts.

Changes in expected credit losses during the nine months ended 30 September of 2021 and 30 September 2020 were as follows:

| | Stage 1 |
|---|----------------|
| As at 1 January 2021 | 3,524 |
| New assets originated or purchased | 204 |
| Assets repaid | - |
| Changes in expected credit losses | 2,759 |
| <i>Total credit loss expense before transition difference</i> | 2,963 |
| Exchange differences | (367) |
| As at 30 September 2021 | 6,120 |
| | Stage 1 |
| As at 1 January 2020 | 4,581 |
| New assets originated or purchased | 53 |
| Assets repaid | (3) |
| Changes in expected credit losses | (740) |
| <i>Total credit loss expense before transition difference</i> | (690) |
| Exchange differences | 1,280 |

*(in thousands of Hryvnias, unless otherwise indicated)***As at 30 September 2020****5,171****8. Due from credit institutions**

Due from credit institutions comprise:

| | 30 September 2021 | 31 December 2020 |
|---|------------------------------|-----------------------------|
| Reverse REPO agreements | 1,029,671 | 639,611 |
| Other amounts due from credit institutions | 101,970 | 22,164 |
| Time deposits with maturities over 90 days or overdue | 10,554 | 11,228 |
| | 1,142,195 | 673,003 |
| Less: expected credit losses | (10,766) | (11,512) |
| Due from credit institutions | 1,131,429 | 661,491 |

As at 30 September 2021, the overdue balance of due from credit institutions amounted to UAH 10,554 thousand (2020: UAH 11,228 thousand).

As at 30 September 2021, due from credit institutions in the amount of UAH 923,279 thousand (or 80.83% of the total amount due from credit institutions) was placed with three banks (2020: UAH 536,765 thousand with three banks, or 79.76% of the total amount due from credit institutions).

As at 30 September 2021, reverse REPO agreements were secured by UDGB with the fair value of UAH 1,189,403 thousand (2020: UAH 779,263 thousand).

Other amounts due from credit institutions include guarantee deposits placed mainly for customer transactions, such as letters of credit, guarantees, performance guarantees and transactions with travel checks and payments cards.

Analysis of changes in the gross carrying value for the nine months ended 30 September 2021 is as follows:

| | Stage 1 | Stage 2 | Stage 3 | Total |
|---|------------------|----------------|----------------|--------------------|
| As at 1 January 2021 | 661,775 | - | 11,228 | 673,003 |
| New assets originated or purchased | 1,878,565 | - | - | 1,878,565 |
| Assets repaid | (1,402,851) | - | - | (1,402,851) |
| Transfer to stage 1 | - | - | - | - |
| Transfer to stage 2 | - | - | - | - |
| Transfer to stage 3 | - | - | - | - |
| Changes to contractual cash flows due to modifications not resulting in derecognition | - | - | - | - |
| Exchange differences | (5,848) | - | (674) | (6,522) |
| As at 30 September 2021 | 1,131,641 | - | 10,554 | 1,142,195 |

Analysis of changes in the gross carrying value for the year ended 31 December 2020 is as follows:

| | Stage 1 | Stage 2 | Stage 3 | Total |
|---|----------------|----------------|----------------|--------------------|
| As at 1 January 2020 | 293,902 | - | 9,406 | 303,308 |
| New assets originated or purchased | 1,382,586 | - | - | 1,382,586 |
| Assets repaid | (1,018,683) | - | - | (1,018,683) |
| Transfer to stage 1 | - | - | - | - |
| Transfer to stage 2 | - | - | - | - |
| Transfer to stage 3 | - | - | - | - |
| Changes to contractual cash flows due to modifications not resulting in derecognition | - | - | - | - |
| Exchange differences | 3,970 | - | 1,822 | 5,792 |
| As at 31 December 2020 | 661,775 | - | 11,228 | 673,003 |

(in thousands of Hryvnias, unless otherwise indicated)

Changes in expected credit losses for the nine months ended 30 September 2021 were as follows:

| | Stage 1 | Stage 2 | Stage 3 | Total |
|---|----------------|----------------|----------------|---------------|
| As at 1 January 2021 | 284 | - | 11,228 | 11,512 |
| New assets originated or purchased | 221 | - | - | 221 |
| Assets repaid | - | - | - | - |
| Transfer to stage 1 | - | - | - | - |
| Transfer to stage 2 | - | - | - | - |
| Transfer to stage 3 | - | - | - | - |
| Changes in expected credit losses | (277) | - | - | (277) |
| <i>Total credit loss expense before transition difference</i> | (56) | - | - | (56) |
| Write-off | - | - | - | - |
| Exchange differences | (16) | - | (674) | (690) |
| As at 30 September 2021 | 212 | - | 10,554 | 10,766 |

Changes in expected credit losses for the nine months ended 30 September 2020 were as follows:

| | Stage 1 | Stage 2 | Stage 3 | Total |
|---|----------------|----------------|----------------|---------------|
| As at 1 January 2020 | 332 | - | 9,406 | 9,738 |
| New assets originated or purchased | 374 | - | - | 374 |
| Assets repaid | (270) | - | - | (270) |
| Transfer to stage 1 | - | - | - | - |
| Transfer to stage 2 | - | - | - | - |
| Transfer to stage 3 | - | - | - | - |
| Changes in expected credit losses | - | - | - | - |
| <i>Total credit loss expense before transition difference</i> | 104 | - | - | 104 |
| Write-off | - | - | - | - |
| Exchange differences | 41 | - | 1,832 | 1,873 |
| As at 30 September 2020 | 477 | - | 11,238 | 11,715 |

9. Derivative financial instruments

The Bank enters into currency exchange operations whereby it is obliged to supply one currency in exchange for another under pre-determined exchange rates. Such transactions are entered into with Ukrainian and international banks and clients. Currency delivery under such contracts should not exceed one month.

The Bank concludes contracts for the purchase of derivative financial instruments for hedging purposes, but these instruments do not qualify for hedge accounting.

Notional amounts in the tables below represent the accounts receivable and payable:

| Foreign exchange contracts | 30 September 2021 | | | | 31 December 2020 | | | |
|---|--------------------------|--------------------|-------------------|--------------------|-------------------------|--------------------|-------------------|--------------------|
| | Notional amount | | Fair value | | Notional amount | | Fair value | |
| | Assets | Liabilities | Assets | Liabilities | Assets | Liabilities | Assets | Liabilities |
| Swaps/forwards | 8,418,971 | (8,476,355) | 3,203 | (60,587) | 4,935,545 | (5,157,490) | 4,930 | (226,875) |
| Spots | 1,949,699 | (1,951,832) | 2,743 | (4,876) | 745,303 | (745,823) | 256 | (776) |
| Total derivative assets/ (liabilities) | | | 5,946 | (65,463) | | | 5,186 | (227,651) |

*(in thousands of Hryvnias, unless otherwise indicated)***10. Loans to customers and finance leases**

Loans to customers and finance leases comprise:

| | 30 September 2021 | 31 December 2020 |
|--|------------------------------|-----------------------------|
| Legal entities | 42,526,203 | 41,682,615 |
| SME | 8,226,842 | 7,808,679 |
| Individuals | 6,111,004 | 5,571,369 |
| Gross loans to customers and finance leases | 56,864,049 | 55,062,663 |
| Less: expected credit losses | (7,039,657) | (7,545,080) |
| Loans to customers and finance leases | 49,824,392 | 47,517,583 |

As at 30 September 2021, loans to customers and finance leases included loans to customers of UAH 118,064 thousand. (2020: UAH 123,109 thousand), the contractual terms of which do not comply to the terms of the basic lending arrangement, and which are measured at FVPL. Information regarding fair value measurement of loans to customers at FVPL is provided in Note 30.

As at 30 September 2021, loans to customers and finance leases included loans to customers of UAH 1,692 thousand. (2020: UAH 2,039 thousand) held under the business model, the purpose of which is to retain financial assets to obtain contractual cash flows and sales. Information regarding fair value measurement of loans to customers at FVOCI is provided in Note 30.

As at 30 September 2021, the total amount of not overdue restructured loans was UAH 1,556,920 thousand (2020: UAH 2,178,452 thousand).

During the nine months of 2021, the Bank performed foreclosure of collateral for repayment of loans to customers. The amount of collateral, which was used for repayment of loans to customers, was UAH 8,019 thousand and is subsequently accounted as other property (2020: UAH 16,520 thousand).

Analysis of changes in the gross carrying value for the nine months ended 30 September 2021 is as follows:

| Legal entities | Stage 1 | Stage 2 | Stage 3 | POCI | Total |
|--------------------------------|-------------------|-------------------|------------------|----------------|-------------------|
| As at 1 January 2021 | 26,370,809 | 11,541,605 | 3,471,279 | 298,922 | 41,682,615 |
| New assets | 18,122,911 | 8,202,835 | 159,850 | 3,414 | 26,489,010 |
| Repaid assets | (13,655,638) | (9,454,880) | (312,442) | (26,566) | (23,449,526) |
| Transfer to stage 1 | 1,569,836 | (1,569,836) | - | - | - |
| Transfer to stage 2 | (3,244,417) | 3,959,843 | (715,426) | - | - |
| Transfer to stage 3 | (61,217) | (1,968,631) | 2,029,848 | - | - |
| Amounts written off | - | - | (86,846) | - | (86,846) |
| Exchange differences | (1,034,413) | (889,128) | (172,813) | (12,696) | (2,109,050) |
| As at 30 September 2021 | 28,067,871 | 9,821,808 | 4,373,450 | 263,074 | 42,526,203 |

| SME | Stage 1 | Stage 2 | Stage 3 | POCI | Total |
|--------------------------------|------------------|------------------|----------------|-------------|------------------|
| As at 1 January 2021 | 4,704,335 | 2,025,499 | 955,736 | - | 7,685,570 |
| New assets | 4,162,378 | 22,370 | 85,310 | - | 4,270,058 |
| Repaid assets | (2,481,431) | (385,590) | (670,237) | - | (3,537,258) |
| Transfer to stage 1 | 505,079 | (451,989) | (53,090) | - | - |
| Transfer to stage 2 | (791,873) | 958,712 | (166,839) | - | - |
| Transfer to stage 3 | (265) | (202,110) | 202,375 | - | - |
| Amounts written off | - | - | (8,642) | - | (8,642) |
| Exchange differences | (69,803) | (181,166) | (49,981) | - | (300,950) |
| As at 30 September 2021 | 6,028,420 | 1,785,726 | 294,632 | - | 8,108,778 |

(in thousands of Hryvnias, unless otherwise indicated)

| <i>Individuals</i> | <i>Stage 1</i> | <i>Stage 2</i> | <i>Stage 3</i> | <i>POCI</i> | <i>Total</i> |
|--------------------------------|------------------|----------------|------------------|---------------|--------------------|
| As at 1 January 2021 | 3,066,495 | 29,840 | 2,469,610 | 5,424 | 5,571,369 |
| New assets | 3,021,186 | 4,010 | 41,330 | 19,371 | 3,085,897 |
| Repaid assets | (1,487,611) | (23,805) | (115,015) | (3,249) | (1,629,680) |
| Transfer to stage 1 | 107,135 | (102,694) | (4,441) | - | - |
| Transfer to stage 2 | (217,803) | 219,253 | (1,450) | - | - |
| Transfer to stage 3 | (22,922) | (89,401) | 112,323 | - | - |
| Amounts written off | (4) | - | (808,683) | (6,935) | (815,622) |
| Exchange differences | (1,158) | (19) | (99,783) | - | (100,960) |
| As at 30 September 2021 | 4,465,318 | 37,184 | 1,593,891 | 14,611 | 6,111,004 |

Analysis of changes in the gross carrying value for the year ended 31 December 2020 is as follows:

| <i>Legal entities</i> | <i>Stage 1</i> | <i>Stage 2</i> | <i>Stage 3</i> | <i>POCI</i> | <i>Total</i> |
|-------------------------------|-------------------|-------------------|------------------|----------------|---------------------|
| As at 1 January 2020 | 26,760,316 | 3,844,351 | 4,637,669 | 270,476 | 35,512,812 |
| New assets | 27,391,173 | 1,715,375 | 652,793 | - | 29,759,341 |
| Repaid assets | (22,770,521) | (2,627,955) | (1,019,532) | (17,970) | (26,435,978) |
| Transfer to stage 1 | 7,931,261 | (7,366,905) | (564,356) | - | - |
| Transfer to stage 2 | (15,475,968) | 15,528,407 | (52,439) | - | - |
| Transfer to stage 3 | (266,948) | (399,971) | 666,919 | - | - |
| Amounts written off | - | - | (1,159,546) | - | (1,159,546) |
| Exchange differences | 2,801,496 | 848,303 | 309,771 | 46,416 | 4,005,986 |
| As at 31 December 2020 | 26,370,809 | 11,541,605 | 3,471,279 | 298,922 | 41,682,615 |

| <i>SME</i> | <i>Stage 1</i> | <i>Stage 2</i> | <i>Stage 3</i> | <i>POCI</i> | <i>Total</i> |
|-------------------------------|------------------|------------------|----------------|-------------|--------------------|
| As at 1 January 2020 | 4,361,811 | 245,718 | 659,663 | - | 5,267,192 |
| New assets | 4,461,465 | 27,483 | 124,740 | - | 4,613,688 |
| Repaid assets | (2,715,239) | (180,118) | (62,119) | - | (2,957,476) |
| Transfer to stage 1 | 1,662,532 | (1,621,094) | (41,438) | - | - |
| Transfer to stage 2 | (3,615,121) | 3,617,495 | (2,374) | - | - |
| Transfer to stage 3 | (93,803) | (119,318) | 213,121 | - | - |
| Amounts written off | - | - | (43,820) | - | (43,820) |
| Exchange differences | 642,690 | 55,333 | 107,963 | - | 805,986 |
| As at 31 December 2020 | 4,704,335 | 2,025,499 | 955,736 | - | 7,685,570 |

| <i>Individuals</i> | <i>Stage 1</i> | <i>Stage 2</i> | <i>Stage 3</i> | <i>POCI</i> | <i>Total</i> |
|-------------------------------|------------------|----------------|------------------|--------------|--------------------|
| As at 1 January 2020 | 2,759,653 | 15,658 | 2,655,209 | - | 5,430,520 |
| New assets | 2,045,624 | 4,413 | 69,574 | 9,146 | 2,128,757 |
| Repaid assets | (1,610,162) | (13,654) | (148,376) | (3,722) | (1,775,914) |
| Transfer to stage 1 | 141,536 | (135,390) | (6,146) | - | - |
| Transfer to stage 2 | (238,338) | 239,671 | (1,333) | - | - |
| Transfer to stage 3 | (36,516) | (80,896) | 117,412 | - | - |
| Amounts written off | (123) | - | (612,667) | - | (612,790) |
| Exchange differences | 4,821 | 38 | 395,937 | - | 400,796 |
| As at 31 December 2020 | 3,066,495 | 29,840 | 2,469,610 | 5,424 | 5,571,369 |

Write-offs are represented by bad debts in the amount of UAH 911,651 thousand (2020: UAH 1,834,566 thousands of write-off of bad debts).

Expected credit losses on loans to customers and finance leases for the nine months ended 30 September 2021 were as follows:

| <i>Legal entities</i> | <i>Stage 1</i> | <i>Stage 2</i> | <i>Stage 3</i> | <i>POCI</i> | <i>Total</i> |
|-----------------------------|----------------|------------------|------------------|---------------|------------------|
| As at 1 January 2021 | 492,483 | 1,257,994 | 2,464,888 | 35,979 | 4,251,344 |
| New assets | 226,765 | 601,189 | - | - | 827,954 |
| Repaid assets | (18,227) | (645,439) | (7,014) | - | (670,680) |
| Transfer to stage 1 | 2,837 | (2,837) | - | - | - |
| Transfer to stage 2 | (395,808) | 1,081,228 | (685,420) | - | - |
| Transfer to stage 3 | (32,433) | (963,437) | 995,870 | - | - |
| Change of reserve | 145,558 | 481,582 | 256,112 | (17,532) | 865,720 |

(in thousands of Hryvnias, unless otherwise indicated)

| Legal entities | Stage 1 | Stage 2 | Stage 3 | POCI | Total |
|---|----------------|------------------|------------------|---------------|------------------|
| <i>Total credit loss expense before transition difference</i> | (71,308) | 552,286 | 559,548 | (17,532) | 1,022,994 |
| Changes in impaired interest | - | - | 183,811 | - | 183,811 |
| Amounts written off | - | - | (86,846) | - | (86,846) |
| Exchange differences | (25,498) | (104,646) | (108,822) | (268) | (239,234) |
| As at 30 September 2021 | 395,677 | 1,705,634 | 3,012,579 | 18,179 | 5,132,069 |

| SME | Stage 1 | Stage 2 | Stage 3 | POCI | Total |
|---|----------------|----------------|----------------|-------------|------------------|
| As at 1 January 2021 | 123,111 | 228,672 | 551,025 | - | 902,808 |
| New assets | 34,192 | - | 16,719 | - | 50,911 |
| Repaid assets | (1,411) | (1,224) | (391,192) | - | (393,827) |
| Transfer to stage 1 | 6,571 | (6,326) | (245) | - | - |
| Transfer to stage 2 | (95,973) | 127,802 | (31,829) | - | - |
| Transfer to stage 3 | (185) | (186,471) | 186,656 | - | - |
| Change of reserve | (12,271) | (15,879) | (108,924) | - | (137,074) |
| <i>Total credit loss expense before transition difference</i> | (69,077) | (82,098) | (328,815) | - | (479,990) |
| Changes in impaired interest | - | - | 24,999 | - | 24,999 |
| Amounts written off | - | - | (8,642) | - | (8,642) |
| Exchange differences | (989) | (14,792) | (30,822) | - | (46,603) |
| As at 30 September 2021 | 53,045 | 131,782 | 207,745 | - | 392,572 |

| Individuals | Stage 1 | Stage 2 | Stage 3 | POCI | Total |
|---|----------------|----------------|------------------|--------------|------------------|
| As at 1 January 2021 | 18,262 | 11,817 | 2,356,447 | 4,402 | 2,390,928 |
| New assets | 6,587 | - | 2,699 | 3,778 | 13,064 |
| Repaid assets | (983) | (3,077) | (21,951) | (172) | (26,183) |
| Transfer to stage 1 | 4,519 | (4,450) | (69) | - | - |
| Transfer to stage 2 | (64,479) | 64,957 | (478) | - | - |
| Transfer to stage 3 | (8,331) | (60,058) | 68,389 | - | - |
| Change of reserve | 67,447 | 3,742 | (56,934) | 5,092 | 19,347 |
| <i>Total credit loss expense before transition difference</i> | 4,760 | 1,114 | (8,344) | 8,698 | 6,228 |
| Changes in impaired interest | - | - | 28,046 | 1,029 | 29,075 |
| Amounts written off | (4) | - | (809,224) | (6,935) | (816,163) |
| Exchange differences | (43) | (1) | (95,008) | - | (95,052) |
| As at 30 September 2021 | 22,975 | 12,930 | 1,471,917 | 7,194 | 1,515,016 |

Expected credit losses on loans to customers and finance leases for the nine months ended 30 September 2020 were as follows:

| Legal entities | Stage 1 | Stage 2 | Stage 3 | POCI | Total |
|---|----------------|----------------|------------------|---------------|--------------------|
| As at 1 January 2020 | 534,172 | 203,316 | 3,590,893 | 27,352 | 4,355,733 |
| New assets | 302,612 | 29,019 | 22,319 | - | 353,950 |
| Repaid assets | (30,409) | (12,981) | (229,595) | - | (272,985) |
| Transfer to stage 1 | 267,882 | (256,951) | (10,931) | - | - |
| Transfer to stage 2 | (1,083,689) | 1,084,057 | (368) | - | - |
| Transfer to stage 3 | (202,319) | (58,772) | 261,091 | - | - |
| Change of reserve | 772,415 | (299,819) | (274,246) | 23,088 | 221,438 |
| <i>Total credit loss expense before transition difference</i> | 26,492 | 484,553 | (231,730) | 23,088 | 302,403 |
| Changes in impaired interest | - | - | 211,029 | - | 211,029 |
| Amounts written off | - | - | (1,130,930) | - | (1,130,930) |
| Exchange differences | 58,694 | 42,016 | 105,836 | - | 206,546 |
| As at 30 September 2020 | 619,358 | 729,885 | 2,545,098 | 50,440 | 3,944,781 |

(in thousands of Hryvnias, unless otherwise indicated)

| <i>SME</i> | <i>Stage 1</i> | <i>Stage 2</i> | <i>Stage 3</i> | <i>POCI</i> | <i>Total</i> |
|---|----------------|----------------|----------------|-------------|-----------------|
| As at 1 January 2020 | 29,827 | 8,579 | 206,032 | - | 244,438 |
| New assets | 11,717 | 268 | 15,468 | - | 27,453 |
| Repaid assets | (2,297) | (18,395) | (8,339) | - | (29,031) |
| Transfer to stage 1 | 35,932 | (35,924) | (8) | - | - |
| Transfer to stage 2 | (248,549) | 248,702 | (153) | - | - |
| Transfer to stage 3 | (2,011) | (50,095) | 52,106 | - | - |
| Change of reserve | 226,963 | (50,622) | 173,095 | - | 349,436 |
| <i>Total credit loss expense before transition difference</i> | <i>21,755</i> | <i>93,934</i> | <i>232,169</i> | - | 347,858 |
| Changes in impaired interest | - | - | 13,874 | - | 13,874 |
| Amounts written off | - | - | (47,157) | - | (47,157) |
| Exchange differences | 14,270 | (752) | 28,244 | - | 41,762 |
| As at 30 September 2020 | 65,852 | 101,761 | 433,162 | - | 600,775 |

| <i>Individuals</i> | <i>Stage 1</i> | <i>Stage 2</i> | <i>Stage 3</i> | <i>POCI</i> | <i>Total</i> |
|---|----------------|----------------|------------------|--------------|------------------|
| As at 1 January 2020 | 17,268 | 6,709 | 2,600,697 | - | 2,624,674 |
| New assets | 2,900 | - | 2,235 | - | 5,135 |
| Repaid assets | (703) | (973) | (6,593) | - | (8,269) |
| Transfer to stage 1 | 3,461 | (3,432) | (29) | - | - |
| Transfer to stage 2 | (62,255) | 62,523 | (268) | - | - |
| Transfer to stage 3 | (25,180) | (34,762) | 59,942 | - | - |
| Change of reserve | 89,828 | (10,727) | (57,929) | 2,107 | 23,279 |
| <i>Total credit loss expense before transition difference</i> | <i>8,051</i> | <i>12,629</i> | <i>(2,642)</i> | <i>2,107</i> | 20,145 |
| Changes in impaired interest | - | - | 29,993 | - | 29,993 |
| Amounts written off | (123) | - | (587,786) | - | (587,909) |
| Exchange differences | (154) | (33) | 395,032 | - | 394,845 |
| As at 30 September 2020 | 25,042 | 19,305 | 2,435,294 | 2,107 | 2,481,748 |

As at 30 September 2021, the Bank has made adjusted the process of estimation of expected credit losses in connection with the ongoing COVID-19 pandemic. In particular, the Bank updated the forecast information, including forecasts of macroeconomic indicators. Also, the Bank revised the indicators of a significant increase in credit risk. The management adjustments due to COVID-19 as at 30 September 2021 were as follows:

| | <i>Modelled ECL</i> | <i>Management overlays</i> | <i>Total ECL</i> | <i>Adjustments as a % of total ECL</i> |
|----------------|---------------------|----------------------------|------------------|--|
| Legal entities | 4,957,306 | 174,764 | 5,132,069 | 3% |
| SMEs | 345,100 | 47,472 | 392,572 | 12% |
| Individuals | 1,515,016 | - | 1,515,016 | 0% |
| Total | 6,817,422 | 222,236 | 7,039,657 | 3% |

Management overlays

Management overlays reflect significant uncertainty as a consequence of the COVID-19 pandemic. Considerations included the potential severity and duration of the economic disruption and the heightened credit risk of specific sectors and loan classes/segments.

The table below discloses the number and gross carrying value of loans to customers and finance leases as at 30 September 2021 in regard to which the Bank's special programs related to the restructuring of the terms of loan agreements due to COVID-19 apply:

| <i>Bank's special programs</i> | <i>Legal entities</i> | <i>SMEs</i> | <i>Individuals</i> | <i>Total</i> |
|---|-----------------------|-------------|--------------------|--------------|
| Amount of loans to customers and finance leases | 58 | 270 | 55,356 | 55,684 |
| Gross carrying value of loans to customers and finance leases | 5,741,309 | 838,883 | 886,988 | 7,467,180 |
| % of portfolio | 10% | 1% | 2% | 13% |

(in thousands of Hryvnias, unless otherwise indicated)

The table below discloses the gross carrying value and corresponding ECL by stages for loans to customers and finance leases subject to payment relief provided due to COVID-19 and in regard to which the Bank's special programs related to the restructuring of the terms of loan agreements apply:

| Bank's special programs | Stage 1 | Stage 2 | Stage 3 | Total |
|---|----------------|----------------|----------------|--------------|
| Gross carrying value of loans to customers and finance leases | 3,624,550 | 2,038,747 | 1,803,883 | 7,467,180 |
| % of portfolio | 6% | 4% | 3% | 13% |
| Minus: expected credit losses | 32,843 | 327,344 | 813,413 | 1,173,600 |
| % of total amount of reserves | 0% | 5% | 12% | 17% |

The following is the information on undiscounted ECLs at initial recognition of purchased credit-impaired loans to customers and finance leases, which were initially recognized for the 9 months ended 30 September 2021 and the year of 2020:

| | 30 September 2021 | 31 December 2020 |
|---|------------------------------|-----------------------------|
| Legal entities | - | - |
| SME | - | - |
| Individuals | 9,568 | 3,653 |
| Total undiscounted ECLs at initial recognition of POCI | 9,568 | 3,653 |

Collateral

The following table summarizes the total loan portfolio by types of collateral:

| Type of collateral | 30 September 2021 | | | |
|---------------------------|--------------------------|------------------|--------------------|-------------------|
| | Legal entities | SME | Individuals | Total |
| Deposits | 1,390,534 | 199,990 | 8,025 | 1,598,549 |
| Real estate | 19,026,985 | 3,388,624 | 1,953,348 | 24,368,957 |
| Other assets | 12,144,303 | 3,793,610 | 2,068,667 | 18,006,580 |
| Unsecured | 9,964,381 | 844,618 | 2,080,964 | 12,889,963 |
| Total loans | 42,526,203 | 8,226,842 | 6,111,004 | 56,864,049 |

| Type of collateral | 31 December 2020 | | | |
|---------------------------|-------------------------|------------------|--------------------|-------------------|
| | Legal entities | SME | Individuals | Total |
| Deposits | 1,052,427 | 210,931 | 14,729 | 1,278,087 |
| Real estate | 19,563,102 | 3,402,427 | 1,589,851 | 24,555,380 |
| Other assets | 10,126,172 | 2,711,686 | 1,367,751 | 14,205,609 |
| Unsecured | 10,940,914 | 1,483,635 | 2,599,038 | 15,023,587 |
| Total loans | 41,682,615 | 7,808,679 | 5,571,369 | 55,062,663 |

The above amounts represent the carrying value of the loans, before expected credit losses, and do not represent the fair value of collateral. The Bank assesses the fair value of collateral at the loan origination, change of collateral structure, collateral repossession when the borrower is unable to repay the loan, and in cases and with frequency required by Ukrainian regulations.

As at 30 September 2021 and 31 December 2020, other assets include movable property, goods in turnover, etc.

In the absence of collateral or other credit quality enhancement tools, the expected credit losses on loans to customers at Stage 3 as at 30 September 2021 and 31 December 2020 would be bigger by:

| | 30 September 2021 | 31 December 2020 |
|----------------|------------------------------|-----------------------------|
| Legal entities | 1,302,157 | 801,957 |
| SME | 69,490 | 333,167 |
| Individuals | 59,707 | 49,293 |
| | 1,431,354 | 1,184,417 |

(in thousands of Hryvnias, unless otherwise indicated)

The following table presents the structure of loans to customers and finance leases by types of client segments and by debt currency:

| Types of clients | 30 September 2021 | | | | 31 December 2020 | | | |
|-----------------------------------|---------------------|----------------------|-------------------|------------------|---------------------|----------------------|-------------------|------------------|
| | In foreign currency | In national currency | Total | Impaired | In foreign currency | In national currency | Total | Impaired |
| State entities and municipalities | 6,723,849 | 6,695,991 | 13,419,840 | 1,159,720 | 8,155,451 | 5,740,812 | 13,896,263 | 1,185,011 |
| Corporate clients | 18,146,158 | 10,995,530 | 29,141,688 | 3,476,806 | 18,427,892 | 9,389,703 | 27,817,595 | 3,547,959 |
| Micro | 3,387 | 414,891 | 418,278 | 5,653 | 1,505 | 202,834 | 204,339 | 5,977 |
| SME | 2,258,412 | 5,514,827 | 7,773,239 | 289,151 | 3,639,598 | 3,933,499 | 7,573,097 | 951,047 |
| Individuals | 1,265,521 | 4,845,483 | 6,111,004 | 1,605,776 | 2,131,720 | 3,439,649 | 5,571,369 | 2,474,953 |
| Total | 28,397,327 | 28,466,722 | 56,864,049 | 6,537,106 | 32,356,166 | 22,706,497 | 55,062,663 | 8,164,947 |

The following table presents the structure of loans to customers and finance leases by types of client segments and by loan maturities:

| Types of clients | 30 September 2021 | | | 31 December 2020 | | |
|-----------------------------------|-------------------|--------------------|-------------------|-------------------|--------------------|-------------------|
| | Within one year | More than one year | Total | Within one year | More than one year | Total |
| State entities and municipalities | 5,969,350 | 7,450,490 | 13,419,840 | 5,428,540 | 8,467,723 | 13,896,263 |
| Corporate clients | 12,171,640 | 16,970,048 | 29,141,688 | 10,246,561 | 17,571,034 | 27,817,595 |
| Micro | 138,939 | 279,339 | 418,278 | 63,416 | 140,923 | 204,339 |
| SME | 2,695,283 | 5,077,956 | 7,773,239 | 2,424,699 | 5,148,398 | 7,573,097 |
| Individuals | 1,452,864 | 4,658,140 | 6,111,004 | 1,140,517 | 4,430,852 | 5,571,369 |
| Total | 22,428,076 | 34,435,973 | 56,864,049 | 19,303,733 | 35,758,930 | 55,062,663 |

As at 30 September 2021, loans to customers and finance leases in the amount of UAH 16,748,474 thousand were granted to the ten biggest borrowers/groups of Bank's related counterparties (29.45% of the total loans to customers); allowance for expected credit losses of UAH 534,087 thousand was made for these loans to customers and finance leases (2020: UAH 18,668,993 thousand, or 33.90% and the allowance for expected credit losses of UAH 622,077 thousand).

The loans are primarily granted to those customers which operate on the territory of Ukraine in the following industries:

| | 30 September 2021 | 31 December 2020 |
|---------------------------------|-------------------|-------------------|
| Electric power industry | 11,294,343 | 13,534,402 |
| Natural gas transportation | 6,455,445 | 7,401,626 |
| Individuals | 6,111,005 | 5,571,369 |
| Trade | 5,434,999 | 4,408,515 |
| Agriculture and food processing | 5,022,055 | 5,230,361 |
| Real estate | 3,951,282 | 4,120,271 |
| Transport | 3,850,104 | 3,461,568 |
| Production | 3,837,930 | 2,493,074 |
| Municipality | 2,792,925 | 2,982,728 |
| Construction | 2,688,605 | 723,154 |
| Metallurgy | 1,616,666 | 2,751,219 |
| Service sector | 1,446,587 | 1,328,744 |
| Financial services | 272,760 | 13,840 |
| Telecommunications | 33,464 | 28,688 |
| Other | 2,055,879 | 1,013,104 |
| Total | 56,864,049 | 55,062,663 |

(in thousands of Hryvnias, unless otherwise indicated)

In the table below, the loans to customers under finance leasing agreements are distributed by segments and terms:

| | 30 September 2021 | | | 31 December 2020 | | |
|--|-------------------|------------------|------------------|------------------|------------------|------------------|
| | Legal entities | SME | Total | Legal entities | SME | Total |
| Within one year | | | | | | |
| Finance leasing agreements | 1,116 | 60,938 | 62,054 | 3,214 | 167,245 | 170,459 |
| Less: expected credit losses | - | (150) | (150) | - | (282) | (282) |
| Short-term finance leasing agreements | 1,116 | 60,788 | 61,904 | 3,214 | 166,963 | 170,177 |
| More than one year | | | | | | |
| Finance leasing agreements | 34,942 | 1,751,253 | 1,786,195 | 113,160 | 1,389,258 | 1,502,418 |
| Less: expected credit losses | (1,188) | (18,078) | (19,266) | (13,876) | (57,976) | (71,852) |
| Long-term finance leasing agreements | 33,754 | 1,733,175 | 1,766,929 | 99,284 | 1,331,282 | 1,430,566 |
| Total finance leasing agreements | 34,870 | 1,793,963 | 1,828,833 | 102,498 | 1,498,245 | 1,600,743 |

The following table presents the provision structure on finance lease by industry and Bank's customer segment:

| | 30 September 2021 | | 31 December 2020 | |
|---------------------------------|-------------------|------------------|------------------|----------------|
| | Legal entities | SME | Legal entities | SME |
| Transport | 1,135 | 1,626,203 | 1,792 | 701,078 |
| Service sector | - | 96,782 | 63,818 | 98,845 |
| Production | 405 | 68,414 | 2,513 | 72,693 |
| Agriculture and food processing | 34,421 | - | 47,122 | - |
| Construction | - | 6,009 | - | 11,756 |
| Real estate | - | 5,453 | - | 6,522 |
| Other | 98 | 1,783 | 390 | 3,363 |
| Total | 36,059 | 1,804,644 | 115,635 | 894,257 |

The following table presents the analysis of finance lease receivables as at 30 September 2021, which is included in the legal entity and SME loan portfolio:

| | Within 1 year | From 1 year to 2 years | From 2 years to 3 years | From 3 years to 4 years | From 4 years to 5 years | Total |
|---|----------------|------------------------|-------------------------|-------------------------|-------------------------|------------------|
| Gross investments in finance leases | 951,310 | 779,249 | 312,676 | 145,668 | 40,239 | 2,229,142 |
| Foregone financial revenue from future finance leases | (213,500) | (123,293) | (43,853) | (16,551) | (3,112) | (400,309) |
| Net investments in finance leases | 737,810 | 655,956 | 268,823 | 129,117 | 37,127 | 1,828,833 |

The following table presents the analysis of finance lease receivables as at 31 December 2020, which is included in the legal entity and SME loan portfolio:

| | Within 1 year | From 1 year to 2 years | From 2 years to 3 years | From 3 years to 4 years | From 4 years to 5 years | Total |
|---|----------------|------------------------|-------------------------|-------------------------|-------------------------|------------------|
| Gross investments in finance leases | 886,581 | 617,936 | 472,081 | 75,962 | 15,675 | 2,068,235 |
| Foregone financial revenue from future finance leases | (237,894) | (142,815) | (72,780) | (12,059) | (1,944) | (467,492) |
| Net investments in finance leases | 648,687 | 475,121 | 399,301 | 63,903 | 13,731 | 1,600,743 |

*(in thousands of Hryvnias, unless otherwise indicated)***11. Investments at fair value through other comprehensive income**

Investments at fair value through other comprehensive income include:

| | 30 September 2021 | 31 December 2020 |
|---|------------------------------|-----------------------------|
| Ukrainian domestic government bonds (UDGB) | 29,296,083 | 43,625,889 |
| State Mortgage Institution bonds | 1,545,903 | 1,849,243 |
| Municipal bonds | 1,226,541 | 1,858,951 |
| Companies' shares | 11,327 | 11,328 |
| Deposit certificates issued by the National Bank of Ukraine | - | 3,000,983 |
| U.S. government bonds | - | 5,687,662 |
| Investments at fair value through other comprehensive income | 32,079,854 | 56,034,056 |

The Bank classifies overnight deposit certificates issued by the National Bank of Ukraine as cash and cash equivalents. Deposit certificates issued by the National Bank of Ukraine with other maturities are classified as investments at fair value through other comprehensive income.

At its own discretion, the Bank classified certain investments in equity instruments as equity instruments measured at fair value through other comprehensive income as these investment are not used for trading purposes.

The movement of gross carrying amount of investments at fair value through other comprehensive income includes:

| Investments at fair value through other comprehensive income | Stage 1 | Stage 2 | Stage 3 | Total |
|---|-------------------|----------------|------------------|----------------------|
| Gross carrying amount as at 1 January 2021 | 54,440,291 | - | 2,124,499 | 56,564,790 |
| New created and purchased assets | 253,870,590 | - | - | 253,870,590 |
| Assets repaid | (227,004,758) | - | (69,946) | (227,074,704) |
| Assets sold | (49,652,264) | - | - | (49,652,264) |
| Transfer to stage 1 | - | - | - | - |
| Transfer to stage 2 | - | - | - | - |
| Transfer to stage 3 | - | - | - | - |
| Unwinding of discount (recognized in interest revenue) | - | - | - | - |
| Reclassification | - | - | - | - |
| Write-off | - | - | - | - |
| Exchange differences | (1,005,298) | - | - | (1,005,298) |
| Gross carrying amount as at 30 September 2021 | 30,648,561 | - | 2,054,553 | 32,703,114 |

| Investments at fair value through other comprehensive income | Stage 1 | Stage 2 | Stage 3 | Total |
|---|-------------------|----------------|------------------|----------------------|
| Gross carrying amount as at 1 January 2020 | 30,509,614 | - | - | 30,509,614 |
| New created and purchased assets | 721,663,873 | - | - | 721,663,873 |
| Assets repaid | (657,160,909) | - | - | (657,160,909) |
| Assets sold | (42,562,488) | - | - | (42,562,488) |
| Transfer to stage 1 | - | - | - | - |
| Transfer to stage 2 | - | - | - | - |
| Transfer to stage 3 | (2,124,499) | - | 2,124,499 | - |
| Unwinding of discount (recognized in interest revenue) | - | - | - | - |
| Reclassification | - | - | - | - |
| Write-off | - | - | - | - |
| Exchange differences | 4,114,700 | - | - | 4,114,700 |
| Gross carrying amount as at 31 December 2020 | 54,440,291 | - | 2,124,499 | 56,564,790 |

(in thousands of Hryvnias, unless otherwise indicated)

Changes in expected credit losses for the nine months ended 30 September 2021 were as follows:

| <i>Investments at fair value through other comprehensive income</i> | Stage 1 | Stage 2 | Stage 3 | Total |
|--|----------------|----------------|----------------|-----------------|
| Expected credit losses as at 1 January 2021 | 266,806 | – | 275,256 | 542,062 |
| New created and purchased assets | 13,758 | – | – | 13,758 |
| Assets repaid | (20,103) | – | – | (20,103) |
| Assets sold | (84,759) | – | – | (84,759) |
| Transfer to stage 1 | – | – | – | – |
| Transfer to stage 2 | – | – | – | – |
| Transfer to stage 3 | – | – | – | – |
| Change of reserve | (43,498) | – | 233,395 | 189,897 |
| Write-off | – | – | – | – |
| Exchange differences | (6,268) | – | – | (6,268) |
| Expected credit losses as at 30 September 2021 | 125,936 | – | 508,651 | 634,587 |

Changes in expected credit losses for the nine months ended 30 September 2020 were as follows:

| <i>Investments at fair value through other comprehensive income</i> | Stage 1 | Stage 2 | Stage 3 | Total |
|--|----------------|----------------|----------------|-----------------|
| Expected credit losses as at 1 January 2020 | 110,635 | – | – | 110,635 |
| New created and purchased assets | 196,914 | – | – | 196,914 |
| Assets repaid | (12,342) | – | – | (12,342) |
| Assets sold | (25,809) | – | – | (25,809) |
| Transfer to stage 1 | – | – | – | – |
| Transfer to stage 2 | – | – | – | – |
| Transfer to stage 3 | – | – | – | – |
| Change of reserve | – | – | – | – |
| Write-off | – | – | – | – |
| Exchange differences | 18,994 | – | – | 18,994 |
| Expected credit losses as at 30 September 2020 | 288,392 | – | – | 288,392 |

As at 30 September 2021, UDGB with fair value of UAH 563,844 thousand (2020: UAH 593,694 thousand) were pledged for a long-term loan received from a credit institution (Note 20).

As at 30 September 2021, UDGB with fair value of UAH 1,397,695 thousand were received from the National Bank of Ukraine. As of 31 December 2020, such operations were absent (Note 19).

12. Investment property

The movement of investment property items was as follows:

| | 30 September 2021 | 31 December 2020 |
|---|------------------------------|-----------------------------|
| Carrying amount as at 1 January | 149,255 | 228,857 |
| Additions | – | – |
| Disposals | – | (75,526) |
| Transfer to property and equipment category | – | (4,734) |
| Fair value adjustment | – | 658 |
| Carrying amount as at 30 September/31 December | 149,255 | 149,255 |

Net income from investment property includes rental income in the amount of UAH 9,994 thousand (2020: UAH 12,493 thousand).

(in thousands of Hryvnias, unless otherwise indicated)

14. Right-of-use assets and lease liabilities

Right-of-use assets and lease liabilities include:

| | <i>Right-of-use assets</i> | | | | <i>Lease liability</i> |
|--------------------------------|----------------------------|--------------------------------|-----------------------|----------------|------------------------|
| | <i>Buildings</i> | <i>Furniture and equipment</i> | <i>Motor vehicles</i> | <i>Total</i> | |
| As at 1 January 2021 | 71,987 | 368 | 84,845 | 157,200 | 126,148 |
| Additions | 150,031 | - | - | 150,031 | 150,031 |
| Early termination | (6,696) | - | - | (6,696) | (7,418) |
| Depreciation expense | (42,206) | (221) | (18,171) | (60,598) | - |
| Interest expense | - | - | - | - | 14,317 |
| Payments | - | - | - | - | (69,250) |
| As at 30 September 2021 | 173,116 | 147 | 66,674 | 239,937 | 213,828 |

| | <i>Right-of-use assets</i> | | | | <i>Lease liability</i> |
|-------------------------------|----------------------------|--------------------------------|-----------------------|----------------|------------------------|
| | <i>Buildings</i> | <i>Furniture and equipment</i> | <i>Motor vehicles</i> | <i>Total</i> | |
| As at 1 January 2020 | 56,366 | 720 | 109,073 | 166,159 | 131,747 |
| Additions | 61,580 | - | - | 61,580 | 61,580 |
| Early termination | (4,247) | (13) | - | (4,260) | (4,542) |
| Depreciation expense | (41,712) | (339) | (24,228) | (66,279) | - |
| Interest expense | - | - | - | - | 23,542 |
| Payments | - | - | - | - | (86,179) |
| As at 31 December 2020 | 71,987 | 368 | 84,845 | 157,200 | 126,148 |

For the nine months ended 30 September 2021, the Bank recognized expenses on short-term leases, leases of low-value assets and variable lease payments in the amount of UAH 19,861 thousand (30 September 2020: 17,270 thousand).

For the nine months ended 30 September 2021, the total lease-related cash outflow amounted to UAH 89,111 thousand (30 September 2020: 80,376 thousand).

15. Other property

As at 30 September 2021, the carrying value of other property received as repayment of debts from the Bank's customers on non-performing loans was UAH 457,024 thousand (2020: UAH 770,248 thousand).

| <i>Carrying amount</i> | <i>Land plots</i> | <i>Non-residential property</i> | <i>Residential property</i> | <i>Ownership rights to real estate</i> | <i>Movables, furniture and equipment</i> | <i>Total</i> |
|---|-------------------|---------------------------------|-----------------------------|--|--|----------------|
| As at 1 January 2021 | 65,211 | 525,868 | 95,015 | 40,707 | 43,447 | 770,248 |
| Additions | - | 8,576 | - | - | 254 | 8,830 |
| Sale | (41,469) | (245,018) | (10,992) | - | (24,575) | (322,054) |
| As at 30 September 2021 | 23,742 | 289,426 | 84,023 | 40,707 | 19,126 | 457,024 |
| <i>Carrying amount</i> | <i>Land plots</i> | <i>Non-residential property</i> | <i>Residential property</i> | <i>Ownership rights to real estate</i> | <i>Movables, furniture and equipment</i> | <i>Total</i> |
| As at 1 January 2020 | 55,721 | 512,581 | 82,362 | 41,047 | 43,587 | 735,298 |
| Additions | 82 | 15,749 | 741 | - | - | 16,572 |
| Transfer from property and equipment category | 12,547 | 12,350 | 31,149 | - | - | 56,046 |
| Sale | (294) | (12,280) | (6,632) | - | - | (19,206) |
| Impairment | (2,845) | (2,532) | (12,605) | (340) | (140) | (18,462) |
| As at 31 December 2020 | 65,211 | 525,868 | 95,015 | 40,707 | 43,447 | 770,248 |

*(in thousands of Hryvnias, unless otherwise indicated)***16. Taxation**

Income tax expenses comprise:

| | 30 September 2021 | 30 September 2020 |
|---|------------------------------|------------------------------|
| Current income tax expenses | 460,812 | 132,065 |
| Changes in deferred taxes – origination and reversal of temporary differences | (80,222) | (131,675) |
| Deferred tax recognized in other comprehensive income | 93,860 | 135,467 |
| Income tax expense | 474,450 | 135,857 |

Reconciliation of the income tax expenses based on the current tax rates and actual income tax expense is as follows:

| | 30 September 2021 | 30 September 2020 |
|--|------------------------------|------------------------------|
| Profit before income tax | 2,222,237 | 821,045 |
| Statutory tax rate | 18% | 18% |
| Theoretical income tax expense at the statutory rate | 400,003 | 147,788 |
| Non-deductible expense for taxation | 74,447 | (12,296) |
| Adjustments of the tax base due to reassessment of temporary differences and changes in laws | – | 365 |
| Income tax expense | 474,450 | 135,857 |

As at 30 September 2021 and 30 September 2020, deferred tax assets and liabilities and their movements for the respective periods were as follows:

| | Origination and reversal of temporary differences | | | Origination and reversal of temporary differences | | |
|--|--|--------------------------|------------------------------|--|--------------------------|------------------------------|
| | <i>In the statement of profit or loss</i> | <i>Within equity</i> | 30 September 2021 | <i>In the statement of profit or loss</i> | <i>Within equity</i> | 30 September 2020 |
| Tax effect of non-taxable temporary differences | | | | | | |
| Assessment of investments at fair value through other comprehensive income | – | 93,860 | (3,365) | – | 135,467 | – |
| Property and equipment and intangible assets | (13,638) | – | 22,781 | (3,792) | – | 47,994 |
| Deferred tax assets/ (liabilities), gross | (13,638) | 93,860 | 19,416 | (3,792) | 135,467 | 47,994 |
| Deferred tax assets/ (liabilities) | (13,638) | 93,860 | 19,416 | (3,792) | 135,467 | 47,994 |
| Deferred tax assets/ (liabilities), net | (13,638) | 93,860 | 19,416 | (3,792) | 135,467 | 47,994 |

Preparation and provision of financial statements and corporate income tax returns is made at different periods. Consequently, financial and tax accounting may have minor differences. These differences will be reported in tax accounting in the next reporting period.

In compliance with the applicable tax laws, the tax base for corporate income tax is the Bank's financial result before tax as disclosed in the Bank's IFRS financial statements, adjusted for the differences provided for by the Tax Code of Ukraine. Thus, tax accounting is based on financial accounting with further tax adjustments for timely and accurate tax reporting.

*(in thousands of Hryvnias, unless otherwise indicated)***17. Provisions for legal risks**

Provisions for legal risks relate to other property of the Bank, which ownership rights are likely to be lost, and legal claims for which it is probable that the Bank will incur losses.

The change in provisions for legal risks was as follows:

| | <i>Provisions for legal risks</i> |
|--------------------------------|--|
| As at 1 January 2021 | 250,813 |
| Accrued | 4,426 |
| Write-off | (85) |
| As at 30 September 2021 | 255,154 |
| | <i>Provisions for legal risks</i> |
| As at 1 January 2020 | 252,932 |
| Accrued | (1,197) |
| Write-off | (1,651) |
| As at 30 September 2020 | 250,084 |

18. Other assets and liabilities

Other assets comprise:

| | <i>30 September 2021</i> | <i>31 December 2020</i> |
|--|-------------------------------------|------------------------------------|
| Other financial assets | | |
| Receivables for securities | 507,270 | 507,270 |
| Clearing payments for payment cards | 394,597 | 78,116 |
| Other income accrued | 99,308 | 117,634 |
| Other receivables for operations with banks | 4,999 | 7,407 |
| Receivables for operations with credit cards and international payment systems | 487 | 226 |
| Other | 14,464 | 10,427 |
| | 1,021,125 | 721,080 |
| Less: expected credit losses on other financial assets | (523,556) | (536,222) |
| Total other financial assets | 497,569 | 184,858 |
| Other non-financial assets | | |
| Prepayments | 194,194 | 203,001 |
| Receivables for property rights | 113,123 | 146,464 |
| Prepayments for the assets to be provided under finance leases | 70,733 | 280,627 |
| Cash and precious metals located in the temporarily occupied territory of the Autonomous Republic of Crimea and in the territories of Luhansk and Donetsk regions beyond Ukrainian control | 52,707 | 55,685 |
| Inventories | 20,648 | 31,783 |
| Receivables from employees | 10,771 | 11,275 |
| Taxes recoverable, other than income tax | 1,312 | 999 |
| Other | - | 330 |
| | 463,488 | 730,164 |
| Less: allowance for impairment on other non-financial assets | (180,637) | (185,671) |
| Total other non-financial assets | 282,851 | 544,493 |
| Total other assets | 780,420 | 729,351 |

(in thousands of Hryvnias, unless otherwise indicated)

Analysis of changes in the expected credit loss (ECL) allowance for other financial assets for the nine months ended 30 September 2021 is as follows:

| | Stage 1 | Stage 2 | Stage 3 | Total |
|---|----------------|----------------|----------------|-----------------------|
| As at 1 January 2021 | 1,337 | 1,894 | 532,991 | 536,222 |
| New assets originated or purchased | 816 | 574 | 187 | 1,577 |
| Assets repaid | (886) | (1,040) | (5,122) | (7,048) |
| Transfer to stage 1 | 36 | (31) | (5) | - |
| Transfer to stage 2 | (20) | 71 | (51) | - |
| Transfer to stage 3 | (112) | (343) | 455 | - |
| Changes in expected credit losses | (728) | (1,007) | 3,843 | 2,108 |
| <i>Total credit loss expense before transition difference</i> | <i>(894)</i> | <i>(1,776)</i> | <i>(693)</i> | <i>(3,363)</i> |
| Write-off | - | - | (9,033) | (9,033) |
| Exchange differences | (8) | (14) | (248) | (270) |
| As at 30 September 2021 | 435 | 104 | 523,017 | 523,556 |

Analysis of changes in the expected credit loss (ECL) allowance for other financial assets for the nine months ended 30 September 2020 is as follows:

| | Stage 1 | Stage 2 | Stage 3 | Total |
|---|----------------|----------------|----------------|---------------------|
| As at 1 January 2020 | 3,337 | 431 | 526,229 | 529,997 |
| New assets originated or purchased | 1,069 | 2,774 | 374 | 4,217 |
| Assets repaid | (1,270) | (818) | (2,435) | (4,523) |
| Transfer to stage 1 | 73 | (47) | (26) | - |
| Transfer to stage 2 | (141) | 193 | (52) | - |
| Transfer to stage 3 | (284) | (4,039) | 4,323 | - |
| Changes in expected credit losses | (1,763) | 2,497 | 4,468 | 5,202 |
| <i>Total credit loss expense before transition difference</i> | <i>(2,316)</i> | <i>560</i> | <i>6,652</i> | <i>4,896</i> |
| Write-off | (337) | (1) | (2,286) | (2,624) |
| Exchange differences | 94 | 13 | 2,875 | 2,982 |
| As at 30 September 2020 | 778 | 1,003 | 533,470 | 535,251 |

Analysis of changes in the impairment provision for other non-financial assets for the nine months ended 30 September 2021 is as follows:

| | Other assets |
|---|---------------------|
| As at 1 January 2021 | 185,671 |
| Accrued/(reversed) | (31,326) |
| <i>Total credit loss expense before transition difference</i> | <i>(31,326)</i> |
| Recovery | 29,998 |
| Amounts written off | (922) |
| Exchange differences | (2,784) |
| As at 30 September 2021 | 180,637 |

Analysis of changes in the impairment provision for other non-financial assets for the nine months ended 30 September 2020 is as follows:

| | Other assets |
|---|---------------------|
| As at 1 January 2020 | 177,049 |
| Accrued/(reversed) | 101 |
| <i>Total credit loss expense before transition difference</i> | <i>101</i> |
| Recovery | (418) |
| Exchange differences | 7,812 |
| As at 30 September 2020 | 184,544 |

(in thousands of Hryvnias, unless otherwise indicated)

Other liabilities comprise:

| | 30 September 2021 | 31 December 2020 |
|--|------------------------------|-----------------------------|
| Payables for operations with clients | 244,715 | 206,348 |
| Payables for operations with plastic cards | 228,006 | 192,656 |
| Accruals for unused vacations | 216,196 | 204,247 |
| Payables for operations with clients on purchase and sale of foreign currency, bank and precious metals | 140,472 | 79,473 |
| Payables for the assets to be provided under finance leases | 71,120 | 286,012 |
| Accounts payable for payments to employees | 66,808 | 4,705 |
| Accounts payable for operations with banks | 54,826 | 662 |
| Payments to the Individual Deposit Guarantee Fund | 51,444 | 50,571 |
| Deferred income | 25,703 | 21,054 |
| Accounts payable for taxes and compulsory payments, except for income tax | 24,340 | 37,889 |
| Accrued expenses for cash and settlements | 19,240 | 21,751 |
| Maintenance of premises | 5,499 | 5,063 |
| Communications | 5,184 | 5,320 |
| Repairs and maintenance of property and equipment | 2,829 | 1,259 |
| Rent of premises | 2,780 | 1,122 |
| Payables to plastic cards transactions processing center | 2,204 | 2,367 |
| Accounts payable for acquiring assets | - | 8,514 |
| Other | 69,793 | 35,785 |
| Other liabilities | 1,231,159 | 1,164,798 |

19. Due to the National Bank of Ukraine

Loans received from the National Bank of Ukraine include:

| | Maturity | 30 September 2021 | 31 December 2020 |
|---|-----------------|------------------------------|-----------------------------|
| Long-term refinancing borrowings from the National Bank of Ukraine | 9 January 2026 | 999,979 | - |
| Total borrowings from the National Bank of Ukraine | | 999,979 | - |

As at 30 September 2021, the interest rate on long-term loans obtained through refinancing was 8.5% per annum (2020: no transactions).

As at 30 September 2021, the discount rate of the National Bank of Ukraine was 8.5% (31 December 2020: 6.0%).

As at 30 September 2021 the following assets were pledged as collateral to secure loans from the National Bank of Ukraine (2020: no transactions):

| | Notes | 30 September 2021 | 31 December 2020 |
|------|--------------|------------------------------|-----------------------------|
| UDGB | 11 | 1,397,695 | - |

20. Due to credit institutions

Due to credit institutions comprise:

| | 30 September 2021 | 31 December 2020 |
|--|------------------------------|-----------------------------|
| Current accounts | 5,504,271 | 2,434,827 |
| Time deposits and loans | 2,619,217 | 3,164,521 |
| Other amounts due to credit institutions | 156,320 | 70,330 |
| Due to credit institutions | 8,279,808 | 5,669,678 |

(in thousands of Hryvnias, unless otherwise indicated)

As at 30 September 2021, the balance of due to credit institutions amounted to UAH 2,174,144 thousand (26.26%) raised from three banks (2020: balance amounted to UAH 2,659,180 thousand (46.90%) raised from three banks).

As at 30 September 2021, a long-term loan received from one credit institution was secured by the Ukrainian domestic government bonds with a fair value of UAH 563,844 thousand (2020: UAH 593,694 thousand) (Note 11).

21. Due to customers

Due to customers on operating segments comprise:

| | 30 September 2021 | 31 December 2020 |
|-------------------------|------------------------------|-----------------------------|
| Current accounts | | |
| Legal entities | 37,210,565 | 55,428,900 |
| SME | 5,634,534 | 5,482,405 |
| Individuals | 12,318,989 | 8,305,264 |
| | 55,164,088 | 69,216,569 |
| Time deposits | | |
| Legal entities | 16,235,350 | 29,892,202 |
| SME | 4,682,778 | 6,079,062 |
| Individuals | 15,042,528 | 21,310,876 |
| | 35,960,656 | 57,282,140 |
| Due to customers | 91,124,744 | 126,498,709 |

As at 30 September 2021, the amounts due to customers of UAH 22,912,121 thousand (25.14%) included the amounts due to ten largest customers of the Bank (2020: UAH 48,585,329 thousand (38.41%)).

As at 30 September 2021, the amounts due to budget organizations were UAH 6,296,386 thousand and included the amounts due to customers: UAH 6,292,456 thousand – in "Legal entities" (2020: UAH 752,756 thousand); UAH 3,930 thousand – in "SME" (2020: UAH 5,398 thousand).

The amounts due to customers by industry are summarized as follows:

| | 30 September 2021 | 31 December 2020 |
|---------------------------------|------------------------------|-----------------------------|
| Individuals | 27,437,941 | 29,691,691 |
| Service sector | 18,870,525 | 31,353,046 |
| Transport | 10,691,427 | 23,926,467 |
| Energy | 6,558,632 | 8,643,091 |
| Production | 6,081,535 | 5,564,106 |
| Metallurgy | 4,199,229 | 5,120,828 |
| Financial services | 3,839,152 | 5,188,030 |
| Trade | 3,608,442 | 5,664,156 |
| Agriculture and food processing | 2,815,259 | 3,246,035 |
| Insurance | 1,729,443 | 2,444,910 |
| Construction | 1,615,304 | 2,422,861 |
| Other | 3,677,855 | 3,233,488 |
| Due to customers | 91,124,744 | 126,498,709 |

As at 30 September 2021, the analysis of amounts due to customers by industry in terms of "Individuals" in the amount of UAH 27,437,941 thousand (2020: UAH 29,691,691 thousand) included a portion of amounts due to customers in terms of "SME" in the amount of UAH 76,424 thousand (2020: UAH 75,551 thousand).

As at 30 September 2021, category "Other" included the funds of non-resident legal entities of UAH 3,304,687 thousand (2020: UAH 3,105,597 thousand).

As at 30 September 2021, loans to customers were secured by amounts due to customers of UAH 1,598,549 thousand (2020: UAH 1,278,087 thousand) (Note 10).

As at 30 September 2021, amounts due to customers secured the financial commitments and contingencies in the

(in thousands of Hryvnias, unless otherwise indicated)

amount of UAH 6,777,011 thousand (2020: UAH 2,768,436 thousand) (Note 23).

22. Equity

Share capital

As at 30 September 2021, the authorized issued share capital comprised 13,836,522,922 ordinary shares and 477,078 preferred shares (2020: 13,836,522,922 ordinary shares and 477,078 preferred shares) with the nominal value of UAH 1 per share. Ordinary shares give rights to their holders to participate in the General Shareholders' Meetings, to receive dividends and, in case of liquidation of the Bank, to receive a portion of the Bank's property or its value in proportion to the value of the Bank's shares owned by them in the order and in accordance with the procedure stipulated by the legislation of Ukraine and the Bank's charter. The shareholders that own preferred shares have a right to vote in certain cases according to the charter and are entitled to receive annual fixed amounts of dividends, unless otherwise envisaged by law.

The number of issued and fully paid shares is as follows:

| | <i>Number of shares, thousand</i> | | <i>Nominal value, thousand UAH</i> | | <i>Nominal value, thousand UAH</i> | <i>Total, thousand UAH</i> |
|--------------------------------|---------------------------------------|------------------|--|------------------|--|--------------------------------|
| | <i>Ordinary</i> | <i>Preferred</i> | <i>Ordinary</i> | <i>Preferred</i> | | |
| As at 31 December 2019 | 13,836,523 | 477 | 13,836,523 | 477 | 13,837,000 | 13,837,000 |
| Issued and registered shares | - | - | - | - | - | - |
| As at 31 December 2020 | 13,836,523 | 477 | 13,836,523 | 477 | 13,837,000 | 13,837,000 |
| Issued and registered shares | - | - | - | - | - | - |
| As at 30 September 2021 | 13,836,523 | 477 | 13,836,523 | 477 | 13,837,000 | 13,837,000 |

The Bank creates a reserve fund to cover unforeseen losses on all items of assets and off-balance liabilities. The amount of transfers to the reserve fund should be not less than 5% of the Bank's profit until it reaches 25% of the Bank's regulatory capital. As at 30 September 2021, the Bank's reserve fund amounted to UAH 590,676 thousand (2020: UAH 549,572 thousand).

If as a result of the Bank's operations the amount of its regulatory capital decreases to the amount below its share capital, then annual charges to the reserve fund should be 10% of the Bank's net profit until it reaches 35% of the Bank's share capital.

Movements in other reserves

Movements in other reserves were as follows:

| | <i>Property and equipment revaluation reserve</i> | <i>Revaluation reserve for investments at fair value through other comprehensive income</i> | <i>Total</i> |
|---|---|---|------------------|
| As at 1 January 2020 | 215,722 | 615,264 | 830,986 |
| Revaluation of property and equipment | 70,090 | - | 70,090 |
| Income tax related to revaluation of property and equipment | (12,586) | - | (12,586) |
| Net change in fair value of debt instruments at fair value through other comprehensive income | - | (534,733) | (534,733) |
| Reclassification of cumulative (gain)/loss on disposal of debt instruments at fair value through other comprehensive income to profit or loss | - | (148,404) | (148,404) |
| Changes in allowance for expected credit losses of debt instruments at fair value through other comprehensive income | - | 470,699 | 470,699 |
| Income tax associated with revaluation of securities | - | 38,242 | 38,242 |
| Transfer of accumulated revaluation reserve on disposal of equity instruments at fair value through other comprehensive income | - | (64) | (64) |

(in thousands of Hryvnias, unless otherwise indicated)

| | Property and equipment revaluation reserve | Revaluation reserve for investments at fair value through other comprehensive income | Total |
|---|---|---|------------------|
| Transfer as a result of retirement of assets | (26,662) | (14) | (26,676) |
| As at 31 December 2020 | 246,564 | 440,990 | 687,554 |
| Net change in fair value of debt instruments at fair value through other comprehensive income | - | (497,380) | (497,380) |
| Reclassification of cumulative (gain)/loss on disposal of debt instruments at fair value through other comprehensive income to profit or loss | - | (227,723) | (227,723) |
| Changes in allowance for expected credit losses of debt instruments at fair value through other comprehensive income | - | 203,656 | 203,656 |
| Income tax associated with revaluation of securities | - | 93,860 | 93,860 |
| Transfer of accumulated revaluation reserve on disposal of equity instruments at fair value through other comprehensive income | - | - | - |
| Transfer as a result of retirement of assets | (803) | - | (803) |
| As at 30 September 2021 | 245,761 | 13,403 | 259,164 |

23. Commitments and contingencies

Legal issues

In the ordinary course of business, the Bank is subject to legal actions and complaints. The Bank's management believes that the final amount of the liabilities, which may arise from legal proceedings, will not have a material adverse effect on the Bank's financial position or the results of its future operations (Note 17).

Taxation

The Ukrainian tax system is characterized by numerous taxes and frequent changes in the legislation. Tax regulations are often unclear, open to wide interpretation and, in some instances, are controversial. Instances of inconsistent tax law treatment among the fiscal authorities, authorized institutions, entities and other government bodies are not infrequent. Tax returns are subject to review and investigation by a number of authorities that are authorized to impose penalties and interest charges. These facts expose entities operating in Ukraine to more significant risks than those in the countries with more developed tax systems.

Management believes that it has complied with all existing tax legislation requirements. However, no certainties exist that the tax authorities would not apply other approach to the Bank's compliance with the effective tax legislation and further impose fines and penalties.

Commitments and contingencies

As at 30 September 2021 and 2020, contractual commitments and contingencies were as follows:

| | 30 September 2021 | 31 December 2020 |
|--------------------------------------|------------------------------|-----------------------------|
| Credit-related commitments | | |
| Financial guarantees | 9,099,446 | 3,937,311 |
| Loan commitments | 2,858,504 | 1,428,680 |
| Letters of credit | 4,825,051 | 3,376,515 |
| Guarantees on bills | 28,295 | - |
| | 16,811,296 | 8,742,506 |
| Performance guarantees | 1,347,484 | 2,253,556 |
| | 1,347,484 | 2,253,556 |
| Commitments and contingencies | 18,158,780 | 10,996,062 |

(in thousands of Hryvnias, unless otherwise indicated)

As at 30 September 2021 and 31 December 2020, loan commitments are represented by revocable commitments to the Bank's strategic customers.

Changes in the expected credit loss allowance for financial guarantees for the nine months ended 30 September 2021 were as follows:

| Legal entities | Stage 1 | Stage 2 | Stage 3 | Total |
|---|----------------|----------------|----------------|----------------|
| As at 1 January 2021 | 30,298 | 9,223 | - | 39,521 |
| New guarantees | 111,891 | 55,206 | - | 167,097 |
| Expired guarantees | (4,465) | (67,859) | - | (72,324) |
| Transfer to stage 1 | 3,309 | (3,309) | - | - |
| Transfer to stage 2 | (355,435) | 355,435 | - | - |
| Transfer to stage 3 | - | - | - | - |
| Change of reserve | 252,228 | (216,095) | - | 36,133 |
| <i>Total credit loss expense before transition difference</i> | <i>7,528</i> | <i>123,378</i> | <i>-</i> | <i>130,906</i> |
| Exchange differences | (242) | (6,479) | - | (6,721) |
| As at 30 September 2021 | 37,584 | 126,122 | - | 163,706 |

| SME | Stage 1 | Stage 2 | Stage 3 | Total |
|---|----------------|----------------|----------------|--------------|
| As at 1 January 2021 | 367 | - | 8 | 375 |
| New guarantees | 4 | - | - | 4 |
| Expired guarantees | (7) | - | (7) | (14) |
| Transfer to stage 1 | - | - | - | - |
| Transfer to stage 2 | - | - | - | - |
| Transfer to stage 3 | - | - | - | - |
| Change of reserve | (176) | - | - | (176) |
| <i>Total credit loss expense before transition difference</i> | <i>(179)</i> | <i>-</i> | <i>(7)</i> | <i>(186)</i> |
| Exchange differences | (2) | - | - | (2) |
| As at 30 September 2021 | 186 | - | 1 | 187 |

Changes in the expected credit loss allowance for financial guarantees for the nine months ended 30 September 2020 were as follows:

| Legal entities | Stage 1 | Stage 2 | Stage 3 | Total |
|---|----------------|----------------|------------------|-----------------|
| As at 1 January 2020 | 8,201 | 25 | 112,570 | 120,796 |
| New guarantees | 113,274 | - | 385 | 113,659 |
| Expired guarantees | (76,772) | (4,581) | (142,589) | (223,942) |
| Transfer to stage 1 | - | - | - | - |
| Transfer to stage 2 | (27,858) | 27,858 | - | - |
| Transfer to stage 3 | - | - | - | - |
| Change of reserve | 17,526 | 1,161 | 3,263 | 21,950 |
| <i>Total credit loss expense before transition difference</i> | <i>26,170</i> | <i>24,438</i> | <i>(138,941)</i> | <i>(88,333)</i> |
| Exchange differences | 1,884 | 881 | 26,371 | 29,136 |
| As at 30 September 2020 | 36,255 | 25,344 | - | 61,599 |

| SME | Stage 1 | Stage 2 | Stage 3 | Total |
|---|----------------|----------------|----------------|--------------|
| As at 1 January 2020 | - | - | - | - |
| New guarantees | 578 | - | - | 578 |
| Expired guarantees | - | - | - | - |
| Transfer to stage 1 | - | - | - | - |
| Transfer to stage 2 | (17) | 17 | - | - |
| Transfer to stage 3 | - | - | - | - |
| Change of reserve | 28 | (2) | - | 26 |
| <i>Total credit loss expense before transition difference</i> | <i>589</i> | <i>15</i> | <i>-</i> | <i>604</i> |
| Exchange differences | 4 | - | - | 4 |
| As at 30 September 2020 | 593 | 15 | - | 608 |

(in thousands of Hryvnias, unless otherwise indicated)

Changes in allowances for expected credit losses under performance guarantees for the nine months ended 30 September 2021 were as follows:

| Legal entities | Total |
|---|--------------|
| As at 1 January 2021 | 5,780 |
| Accrued/(reversed) | (2,085) |
| <i>Total credit loss expense before transition difference</i> | (2,085) |
| Exchange differences | (264) |
| As at 30 September 2021 | 3,431 |

| SME | Total |
|---|--------------|
| As at 1 January 2021 | 20 |
| Accrued/(reversed) | 30 |
| <i>Total credit loss expense before transition difference</i> | 30 |
| Exchange differences | - |
| As at 30 September 2021 | 50 |

Changes in allowances for expected credit losses under performance guarantees for the nine months ended 30 September 2020 were as follows:

| Legal entities | Total |
|---|---------------|
| As at 1 January 2020 | 4,922 |
| Accrued/(reversed) | 4,463 |
| <i>Total credit loss expense before transition difference</i> | 4,463 |
| Exchange differences | 618 |
| As at 30 September 2020 | 10,003 |

| SME | Total |
|---|--------------|
| As at 1 January 2020 | - |
| Accrued/(reversed) | 26 |
| <i>Total credit loss expense before transition difference</i> | 26 |
| Exchange differences | - |
| As at 30 September 2020 | 26 |

Below is the analysis of changes in allowances for expected credit losses under the loan commitments for the nine months ended 30 September 2021:

| Legal entities | Stage 1 | Stage 2 | Stage 3 | Total |
|---|----------------|----------------|----------------|----------------|
| As at 1 January 2021 | - | 56,640 | 45,257 | 101,897 |
| New loan commitments | - | 6,055 | - | 6,055 |
| Expired loan commitments | - | (1,624) | - | (1,624) |
| Transfer to stage 1 | - | - | - | - |
| Transfer to stage 2 | (10,573) | 10,573 | - | - |
| Transfer to stage 3 | - | - | - | - |
| Change of reserve | 10,573 | 195,783 | (45,257) | 161,099 |
| <i>Total credit loss expense before transition difference</i> | - | 210,787 | (45,257) | 165,530 |
| Exchange differences | - | (326) | - | (326) |
| As at 30 September 2021 | - | 267,101 | - | 267,101 |

(in thousands of Hryvnias, unless otherwise indicated)

| SME | Stage 1 | Stage 2 | Stage 3 | Total |
|---|----------------|----------------|----------------|--------------|
| As at 1 January 2021 | - | 24 | 714 | 738 |
| New loan commitments | - | - | 12,521 | 12,521 |
| Expired loan commitments | - | (3) | (967) | (970) |
| Transfer to stage 1 | - | - | - | - |
| Transfer to stage 2 | (11) | 11 | - | - |
| Transfer to stage 3 | (7,090) | (3) | 7,093 | - |
| Change of reserve | 7,101 | (29) | (12,511) | (5,439) |
| <i>Total credit loss expense before transition difference</i> | - | (24) | 6,136 | 6,112 |
| Exchange differences | - | - | (799) | (799) |
| As at 30 September 2021 | - | - | 6,051 | 6,051 |

| Individuals | Stage 1 | Stage 2 | Stage 3 | Total |
|---|----------------|----------------|----------------|--------------|
| As at 1 January 2021 | - | - | 6,966 | 6,966 |
| New loan commitments | - | - | 58 | 58 |
| Expired loan commitments | - | - | (2,480) | (2,480) |
| Transfer to stage 1 | - | - | - | - |
| Transfer to stage 2 | (6) | 6 | - | - |
| Transfer to stage 3 | (774) | (2,470) | 3,244 | - |
| Change of reserve | 780 | 2,466 | (301) | 2,945 |
| <i>Total credit loss expense before transition difference</i> | - | 2 | 521 | 523 |
| Exchange differences | - | - | (236) | (236) |
| As at 30 September 2021 | - | 2 | 7,251 | 7,253 |

Below is the analysis of changes in allowances for expected credit losses under the loan commitments for the nine months ended 30 September 2020:

| Legal entities | Stage 1 | Stage 2 | Stage 3 | Total |
|---|----------------|----------------|----------------|--------------|
| As at 1 January 2020 | 85,078 | 46 | 6,082 | 91,206 |
| New loan commitments | 182 | 44 | 3 | 229 |
| Expired loan commitments | (45,445) | (1) | - | (45,446) |
| Transfer to stage 1 | - | - | - | - |
| Transfer to stage 2 | (2,234) | 2,234 | - | - |
| Transfer to stage 3 | - | (3) | 3 | - |
| Change of reserve | (37,451) | (191) | (6,507) | (44,149) |
| <i>Total credit loss expense before transition difference</i> | (84,948) | 2,083 | (6,501) | (89,366) |
| Exchange differences | - | - | 2,677 | 2,677 |
| As at 30 September 2020 | 130 | 2,129 | 2,258 | 4,517 |

| SME | Stage 1 | Stage 2 | Stage 3 | Total |
|---|----------------|----------------|----------------|--------------|
| As at 1 January 2020 | - | 47 | 3 | 50 |
| New loan commitments | 2 | - | 6,822 | 6,824 |
| Expired loan commitments | (4) | - | - | (4) |
| Transfer to stage 1 | - | - | - | - |
| Transfer to stage 2 | (379) | 379 | - | - |
| Transfer to stage 3 | - | - | - | - |
| Change of reserve | 382 | (412) | (3,677) | (3,707) |
| <i>Total credit loss expense before transition difference</i> | 1 | (33) | 3,145 | 3,113 |
| Exchange differences | - | (15) | 125 | 110 |
| As at 30 September 2020 | 1 | (1) | 3,273 | 3,273 |

(in thousands of Hryvnias, unless otherwise indicated)

| <i>Individuals</i> | <i>Stage 1</i> | <i>Stage 2</i> | <i>Stage 3</i> | <i>Total</i> |
|---|----------------|----------------|----------------|--------------|
| As at 1 January 2020 | - | 1 | 9,042 | 9,043 |
| New loan commitments | - | - | 63 | 63 |
| Expired loan commitments | - | - | (1,304) | (1,304) |
| Transfer to stage 1 | - | - | - | - |
| Transfer to stage 2 | (2) | 2 | - | - |
| Transfer to stage 3 | (370) | (1,759) | 2,129 | - |
| Change of reserve | 372 | 1,756 | (3,076) | (948) |
| <i>Total credit loss expense before transition difference</i> | - | (1) | (2,188) | (2,189) |
| Exchange differences | - | - | 899 | 899 |
| As at 30 September 2020 | - | - | 7,753 | 7,753 |

Provisions for claims, guarantees and commitments are recorded as liabilities.

As at 30 September 2021, financial commitments and contingencies were secured by cash collateral in the amount of UAH 6,777,011 thousand (2020: UAH 2,768,436 thousand) (Note 21).

24. Net fee and commission income

Net fee and commission income comprised:

| | <i>For the nine months, ended 30 September 2021</i> | <i>For the nine months, ended 30 September 2020</i> |
|---|---|---|
| Settlements | 1,105,841 | 763,017 |
| Guarantees and letters of credit | 198,241 | 107,220 |
| Loan servicing to customers | 163,933 | 136,143 |
| Agent operations in the foreign exchange market | 123,971 | 99,633 |
| Transactions with securities | 7,547 | 11,785 |
| Other | 21,884 | 18,321 |
| Fee and commission income | 1,621,417 | 1,136,119 |
| Settlements | (404,389) | (220,809) |
| Guarantees and letters of credit | (83,530) | (35,610) |
| Agent operations in the foreign exchange market | (14,919) | (6,949) |
| Other | (10,190) | (4,054) |
| Fee and commission expense | (513,028) | (267,422) |
| Net fee and commission income | 1,108,389 | 868,697 |

25. Net gains on foreign exchange operations and precious metals

Net gains on foreign exchange operations and precious metals comprise:

| | <i>For the nine months, ended 30 September 2021</i> | <i>For the nine months, ended 30 September 2020</i> |
|---|---|---|
| Dealing | 21,494 | (9,473) |
| Translation differences | 69,058 | 191,467 |
| Net gains on foreign exchange operations and precious metals | 90,552 | 181,994 |

*(in thousands of Hryvnias, unless otherwise indicated)***26. Other income**

Other income comprised:

| | <i>For the nine months, ended 30 September 2021</i> | <i>For the nine months, ended 30 September 2020</i> |
|--|---|---|
| Fees from insurance companies and banks | 45,979 | 87,648 |
| Positive result from sale of assets held for sale and other property | 72,633 | 1,924 |
| Recovery of expenses under financial lease agreements | 42,775 | – |
| Recovery of previously written-off assets | 18,194 | 6,510 |
| Penalties received and other fees for overdue payments under loan agreements | 8,759 | 21,380 |
| Gain on marketing support services | 14,251 | 3,059 |
| Compensation costs for utilities of premises leased | 4,474 | 5,513 |
| Recovery of litigation expenses | 2,891 | 1,996 |
| Recovery of registration costs | 2,604 | 1,522 |
| Surplus cash collection at ATMs | 1,735 | 1,491 |
| Gain from acquired ownership of due to customers | 334 | 639 |
| Positive result from sale of property and equipment and intangible assets | 261 | 37,620 |
| Other | 11,335 | 17,722 |
| Total other income | 226,225 | 187,023 |

There are cases in the Bank's operations when the accounts, which are to be closed, have balances left unclaimed by the customers. "Gain from acquired ownership of the amounts due to customers" includes the customer funds that the Bank recognized as income in accordance with the Civil Code of Ukraine because of expired ownership of the balances.

27. Changes in expected credit losses

The table below discloses the expected credit loss expenses for the financial instruments recorded in the statement of profit or loss and other comprehensive income for the nine months ended 30 September 2021:

| | <i>Notes</i> | <i>Stage 1</i> | <i>Stage 2</i> | <i>Stage 3</i> | <i>POCI</i> | <i>Total</i> |
|--|--------------|------------------|----------------|----------------|----------------|------------------|
| Cash and cash equivalents | 7 | 2,963 | – | – | – | 2,963 |
| Due from credit institutions | 8 | (56) | – | – | – | (56) |
| Loans to customers and finance leases | 10 | (135,625) | 471,302 | 222,389 | (8,834) | 549,232 |
| Investments at fair value through other comprehensive income | 11 | (29,740) | – | 233,395 | – | 203,655 |
| Recovery of previously written-off customer loans | – | – | – | (1,389) | – | (1,389) |
| Other financial assets | 18 | (894) | (1,776) | (693) | – | (3,363) |
| Financial guarantees | 23 | 7,349 | 123,378 | (7) | – | 130,720 |
| Loan commitments | 23 | – | 210,766 | (38,601) | – | 172,165 |
| Total credit loss expense | | (156,003) | 803,670 | 415,094 | (8,834) | 1,053,927 |

The statement of profit or loss and other comprehensive income for the nine months ended 30 September 2021 also includes changes in the following other provisions:

- ▶ Reversal of provisions for other non-financial assets in the amount of UAH (31,326) thousand (Note 18);
- ▶ Creation of provisions for legal risks in the amount of UAH 4,426 thousand (Note 17);
- ▶ Reversal of provisions on performance guarantees in the amount of UAH (2,055) thousand (Note 23).

The table below discloses the expected credit loss expenses for the financial instruments recorded in the statement of profit or loss and other comprehensive income for the nine months ended 30 September 2020:

(in thousands of Hryvnias, unless otherwise indicated)

| | <i>Notes</i> | <i>Stage 1</i> | <i>Stage 2</i> | <i>Stage 3</i> | <i>POCI</i> | <i>Total</i> |
|--|--------------|----------------|----------------|------------------|---------------|-----------------|
| Cash and cash equivalents | 7 | (690) | - | - | - | (690) |
| Due from credit institutions | 8 | 104 | - | - | - | 104 |
| Loans to customers and finance leases | 10 | 56,298 | 591,116 | (2,203) | 25,195 | 670,406 |
| Investments at fair value through other comprehensive income | 11 | 196,914 | - | - | - | 196,914 |
| Favorable changes in expected credit losses on loans | | - | - | (307) | - | (307) |
| Other financial assets | 18 | (2,316) | 560 | 6,652 | - | 4,896 |
| Financial guarantees | 23 | 26,759 | 24,453 | (138,941) | - | (87,729) |
| Loan commitments | 23 | (84,947) | 2,049 | (5,544) | - | (88,442) |
| Total credit loss expense | | 192,122 | 618,178 | (140,343) | 25,195 | 695,152 |

The statement of profit or loss and other comprehensive income for the nine months ended 30 September 2020 also includes changes in the following other provisions:

- ▶ Creation of provisions for other non-financial assets in the amount of UAH 101 thousand (Note 18);
- ▶ Reversal of provisions for legal risks in the amount of UAH (1,197) thousand (Note 17);
- ▶ Creation of provisions on performance guarantees in the amount of UAH 4,489 thousand (Note 23).

28. Staff costs and other operating expense

Staff costs and other operating expense comprise:

| | <i>For the nine months, ended 30 September 2021</i> | <i>For the nine months, ended 30 September 2020</i> |
|---|---|---|
| Salaries and bonuses | 1,151,886 | 1,084,192 |
| Payroll | 233,776 | 204,268 |
| Other staff costs | 68,006 | 69,463 |
| Staff costs | 1,453,668 | 1,357,923 |
| Payments to the Individual Deposit Guarantee Fund | 159,590 | 151,134 |
| Communications | 126,550 | 94,936 |
| Repairs and maintenance of property and equipment | 104,154 | 98,168 |
| Professional services | 71,781 | 83,439 |
| Taxes, other than income tax | 66,651 | 48,566 |
| Lease and maintenance of premises | 47,581 | 45,955 |
| Software support | 46,442 | 38,578 |
| Security | 32,574 | 28,576 |
| Office supplies | 40,920 | 47,109 |
| Encashment | 18,072 | 16,577 |
| Marketing and advertising | 14,353 | 25,133 |
| Charity | 10,378 | 17,906 |
| Business trips | 1,078 | 1,417 |
| Fines and penalties | 82 | 275 |
| Reward to partners for attraction of customers | - | 43 |
| Other | 62,027 | 25,168 |
| Other operating expense | 802,233 | 722,980 |

(in thousands of Hryvnias, unless otherwise indicated)

29. Risk management

The Bank's risk management system is based on the Bank's size, business model, business scale, types and complexity of operations. The risk management system includes: risk identification, risk measurement (assessment), risk monitoring, risk reporting, risk control, and mitigation of all significant risks for the Bank to be able to measure the capital amount required to cover all significant risks inherent in the Bank's operations.

The risk management system is based on the distribution of obligations between the Bank's divisions with application of a model of three security lines:

- ▶ First line – at the level of business divisions and Bank's operation support divisions;
- ▶ Second line – at the level of risk management divisions, including the department of risk management and social and environmental risk management, and the department of compliance;
- ▶ Third line – at the level of the internal audit department in relation to inspection and assessment of the risk management system efficiency.

Risk management structure

Supervisory Board

The Supervisory Board outlines and approves the risk management strategy, credit policy, risk appetite statement, individual risk management policies, going concern procurement plan, plan for financing in crisis situations, strategy and operational plan for management of non-performing assets and foreclosed property, determines the risk appetite and sets risk limits, recognizes the sources of capitalization and other Bank's financing, considers reporting on the Bank's risk profile, reviews the results of stress-testing, approves CRO's appointment and dismissal, identifies cases of CRO's prohibition (veto), ensures the functioning of the risk management system and control over its effectiveness.

Risk Management Committee of the Supervisory Board

The Risk Management Committee of the Supervisory Board ensures the availability and updates of the internal regulations governing the Bank's risk management process and credit policy, regularly monitors and analyses the current profile of risks assumed by the Bank, monitors the compliance with the risk appetite amounts specified in the risk appetite statement.

Management Board

The Management Board is responsible for the overall risk management and for implementation of risk strategies and principles approved by the Supervisory Board. The Management Board delegates the operational risk management authority to the Bank's collegial structures and sets the authority limits for such collegial structures.

Collegial structures of the Management Board

Credit Council, Credit Committee, Committee for Methodological Support of Retail, Small and Microbusiness Risk Management, Commission for Problem Borrowers, Commission for Monitoring of Credit Operations of Clients, Credit Commissions of Directories manage the credit risk within the limits of authorities delegated to them by the Management Board.

The Assets and Liabilities Management Committee manages the liquidity risk, interest rate risk and market risk within the limits of authorities delegated by the Management Board.

The Operational Risk Management Committee manages the operational risk within the limits of authorities delegated by the Management Board.

The Information Security Management Committee manages the information risk as a component of the operational risk within the limits of authorities delegated by the Management Board.

CRO (Chief Risk Officer) and its subordinate risk management divisions

The CRO and its subordinate risk management divisions ensure timely identification, measurement, monitoring, control and reporting of significant risks, prepare and submit risk reports to the Supervisory Board, Risk Management Committee of the Supervisory Board, Management Board, collegial structures of the Management Board, develop and update the Bank's methodology, risk assessment tools and models, ensure coordination of risk management related work with other structural units of the Bank, calculate the Bank's risk profile, provide monitoring and prevention of violations of risk appetite amounts and risk limits, control the approximation of risk indicators to the approved risk amounts and risk limits and initiate measures to prevent their violations, carry out stress testing, prepare conclusions for adoption of credit

(in thousands of Hryvnias, unless otherwise indicated)

decisions both for new loans and for making changes to the conditions of the existing loans, prepare conclusions on the risks inherent in new products before their introduction for the appropriate management decisions to be taken.

Risk appetite statement

The Bank determines (declares) the aggregate risk appetite by setting the aggregate risk limits and the risk appetite for individual risks by setting risk limits for significant risks, which are defined by the Risk Management Strategy currently effective at JSB "UKRGASBANK":

- ▶ Credit risk;
- ▶ Liquidity risk;
- ▶ Interest rate risk;
- ▶ Market risks;
- ▶ Operational risk;
- ▶ Compliance risk;
- ▶ Environmental risk;
- ▶ Social risk.

The statement is based on the assumptions underlying the Bank's Budget, taking into account the prudential requirements of the National Bank of Ukraine (including those set for systemically important banks) and covenants, which the Bank has undertaken to comply with according to the agreements with international financial institutions.

The aggregate risk appetite includes the requirements to maintain the target credit rating on an international scale, comply with capital ratios and capital buffers, including with due consideration of expected changes in prudential and regulatory requirements.

Risk appetite for credit risk includes a system of indicators to control the quality of the loan portfolio (a portion of non-performing assets and foreclosed property), the value of credit risk, the limit of risk concentration by largest borrowers, industries and more.

Risk appetite for liquidity risk includes minimum liquidity coverage ratios (LCRs) in all currencies and separately in foreign currencies, a net stable funding ratio (NSFR), and the limit of risk concentration in liabilities.

Risk appetite for interest rate risk includes the sensitivity of net interest income and the economic value of capital to parallel/non-parallel shifts in yield curves in major currencies.

Risk appetite for market risks is set as the maximum values of items sensitive to market risk and as the value at risk calculated using a parametric model based on Student's t-distribution with 7 degrees of freedom with a confidence interval of 99% over the horizon of 10 trading days.

Risk appetite for operational risk is set as the maximum amount of direct losses from the occurrence of operational risk at the year-end. At the same time, regardless of the cost of the incident and the amount of potential damage, the Bank has established zero tolerance for operational risks associated with incidents of internal fraud, negligence, disruption of the continuity of critical business processes.

Credit risk

Credit risk is the risk that the Bank will incur damage or incremental loss or suffer shortfall in expected profit, because its borrower/counterparty failed to discharge its contractual obligations.

The Supervisory Board approved the Credit Policy, which defines the main areas of lending and regulates the basic principles and conditions for assuming the credit risk. To manage the risk of concentration of the loan portfolio, the Bank monitors the loan portfolio structure and, if necessary, sets the appropriate limits.

As at 30 September 2021, the total amount of indebtedness under loan agreements and off-balance sheet liabilities, guarantees and letters of credit, which the Bank recognized as non-performing, amounted to UAH 6,385,272 thousand (2020: UAH 7,129,759 thousand), including

- ▶ bad debts in the amount of UAH 3,841,618 thousand (2020: UAH 4,517,016 thousand);
- ▶ indebtedness, for which the Bank expects repayment due to restructuring in the amount of UAH 2,543,654 thousand (2020: UAH 2,612,743 thousand).

*(in thousands of Hryvnias, unless otherwise indicated)**Derivative financial instruments*

Credit risk arising from derivative financial instruments is limited to their nominal amount under the applicable contracts.

Credit-related commitment risks

The Bank makes guarantees available to its customers, which provide that the Bank should make payments on their behalf. Such payments are collected from customers based on the terms of the letters of credit. These guarantees expose the Bank to the risks similar to credit risks, which are mitigated by using the same control processes and policies.

For more detail on the maximum exposure to credit risk for each class of financial instrument, references shall be made to the specific notes.

As at 30 September 2021, the credit rating of Ukraine, according to the international rating agencies, was B (2020: B). The Bank uses the following approach to determining the rating based on the ratings of several international rating agencies:

- ▶ If there are two different ratings, the rating of the rating agency that is lower is taken into account;
- ▶ If there are three different ratings, the rating of the rating agency that is the lower of the two highest ones is taken into account.

Investments at fair value through other comprehensive income, in particular: Ukrainian domestic government bonds and unrated municipal bonds, were assigned by the Bank to the B level category in accordance with the sovereign credit rating of Ukraine.

Other balances of cash and cash equivalents, due from credit institutions and investments at fair value through other comprehensive income are classified with reference to the current credit ratings assigned by the international rating agencies. In the event a counterparty does not have an international rating assigned to it at the reporting date, the Bank used the ratings assigned to the parent companies by the international rating agencies, and if the counterparty is owned by the government or the state, the corresponding sovereign rating of the owner's country was used. The highest possible rating is AAA. The investment grade of financial assets corresponds to ratings from AAA to BBB-. The financial assets, which have ratings lower than BBB-, are classified as a speculative grade according to the acceptable international practice.

The following table details the credit ratings of the Bank's financial assets:

| | AAA – A | BBB – B | Lower than B | Unrated | 30 September 2021 |
|---|----------------|----------------|---------------------|----------------|------------------------------|
| Cash and cash equivalents (other than cash on hand) | 14,644,506 | 6,022,451 | 3,739,621 | – | 24,406,578 |
| Due from credit institutions | – | 101,758 | – | 1,029,671 | 1,131,429 |
| Derivative financial assets | 1,505 | 3,635 | – | 806 | 5,946 |
| Investments at fair value through other comprehensive income | 15 | 32,075,186 | – | 4,653 | 32,079,854 |

As at 31 December 2020, the classification of the Bank's financial assets by credit ratings is as follows:

| | AAA – A | BBB – B | Lower than B | Unrated | 31 December 2020 |
|---|----------------|----------------|---------------------|----------------|-----------------------------|
| Cash and cash equivalents (other than cash on hand) | 15,589,507 | 17,016,564 | – | – | 32,606,071 |
| Due from credit institutions | – | 21,880 | – | 639,611 | 661,491 |
| Derivative financial assets | 103 | 244 | – | 4,839 | 5,186 |
| Investments at fair value through other comprehensive income | 5,687,678 | 50,072,158 | – | 274,220 | 56,034,056 |

Impairment assessment

The Bank calculates the expected credit losses based on several probability-weighted scenarios to measure the expected cash shortfalls discounted using EIR. Cash shortfall is the difference between the cash flows that are due to the Bank in accordance with the contract and the cash flows that the Bank expects to receive. ECL calculation methods are outlined below. The key elements of the calculation are as follows:

(in thousands of Hryvnias, unless otherwise indicated)

| | |
|-----------------------------|---|
| Probability of Default (PD) | The <i>Probability of Default</i> is an estimate of the likelihood that counterparties fail to discharge their Default (PD) contractual obligations. |
| Exposure at Default (EAD) | The <i>Exposure at Default</i> is the amount of debt on the asset that the counterparty is likely to fail to perform at any future date, taking into account expected changes in the exposure after the reporting date, including repayments of principal and interest. |
| Loss Given Default (LGD) | The <i>Loss Given Default</i> is an estimate of the loss arising in the case where a default by the counterparty occurs. LGD is calculated using a few scenarios. Estimates of probabilities for all scenarios and sub-types of loss in the event of default are combined in the overall assessment. The probability of scenarios for non-performing debt maintenance is calculated based on historical data. The level of losses in the case of default of loans with collateral is determined on the basis of collateral foreclosure value, taking into account the potential cash shortage in comparison with the book value (discount) and the term of realization. |

Definition of default and cure

The Bank considers a financial instrument defaulted and therefore transfers it to Stage 3 (credit-impaired) for ECL calculations in all cases when the debt becomes 90 days past due on its contractual payments or in the following cases, regardless of the number of days of debt overdue:

- ▶ Internal rating of the borrower indicates default or near-default;
- ▶ The debtor (or any legal entity within the debtor's group) files for bankruptcy;
- ▶ The terms of the agreement have been changed, without which the client would not be able to perform further debt servicing.

Significant increase in credit risk

In order to determine the existence of a significant increase in credit risk since the initial recognition of a financial instrument, the Bank uses certain lists of events that contain signs of an increase in credit risk. Regardless of occurrence of the events having signs of an increase in credit risk, it is considered that over-30-days past due payments is the evidence of a significant increase in credit risk since the initial recognition of a financial instrument.

The default probability is estimated using the distribution of borrowers by the number of days past due. Other input data used in models is the economic indicators.

Impairment assessment on individual and collective basis

Dependent on the factors below, the Bank calculates ECLs either on individual or on collective basis.

The Bank calculates the ECLs on an individual basis for the assets, which are included in Stage 2 or Stage 3 and which outstanding balance of debt per group of counterparties exceeds the limit set for the respective business segment and is individually significant.

The Bank combines the financial assets assessed on collective basis in homogeneous groups depending on the internal features of loans, for example, payment days past due, type of product, etc.

Forward-looking information and economic scenarios

In its ECL models, the Bank relies on a broad range of forward-looking information as economic inputs, such as:

- ▶ GDP growth;
- ▶ Inflation (consumer price index), to the corresponding month of the previous year (%);
- ▶ Discount rates of the National Bank of Ukraine;
- ▶ Unemployment rates;
- ▶ Foreign exchange rates;
- ▶ Prices for iron ore;
- ▶ Prices for wheat;
- ▶ Growth of real wages, YoY.

(in thousands of Hryvnias, unless otherwise indicated)

The Bank has carried out the statistical analysis of dependence that the default probability of the Bank's customers has on economic indicators. The Bank has identified the indicators most closely related to the level of borrowers' defaults in each of the portfolio segments.

For obtaining forecast information, the Bank uses external sources (forecasts by the NBU, the Cabinet of Ministers of Ukraine, the Ministry of Finance of Ukraine and other government bodies, forecasts by the IMF, the World Bank and other leading international organizations, forecasts by leading international rating agencies (companies), such as Moody's, Fitch Ratings, S&P Global Ratings and Bloomberg information system data. The table below gives the forecast values of the economic indicators used in economic scenario for calculation of the ECL.

| Key drivers | ECL scenario | Probability, % | 2021 | 2022 |
|------------------------------|---------------------|-----------------------|-------------|-------------|
| Nominal GDP growth, % | Upside | 33 | 11.1 | 9.5 |
| | Base case | 33 | 9.8 | 9.2 |
| | Downside | 33 | 8.2 | 8.7 |
| Unemployment rates | Upside | 33 | 7.6 | 7.6 |
| | Base case | 33 | 9.1 | 8.5 |
| | Downside | 33 | 10.5 | 10.5 |

The credit quality of financial assets is managed by the Bank using the internal credit ratings, as described above. The table below shows the credit quality by class of loan-related asset in the statement of financial position, based on the Bank's credit rating system.

| As at 30 September 2021 | Notes | High grade | Standard grade | Sub-standard grade | Impaired | Total | |
|--|--------------|-------------------|-----------------------|---------------------------|-----------------|--------------|-------------------|
| Cash and cash equivalents (other than cash on hand) | 7 | Stage 1 | 24,216,268 | 5,120 | 191,310 | - | 24,412,698 |
| Due from credit institutions | 8 | Stage 1 | 383,908 | 56,479 | 691,254 | - | 1,131,641 |
| | | Stage 2 | - | - | - | - | - |
| | | Stage 3 | - | - | - | 10,554 | 10,554 |
| Loans to customers and finance leases at amortized cost: | 10 | | | | | | |
| - Legal entities | | Stage 1 | 3,387,198 | 21,156,828 | 3,523,845 | - | 28,067,871 |
| | | Stage 2 | 276,894 | 3,504,826 | 6,040,088 | - | 9,821,808 |
| | | Stage 3 | - | - | 1,470,713 | 2,848,840 | 4,319,553 |
| | | POCI | - | - | 263,074 | - | 263,074 |
| - SME | | Stage 1 | 2,933,974 | 2,276,005 | 818,441 | - | 6,028,420 |
| | | Stage 2 | 97,710 | 606,335 | 1,081,681 | - | 1,785,726 |
| | | Stage 3 | - | 50,095 | 168,709 | 75,828 | 294,632 |
| - Individuals | | Stage 1 | 4,217,091 | 248,056 | 107 | 64 | 4,465,318 |
| | | Stage 2 | 23 | 27,504 | 9,657 | - | 37,184 |
| | | Stage 3 | - | 84,131 | 846 | 1,503,887 | 1,588,864 |
| | | POCI | 5,453 | 229 | 8,930 | - | 14,612 |
| Investments at fair value through other comprehensive income | 11 | Stage 1 | 30,648,561 | - | - | - | 30,648,561 |
| Undrawn loan commitments: | 23 | Stage 2 | - | - | - | - | - |
| | | Stage 3 | - | - | - | 2,054,553 | 2,054,553 |
| | | | | | | | |
| - Legal entities | | Stage 1 | 1,202,443 | 2,514,795 | 740,271 | - | 4,457,509 |
| | | Stage 2 | 344,159 | 2,585,643 | 51,816 | - | 2,981,618 |
| | | Stage 3 | - | - | - | 22,000 | 22,000 |
| - SME | | Stage 1 | 371,846 | 221,597 | 374,049 | - | 967,492 |
| | | Stage 2 | 8,730 | 152 | 35 | - | 8,917 |
| | | Stage 3 | - | 21,299 | 452 | - | 21,751 |
| - Individuals | | Stage 1 | 2,364,180 | 45,714 | 1,130 | 2,159 | 2,413,183 |
| | | Stage 2 | 1 | 4,055 | 1,502 | - | 5,558 |
| | | Stage 3 | - | 1,857 | 166 | 6,070 | 8,093 |
| Financial guarantees, guarantees on bills and letters of credit (other than covered letter of credit): | 23 | | | | | | |
| - Legal entities | | Stage 1 | 122,854 | 5,041,907 | 7,451,321 | - | 12,616,082 |
| | | Stage 2 | - | - | 701,163 | - | 701,163 |
| | | Stage 3 | - | - | 403 | - | 403 |

(in thousands of Hryvnias, unless otherwise indicated)

| As at 30 September 2021 | Notes | | High grade | Standard grade | Sub-standard grade | Impaired | Total |
|--------------------------------|--------------|--|-------------------|-----------------------|---------------------------|------------------|--------------------|
| - SME | Stage 1 | | 23,694 | - | 1,009 | - | 24,703 |
| | Stage 2 | | - | - | 1,429 | - | 1,429 |
| | Stage 3 | | - | - | - | - | - |
| Total | | | 70,604,987 | 38,452,627 | 23,593,401 | 6,523,955 | 139,174,970 |

| As at 31 December 2020 | Notes | | High grade | Standard grade | Sub-standard grade | Impaired | Total |
|---|--------------|---------|-------------------|-----------------------|---------------------------|------------------|--------------------|
| Cash and cash equivalents (other than cash on hand) | 7 | Stage 1 | 32,448,585 | 45,013 | 115,997 | - | 32,609,595 |
| Due from credit institutions | | Stage 1 | 361,995 | 123,873 | 175,907 | - | 661,775 |
| | | Stage 2 | - | - | - | - | - |
| | 8 | Stage 3 | - | - | - | 11,228 | 11,228 |
| Loans to customers and finance leases at amortized cost: | 10 | | | | | | |
| - Legal entities | | Stage 1 | 2,325,321 | 20,031,566 | 4,013,923 | - | 26,370,810 |
| | | Stage 2 | - | 3,134,124 | 8,407,481 | - | 11,541,605 |
| | | Stage 3 | - | - | 1,423,417 | 1,990,519 | 3,413,936 |
| | | POCI | - | - | 298,922 | - | 298,922 |
| - SME | | Stage 1 | 1,704,857 | 2,588,040 | 411,438 | - | 4,704,335 |
| | | Stage 2 | 99,940 | 862,664 | 1,062,896 | - | 2,025,500 |
| | | Stage 3 | - | 61,701 | 819,979 | 74,055 | 955,735 |
| - Individuals | | Stage 1 | 2,828,444 | 237,598 | 114 | 338 | 3,066,494 |
| | | Stage 2 | 240 | 23,309 | 6,291 | - | 29,840 |
| | | Stage 3 | - | 75,947 | 192 | 2,388,123 | 2,464,262 |
| | | | - | 2,089 | - | 3,335 | 5,424 |
| Investments at fair value through other comprehensive income | 11 | Stage 1 | 54,440,291 | - | - | - | 54,440,291 |
| | | Stage 2 | - | - | - | - | - |
| | | Stage 3 | - | - | - | 2,124,499 | 2,124,499 |
| Undrawn loan commitments: | 23 | | | | | | |
| - Legal entities | | Stage 1 | 285,268 | 2,468,365 | 902,929 | - | 3,656,562 |
| | | Stage 2 | - | 406,041 | 1,718,300 | - | 2,124,341 |
| | | Stage 3 | - | - | 163,708 | 27,600 | 191,308 |
| - SME | | Stage 1 | 359,176 | 459,691 | 109,568 | - | 928,435 |
| | | Stage 2 | 5,746 | 2,129 | 14 | - | 7,889 |
| | | Stage 3 | - | 685 | 121 | - | 806 |
| - Individuals | | Stage 1 | 1,451,612 | 11,757 | 518 | 1,767 | 1,465,654 |
| | | Stage 2 | - | 594 | 138 | - | 732 |
| | | Stage 3 | - | 903 | 27 | 6,277 | 7,207 |
| Financial guarantees and letters of credit (other than covered letter of credit): | 23 | | | | | | |
| - Legal entities | | Stage 1 | 195,439 | 3,136,888 | 2,524,954 | - | 5,857,281 |
| | | Stage 2 | - | 262,423 | 196,337 | - | 458,760 |
| | | Stage 3 | - | - | 452 | - | 452 |
| - SME | | Stage 1 | 11,387 | 12,432 | 9,574 | - | 33,393 |
| | | Stage 2 | - | - | 1,429 | - | 1,429 |
| | | Stage 3 | - | - | 10,213 | - | 10,213 |
| Total | | | 96,518,301 | 33,947,832 | 22,374,839 | 6,627,741 | 159,468,713 |

(in thousands of Hryvnias, unless otherwise indicated)

The following table describes the grouping on balances by rating categories.

| <i>Description of the internal rating level</i> | <i>Number of days past due</i> | <i>Level of internal rating</i> | <i>Rating of external international rating agency (Fitch), non-resident counterparties</i> | <i>Rating of external international rating agency (Fitch), resident counterparties</i> |
|---|---------------------------------------|---------------------------------|--|---|
| High grade | Overdue payments are not present | A1, A2, A3 | AAA+ to BBB | According to the interbank rating established for resident banks with grades 1, 2 and B (rating of Ukraine), which includes domestic government bonds and municipal bonds, and which applies to the Operational Department of the NBU and PJSC "SETTLEMENT CENTER" in accordance with para. 41 of NBU Regulation No. 351 dated 30 September 2016. |
| Standard grade | From 1 to 30 days, from 31 to 60 days | B1, B2, B3 | BB+ to B | According to the intrabank rating established for resident banks with grade 3 (values of the international scale rating "B" and below or "NR") and other issuers by category of investment available for sale, which have no rating and are attributed to Stage 1 |
| Sub-standard grade | From 61 to 90 days | C1, C2, C3, D1, D2, D3 | CCC to C | According to the intrabank rating established for resident banks with grade 4 (values of the international scale rating "B" and below or "NR") and other issuers by category of investment available for sale, which have no rating and are attributed to Stage 2 |
| Impaired | More than 90 days | E | D | According to the intrabank rating established for resident banks with grade 5 (values of the international scale rating "D" and below or "NR") and other issuers by category of investment available for sale, which have no rating and are attributed to Stage 3 |

Geographical concentration

The following table summarizes geographical concentration of monetary assets and liabilities:

| | 30 September 2021 | | | Total |
|--|--------------------------|-----------------------|------------------------------------|--------------------|
| | Ukraine | OECD countries | CIS and other foreign banks | |
| Assets | | | | |
| Cash and cash equivalents | 6,423,370 | 20,446,407 | 8,690 | 26,878,467 |
| Precious metals | 2,186 | – | – | 2,186 |
| Due from credit institutions | 1,031,116 | 100,313 | – | 1,131,429 |
| Derivative financial assets | 1,715 | 4,231 | – | 5,946 |
| Loans to customers and finance leases | 49,824,392 | – | – | 49,824,392 |
| Investments at fair value through other comprehensive income | 32,079,839 | 15 | – | 32,079,854 |
| Other assets | 497,569 | – | – | 497,569 |
| | 89,860,187 | 20,550,966 | 8,690 | 110,419,843 |
| Liabilities | | | | |
| Due to National Bank of Ukraine | 999,979 | – | – | 999,979 |
| Due to credit institutions | 6,525,549 | 1,715,923 | 38,336 | 8,279,808 |
| Derivative finance liabilities | 50,205 | 15,258 | – | 65,463 |
| Due to customers | 91,124,744 | – | – | 91,124,744 |
| Provisions for guarantees and commitments | 702,933 | – | – | 702,933 |
| Lease liabilities | 213,828 | – | – | 213,828 |
| Other liabilities | 739,139 | – | – | 739,139 |
| | 100,356,377 | 1,731,181 | 38,336 | 102,125,894 |
| Difference between assets and liabilities | (10,496,190) | 18,819,785 | (29,646) | 8,293,949 |

(in thousands of Hryvnias, unless otherwise indicated)

| | 31 December 2020 | | | Total |
|--|-------------------------|-----------------------|------------------------------------|--------------------|
| | Ukraine | OECD countries | CIS and other foreign banks | |
| Assets | | | | |
| Cash and cash equivalents | 11,230,499 | 24,007,958 | 49,537 | 35,287,994 |
| Precious metals | 2,401 | – | – | 2,401 |
| Due from credit institutions | 647,625 | 13,866 | – | 661,491 |
| Derivative financial assets | 4,930 | 256 | – | 5,186 |
| Loans to customers and finance leases | 47,517,583 | – | – | 47,517,583 |
| Investments at fair value through other comprehensive income | 50,346,378 | 5,687,678 | – | 56,034,056 |
| Other assets | 184,858 | – | – | 184,858 |
| | 109,934,274 | 29,709,758 | 49,537 | 139,693,569 |
| Liabilities | | | | |
| Due to National bank of Ukraine | – | – | – | – |
| Due to credit institutions | 3,933,175 | 1,736,503 | – | 5,669,678 |
| Derivative financial liabilities | 226,669 | 982 | – | 227,651 |
| Due to customers | 126,498,709 | – | – | 126,498,709 |
| Provisions for guarantees and commitments | 406,111 | – | – | 406,111 |
| Lease liabilities | 126,148 | – | – | 126,148 |
| Other liabilities | 765,151 | – | – | 765,151 |
| | 131,955,963 | 1,737,485 | – | 133,693,448 |
| Difference between assets and liabilities | (22,021,689) | 27,972,273 | 49,537 | 6,000,121 |

Liquidity risk and funding management

Liquidity risk is the risk that the Bank will be unable to meet its payment obligations as they fall due without incurring unacceptable losses, or as a result of its inability to manage unplanned cash outflows, changes in funding sources and/or off-balance sheet liabilities. To mitigate this risk, management uses different sources of funding in addition to the main base of deposits. Management of the Bank also performs day-to-day liquidity management activities, with due account for balances on the correspondent accounts and cash inflow/outflow projections; management of current liquidity (up to 1 month) through identification of the Bank's requirements for liquid assets and assessment of the liquidity gaps for the period; management of liquidity over one month through assessment of mismatch between maturities on assets and liabilities and development of remedial measures to maintain the Bank's relevant liquidity levels in the future.

Analysis of financial liabilities grouped based on dates from the reporting date to the maturity date is carried out in accordance with the applicable agreement.

As at 30 September 2021 and 31 December 2020, the Bank complied with the regulatory requirements of the National Bank of Ukraine regarding the minimum level of liquidity coverage ratio in all currencies and separately in foreign currencies (regulatory values as at 30 September 2021 and 31 December 2020 – not less than 100%). The values of liquidity coverage ratios in all currencies and separately in foreign currencies are as follows:

| | 30 September 2021 | 31 December 2020 |
|--|------------------------------|-----------------------------|
| All-currency LCR, liquidity coverage ratio for all currencies | 167.55% | 226.99% |
| Foreign currency LCR, liquidity coverage ratio in foreign currency | 114.48% | 151.72% |

Analysis of assets and liabilities of the Bank by the estimated dates of their recovery or repayment is discussed in Note 31.

*(in thousands of Hryvnias, unless otherwise indicated)**Analysis of financial liabilities by remaining contractual maturities*

The tables below summarize the information on undiscounted cash flows of financial liabilities as at 30 September 2021 and 31 December 2020 based on the remaining time to maturity according to the terms of agreements. Gross settled derivative instruments that are presented in terms of amounts receivable and payable as per maturities. Liabilities that are subject to repayment on demand are to be repaid on the earliest possible date. However, the Bank expects that most customers will not demand repayment on the earliest possible date.

| Financial liabilities As at 30 September 2021 | Up to 3 months | From 3 to 12 months | From 1 to 5 years | Over 5 years | Total |
|---|---------------------------|--------------------------------|------------------------------|-------------------------|--------------------|
| Due to National Bank of Ukraine | 7,219 | 14,205 | 63,575 | 1,278,288 | 1,363,287 |
| Due to credit institutions | 6,100,258 | 612,056 | 1,768,113 | - | 8,480,427 |
| <i>Gross settled derivative financial instruments</i> | | | | | |
| - contractual amounts receivable | (7,882,939) | - | - | - | (7,882,939) |
| - contractual amounts payable | 7,948,402 | - | - | - | 7,948,402 |
| Due to customers | 81,427,798 | 8,537,460 | 1,561,402 | 2,022 | 91,528,682 |
| Lease liabilities | 27,237 | 68,035 | 161,407 | - | 256,679 |
| Other liabilities | 739,139 | - | - | - | 739,139 |
| Total undiscounted financial liabilities | 88,367,114 | 9,231,756 | 3,554,497 | 1,280,310 | 102,433,677 |

| Financial liabilities As at 31 December 2020 | Up to 3 months | From 3 to 12 months | From 1 to 5 years | Over 5 years | Total |
|---|---------------------------|--------------------------------|------------------------------|-------------------------|--------------------|
| Due to National Bank of Ukraine | - | - | - | - | - |
| Due to credit institutions | 2,745,711 | 1,749,843 | 1,174,644 | - | 5,670,198 |
| <i>Gross settled derivative financial instruments</i> | | | | | |
| - contractual amounts receivable | (4,883,748) | - | - | - | (4,883,748) |
| - contractual amounts payable | 5,111,399 | - | - | - | 5,111,399 |
| Due to customers | 106,358,378 | 18,446,773 | 2,503,506 | 12,611 | 127,321,268 |
| Lease liabilities | 20,311 | 56,162 | 77,591 | - | 154,064 |
| Other liabilities | 765,151 | - | - | - | 765,151 |
| Total undiscounted financial liabilities | 110,117,202 | 20,252,778 | 3,755,741 | 12,611 | 134,138,332 |

The table below shows the contractual maturity of commitments and contingencies of the Bank. Each undrawn loan commitment is included in the period containing the earliest date when a customer may require its fulfilment. For the issued financial guarantee contracts, the maximum guarantee amount is attributed to the earliest period, in which the guarantee could be required for settlement.

| | Up to 3 months | From 3 to 12 months | From 1 to 5 years | Over 5 years | Total |
|-------------------|---------------------------|--------------------------------|------------------------------|-------------------------|-------------------|
| 30 September 2021 | 4,297,888 | 5,167,578 | 6,747,333 | 598,497 | 16,811,296 |
| 31 December 2020 | 1,787,053 | 4,317,128 | 2,242,281 | 396,044 | 8,742,506 |

Operational risk

Operational risk is the risk that the Bank will incur damage or incremental loss or suffer shortfall in expected profit due to errors or deficiencies in the internal processes, willful or negligent acts by the staff or others, failures in information systems or due to external events.

Operational risk management is the responsibility of the Bank's Management Board, which is authorized to establish the principles to ensure the methodology for effective management and monitoring of operational risks. The Operational Risk Management Committee is a collegial structure of the Management Board, which functions include implementing the operational risk management policies, improving the business processes, implementing the internal control systems/additional controls, developing measures based on reviews of operational incidents.

*(in thousands of Hryvnias, unless otherwise indicated)***Interest rate risk**

Interest rate risk is the existing or potential risk to the Bank's earnings and capital arising from adverse changes in interest rates on the market. This risk affects both the profitability of the Bank and the economic value of its assets, liabilities and off-balance sheet instruments. The table below shows the sensitivity to possible changes in interest rates, with constant values of all other variables of the Bank's statement of profit or loss and other comprehensive income.

Sensitivity of the statement of profit or loss and other comprehensive income reflects the effect of the assumed changes in interest rates on net interest income for one year, which is a result of gaps between maturities of assets and liabilities before revision of the interest rate that reflects maturity before revision of the base rate for instruments with a floating (variable) interest rate and maturity for instruments with a fixed interest rate.

Sensitivity of statement of profit or loss and other comprehensive income (method of liquidity gaps before revision)

| | 30 September 2021 | | | | | Total |
|--|---------------------|-----------------------|------------------------|----------------------|------------------|------------------|
| | Up to 1 month | From 1 to 3 months | From 3 to 12 months | From 1 to 5 years | Over 5 years | |
| Assets | 40,366,044 | 13,611,061 | 24,780,402 | 25,278,853 | 2,890,254 | 106,926,614 |
| Liabilities | 80,363,284 | 8,513,140 | 8,379,008 | 3,129,182 | 292 | 100,384,906 |
| Difference between assets and liabilities | (39,997,240) | 5,097,921 | 16,401,394 | 22,149,671 | 2,889,962 | 6,541,708 |
| 1% | (383,535) | 42,459 | 61,561 | | | (279,514) |
| -1% | 383,535 | (42,459) | (61,561) | | | 279,514 |
| | 30 September 2020 | | | | | Total |
| | Up to 1 month | From 1 to 3 months | From 3 to 12 months | From 1 to 5 years | Over 5 years | |
| Assets | 63,833,585 | 22,366,878 | 33,028,376 | 29,598,138 | 2,690,845 | 151,517,822 |
| Liabilities | 103,705,207 | 16,991,253 | 22,202,634 | 3,144,611 | 164,349 | 146,208,054 |
| Difference between assets and liabilities | (39,871,622) | 5,375,625 | 10,825,742 | 26,453,527 | 2,526,496 | 5,309,768 |
| 1% | (382,331) | 44,772 | 40,634 | | | (296,925) |
| -1% | 382,331 | (44,772) | (40,634) | | | 296,925 |

Market risk

Market risk is the risk that the fair value or future cash flows of financial instruments will fluctuate due to changes in market variables such as interest rates, foreign exchanges and security prices. The Bank classifies exposures to market risk into either trading or non-trading portfolios. The market risks for non-trading positions are managed and monitored using sensitivity analysis.

Currency risk

Currency risk is the existing or potential risk for the Bank's earnings or capital arising out of unfavourable fluctuations in foreign exchange rates and precious metal prices. The Assets and Liabilities Management Committee sets limits on positions by foreign currencies based on the requirements of the National Bank of Ukraine. Currency positions are monitored on a daily basis.

The major foreign currency denominated positions of assets and liabilities as at 30 September 2021 are as follows:

| | UAH | USD | EUR | Other currencies | Total |
|--|------------|------------|------------|---------------------|------------|
| Assets | | | | | |
| Cash and cash equivalents | 5,154,883 | 11,436,852 | 9,454,356 | 832,376 | 26,878,467 |
| Precious metals | - | - | - | 2,186 | 2,186 |
| Due from credit institutions | 854,260 | 176,856 | 100,313 | - | 1,131,429 |
| Loans to customers and finance leases | 25,874,170 | 13,453,425 | 10,496,797 | - | 49,824,392 |

(in thousands of Hryvnias, unless otherwise indicated)

| | UAH | USD | EUR | Other currencies | Total |
|--|-------------------|--------------------|--------------------|-----------------------------|---------------------|
| Investments at fair value through other comprehensive income | 24,503,568 | 5,177,908 | 2,398,378 | - | 32,079,854 |
| Investment property | 149,255 | - | - | - | 149,255 |
| Property and equipment, intangible assets | 1,199,750 | - | - | - | 1,199,750 |
| Right-of-use assets | 239,937 | - | - | - | 239,937 |
| Other property | 457,024 | - | - | - | 457,024 |
| Deferred income tax assets | 19,416 | - | - | - | 19,416 |
| Other assets | 735,144 | 22,761 | 22,388 | 127 | 780,420 |
| Total assets | 59,187,407 | 30,267,802 | 22,472,232 | 834,689 | 112,762,130 |
| Liabilities | | | | | |
| Due to National Bank of Ukraine | 999,979 | - | - | - | 999,979 |
| Due to credit institutions | 424,433 | 3,348,771 | 4,074,224 | 432,380 | 8,279,808 |
| Due to customers | 51,482,416 | 28,463,943 | 11,019,595 | 158,790 | 91,124,744 |
| Provisions for guarantees, commitments and legal risks | 539,540 | 14,746 | 148,647 | - | 702,933 |
| Lease liabilities | 213,828 | - | - | - | 213,828 |
| Current income tax liabilities | 281,131 | - | - | - | 281,131 |
| Deferred income tax liabilities | - | - | - | - | - |
| Other liabilities | 863,617 | 261,143 | 99,986 | 6,413 | 1,231,159 |
| Total liabilities | 54,804,944 | 32,088,603 | 15,342,452 | 597,583 | 102,833,582 |
| Net long/(short) recognized position | 4,382,463 | (1,820,801) | 7,129,780 | 237,106 | |
| Assets receivable | 5,186,112 | 4,453,999 | 593,224 | 135,334 | 10,368,669 |
| Assets payable | - | (2,679,491) | (7,383,741) | (364,954) | (10,428,186) |
| Net long/(short) unrecognized position | 5,186,112 | 1,774,508 | (6,790,517) | (229,620) | |
| Total long/(short) recognized and unrecognized position | 9,568,575 | (46,293) | 339,263 | 7,486 | |

The major foreign currency denominated positions of assets and liabilities as at 31 December 2020 are as follows:

| | UAH | USD | EUR | Other currencies | Total |
|--|-------------------|-------------------|-------------------|-----------------------------|--------------------|
| Assets | | | | | |
| Cash and cash equivalents | 9,426,754 | 16,129,350 | 9,395,292 | 336,598 | 35,287,994 |
| Precious metals | - | - | - | 2,401 | 2,401 |
| Due from credit institutions | 588,564 | 72,927 | - | - | 661,491 |
| Loans to customers and finance leases | 20,260,259 | 13,622,689 | 13,634,635 | - | 47,517,583 |
| Investments at fair value through other comprehensive income | 36,032,871 | 18,957,236 | 1,043,949 | - | 56,034,056 |
| Investment property | 149,255 | - | - | - | 149,255 |
| Property and equipment, intangible assets | 1,348,538 | - | - | - | 1,348,538 |
| Right-of-use assets | 157,200 | - | - | - | 157,200 |
| Other property | 770,248 | - | - | - | 770,248 |
| Current income tax assets | 39,429 | - | - | - | 39,429 |
| Other assets | 681,374 | 16,457 | 31,513 | 7 | 729,351 |
| Total assets | 69,454,492 | 48,798,659 | 24,105,389 | 339,006 | 142,697,546 |
| Liabilities | | | | | |
| Due to National bank of Ukraine | - | - | - | - | - |
| Due to credit institutions | 276,962 | 1,620,986 | 3,700,786 | 70,944 | 5,669,678 |
| Due to customers | 63,059,768 | 44,176,943 | 19,050,638 | 211,360 | 126,498,709 |
| Provisions for guarantees, commitments and legal risks | 371,522 | 9,002 | 25,587 | - | 406,111 |
| Lease liabilities | 126,148 | - | - | - | 126,148 |
| Current income tax liabilities | - | - | - | - | - |
| Deferred income tax liabilities | 60,806 | - | - | - | 60,806 |

(in thousands of Hryvnias, unless otherwise indicated)

| | UAH | USD | EUR | Other currencies | Total |
|--|-------------------|--------------------|--------------------|-----------------------------|--------------------|
| Other liabilities | 1,038,636 | 51,887 | 71,761 | 2,514 | 1,164,798 |
| Total liabilities | 64,933,842 | 45,858,818 | 22,848,772 | 284,818 | 133,926,250 |
| Net long/(short) recognized position | 4,520,650 | 2,939,841 | 1,256,617 | 54,188 | |
| Assets receivable | 4,237,183 | 666,159 | 740,511 | 36,995 | 5,680,848 |
| Assets payable | - | (3,693,096) | (2,129,537) | (80,680) | (5,903,313) |
| Net long/(short) unrecognized position | 4,237,183 | (3,026,937) | (1,389,026) | (43,685) | |
| Total long/(short) recognized and unrecognized position | 8,757,833 | (87,096) | (132,409) | 10,503 | |

The following table presents the currencies in which the Bank has significant positions as at 30 September 2021 and 30 September 2020 against the Ukrainian Hryvnia on the statement of profit or loss and other comprehensive income (due to the presence of non-trading monetary assets and liabilities which fair value is sensitive to changes in exchange rates). The negative value shown in the table reflects the potential net decrease in the statement of profit or loss and other comprehensive income or equity, and the positive values reflect the potential net increase.

| Currency | Increase in foreign currency exchange rate, % 30 September 2021 | Effect on profit before tax 30 September 2021 | Increase in foreign currency exchange rate, % 30 September 2020 | Effect on profit before tax 30 September 2020 |
|-----------------|--|--|--|--|
| USD | 15.00% | (6,944) | 11.00% | (8,651) |
| EUR | 16.00% | 54,282 | 13.00% | 21,044 |

| Currency | Decrease in foreign currency exchange rate, % 30 September 2021 | Effect on profit before tax 30 September 2021 | Decrease in foreign currency exchange rate, % 30 September 2020 | Effect on profit before tax 30 September 2020 |
|-----------------|--|--|--|--|
| USD | -12.00% | 5,555 | -14.00% | 11,010 |
| EUR | -14.00% | (47,497) | -15.00% | (24,281) |

30. Fair value measurements

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date, regardless of whether that price is directly observable or estimated using another valuation technique.

The estimated fair value has been determined by the Bank using the available market information, where it exists, and the appropriate valuation methodologies. However, judgment is necessarily required to interpret market data to determine the estimated fair value. The estimates presented herein are not necessarily indicative of the amounts the Bank could realize in a market exchange from the sale of its full holdings of a particular instrument or pay in the transfer of liabilities.

The Bank uses the following hierarchy for determining and disclosing the fair value of assets and liabilities by valuation technique:

- ▶ Level 1: quoted (unadjusted) prices in active markets for identical assets or liabilities;
- ▶ Level 2: techniques for which all inputs which have a significant effect on the recorded fair value are observable either directly or indirectly on market data; and
- ▶ Level 3: techniques, which use inputs that have a significant effect on the recorded fair value that are not based on observable market data.

Fair value of the Bank's financial assets and financial liabilities measured at fair value on a recurring basis and fair value of buildings

Some of the Bank's financial assets and financial liabilities as well as the Bank's buildings are measured at fair value at the end of each reporting period. The following table gives information about how the fair value of these financial assets and financial liabilities is determined (in particular, the valuation techniques and inputs used):

(in thousands of Hryvnias, unless otherwise indicated)

| Assets/liabilities | Fair value hierarchy | Valuation techniques and key inputs |
|--|-----------------------------|--|
| Investments at fair value through other comprehensive income | 2 | Discounted cash flows. Future cash flows are estimated based on the inputs that are observable either directly or indirectly. The estimates use one or more observable quoted prices for orderly transactions in the markets that are not considered active. |
| Investments at fair value through other comprehensive income | 3 | Discounted cash flows. Future cash flows are estimated based on both observable and unobservable inputs. Unobservable inputs include assumptions regarding future financial performance of the issuer, its risk profile and economic assumptions with respect to the industry and geographical jurisdiction where the issuer operates. |
| Loans to customers at fair value through profit or loss | 3 | Discounted cash flows. Future cash flows are estimated using observable market data as well as non-observable market data. Non-observable data include assumptions about the borrower's future financial performance, risk profile, and economic assumptions about the industry and geographical jurisdiction in which the borrower operates. |
| Derivative financial instruments | 2 | Discounted cash flows. Future cash flows are estimated based on forward exchange rates (observable foreign exchange rates at the end of the reporting period) and forward exchange rates discounted at a rate reflecting a credit risk from different counterparties. |
| Buildings and land plots, investment property | 3 | The Bank engages professional independent appraisers to determine the fair value of its buildings and land plots and investment property by using a comparative approach to evaluation and income approach for the items for which there are no market comparatives. In the comparative approach to evaluation, the prices of market-based sales of comparable properties in the immediate proximity are adjusted with reference to differences in main parameters (such as floor space of a property item). The main parameter used in this valuation technique is the price per square meter of a property item. |

The table below provides the analysis of assets and liabilities recognized in the statement of financial position at fair value on initial recognition using a three-level fair value hierarchy:

| | 30 September 2021 | | | Total |
|--|--------------------------|-------------------|------------------|-------------------|
| | Level 1 | Level 2 | Level 3 | |
| Assets measured at fair value | | | | |
| Investments at fair value through other comprehensive income | – | 32,068,527 | 11,312 | 32,079,854 |
| Derivative financial assets | – | 5,946 | – | 5,946 |
| Investment property | – | – | 149,255 | 149,255 |
| Buildings and land plots | – | – | 885,235 | 885,235 |
| Loans to customers at fair value through profit or loss | – | – | 118,064 | 118,064 |
| | – | 32,074,488 | 1,163,866 | 33,238,354 |
| Liabilities measured at fair value | | | | |
| Derivative financial liabilities | – | 65,463 | – | 65,463 |
| Total | – | 65,463 | – | 65,463 |

| | 31 December 2020 | | | Total |
|--|-------------------------|-------------------|------------------|-------------------|
| | Level 1 | Level 2 | Level 3 | |
| Assets measured at fair value | | | | |
| Investments at fair value through other comprehensive income | 5,687,678 | 50,335,066 | 11,312 | 56,034,056 |
| Derivative financial assets | – | 5,186 | – | 5,186 |
| Investment property | – | – | 149,255 | 149,255 |
| Buildings and land plots | – | – | 928,721 | 928,721 |
| Loans to customers at fair value through profit or loss | – | – | 123,109 | 123,109 |
| | 5,687,678 | 50,340,252 | 1,212,397 | 57,240,327 |
| Liabilities measured at fair value | | | | |
| Derivative financial liabilities | – | 227,651 | – | 227,651 |
| Total | – | 227,651 | – | 227,651 |

*(in thousands of Hryvnias, unless otherwise indicated)**Movements in Level 3 financial instruments measured at fair value*

The table below shows changes in the amounts of Level 3 assets and liabilities that are measured at fair value:

| Financial assets | As at 1 January 2021 | Total gains/ (losses) recognized in the statement of profit or loss | Acquisition | Repayment | Revaluation surplus recognized as part of equity | As at 30 September 2021 |
|--|-------------------------------------|--|--------------------|------------------|---|--|
| Investments at fair value through other comprehensive income | 11,312 | - | - | - | - | 11,312 |
| Loans to customers at fair value through profit or loss | 123,109 | 5,964 | 52,995 | (64,004) | - | 118,064 |

Impact on fair value of Level 3 financial instruments measured at fair value of changes to key assumptions

The following table shows the impact on the fair value of Level 3 instruments of using reasonably possible alternative assumptions:

| Financial assets | 30 September 2021 | | 31 December 2020 | |
|--|--------------------------|---|-------------------------|---|
| | Carrying amount | Impact of possible alternative assumptions | Carrying amount | Impact of possible alternative assumptions |
| Investments at fair value through other comprehensive income | 11,312 | (11,327) | 11,312 | (11,312) |
| Loans to customers at fair value through profit or loss | 118,064 | 2,003 / (1,929) | 123,109 | 2,011 / (1,943) |

To analyse the sensitivity of the loans to customers at fair value through profit or loss, the assumption of changes in the discount rate of future cash flows was applied. Decrease of discount rates by 10% will increase the carrying value by UAH 2,003 thousand. The increase of the discount rates by 10% will reduce the carrying value by UAH 1,929 thousand.

Fair value of financial assets and liabilities not carried at fair value

The estimated fair values of financial assets and liabilities are determined using market prices, discounted cash flows and other appropriate valuation techniques and may not be indicative of the fair value of those instruments at the date these financial statements are authorized for issue. These estimates do not reflect any premium or discount that could result from offering for sale at one time the entire holdings of a particular financial instrument. Fair value estimates are based on judgments regarding future expected cash flows, current economic conditions, risk characteristics of various financial instruments and other factors.

Cash and cash equivalents and due from credit institutions comprise balances on correspondent accounts and short-term deposits. Due to short-term life of those financial instruments and corresponding actual interest rates to those prevailing money market interest rates for similar financial instruments, the carrying amounts of cash and cash equivalents, due from banks balances approximate their fair value.

To determine fair value, projected cash flows are discounted at market rates established at the reporting date for similar instruments.

| Financial assets/ financial liabilities | Fair value hierarchy | Valuation techniques and key outputs |
|--|---------------------------------|--|
| Loans to customers and finance leases | 3 | Discounted cash flows. Future cash flows are estimated based on both observable and unobservable inputs. Unobservable inputs include the assumptions regarding future financial performance of the counterparty, its risk profile and economic assumptions with respect to the industry and geographical jurisdiction where the counterparty operates. The most significant outputs included a discount rate reflecting the credit risk of counterparties. |
| Due from credit institutions | | |
| Due to credit institutions | 3 | Discounted cash flows. Future cash flows are estimated based on unobservable inputs. |
| Due to customers | | |

(in thousands of Hryvnias, unless otherwise indicated)

| | 30 September 2021 | | | |
|--|--------------------------|----------------|--------------------|--------------------|
| | Level 1 | Level 2 | Level 3 | Total |
| Assets for which fair values are disclosed | | | | |
| Cash and cash equivalents | 26,878,467 | - | - | 26,878,467 |
| Due from credit institutions | - | - | 1,131,429 | 1,131,429 |
| Loans to customers and finance leases | - | - | 46,999,482 | 46,999,482 |
| Total | 26,878,467 | - | 48,130,911 | 75,009,378 |
| Liabilities for which fair values are disclosed | | | | |
| Due to National bank of Ukraine | - | - | 999,979 | 999,979 |
| Due to credit institutions | - | - | 8,279,808 | 8,279,808 |
| Due to customers | - | - | 91,129,890 | 91,129,890 |
| Total | - | - | 100,409,677 | 100,409,677 |
| | | | | |
| | 31 December 2020 | | | |
| | Level 1 | Level 2 | Level 3 | Total |
| Assets for which fair values are disclosed | | | | |
| Cash and cash equivalents | 35,287,994 | - | - | 35,287,994 |
| Due from credit institutions | - | - | 661,491 | 661,491 |
| Loans to customers and finance leases | - | - | 49,787,938 | 49,787,938 |
| Total | 35,287,994 | - | 50,449,429 | 85,737,423 |
| Liabilities for which fair values are disclosed | | | | |
| Due to National bank of Ukraine | - | - | - | - |
| Due to credit institutions | - | - | 5,669,678 | 5,669,678 |
| Due to customers | - | - | 126,693,980 | 126,693,980 |
| Total | - | - | 132,363,658 | 132,363,658 |

The following is a comparison by class of the carrying amounts and fair values of the Bank's financial instruments that are not carried at fair value in the statement of financial position. The table does not include the fair values of non-financial assets and non-financial liabilities.

| | 30 September 2021 | | 31 December 2020 | |
|---------------------------------------|--------------------------|--------------------|-------------------------|--------------------|
| | Carrying amount | Fair value | Carrying amount | Fair value |
| Financial assets | | | | |
| Cash and cash equivalents | 26,878,467 | 26,878,467 | 35,287,994 | 35,287,994 |
| Due from credit institutions | 1,131,429 | 1,131,429 | 661,491 | 661,491 |
| Loans to customers and finance leases | 49,704,636 | 46,999,482 | 47,392,435 | 49,787,938 |
| Total assets | 77,714,532 | 75,009,378 | 83,341,920 | 85,737,423 |
| Financial liabilities | | | | |
| Due to National bank of Ukraine | 999,979 | 999,979 | - | - |
| Due to credit institutions | 8,279,808 | 8,279,808 | 5,669,678 | 5,669,678 |
| Due to customers | 91,124,744 | 91,129,890 | 126,498,709 | 126,693,980 |
| Total liabilities | 100,404,531 | 100,409,677 | 132,168,387 | 132,363,658 |

*(in thousands of Hryvnias, unless otherwise indicated)***31. Analysis of assets and liabilities by maturities**

The table below summarizes assets and liabilities according to the periods when they are expected to be recovered or settled. See Note 28 for the Bank's contractual undiscounted repayment obligations.

| | 30 September 2021 | | | | 31 December 2020 | | | |
|--|---------------------|--------------------|--------------------|--------------------|---------------------|--------------------|--------------------|--------------------|
| | Within one year | More than one year | Maturity undefined | Total | Within one year | More than one year | Maturity undefined | Total |
| Cash and cash equivalents | 26,878,467 | - | - | 26,878,467 | 35,287,994 | - | - | 35,287,994 |
| Precious metals | 2,186 | - | - | 2,186 | 2,401 | - | - | 2,401 |
| Derivative financial assets | 5,946 | - | - | 5,946 | 5,186 | - | - | 5,186 |
| Due from credit institutions | 1,031,116 | 100,313 | - | 1,131,429 | 661,491 | - | - | 661,491 |
| Loans to customers and finance leases | 20,916,883 | 28,907,509 | - | 49,824,392 | 17,946,031 | 29,571,552 | - | 47,517,583 |
| Investments at fair value through other comprehensive income | 13,556,382 | 18,523,472 | - | 32,079,854 | 40,489,238 | 15,544,818 | - | 56,034,056 |
| Investment property | - | - | 149,255 | 149,255 | - | - | 149,255 | 149,255 |
| Property and equipment and intangible assets | - | - | 1,199,750 | 1,199,750 | - | - | 1,348,538 | 1,348,538 |
| Right-of-use assets | - | - | 239,937 | 239,937 | - | - | 157,200 | 157,200 |
| Other property | - | - | 457,024 | 457,024 | - | - | 770,248 | 770,248 |
| Current income tax assets | - | - | - | - | 39,429 | - | - | 39,429 |
| Deferred income tax assets | - | 19,416 | - | 19,416 | - | - | - | - |
| Other assets | 743,287 | 37,133 | - | 780,420 | 647,194 | 82,157 | - | 729,351 |
| Total | 63,134,267 | 47,587,843 | 2,045,966 | 112,768,076 | 95,078,964 | 45,198,527 | 2,425,241 | 142,702,732 |
| Due to National Bank of Ukraine | - | 999,979 | - | 999,979 | - | - | - | - |
| Due to credit institutions | 6,638,131 | 1,641,677 | - | 8,279,808 | 4,586,887 | 1,082,791 | - | 5,669,678 |
| Derivative financial liabilities | 65,463 | - | - | 65,463 | 227,651 | - | - | 227,651 |
| Due to customers | 89,582,932 | 1,541,812 | - | 91,124,744 | 124,035,469 | 2,463,240 | - | 126,498,709 |
| Lease liabilities | 12,628 | 201,200 | - | 213,828 | 12,371 | 113,777 | - | 126,148 |
| Provisions for guarantees and commitments | 430,376 | 272,557 | - | 702,933 | 341,915 | 64,196 | - | 406,111 |
| Current income tax liabilities | 281,131 | - | - | 281,131 | - | - | - | - |
| Deferred income tax liabilities | - | - | - | - | - | 60,806 | - | 60,806 |
| Other liabilities | 1,184,048 | 47,111 | - | 1,231,159 | 1,014,088 | 150,710 | - | 1,164,798 |
| Total | 98,194,709 | 4,704,336 | - | 102,899,045 | 130,218,381 | 3,935,520 | - | 134,153,901 |
| Net amount | (35,060,442) | 42,883,507 | 2,045,966 | 9,869,031 | (35,139,417) | 41,263,007 | 2,425,241 | 8,548,831 |

The Bank's management believes that the negative liquidity gap (liquidity gap between financial assets and financial liabilities repayable within one year as at 30 September 2021 amounted to UAH 34,580,121 thousand) that arose is under control and does not threaten the Bank's ability to settle its liabilities in full and in a timely manner. Thus, the Bank has access to secondary reserve of liquid funds represented by:

- ▶ Unencumbered securities – Ukrainian domestic government bonds in the amount of UAH 14,201,849 thousand, municipal bonds in the amount of UAH 1,226,541 thousand that have a high degree of liquidity and were included in the category of repayable after one year. Liquid funds may be received either through the sale of the said securities or raising of a refinancing borrowing from the National Bank of Ukraine with the securities used as a collateral. As at 30 September 2021, the fair value of securities that may be considered as a cover for the cumulative liquidity gap in the category of repayable within one year amounted to UAH 15,428,389 thousand;
- ▶ Stable balances on current and other customer accounts determined based on Bank's own methods, which are based on statistical analysis of fluctuations in current customer account balances. As at 30 September 2021, the stable balances on current and other accounts were estimated to be equal to UAH 49,305,112 thousand. Based on the going concern assumption, actual maturity of the stable balances may be considered as undefined.

Thus, the negative liquidity gap that arose as at 30 September 2021 in the amount of UAH 34,580,121 thousand based on the estimated maturities of the above-mentioned financial instruments has changed to a positive liquidity gap and may be estimated in the amount of UAH 30,153,380 thousand.

32. Related party transactions

The Bank grants loans and advances to customers, attracts deposits and performs other transactions with related parties in the ordinary course of business. Parties are considered to be related if one party has the ability directly or indirectly through one or more intermediaries to control the other party or exercise significant influence over the party when making financial and operational decisions. Terms and conditions of transactions with related parties are established on a daily basis and may differ from the market terms.

(in thousands of Hryvnias, unless otherwise indicated)

As at 30 September 2021, the Bank was 94.94% state-owned bank under the control of the Ministry of Finance of Ukraine (2020: 94.94%). Correspondingly transactions and balances with related parties comprise transactions with government, government-related entities (both directly and indirectly), key management personnel and entities, if any, that are controlled, jointly controlled, or significantly influenced by them.

A government-related entity is an entity that is controlled, jointly controlled or significantly influenced by the government. Government refers to government agencies and similar bodies whether local, national or international.

Business entities related to public authorities – business entities that are controlled, are under the joint control or significant influence of public authorities.

Public authorities – public authorities, government agencies and similar public authorities – local, national or international.

In considering each possible related party relationship, attention is focused on the substance of such relationship and not merely its legal form. The balances and transactions with related parties at the end of the period and the relevant amounts of profit and loss for the period are as follows:

| | 30 September 2021 | | | 30 September 2020 / 31 December 2020 | | |
|--|---------------------------------|-----------------------------|--------------------------------|---|-----------------------------|--------------------------------|
| | State controlled entities | Other related parties | Key management personnel | State controlled entities | Other related parties | Key management personnel |
| Assets | | | | | | |
| Cash and cash equivalents | - | - | - | 3,500,478 | - | - |
| Current accounts with the National Bank of Ukraine | 3,739,622 | - | - | 4,913,458 | - | - |
| Current accounts and overnight placements with other credit institutions | 190,617 | - | - | 116,309 | - | - |
| Due from credit institutions | 1,445 | - | - | 142 | - | - |
| Loans to customers and finance leases, gross | 13,386,654 | 6,155 | 22,471 | 13,901,802 | 3,602 | 23,003 |
| Less: expected credit losses / allowance for impairment | (1,098,137) | (11) | (197) | (1,094,596) | (2) | (176) |
| Investments at fair value through other comprehensive income | 32,076,670 | - | - | 50,336,550 | - | - |
| Liabilities | | | | | | |
| Due to National bank of Ukraine | 999,979 | - | - | - | - | - |
| Due to credit institutions | 904,285 | 8,530 | - | 1,429,020 | 10,214 | - |
| Due to customers – deposits | 8,259,287 | 539,472 | 31,683 | 16,455,587 | 417,925 | 45,701 |
| Due to customers – current accounts | 18,160,848 | 135,526 | 65,098 | 36,881,613 | 82,859 | 59,397 |
| Commitments and guarantees issued | 9,461,990 | 2,226 | 8,319 | 4,877,124 | 5,692 | 8,200 |

| | 30 September 2021 | | | 30 September 2020 / 31 December 2020 | | |
|---|---------------------------------|-----------------------------|--------------------------------|---|-----------------------------|--------------------------------|
| | State controlled entities | Other related parties | Key management personnel | State controlled entities | Other related parties | Key management personnel |
| Statement of profit or loss and other comprehensive income | | | | | | |
| Interest income on loans to customers | 952,051 | 310 | 1,446 | 652,319 | 253 | 1,196 |
| Interest income on investments at fair value through other comprehensive income | 2,733,513 | - | - | 2,505,507 | - | - |
| Interest income on deposit certificates of the National Bank of Ukraine | 270,135 | - | - | 909,991 | - | - |
| Interest expense on amounts due to the National Bank of Ukraine | 50,992 | - | - | - | - | - |
| Interest expense on amounts due to credit institutions | 25,658 | - | - | 36,029 | 77 | - |
| Interest expense on amounts due to customers | 951,523 | 8,218 | 1,449 | 1,625,313 | 24,033 | 1,701 |
| Credit loss expense for loans to customers: (accruals)/reversals | (3,542) | (9) | (21) | 86,824 | (15) | 190 |
| Net gains on investments at fair value through other comprehensive income | 225,867 | - | - | 108,553 | - | - |
| Other operating expense | 159,590 | - | - | 151,134 | - | - |

(in thousands of Hryvnias, unless otherwise indicated)

Concentration risk is determined by the Bank as the risk of possible losses due to concentration of risk in specific instruments, operations and industries.

The Bank's activities relate to a significant scale of operations with state-owned companies resulting in concentration of credit and investment risks in relation to certain counterparties and groups of related counterparties and industries.

As at 30 September 2021, 43% of assets and 37% of liabilities were concentrated in operations with state-owned companies, the National Bank of Ukraine, state banks and government authorities (2020: 53% assets and 45% liabilities).

The Bank manages concentration risk in its loan and investment portfolios by setting limits for counterparties and groups of counterparties.

Remuneration to key management personnel comprises the following:

| | 30 September 2021 | 30 September 2020 |
|---|------------------------------|------------------------------|
| Salaries and bonuses | 54,703 | 120,981 |
| Total remuneration to key management personnel | 54,703 | 120,981 |

33. Capital adequacy

The Bank's policy is to maintain a strong capital base to maintain investor, creditor and market confidence and to sustain future development of the business. The impact of the level of capital on shareholders' return is also considered and the Bank recognizes the need to maintain a balance between the higher returns that might be possible with greater gearing and the advantages and security afforded by a sound capital position.

The regulator, the National Bank of Ukraine, sets and monitors capital requirements for the Bank as a whole and monitors compliance with these requirements on the basis of reporting to national standards. The Bank as a whole and its individual banking operation are directly supervised by the local regulator.

Under the current capital requirements set by the National Bank of Ukraine, banks have to maintain a ratio of capital to risk weighted assets (statutory capital ratio) above the prescribed minimum level. As at 30 September 2021 and 2020 the minimum level required by the National Bank of Ukraine was 10%. The Bank complied with the statutory capital ratios during the periods ended 30 September 2021 and 2020.

The Bank analyses its activities to meet the minimum capital requirements, including the capital adequacy requirements calculated in accordance with the Basel Accord of 1988, as defined in the International Convergence: of Capital Measurement and Capital Standards (updated April 1998) and Amendment to the Capital Accord to incorporate market risks (updated November 2005), commonly known as Basel I. As at 30 September 2021 and 31 December 2020, the minimum level required by Basel I was 8% and the minimum Tier 1 capital adequacy ratio was 4%.

Analytical bases for calculation of capital adequacy according to the NBU requirements and requirements of Basel I are different, therefore are not comparable.

As at 30 September 2021 and 31 December 2020, the Bank's capital adequacy ratio was as follows:

| | 30 September 2021 | 31 December 2020 |
|---------------------------|------------------------------|-----------------------------|
| Base capital | 8,816,847 | 8,314,311 |
| Supplementary capital | 639,518 | 93,325 |
| Deductible | - | 6,660 |
| Regulatory Capital | 9,456,366 | 8,400,976 |
| N2 ratio | 19.17% | 14.31% |
| N3 ratio | 17.87% | 14.16% |

(in thousands of Hryvnias, unless otherwise indicated)

The following table shows the composition of the Bank's capital position calculated in accordance with the requirements of Basel I as at 30 September 2021 and 31 December 2020:

| | 30 September 2021 | 31 December 2020 |
|-----------------------------|------------------------------|-----------------------------|
| Tier 1 capital | 10,692,755 | 8,963,581 |
| Tier 2 capital | (843,140) | (414,750) |
| Total capital | 9,849,615 | 8,548,831 |
| Risk weighted assets | 68,378,687 | 73,057,413 |
| Tier 1 capital ratio | 15.64% | 12.27% |
| Total capital ratio | 14.40% | 11.70% |

As at 30 September 2021 and 31 December 2020 the Bank was in compliance with the capital ratio calculated in accordance with the Basel Accord.

34. Changes in liabilities arising from financing activities

| | <i>Due to the National Bank of Ukraine</i> | <i>Due to credit institutions (long-term)</i> | <i>Lease liabilities</i> | <i>Total</i> |
|---|--|---|------------------------------|--------------------|
| Carrying amount at 1 January 2020 | - | 2,453,166 | 131,747 | 2,584,913 |
| Additions | - | 1,402,766 | 61,580 | 1,464,346 |
| Repayment | - | (1,394,031) | (62,858) | (1,456,889) |
| Exchange differences | - | 703,854 | - | 703,854 |
| Other | - | (1,234) | (4,321) | (5,555) |
| Carrying amount at 31 December 2020 | - | 3,164,521 | 126,148 | 3,290,669 |
| Additions | 1,000,000 | 1,150,492 | 150,031 | 2,300,523 |
| Repayment | - | (1,413,189) | (55,665) | (1,468,854) |
| Exchange differences | - | (292,792) | - | (292,792) |
| Other | (21) | 10,186 | (6,686) | 3,479 |
| Carrying amount at 30 September 2021 | 999,979 | 2,619,218 | 213,828 | 3,833,025 |

35. Subsequent events

After the reporting date, the Board of the National Bank of Ukraine on October 22, 2021 adopted a decision to maintain the discount rate at 8.5% per annum.

In Ukraine, there has been a significant increase in the incidence of coronavirus COVID-19 against the background of low levels of vaccination, which may threaten a more severe lockdown and a significant slowdown in business activity.