# STATE BANK FOR FOREIGN ECONOMIC AFFAIRS OF TURKMENISTAN

Financial Statements and Independent Auditor's Report for the Year Ended 31 December 2016

## **Table of contents**

	Page
STATEMENT OF MANAGEMENT'S RESPONSIBILITIES FOR THE PREPARATION AND APPROVAL OF THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2016	1
INDEPENDENT AUDITOR'S REPORT	2-4
FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2016:	
Statement of profit or loss and other comprehensive income	5
Statement of financial position	6
Statement of changes in equity	7
Statement of cash flows	8-9
Notes to the financial statements	10-43

Statement of Management's Responsibilities For the Preparation and Approval of the Financial Statements For the Year Ended 31 December 2016

Management is responsible for the preparation of the financial statements that present fairly the financial position of State Bank for Foreign Economic Affairs of Turkmenistan ("the Bank") as at 31 December 2016, and the results of its operations, cash flows and changes in shareholders' equity for the year then ended, in compliance with International Financial Reporting Standards ("IFRS").

In preparing the financial statements, Management is responsible for:

Properly selecting and applying accounting policies;

 Presenting information, including accounting policies, in a manner that provides relevant, reliable, comparable and understandable information;

 Providing additional disclosures when compliance with the specific requirements in IFRSs are insufficient to enable users to understand the impact of particular transactions, other events and conditions on the Bank's financial position and financial performance; and

Making an assessment of the Bank's ability to continue as a going concern

### Management is also responsible for:

 Designing, implementing and maintaining an effective and sound system of internal controls, throughout the Bank;

 Maintaining adequate accounting records that are sufficient to show and explain the Bank's transactions and disclose with reasonable accuracy at any time the financial position of the Bank, and which enable them to ensure that the financial statements of the Bank comply with IFRS;

 Maintaining statutory accounting records in compliance with legislation and accounting standards of Turkmenistan;

Taking such steps as are reasonably available to them to safeguard the assets of the Bank; and

Preventing and detecting fraud and other irregularities.

The financial statements of the Bank for the year ended 31 December 2016 were approved by the Management Board on 19 June 2017.

On behalf of the Management Board of the Bank:

Jepbarov R.J. Chairman of the Board

19 June 2017 Ashgabat, Turkmenistan Khangeldyev Zh.

19 June 2017 Ashgabat, Turkmenistan

### INDEPENDENT AUDITOR'S REPORT

To the Partner and Management of the State Bank for Foreign Economic Affairs of Turkmenistan:

#### Opinion

We have audited the financial statements the State Bank for Foreign Economic Affairs of Turkmenistan (the "Bank"), which comprise the statement of financial position as at 31 December 2016, the statement of profit or loss and other comprehensive income, the statement of changes in equity and the statement of cash flows for the year then ended, and notes to the financial statements, including a summary of the significant accounting policies.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Bank as at 31 December 2016, and its financial performance and its cash flows for the year then ended in accordance with International Financial Reporting Standards ("IFRSs") and the approved accounting policies of the Bank.

### **Basis for Opinion**

We conducted our audit in accordance with International Standards on Auditing ("ISAs"). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the Bank in accordance with the International Ethics Standards Board for Accountants' Code of Ethics for Professional Accountants (the "IESBA Code") together with the ethical requirements that are relevant to our audit of the financial statements in Turkmenistan, and we have fulfilled our other ethical responsibilities in accordance with these requirements and the IESBA Code. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

# Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with IFRSs and the approved accounting policies of the Bank, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Bank's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Bank or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Bank's financial reporting process.

### Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with ISAs, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Bank's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Bank's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Bank to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

Deloitte, LLP

19 June 2017 Almaty, Kazakhstan

Statement of Profit or Loss and Other Comprehensive Income For the Year Ended 31 December 2016

(in Turkmen Manat and in thousands)

	Notes	Year ended 31 December 2016	Year ended 31 December 2015
Interest income Interest expense	4, 18 4, 18	482,014 (320,145)	302,031 (193,224)
NET INTEREST INCOME BEFORE PROVISION FOR IMPAIRMENT LOSSES ON INTEREST BEARING ASSETS	4	161,869	108,807
Provision for impairment losses on interest bearing assets	5, 18	(36,695)	(293)
NET INTEREST INCOME		125,174	108,514
Net gain on foreign exchange operations Fee and commission income Fee and commission expense Other expense, net	6, 18 6	9,920 90,178 (64,381) (11,160)	7,139 94,666 (69,164) (17,923)
NET NON-INTEREST INCOME		24,557	14,718
OPERATING INCOME		149,731	123,232
OPERATING EXPENSES		(18,854)	(17,390)
PROFIT BEFORE INCOME TAX		130,877	105,842
Income tax expense	7	(28,154)	(26,788)
NET PROFIT		102,723	79,054
TOTAL COMPREHENSIVE INCOME	11.534.30	102,723	79,054

On behalf of the Management Board:

Jepbarov R.J. Chairman of the Board

19 June 2017 Ashgabat, Turkmenistan Khangeldyev Zh. Chief Accountant

19 June 2017 Ashgabat, Turkmenistan

The notes on pages 10-43 form an integral part of these financial statements.

## Statement of Financial Position As at 31 December 2016

(in Turkmen Manat and in thousands)

		31 December	31 December
	Notes	2016	2015
ASSETS:			
Cash and balances with the Central Bank of Turkmenistan	8, 18	4,521,622	4,262,186
Due from banks	9, 18	10,369,760	11,121,266
Loans to customers	10, 18	11,896,794	4,681,249
Held to maturity investments		47,250	45,000
Investments available-for-sale		3,996	3,872
Investments in associates		16,832	16,825
Investment property		12.128	12,524
Assets held for sale			7,834
Property, equipment and intangible assets		60,073	60,994
Premises built under a state program		98,972	64,923
Deferred tax asset	7		143
Other assets	11	747,646	806,995
TOTAL ASSETS		27,775,073	21,083,811
LIABILITIES AND EQUITY			
LIABILITIES:			
Due to banks	12, 18	333,601	273,584
Customer accounts	13, 18	16,110,447	16,620,548
Other borrowed funds	14	9,916,793	2,825,635
Current tax liabilities		11,017	10,909
Deferred tax liabilities	7	1,791	
Other liabilities	15	718,788	773,222
Total llabilities		27,092,437	20,503,898
EQUITY:			
Share capital	16	469,987	417,659
Property revaluation reserve	10	21,580	22,481
Retained earnings		191,069	139,773
	and the same of th		100///0
Total equity		682,636	579,913

On behalf of the Management Board:

Jepbarov R.J. Chairman of the Board

19 June 2017 Ashgabat, Turkmenistan Khangeldye Zh. Chief Accountant

19 June 2017 Ashgabat, Turkmenistan

The notes on pages 10-43 form an integral part of these financial statements.

Statement of Changes in Equity For the Year Ended 31 December 2016

(in	Turkmen	Manat	and in	thousands	)

	Note	Share capital	Property revaluation reserve	Retained earnings	Total equity
As at 31 December 2014 Distribution of profit Depreciation of property	16	<b>376,747</b> 40,912	26,087	<b>98,025</b> (40,912)	500,859
and equipment revaluation reserve			(3,606)	3,606	
Total comprehensive income		•	•	79,054	79,054
As at 31 December 2015		417,659	22,481	139,773	579,913
Distribution of profit Depreciation of property	16	52,328		(52,328)	-
and equipment revaluation reserve			(901)	901	
Total comprehensive income			<u>,                                    </u>	102,723	102,723
As at 31 December 2016		469,987	21,580	191,069	682,636

On behalf of the Management Board:

Jepbarov R.J. Chairman of the Board

19 June 2017 Ashgabat, Turkmenistan Khangeldyev Zh. Chief Accountant

19 June 2017 Ashgabat, Turkmenistan

The notes on pages 10-43 form an integral part of these financial statements.

Statement of Cash Flows For the Year Ended 31 December 2016

fill i militarion i remember mile in mile entre	(in	Turkmen	Manat	and in	thousands)	
---	-----	---------	-------	--------	------------	--

	Notes	Year ended 31 December 2016	Year ended 31 December 2015
CASH FLOWS FROM OPERATING ACTIVITIES: Profit before income tax Adjustment for:		130,877	105,842
Depreciation and amortization Provision for impairment losses	5	3,643 36,695	3,866 293
Loss on write off of property and equipment Loss on foreign exchange operations Other expense, net Change in interest accruals, net		17,045 7,834 (54,754)	37 2,133,557 14,569 (9,613)
	-	(0, 1, 1, 0, 3)	
Cash inflow from operating activity before changes in operating assets and liabilities		141,340	2,248,551
Changes in operating assets and liabilities (Increase)/decrease in operating assets:			
Minimum reserve deposits with the Central Bank of Turkmenistan	8	(33,975)	(21,793)
Due from banks	9 10	(3,100,641) (7,161,201)	81,127 (744,223)
Loans to customers Assets held for sale	10	(7,101,201)	721
Other assets	11	161,395	(149,947)
Increase/(decrease) in operating liabilities:			
Due to banks	12, 18	60,017	62,306
Customer accounts	13, 18 15	(515,616) (147,96 <u>3)</u>	2,912,646 122,328
Other liabilities		(147,503)	200,000
Cash (outflow)/inflow from operating activities before taxation	_	(10,596,644)	4,511,716
Income tax paid	7	(26,220)	(22,549)
Net cash (outflow)/inflow from operating activities		(10,622,864)	4,489,167
CASH FLOWS FROM INVESTING ACTIVITIES: Purchase of investments available-for-sale		(124)	(1,018)
Purchase of held to maturity investments		-	(45,000)
Receipts from investment in associates		(7) (2,326)	271 (565)
Purchase of property, equipment and intangible assets  Payments for premises built under a state program		(34,049)	(51,761)
· · · · · · · · · · · · · · · · · · ·			
Net cash outflow from investing activities		(36,506)	(98,073)

Statement of Cash Flows
For the Year Ended 31 December 2016 (Continued)

(in Turkmen Manat and in thousands)

	Note	Year ended 31 December s 2016	Year ended 31 December 2015
CASH FLOWS FROM FINANCING ACTIVITIES: Repayment of other borrowed funds Receipt of other borrowed funds	14 14	(455,002) 7,483,538	(299,735) 949,099
Net cash inflow from financing activities		7,028,536	649,364
NET (DECREASE)/INCREASE IN CASH AND CASH EQUIVALE	NTS	(3,630,834)	5,040,458
Effect of changes in exchange rates on cash and cash equiva	lents	(15)	143,772
CASH AND CASH EQUIVALENTS, beginning of the year	8	15,171,411	9,987,181
CASH AND CASH EQUIVALENTS, end of the year	8	11,540,562	15,171,411

Interest paid and received by the Bank during the year ended 31 December 2016 amounted to TMT 244,418 thousand and TMT 360,422 thousand, respectively.

Interest paid and received by the Bank during the year ended 31 December 2015 amounted to TMT 87,274 thousand and TMT 136,330 thousand, respectively.

On behalf of the Management Board:

Jepbarov R.J. Chairman of the Board

19 June 2017 Ashgabat, Turkmenistan Khangeldyev Zh. Chief Accountant

19 June 2017 Ashgabat, Turkmenistan

The notes on pages 9-43 form an integral part of these financial statements.

Notes to the Financial Statements For the Year Ended 31 December 2016 (in Turkmen Manat and in thousands)

## 1. Organization

The State Bank for Foreign Economic Affairs of Turkmenistan ("the Bank") was established on 27 January 1992 in Turkmenistan as a state commercial bank by the Decree of the President of Turkmenistan. The Bank operates under general banking licence #97 and licence #32 for operations in foreign currencies. The principal activities of the Bank include operations on deposit taking and the maintenance of customer accounts, lending and issuing guarantees, cash and settlement operations and operations with securities and foreign exchange, and other commercial banking activities. The activities of the Bank are regulated by the Central Bank of Turkmenistan ("the CBT").

The registered office of the Bank is located at 32, Garashsyzlyk Street, Ashgabat, Turkmenistan, 744000.

As at 31 December 2016 and 2015, the Bank has two branches.

The Bank is entirely owned by the Government of Turkmenistan.

These financial statements were authorized for issue on 19 June 2017 by the Management Board of the Bank.

### 2. Basis of Presentation

### Statement of compliance

These financial statements of the Bank 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").

These financial statements have been prepared on the assumption that the Bank is a going concern and will continue in operation for the foreseeable future.

These financial statements have been prepared under the historical cost convention.

## **Key assumptions**

These financial statements have been prepared according to the Turkmenistan statutory accounting records and have been adjusted to conform to IFRS. These adjustments include certain reclassifications to reflect the economic substance of underlying transactions including reclassifications of certain assets and liabilities, income and expenses to appropriate financial statement captions.

The preparation of the financial statements in accordance with IFRS requires management of the Bank to make estimates and assumptions that affect the reported amounts. Such estimates and assumptions are based on the information available to the Bank's management as of the date of the financial statements. Therefore, actual results could differ from those estimates and assumptions. Estimates that are particularly susceptible to change relate to the allowance for doubtful accounts and provisions for impairment losses.

### **Functional currency**

Items included in the financial statements of the Bank are measured using the currency that best reflects the economic substance of the underlying events and circumstances relevant to that Bank ("the functional currency"). The functional currency of these financial statements is the Turkmen manat ("TMT").

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)
(in Turkmen Manat and in thousands)

## 3. Significant accounting policies

## Recognition and measurement of financial instruments

The Bank recognizes financial assets and liabilities on its statement of financial position when it becomes a party to the contractual obligation of the instrument. Regular way purchase and sale of the financial assets and liabilities are recognized using settlement date accounting. Regular way purchases of financial instruments that will be subsequently measured at fair value between trade date and settlement date are accounted for in the same way as for acquired instruments.

Financial assets and liabilities are initially recognized at fair value plus, in the case of a financial asset or financial liability not at fair value through profit or loss, transaction costs that are directly attributable to acquisition or issue of the financial asset or financial liability. The accounting policies for subsequent re-measurement of these items are disclosed in the respective accounting policies set out below.

### Derecognition of financial assets and 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; and
- the Bank either (a) has transferred substantially 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.

A financial asset is derecognized when it has been transferred and the transfer qualifies for derecognition. A transfer requires that the Bank either: (a) transfers the contractual rights to receive the asset's cash flows; or (b) retains the right to the asset's cash flows but assumes a contractual obligation to pay those cash flows to a third party. After a transfer, the Bank reassesses the extent to which it has retained the risks and rewards of ownership of the transferred asset. If substantially all the risks and rewards have been retained, the asset remains in the statement of financial position. If substantially all of the risks and rewards have been transferred, the asset is derecognized. If substantially all the risks and rewards have been neither retained nor transferred, the Bank assesses whether or not is has retained control of the asset. If it has not retained control, the asset is derecognized. Where the Bank has retained control of the asset, it continues to recognize the asset to the extent of its continuing involvement.

#### Financial liabilities

A financial liability is derecognized when the obligation 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 de-recognition of the original liability and the recognition of a new liability, and the difference in the respective carrying amounts is recognized in the statement of comprehensive income.

## Cash and balances with the Central Bank of Turkmenistan

Cash and cash equivalents consist of cash on hand and unrestricted balances on correspondent accounts with the Central Bank of Turkmenistan (further as "CBT"). For the purposes of determining cash flows, correspondent accounts with other banks with an original maturity within three months are included to cash and cash equivalents. Minimum reserve deposit with the CBT is not considered to be a cash equivalent due to the restrictions on its usage.

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)
(in Turkmen Manat and in thousands)

#### Due from banks

In the normal course of business, the Bank maintains advances or deposits for various periods of time with other banks. Loans to banks with a fixed maturity term are subsequently measured at amortized cost using the effective interest method. Those that do not have fixed maturities are carried at amortized cost based on expected maturities. Amounts due from credit institutions are carried net of allowance for impairment losses, if any.

#### Loans to customers

Loans to customers are non-derivative assets with fixed or determinable payments that are not quoted in an active market, other than those classified in other categories of financial assets.

Loans granted by the Bank with fixed maturities are initially recognized at fair value plus related transaction costs. Where the fair value of consideration given does not equal the fair value of the loan, for example where the loan is issued at lower than market rates, the difference between the fair value of consideration given and the fair value of the loan is recognized as a loss on initial recognition of the loan and included in the statement of profit or loss and other comprehensive income according to nature of these losses. Subsequently, loans are carried at amortized cost using the effective interest method. Loans to customers are carried net of any allowance for impairment losses.

### Write off of loans and receivables

Loans and receivables are written off against the allowance for impairment losses when deemed uncollectible. Loans and advances are written off after management has exercised all possibilities available to collect amounts due to the Bank and after the Bank has sold all available collateral. Subsequent recoveries of amounts previously written off are reflected as an offset to the charge for impairment of financial assets in the statement of profit or loss and other comprehensive income in the period of recovery.

### Allowance for impairment losses

The Bank accounts for impairment of financial assets not recorded at fair value when there is objective evidence of impairment of a financial asset or a group of financial assets. The impairment of financial assets represents a difference between the carrying value of the asset and current value of estimated future cash flows including amounts which can be received on guarantees and security discounted using an initial effective interest rate on financial assets recorded at amortized value. If in a subsequent period the impairment amount decreases and such a decrease can be objectively associated with an event occurring after recognition of the impairment then the previously recognized impairment loss is reversed with an adjustment of the provision account.

For the financial instruments recorded at cost the impairment represents the difference between the carrying value of the financial asset and current value of the estimated future cash flows discounted using the current market interest rate for a similar financial instrument. Such impairment losses are not reversed.

The impairment is calculated based on the analysis of assets subject to risks and reflects the amount sufficient, in the opinion of the management, to cover relevant losses. The provisions are created as a result of an individual evaluation of assets subject to risks regarding financial assets being material individually and on the basis of an individual or joint evaluation of financial assets not being material individually.

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)

(in Turkmen Manat and in thousands)

The change in the impairment is included into profits using the provision account (financial assets recorded at amortized cost) or by a direct write-off (financial assets recorded at cost). Assets recorded in the statement of financial position are reduced by the amount of the impairment. The factors the Bank evaluates in determining the presence of objective evidence of occurrence of an impairment loss include information on liquidity of the debtor or issuer, their solvency, business risks and financial risks, levels and tendencies of default on obligations on similar financial assets, national and local economic tendencies and conditions, and fair value of the security and guarantees. These and other factors individually or in the aggregate represent, to a great extent, an objective evidence of recognition of the impairment loss on the financial asset or group of financial assets.

It should be noted that the evaluation of losses includes a subjective factor. The management of the Bank believes that the amount of recorded impairment is sufficient to cover losses incurred on assets subject to risks at the reporting date, although it is probable that in certain periods the recorded reserves for impairment losses may not reflect the actual conditions.

### Held to maturity investments

Held to maturity investments are non-derivative financial assets with fixed or determinable payments and fixed maturity dates that the Bank has the positive intent and ability to hold to maturity. Held to maturity investments are measured at amortised cost using the effective interest method less any impairment.

If the Bank were to sell or reclassify more than an insignificant amount of held to maturity investments before maturity (other than in certain specific circumstances), the entire category would be tainted and would have to be reclassified as available-for-sale. Furthermore, the Bank would be prohibited from classifying any financial asset as held to maturity during the current financial year and following two financial years.

#### Investments available-for-sale

Investments available-for-sale are represented by equity investments that are intended to be held for an indefinite period. Non-marketable equity securities are stated at cost less impairment losses, if any, unless the fair value can be reliably measured.

### Investment in associates

Associates are those entities in which the Bank has significant influence, but not control, over the financial and operating policies. The financial statements include the Bank's share of the total recognised gains and losses of associates on an equity accounted basis, from the date that significant influence effectively commences until the date that significant influence effectively ceases. When the Bank's share of losses exceeds the Bank's interest (including long-term loans) in the associate, that interest is reduced to nil and recognition of further losses is discontinued except to the extent that the Bank has incurred obligations in respect of the associate.

## **Investment property**

Investment property is property held to earn rental income or for capital appreciation or for both, but not for sale in the normal course of business, or for the use in production or supply of goods or services or for administrative purposes. Investment property is measured at cost.

#### Assets held for sale

Assets held for sale are measured at the lower of cost and net realisable value.

Net realisable value is the estimated selling price in the ordinary course of business, less the estimated costs of completion and selling expenses.

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)

(in Turkmen Manat and in thousands)

# Property, equipment and intangible assets

Property, equipment and intangible assets are carried at historical cost less accumulated depreciation. Management conducted a revaluation of property, plant and equipment in 2012 in accordance with coefficients developed by the Ministry of Finance of Turkmenistan using Turkmenistan statistical data. Depreciation on assets under construction and those not placed in service commences from the date the assets are ready for their intended use.

Depreciation of property, equipment and intangible assets is charged on the carrying value of property, equipment and intangible assets and is designed to write off assets over their useful economic lives. It is calculated on a straight line basis at the following annual prescribed rates:

Buildings and other real estate Furniture and equipment	2-5% 5-50%
Vehicles	10-20%
Intangible assets	10-50%

The carrying amounts of property and equipment are reviewed at each reporting date to assess whether they are recorded in excess of their recoverable amounts. The recoverable amount is the higher of fair value less costs to sell and value in use. Where carrying values exceed the estimated recoverable amount, assets are written down to their recoverable amount; impairment is recognized in the respective period and is included in operating expenses. After the recognition of an impairment loss the depreciation charge for property and equipment is adjusted in future periods to allocate the assets' revised carrying value, less its residual value (if any), on a systematic basis over its remaining useful life.

## Premises built under a state program

Premises built under a state program are properties held to earn rentals and/or to be transferred to the Government (including property under construction for such purposes). Premises built under state program are measured initially at cost, including transaction costs. Subsequent to initial recognition, premises built under state program is carried at historical cost net of accumulated depreciation and recognized impairment loss. Depreciation is calculated on a straight line basis over the useful life of the assets, which varies from 20 to 50 years. Management conducted a revaluation of property, plant and equipment in 2012 in accordance with coefficients developed by the Ministry of Finance of Turkmenistan using Turkmenistan statistical data.

The carrying amounts of premises built under a state program are reviewed at each reporting date to assess whether they are recorded in excess of their recoverable amounts. The recoverable amount is the higher of fair value less costs to sell and value in use. Where carrying values exceed the estimated recoverable amount, assets are written down to their recoverable amount; impairment is recognized in the respective period and is included in operating expenses. After the recognition of an impairment loss the depreciation charge for premises built under state program is adjusted in future periods to allocate the assets' revised carrying value, less its residual value (if any), on a systematic basis over its remaining useful life.

Premises built under a state program are derecognized upon disposal or when the premises built under state program are permanently withdrawn from use and no future economic benefits are expected from the disposal. Any gain or loss arising on derecognition of the property (calculated as the difference between the net disposal proceeds and the carrying amount of the asset) is included in profit or loss in the period in which the property is derecognized.

### **Taxation**

The Bank is subject to income tax per local requirements and also subject to municipal charges and contributions to agricultural development, which are computed based on net income.

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)

(in Turkmen Manat and in thousands)

Deferred tax is the tax expected to be payable or recoverable on differences between the carrying amounts of assets and liabilities in the financial statements and the corresponding tax bases used in the computation of taxable profit, and is accounted for using the balance sheet liability method. Deferred tax liabilities are generally recognized for all taxable temporary differences and deferred tax assets are recognized to the extent that it is probable that taxable profits will be available against which deductible temporary differences can be utilized.

The carrying amount of deferred tax assets is reviewed at each reporting date and reduced to the extent that it is no longer probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered.

Deferred tax is calculated at the tax rates that are expected to apply in the period when the liability is settled or the asset is realized. Deferred tax is charged or credited to profit or loss, except when it relates to items charged or credited directly to statement of other comprehensive income, in which case the deferred tax is also dealt with in statement of other comprehensive income.

Deferred income tax assets and deferred income tax liabilities are offset and reported net in the statement of financial position if:

- The Bank has a legally enforceable right to set off current income tax assets against current income tax liabilities; and
- Deferred income tax assets and the deferred income tax liabilities relate to income taxes levied by the same taxation authority on the same taxable entity.

Turkmenistan where the Bank operates also has various other taxes, which are assessed on the Bank's activities. These taxes are included as a component of operating expenses in the statement of profit or loss and other comprehensive income.

## Due to banks, customer accounts and other borrowed funds

Due to banks, customer accounts and other borrowed funds are initially recognized at fair value. Subsequently amounts due are stated at amortized cost and any difference between carrying and redemption value is recognized in the statement of profit and loss and other comprehensive income over the period of the borrowings using the effective interest method.

### **Provisions**

Provisions are recognized when the Bank has a present legal or constructive obligation as a result of past events, and it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation and a reliable estimate of the obligation can be made. Recorded amounts as of the reporting date represent the Bank's best estimate of the expenditure required to settle the liability.

# Financial guarantee contracts issued and letters of credit

Financial guarantee contracts and letters of credit issued by the Bank provide for specified payments to be made in order to reimburse the holder for a loss incurred such that payments are made when a specified debtor fails to make payment when due under the original or modified terms of a debt instrument. Such financial guarantee contracts and letters of credit issued are initially recognized at fair value. Subsequently they are measured at the higher of (a) the amount recognized as a provision in accordance with IAS 37 "Provisions, Contingent Liabilities and Contingent Assets"; and (b) the amount initially recognized less, where appropriate, cumulative amortization of initial premium revenue received over the financial guarantee contracts or letter of credit issued.

#### **Contingencies**

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

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)
(in Turkmen Manat and in thousands)

### Share capital

Contributions to share capital made before 1 January 2009 are recognized at their cost restated for inflation. Contributions to share capital made after 1 January 2009 are recognized at cost.

### Recognition of income and expense

Recognition of interest income and expense

Interest income and expense are recognized on an accrual basis using the effective interest method. The effective interest 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, when appropriate, a shorter period to the net carrying amount of the financial asset or financial liability.

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.

### Foreign currency translation

The financial statements of the Bank are presented in the currency of the primary economic environment in which the Bank operates. In preparing the financial statements monetary assets and liabilities denominated in currencies other than the Bank's functional currency (foreign currencies) are translated at the appropriate spot rates of exchange rates prevailing at the reporting date. Transactions in currencies other than the functional currency are accounted for at the exchange rates prevailing at the date of the transaction. Profits and losses arising from these translations are included in net gain on foreign exchange operations.

### Rates of exchange

The exchange rates at year end used by the Bank in the preparation of the financial statements are as follows:

	31 December 2016	31 December 2015
TMT/1 US Dollar TMT/1 Euro TMT/1 Japan Yen	3.5000 3.6943 0.0299	3.5000 3.8287 0.0291
TMT/1 Chinese Yuan	0.5039	0.5393

#### Offset of financial assets and liabilities

Financial assets and liabilities are offset and reported net on the statement of financial position when the Bank has a legally enforceable right to set off the recognized amounts and the Bank intends either to settle on a net basis or to realize the asset and settle the liability simultaneously.

In accounting for a transfer of a financial asset that does not qualify for derecognition, the Bank does not offset the transferred asset and the associated liability.

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)
(in Turkmen Manat and in thousands)

# Areas of significant management judgment and sources of estimation uncertainty

The preparation of the Bank's financial statements requires management to make estimates and judgments that affect the reported amounts of assets and liabilities at the reporting date and the reported amount of income and expenses during the period ended. Management evaluates its estimates and judgments on an ongoing basis. Management bases its estimates and judgments on historical experience and on various other factors that are believed to be reasonable under the circumstances. Actual results may differ from these estimates under different assumptions or conditions. The following estimates and judgments are considered important to the portrayal of the Bank's financial condition.

## Allowance for impairment of loans

The Bank regularly reviews its loans to assess for impairment. The Bank's loan impairment provisions are established to recognize incurred impairment losses in its portfolio of loans. The Bank considers accounting estimates related to allowance for impairment of loans a key source of estimation uncertainty because (i) they are highly susceptible to change from period to period as the assumptions about future default rates and valuation of potential losses relating to impaired loans are based on recent performance experience, and (ii) any significant difference between the Bank's estimated losses and actual losses would require the Bank to record provisions which could have a material impact on its financial statements in future periods.

The Bank uses management's judgment to estimate the amount of any impairment loss in cases where a borrower has financial difficulties and there are few available sources of historical data relating to similar borrowers. Similarly, the Bank estimates changes in future cash flows based on past performance, past customer behavior, observable data indicating an adverse change in the payment status of borrowers in a group, and national or local economic conditions that correlate with defaults on assets in the group. Management uses estimates based on historical loss experience for assets with credit risk characteristics and objective evidence of impairment similar to those in the group of loans. The Bank uses management's judgment to adjust observable data for a group of loans to reflect current circumstances not reflected in historical data.

The allowances for impairment of financial assets in the financial statements have been determined on the basis of existing economic and political conditions. The Bank is not in a position to predict what changes in conditions will take place in country and what effect such changes might have on the adequacy of the allowances for impairment of financial assets in future periods.

# Application of new and revised International Financial Reporting Standards (IFRSs)

## New and revised IFRSs in issue but not yet effective

The Bank has not applied the following new and revised IFRSs that have been issued but are not yet effective:

- IFRS 9 Financial Instruments<sup>2</sup>;
- IFRS 15 Revenue from Contracts with Customers (and the related Clarifications)<sup>2</sup>;
- Amendments to IAS 7 Disclosure Initiative<sup>1</sup>;
- Amendments to IAS 12 Recognition of Deferred Tax Assets for Unrealised Losses<sup>1</sup>;
- Amendments to IAS 16 and IAS 38 Clarification of Acceptable Methods of Depreciation and Amortisation;
- IFRS 14 Regulatory Deferral Accounts;
- Annual Improvements to IFRSs 2014-2016 Cycle;

<sup>&</sup>lt;sup>1</sup> Effective for annual periods beginning on or after 1 January 2017, with earlier application permitted.

<sup>&</sup>lt;sup>2</sup> Effective for annual periods beginning on or after 1 January 2018, with earlier application permitted.

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)

(in Turkmen Manat and in thousands)

### **IFRS 9 Financial Instruments**

IFRS 9 issued in November 2009 introduced new requirements for the classification and measurement of financial assets. IFRS 9 was subsequently amended in October 2010 to include requirements for the classification and measurement of financial liabilities and for derecognition, and in November 2013 to include the new requirements for general hedge accounting. Another revised version of IFRS 9 was issued in July 2014 mainly to include a) impairment requirements for financial assets and b) limited amendments to the classification and measurement requirements by introducing a 'fair value through other comprehensive income' (FVTOCI) measurement category for certain simple debt instruments.

The key requirements of IFRS 9 are:

Classification and measurement of financial assets

All recognised financial assets that are within the scope of IFRS 9 are required to be subsequently measured at amortised cost or fair value. Specifically, debt investments that are held within a business model whose objective is to collect the contractual cash flows, and that have contractual cash flows that are solely payments of principal and interest on the principal outstanding are generally measured at amortised cost at the end of subsequent accounting periods. Debt instruments that are held within a business model whose objective is achieved both by collecting contractual cash flows and selling financial assets, and that have contractual terms that give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding, are generally measured at FVTOCI. All other debt investments and equity investments are measured at their fair value at the end of subsequent accounting periods. In addition, under IFRS 9, entities may make an irrevocable election to present subsequent changes in the fair value of an equity investment (that is not held for trading nor contingent consideration recognised by an acquirer in a business combination to which IFRS 3 applies) in other comprehensive income, with only dividend income generally recognised in profit or loss.

## Classification and measurement of financial liabilities

With regard to the measurement of financial liabilities designated as at fair value through profit or loss, IFRS 9 requires that the amount of change in the fair value of a financial liability that is attributable to changes in the credit risk of that liability is presented in other comprehensive income, unless the recognition of such changes in other comprehensive income would create or enlarge an accounting mismatch in profit or loss. Changes in fair value attributable to a financial liability's credit risk are not subsequently reclassified to profit or loss. Under IAS 39, the entire amount of the change in the fair value of the financial liability designated as fair value through profit or loss is presented in profit or loss.

### Impairment

In relation to the impairment of financial assets, IFRS 9 requires an expected credit loss model, as opposed to an incurred credit loss model under IAS 39. The expected credit loss model requires an entity to account for expected credit losses and changes in those expected credit losses at each reporting date to reflect changes in credit risk since initial recognition. In other words, it is no longer necessary for a credit event to have occurred before credit losses are recognised.

## Derecognition

The requirements for the derecognition of financial assets and liabilities are carried forward from IAS 39.

The standard is effective from 1 January 2018 with early application permitted. Depending on the chosen approach to applying IFRS 9, the transition can involve one or more than one date of initial application for different requirements.

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)
(in Turkmen Manat and in thousands)

The management of the Bank anticipates that the application of IFRS 9 in the future may have a significant impact on amounts reported in respect of the Bank's financial assets and financial liabilities. However, it is not practicable to provide a reasonable estimate of the effect of IFRS 9 until a detailed review has been completed.

## **IFRS 15 Revenue from Contracts with Customers**

IFRS 15 establishes a single comprehensive model for entities to use in accounting for revenue arising from contracts with customers. IFRS 15 will supersede the current revenue recognition guidance including IAS 18 Revenue, IAS 11 Construction Contracts and the related Interpretations when it becomes effective.

The core principle of IFRS 15 is that an entity should recognise revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. Specifically, the Standard introduces a 5-step approach to revenue recognition:

- Identify the contract with the customer;
- Identify the performance obligations in the contract;
- Determine the transaction price;
- Allocate the transaction price to the performance obligations in the contracts;
- Recognize revenue when (or as) the entity satisfies a performance obligation.

Under IFRS 15, an entity recognises revenue when or as a performance obligation is satisfied, i.e. when 'control' of the goods or services underlying the particular performance obligation is transferred to the customer. Far more prescriptive guidance has been added in IFRS 15 to deal with specific scenarios. Furthermore, extensive disclosures are required by IFRS 15.

The management of the Bank anticipates that the application of IFRS 15 in the future may have a significant impact on amount and timing of revenue recognition. However, it is not practicable to provide a reasonable estimate of the effect of IFRS 15 until a detailed review has been completed.

## Amendments to IAS 7 Disclosure Initiative

The amendments require an entity to provide disclosures that enable users of financial statements to evaluate changes in liabilities arising from financing activities.

The amendments apply prospectively for annual periods beginning on or after 1 January 2017 with earlier application permitted.

The management of the Bank does not anticipate that the application of these amendments will have a material impact on the Bank's financial statements.

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)

(in Turkmen Manat and in thousands)

### Amendments to IAS 12 Recognition of Deferred Tax Assets for Unrealised Losses

The amendments clarify the following:

- Decreases below cost in the carrying amount of a fixed-rate debt instrument measured at
  fair value for which the tax base remains at cost give rise to a deductible temporary
  difference, irrespective of whether the debt instrument's holder expects to recover the
  carrying amount of the debt instrument by sale or by use, or whether it is probable that the
  issuer will pay all the contractual cash flows;
- 2. When an entity assesses whether taxable profits will be available against which it can utilise a deductible temporary difference, and the tax law restricts the utilization of losses to deduction against income of a specific type (e.g. capital losses can only be set off against capital gains), an entity assesses a deductible temporary difference in combination with other deductible temporary differences of that type, but separately from other types of deductible temporary differences;
- 3. The estimate of probable future taxable profit may include the recovery of some of an entity's assets for more than their carrying amount if there is sufficient evidence that it is probable that the entity will achieve this; and
- 4. In evaluating whether sufficient future taxable profits are available, an entity should compare the deductible temporary differences with future taxable profits excluding tax deductions resulting from the reversal of those deductible temporary differences.

The amendments apply retrospectively for annual periods beginning on or after 1 January 2017 with earlier application permitted.

The management of the Bank does not anticipate that the application of these amendments will have a material impact on the Bank's financial statements.

# Amendments to IAS 16 and IAS 38 Clarification of Acceptable Methods of Depreciation and Amortisation

The Bank has applied these amendments for the first time in the current year. The amendments to IAS 16 prohibit entities from using a revenue-based depreciation method for items of property, plant and equipment. The amendments to IAS 38 introduce a rebuttable presumption that revenue is not an appropriate basis for amortisation of an intangible asset. This presumption can only be rebutted in the following two limited circumstances:

- a. when the intangible asset is expressed as a measure of revenue; or
- b. when it can be demonstrated that revenue and consumption of the economic benefits of the intangible asset are highly correlated.

As the Bank already uses the straight-line method for depreciation and amortisation for its property, equipment and intangible assets respectively, the application of these amendments has had no impact on the Bank's financial statements.

### **IFRS 14 Regulatory Deferral Accounts**

The Bank has applied the new standard for the first time in the current year. IFRS 14 permits an entity which is a first-time adopter of International Financial Reporting Standards to continue to account, with some limited changes, for 'regulatory deferral account balances' in accordance with its previous GAAP, both on initial adoption of IFRS and in subsequent financial statements.

The application of IFRS 14 has no impact on the financial statements as the Bank is not an IFRS first-time adopter.

Notes to the Financial Statements For the Year Ended 31 December 2016 (Continued)

(in Turkmen Manat and in thousands)

## Annual Improvements to IFRSs 2014-2016 Cycle

This annual improvements package amended three standards:

The Amendments to IFRS 1 delete the short-term exemptions that related to disclosures about financial instruments, employee benefits and investment entities as the reporting period to which the exemptions applied have already passed and as such, these exemptions are no longer applicable. The amendments are effective for annual periods beginning on or after 1 January 2018.

The amendments to IFRS 12 clarify that concession from the requirement to provide summarized financial information in respect of interests in subsidiaries, associates or joint ventures classified as held for sale or included in a disposal group is the only concession available for such interests. The amendments apply retrospectively and are effective for annual periods beginning on or after 1 January 2017.

In accordance with IAS 28, a venture capital organization and other similar entities may elect to measure investments in associates and joint ventures at FVTPL. In addition, an entity that is not an investment entity but has an interest in an associate or joint venture that is an investment entity, may, when applying the equity method, elect to retain the fair value measurement applied by that associate or joint venture to its own interests in subsidiaries. Amendments to IAS 28 clarify that such election should be made separately for each associate or joint venture at initial recognition. The amendments apply retrospectively and are effective for annual periods beginning on or after 1 January 2018. Early application is permitted.

The management does not anticipate that the application of these amendments will have a material impact on the Bank's financial statements.

## 4. Net interest income

	Year ended 31 December 2016	Year ended 31 December 2015
Interest income comprises:		
Interest income on financial assets recorded at amortized cost:		
Interest income on unimpaired financial assets	482,014	302, <u>031</u>
Total interest income	482,014	302,031
Interest income on financial assets recorded at amortized cost comprises:		
Interest income on loans to customers	387,441	262,600
Interest income on due from banks	92,323	39,431
	2,250	55,451
Interest income on securities	2,230	<del></del>
Total interest income on financial assets recorded at amortized cost	482,014	302,031
Total interest income	482,014	302,031
Interest expense comprises:		
Interest expense on financial liabilities recorded at amortized cost	(320,145)	(193,224)
Total interest expense	(320,145)	(193,224)
Total Interest expense	(5.2.7)	( ,
Interest expense on financial liabilities recorded at amortized cost		
comprises: Interest expense on other borrowed funds	(304.631)	(171,742)
	(9,366)	(15,110)
Interest expense on customer accounts	(6,148)	(6,372)
Interest expense on due to banks	(0,140)	(0,372)
Total interest expense on financial liabilities recorded at amortized cost	(320,145)	(193,224)
Net interest income before provision for impairment losses on interest bearing assets	161,869	108,807

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)
(in Turkmen Manat and in thousands)

# 5. Allowance for impairment losses

The movements in allowance for impairment losses on loans to customers and other operations were as follows:

	Loans to customers	Other assets	Total
As at 31 December 2014	-	107	107
Provision Write-off of assets	293	(107)	293 (107)
As at 31 December 2015	293	<u>-</u>	293
Provision	36,695		36,695
As at 31 December 2016	36,988		36,988

# 6. Fee and commission income and expense

	Year ended 31 December 2016	Year ended 31 December 2015
Fee and commission income:		
Commission for unused credit lines	57,385	67,044
Plastic cards operations	18,178	5,948
Settlements	7,450	10,669
Cash operations	5,924	9,886
Encashment operations	890	520
Guarantees	57	70
Other	294	529
Total fee and commission income	90,178	94,666
Fee and commission expense:		
Commission for unused credit lines	(53,201)	(63,922)
Plastic cards services	(8,094)	(1,894)
· · · · · · · · · · · · · · · · · · ·	(2,110)	(2,511)
Settlements Other	(976)	(837)
Other		
Total fee and commission expense	(64,381)	(69 <u>,164)</u>

## 7. Income taxes

The Bank provides for taxes based on the tax accounts maintained and prepared in accordance with the tax regulations of Turkmenistan where the Bank operates, which may differ from IFRS.

The Bank is subject to certain permanent tax differences due to the non-tax deductibility of certain expenses and a tax free regime for certain income.

Deferred taxes reflect the net tax effects of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for tax purposes. Temporary differences as at 31 December 2016 and 2015 relate mostly to different methods/timing of income and expense recognition as well as to temporary differences generated by tax – book base differences for certain assets.

# Notes to the Financial Statements For the Year Ended 31 December 2016 (Continued)

(in Turkmen Manat and in thousands)

Deferred tax assets and liabilities as at 31 December 2016 and 2015 comprise:

	31 December 2016	31 December 2015
Deferred tax liabilities in relation to:		
Loans to customers	(24,626)	(3,326)
Assets held for sale	748	2,467
Other assets	(134,033)	(188,337)
Other borrowed funds	22,087	1,002
Other liabilities	134,033	188,337
Net deferred income tax (liabilities)/ assets	(1,791)	143

Relationships between tax expenses and accounting profit for the years ended 31 December 2016 and 2015 are explained as follows:

	Year ended 31 December 2016	Year ended 31 December 2015
Profit before income tax	130,877	105,842
Tax at the statutory tax rate (2016 and 2015: 24.6%) Non-taxable income Other non-deductible expenses	32,196 (7,580) 3,538	26,037 (3,925) 4,676
Income tax expense	28,154	26,788
Current income tax expense Deferred tax income related to the origination of temporary differences	30,088 (1,934)	27,356 (568)
Income tax expense	28,154	26,788
Deferred income tax assets/(liabilities)	2016	2015
Beginning of the year	143	(425)
Change in deferred tax recognized in profit or loss	(1,934)	568
End of the year	(1,791)	143

## 8. Cash and balances with the central bank of Turkmenistan

	31 December 2016	31 December 2015
Cash Balances with the CBT	34,624 4,486,998	22,436 4,239,750
Total cash and balances with the CBT	4,521,622	4,262,186

Notes to the Financial Statements For the Year Ended 31 December 2016 (Continued)

(in Turkmen Manat and in thousands)

Cash and cash equivalents for the purposes of the statement of cash flows comprise the following:

	31 December 2016	31 December 2015
Cash and balances with CBT	4,521,622	4,262,186
Unrestricted due from banks with original maturity of up to three months	7,092,379	10,948,689
Less: Minimum reserve deposits with the CBT	(73,439)	(39,464)
Total cash and cash equivalents	11,540,562	15,171,411

## 9. Due from banks

	31 December 2016	31 December 2015
Time deposits with other banks Correspondent accounts with other banks Loans to banks	9,202,737 1,002,379 164,644	10,357,642 628,143 135,481
Total due from banks	10,369,760	11,121,266

As at 31 December 2016 and 2015, accrued interest included in due from banks amounted to TMT 4,644 thousand and TMT 481 thousand, respectively.

As at 31 December 2016 and 2015, the restricted balances in time deposits with other banks amounted to TMT nil and TMT 766 thousand, respectively.

As at 31 December 2016 and 2015, the Bank had amounts due from 9 and 6 banks which individually exceeded 10% of the Bank's equity, respectively. The gross value of these balances as at 31 December 2016 and 2015 is TMT 10,289,782 thousand and TMT 11,058,872 thousand, respectively.

### 10. Loans to customers

	31 December 2016	31 December 2015
Loans to corporate customers	11,882,831	4,649,687
- Small business loans - Loans for urgent needs	43,678 	21,195 10,660
Total loans to retail customers	50,951	31,855
Total gross loans to customers	11,933,782	4,681,542
Less: allowance for impairment losses (Note 5)	(36,988)	(293)
Total loans to customers	11,896,794	4,681,249

As at 31 December 2016 and 2015, accrued interest included in loans to customers amounted to TMT 164,250 thousand and TMT 46,820 thousand, respectively.

Notes to the Financial Statements For the Year Ended 31 December 2016 (Continued)

(in Turkmen Manat and in thousands)

Movement in the loan impairment allowances by classes of loans to customers for the years ended 31 December 2016 and 2015 is as follows:

	Loans to corporate customers	Loans to retail customers	Total
As at 31 December 2014	-	_	
Additional creation of provision	211	82	293
As at 31 December 2015	211	82	293
Additional provision/(recovery) of provision	36,777	(82)	36,695
As at 31 December 2016	36,988	_	36,988

### Key assumptions and judgments for estimating the loan impairment

The Bank estimates loan impairment for loans to corporate and retail customers based on an analysis of the future cash flows for loans with individual signs of impairment and based on its past loss experience for portfolios of loans for which no individual signs of impairment has been identified.

### Analysis of collateral

### Loans to corporate customers

Loans to corporate customers are subject to individual credit appraisal and impairment testing. The general creditworthiness of a corporate customer tends to be the most relevant indicator of credit quality of the loan extended to it.

The following tables provides information on collateral and other credit enhancements securing loans to corporate customers, net of impairment, by types of collateral:

	31 December 2016	31 December 2015
Loans collaterised by government guarantees Loans collaterised by real estate Loans collateralized by pledge of vehicles Unsecured loans	11,869,961 9,315 332 3,223	4,645,035 4,652 -
Total gross loans to corporate customers	11,882,831	4,649,687
Less: allowance for impairment losses (Note 5)	(36,988)	(211)
Total loans to corporate customers	11,845,843	4,649,476

The Bank has loans, for which fair value of collateral was assessed at the loan inception date and it was not updated for further changes, and loans for which fair value of collateral is not determined. For certain loans the fair value of collateral is updated as at the reporting date.

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)

(in Turkmen Manat and in thousands)

#### Loans to retail customers

The following tables provide information on collateral securing loans to retail customers, net of impairment:

	31 December 2016	31 December 2015
Loans collaterised by guarantees Loans collaterised by real estate Loans collaterised by vehicles Loans collaterised by money on current accounts Unsecured loans	48,515 1,589 433 130 284	7,555 16,029 2,860 771 4,640
Total gross loans to retail customers	50,951	31,855
Less: allowance for impairment losses (Note 5)	•	(82)
Total loans to retail customers	50,951	31,773

The fair value of collateral was estimated at inception of the loans and was not adjusted for subsequent changes to the reporting date.

### Repossessed collateral

During the years ended 31 December 2016 and 2015, the Bank did not obtain assets by taking possession of collateral for loans to customers.

Industry and geographical analysis of the loan portfolio

Loans to customers are issued to customers located within Turkmenistan who operate in the following economic sectors:

	31 December 2016	31 December 2015
Oil and gas Chemicals Transport Communication Construction Textiles Individuals Other	8,749,232 2,007,351 681,360 254,415 33,519 25,195 8,222 174,488	2,433,927 1,050,449 667,128 361,574 7,195 30,740 12,006 118,523
Gross loans to customers  Less: allowance for impairment losses (Note 5)	11,933,782 (36,988)	4,681,542 (293)
Total loans to customers	11,896,794	4,681,249

### Significant credit exposures

As at 31 December 2016 and 2015, the Bank had 7 and 8 borrowers, whose loan balances individually exceed 10% of equity. The gross value of these loans as at 31 December 2016 and 2015 is TMT 11,203,709 thousand and TMT 4,509,020 thousand, respectively.

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)
(in Turkmen Manat and in thousands)

### Credit quality of loans to customers

The following table provides information on the credit quality of loans to customers as at 31 December 2016:

	Gross loans	Impairment allowance	Net loans	Impairment allowance to gross loans, %
Loans to corporate customers Loans without individual signs of impairment				
- not overdue	11,787,199	(17,861)	11,820,289	0.2
<ul> <li>overdue more than 90 days and less than 1 year</li> </ul>	95,632	(19,127)	76,505	20.0
Total loans to corporate customers	11,882,831	(36,988)	11,845,843	0.3
Loans to retail customers	Gross loans	Impairment allowance	Net loans	Impairment allowance to gross loans, %
Loans to retail customers Small business loans - not overdue	<b>Gross loans</b> 43,678	•	<b>Net loans</b> 43,376	allowance to
Small business loans		•		allowance to
Small business loans - not overdue	43,678	•	43 <u>,376</u>	allowance to
Small business loans - not overdue  Total small business loans  Urgent needs	43,678 <b>43,678</b>	•	43,376 <b>43,376</b>	allowance to

The following table provides information on the credit quality of loans to customers as at 31 December 2015:

	Gross loans	Impairment allowance	Net loans	Impairment allowance to gross loans, %
Loans to corporate customers				
Loans without individual signs of				
impairment	4.645.035		4 64E 02E	
- not overdue	4,645,035	(711)	4,645,035	4.5
- overdue more than 1 year	4,652	(211)		4.5
Total loans to corporate		48443	4 6 40 476	
customers	4,649,687	(211)	4,649,476	0.0
Loans to retail customers	Gross loans	Impairment allowance	Net loans	Impairment allowance to gross loans, %
Small business loans				
- not overdue	21,195	(82)	21,113	0.4
Total small business loans	21,195	(82)	21,113	0.4
Urgent needs				
•				
- not overdue	10,660	-	10,660	
•	10,660 <b>31,855</b>	(82)	10,660 <b>31,773</b>	0.3

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)
(in Turkmen Manat and in thousands)

### 11. Other assets

Other Constitution	31 December 2016	31 December 2015
Other financial assets:		
Commission for unused credit lines	670,165	765,598
Debtors on banking activities	45,559	
Accrued commission	18,807	25,443
Total other financial assets	734,531	791,041
Other non-financial assets:		
Advances paid and taxes prepaid	8,258	10,365
Inventory	3,106	2.790
Prepaid expenses	769	2,129
Other	982	670
Total other non-financial assets	13,115	15,954
Total other assets	747,646	806,995

As at 31 December 2016 and 2015, commission for unused credit lines include prepaid commission and insurance expenses on funds borrowed from Export-Import Bank of Korea ("Korea Eximbank") in the amount of TMT 399,077 thousand and TMT 454,593 thousand, respectively.

### 12. Due to banks

	31 December 2016	31 December 2015
Loans from banks and other financial institutions Correspondent accounts of other banks	285,456 48,145	245,676 27,908
Total due to banks	333,601	273,584

As at 31 December 2016 and 2015, accrued interest included in due to banks amounted to TMT 18 thousand and TMT nil, respectively.

#### 13. Customer accounts

	31 December 2016	31 December 2015
Demand deposits Term deposits	14,758,930 1,351,517	15,305,632 1,314,916
Total customer accounts	16,110,447	16,620,548

As at 31 December 2016 and 2015, accrued interest included in customer accounts amounted to TMT 20,400 thousand and TMT 14,142 thousand, respectively.

As at 31 December 2016 and 2015, customer accounts amounting to TMT 2,731 thousand and TMT 2,481 thousand, respectively, were held as security against letters of credit issued and other transactions related to contingent obligations.

As at 31 December 2016 and 2015, the Bank has 4 and 3 customers, whose balances individually exceed 10% of equity. These balances as at 31 December 2016 and 2015, are TMT 15,092,692 thousand and TMT 15,980,381 thousand, respectively.

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)
(in Turkmen Manat and in thousands)

### 14. Other borrowed funds

	Origination- maturity date	Interest rate	31 December 2016	31 December 2015
Japan Bank for International	19/03/2010-			
Cooperation (JBIC)	15/06/2022	2.90%-4.06%	5,628,659	1,186,028
•	29/05/2014-	LIBOR+4.5%,		
Exim Bank, Korea	15/03/2024	LIBOR+2.6%	3,356,288	559,577
•	17/12/2001-			
Exim Bank, China	21/03/2032	2.50%-3.00%	845,805	961,718
Japan International Cooperation	24/12/1997-			
Agency (JICA)	20/12/2027	2.30%-2.70%	71,933	76,247
	16/07/2005-			
China Development Bank	31/12/2024	0%	14,108	42,065
Total other borrowed funds			9,916,793	2,825,635

As at 31 December 2016 and 2015, accrued interest included in other borrowed funds amounted to TMT 106,076 thousand and TMT 43,344 thousand, respectively.

As at 31 December 2016 and 2015, the Bank had to comply with non-financial covenants set by JBIC, Exim Bank, Korea; Exim Bank, China; JICA and China Development Bank. The Management believes that the Bank complies with all covenants as at 31 December 2016 and 2015.

## 15. Other liabilities

	31 December 2016	31 December 2015
Other financial liabilities:		
Commission for unused credit lines	670,165	765,598
Creditors on banking activities	41,474	
Creditors on capital expenses	3,356	2,724
Other financial liabilities		20
Total other financial liabilities	715,017	768,342
Other non-financial liabilities: Deferred income	3,771	4,880
Total other non-financial liabilities	3,771	4,880
Total other liabilities	718,788	773,222

As at 31 December 2016 and 2015, commission for unused credit lines includes prepaid commission and insurance expenses prepaid by Bank on funds borrowed from Export-Import Bank of Korea (Korea Eximbank) and further reimbursed under agreement of loan granted to State Company Turkmengaz in the amount of TMT 399,077 thousand and TMT 454,593 thousand, respectively.

### 16. Share capital

As at 31 December 2016 and 2015, the Bank is wholly owned by the Government of Turkmenistan. Each year the Bank's share capital is increased by a distribution of profit for the current year based on the decisions of the Board of Directors of the Bank. As at 31 December 2016 and 2015, share capital amounts to TMT 469,987 thousand and TMT 417,659 thousand, respectively, and the distribution of profit to equity is TMT 52,328 thousand and TMT 40,912 thousand, respectively.

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)
(in Turkmen Manat and in thousands)

## 17. Commitments and contingencies

In the normal course of business, the Bank is a party to financial instruments with off-balance sheet risk in order to meet the needs of its customers. These instruments, involving varying degrees of credit risk, are not reflected in the statement of financial position.

The Bank uses the same credit and management policies in undertaking off-balance sheet commitments as it does for operations accounted for in the statement of financial position.

As at 31 December 2016 and 2015, contingent liabilities comprise:

	31 December 2016	31 December 2015
Contingent liabilities and credit commitments		
Unused credit lines	9,484,347	16,757,760
Letters of credit	6,043,126	10,820,091
Guarantees issued	-	2,027
Total contingent liabilities and credit commitments	15,527,473	27,579,878

The extension of loans to customers within credit line limits is approved by the Bank on a caseby-case basis and depends on borrowers' financial performance, debt service and other conditions.

As at 31 December 2016 and 2015, the Bank had no significant capital commitments.

As at 31 December 2016 and 2015, the Bank had no operating lease commitments.

#### Legal proceedings

From time to time and in the normal course of business, claims against the Bank are received from customers and counterparties. Management is of the opinion that no material unaccrued losses will be incurred and, accordingly, no provision has been made in these financial statements. During the reporting period there were no received claims against the Bank.

#### **Taxation**

Commercial legislation of Turkmenistan, including tax legislation, may allow more than one interpretation. In addition, there is a risk of tax authorities making arbitrary judgments of business activities. If a particular treatment, based on management's judgment of the Bank's business activities, was to be challenged by the tax authorities, the Bank may be assessed additional taxes, penalties and interest.

The Bank accrues tax expenses in accordance with the tax code of Turkmenistan. During the last tax inspection as of reporting date disputes arose in relation to tax withheld from income generated by non-residents in Turkmenistan, particularly, on commission amounts paid to foreign banks. The tax authorities believe the Bank did not withhold any tax deductions. The Bank believes that tax amounts were already withheld from commission amounts the customers paid to the Bank, when commission payments to foreign banks were made.

The management of the Bank believes that it has accrued all tax amounts due.

### Operating environment

The Bank's principal business activities are within Turkmenistan. Emerging markets such as Turkmenistan are subject to different risks than more developed markets, including economic, political and social, and legal and legislative risks. Laws and regulations affecting businesses in Turkmenistan continue to change rapidly, tax and regulatory frameworks are subject to varying interpretations. The future economic direction of Turkmenistan is heavily influenced by the fiscal and monetary policies adopted by the government, together with developments in the legal, regulatory, and political environment.

Notes to the Financial Statements For the Year Ended 31 December 2016 (Continued)

(in Turkmen Manat and in thousands)

The economic activity of Turkmenistan is held in conditions that are typical for developing countries. These financial statements reflects Management's estimate of influence of economic conditions on the financial position of the Bank. The future economic environment can differ from this estimate.

## 18. Transactions with related parties

Related parties or transactions with related parties, as defined by IAS 24 "Related party disclosures", are represented in the table below.

Other related parties are represented by entities controlled by government of Turkmenistan.

In considering each possible related party relationship, attention is directed to the substance of the relationship, and not merely the legal form. Details of transactions between the Bank and related parties are disclosed below:

	31 December 2016 Total category as per financial		31 December 2015 Total category as per financial		
	Related party balance	statements caption	Related party balance	statements caption	
Assets Cash and balances with Central Bank				·	
of Turkmenistan - other related party	4,486,998 4,486,998	4,521,622	4,239,750 4,239,750	4,262,186	
Due from banks - other related party	160,000 160,000	10,369,760	135,000 135,000	11,121,266	
Loans to customers after allowance for impairment losses - other related party - key management personnel	11,889,537 11,889,522 15	11,896,794	4,425,301 4,425,271 30	4,681,542	
<b>Liabilities</b> Due to banks - other related party	10,625 10,625	333,601	2,154 2,154	273,584	
Customer accounts - other related party - key management personnel	15,164,254 15,164,079 175	16,110,447	15,903,289 15,903,246 43	16,620,548	
Off balance sheet items	15,525,745	15,527,473	27,541,252	27,579,878	
<ul> <li>Contingent liabilities and credit commitments</li> </ul>	15,525,745		27,541,252		

The remuneration of directors and other members of key management was as follows:

	Ye 31 Decem Total Related party st transactions		31 ( Related party transactions	Year ended December 2015 Total category as per financial statements caption
Key management personnel compensation: - short-term employee benefits	438	6,209	486	7,184

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)

(in Turkmen Manat and in thousands)

Included in the statement of profit and loss and other comprehensive income for the years ended 31 December 2016 and 2015 are the following amounts which arose due to transactions with related parties:

		Year ended ecember 2016 Total category as per financial statements caption		Year ended ecember 2015 Fotal category as per financial statements caption
Interest income - other related party - key management personnel	270,891 270,889 2	482,014	251,841 251,837 4	302,031
Interest expense - other related party - key management personnel	(13,863) (13,855) (8)	(320,145)	(18,362) (18,351) (11)	(193,224)
Provision for impairment losses on interest bearing assets - other related party	(33,857) (33,857)	(36,695)	(211) (211)	(293)
Fee and commission income - other related party	169,992 169,992	90,178	67,734 67,734	94,666

### 19. Fair value of financial instruments

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. The estimates presented herein are not necessarily indicative of the amounts the Bank could realise in a market exchange from the sale of its full holdings of a particular instrument.

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

Financial instruments are measured at fair value on recurring basis, grouped into Levels 1 to 3 based on the degree to which the fair value is observable:

- Level 1 fair value measurements are those derived from quoted prices (unadjusted) in active markets for identical assets or liabilities;
- Level 2 fair value measurements are those derived from inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly (i.e. as prices) or indirectly (i.e. derived from prices); and
- Level 3 fair value measurements are those derived from valuation techniques that include inputs for the asset or liability that are not based on observable market data (unobservable inputs).

Fair value of financial assets and liabilities that are not measured at fair value on a recurring basis (but fair value disclosures are required)

Assets for which fair value approximates carrying value

For financial assets and liabilities that have a short term maturity (less than 1 year), it is assumed that the carrying amounts approximate to their fair value. This assumption is also applied to demand deposits and savings accounts without a maturity.

Due from and due to banks

As due from and due to banks are short-term, the book value are estimated to be equal to fair value.

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)
(in Turkmen Manat and in thousands)

Loans to customers

Loans to customers are made both at variable and at fixed rates. As there is no active secondary market in Turkmenistan for such loans, there is no reliable market value available for this portfolio.

- Floating rate Management believes that carrying rate may be assumed to be fair value;
   and
- Fixed rate Certain of the loans secured are at a fixed rate. Fair value has been estimated
  by reference to the market rates available at the reporting date for similar loans of maturity
  equal to the remaining fixed period. As these loans have a short term maturity, it is
  assumed that the carrying amounts approximate to their fair value.

As at 31 December 2016 and 2015, the fair value of loans to customers with a carrying value of TMT 11,896,794 thousand and TMT 4,681,249 thousand, respectively, customer accounts with carrying value of TMT 16,110,447 thousand and TMT 16,620,548 thousand, respectively, and other borrowed funds with carrying value of TMT 9,916,793 thousand and TMT 2,825,635 thousand, respectively, cannot be reliably measured. Fair value information of these financial instruments has not been disclosed, as the market is not active in Turkmenistan and it is not practicable to estimate their fair value.

Investments available-for-sale are recorded at cost due to the absence of an active secondary market. The Bank does not carry any investments at fair value and as such does not disclose financial instruments by Levels of hierarchy of fair value in accordance with IFRS 13.

### 20. Regulatory matters

The Bank is required to maintain certain minimum capital levels in accordance with the legislation of Turkmenistan. These requirements include Tier 1 and Tier 2 capital calculated based on the following risk weights:

Estimate	Description of position
0%	Cash and balances with the CBT
0%	State debt securities and debt securities of OECD countries
0%	Loans collateralized by government guarantees or gold
20%	Due from banks-members of OECD countries and assets collateralized by guarantees of banks-members of OECD countries
20%	Due from banks for up to 1 year
20%	Debt securities of local entities and local authorities
20%	Loans collateralized by debt securities of local entities
20%	Loans prolonged by the decision of government
50%	Mortgage loans
100%	Loans to customers
100%	Other assets

As at 31 December 2016 and 2015, the Bank was in compliance with all the requirements, set by the Central bank of Turkmenistan.

## 21. Risk management policies

Management of risk is fundamental to the banking business and is an essential element of the Bank's operations. The main risks inherent to the Bank's operations are those related to:

- Credit exposures;
- Liquidity risk: and
- Market risk.

The management of the Bank recognizes that it is essential for the Bank to have efficient risk management processes in place. To enable this, the Bank has established a risk management system, whose main purpose is to protect the Bank from risk and allow it to achieve its performance objectives.

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)
(in Turkmen Manat and in thousands)

#### Credit risk

The Bank is exposed to credit risk which is the risk that one party to a financial instrument will fail to discharge an obligation and cause the other party to incur a financial loss.

Credit risk identification, assessment and monitoring are performed within set limits of authority, by the Bank's Risk Manager, the Credit Committee, the Management Board and the Board of Directors. Before any application is approved by the Credit Committee, all recommendations on credit processes (borrower's limits, or amendments made to loan agreements, etc.) are reviewed and approved by the Bank's Risk Manager. Daily risk management is performed by the employees of Credit Department.

The Bank manages credit risk by observing limits on the amount of risk accepted in relation to one borrower, or groups of borrowers set in prudential norms of the regulating authorities. Actual exposures against limits are regularly monitored.

Commitments to extend credit represent unused portions of credit in the form of loans, guarantees or letters of credit. The credit risk on off-balance sheet financial instruments is defined as the probability of losses due to the inability of counterparty to comply with the contractual terms and conditions. With respect to credit risk on commitments to extend credit, the Bank mitigates such risk by setting fees and charges for unused portions of credit or advance repayment on loan agreements.

### Maximum exposure

The Bank's maximum exposure to credit risk varies significantly and is dependent on both individual risks and general market economy risks.

The following table presents the maximum exposure to credit risk of statement of financial position and off balance sheet financial assets. For financial assets in the statement of financial position, the maximum exposure is equal to the carrying amount of those assets before allowance for impairment losses prior to any offset or collateral. For financial guarantees and other off balance sheet assets, the maximum exposure to credit risk is the maximum amount the Bank would have to pay if the guarantee was called on or in the case of commitments, if the loan amount was called on. Collateral pledged is determined based on its estimated fair value on the day of origination of the loan limited to the outstanding balance of each loan as at reporting date.

### As at 31 December 2016:

	Maximum exposure	Offset	Net exposure after offset	Collateral pledged	Net exposure after offset and collateral
Cash and balances with the CBT	4,521,622	-	4,521,622	-	4,521,622
Due from banks	10,369,760	-	10,369,760	-	10,369,760
Loans to customers	11,933,782	-	11,933,782	(11,930,275)	3,507
Held to maturity investments	47,250	-	47,250	-	47,250
Investments available-for-sale	3,996	-	3,996	-	3,996
Other financial assets	734,531		734,531	-	734,531
Commitments and contingencies	15,527,473	-	15,527,473	-	15,527,473

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)
(in Turkmen Manat and in thousands)

As at 31 December 2015:

	Maximum exposure	Offset	Net exposure after offset	Collateral pledged	Net exposure after offset and collateral
Cash and balances with the CBT	4,262,186	•	4,262,186	-	4,262,186
Due from banks	11,121,266	-	11,121,266	-	11,121,266
Loans to customers	4,681,542	-	4,681,542	(4,676,902)	4,640
Held to maturity investments	45,000	-	45,000	-	45,000
Investments available-for-sale	3,872	-	3,872	•	3,872
Other financial assets	791,041	-	791,041	•	791,041
Commitments and contingencies	27,579,878	-	27,579,878	-	27,579,878

Financial assets are graded according to the current credit rating they have been issued by an internationally regarded agency such as Standard and Poor's. The highest possible rating is AAA. Investment grade financial assets have ratings from AAA to BBB. Financial assets which have ratings lower than BBB are classed as speculative grade.

The following table details the credit ratings of financial assets held by the Bank:

	A	888	<bbb< th=""><th>Not rated</th><th>Total as at 31 December 2016</th></bbb<>	Not rated	Total as at 31 December 2016
Cash and balances with the CBT Due from banks Loans to customers Held to maturity investments Investments available-for-sale Other financial assets	10,201,635 - - - - 670,165	-	6,034 - - - -	4,521,622 162,091 11,896,794 47,250 3,996 64,366	47,250
	А	ввв	<88B	Not Rated	Total as at 31 December 2015
Cash and balances with the CBT Due from banks Loans to customers Held to maturity investments Investments available-for-sale Other financial assets	10,985,281	- - -	946 - -	4,262,186 135,039 4,681,249 45,000 3,872	4,262,186 11,121,266 4,681,249 45,000 3,872 791,041

### Rating model

The Bank has developed an internal rating model, based on the principles and methods used by international rating agencies for the assessment of credit risk of corporate borrowers. The rating of a corporate borrower is based on an analysis of the financial ratios of the borrower, and an analysis of the market and industry sector, in which the borrower operates. The model also takes into consideration various qualitative factors, such as management efficiency and the borrower's market share.

The application of the internal rating model results in a standardized approach in the analysis of corporate borrowers and provides a quantitative assessment of the creditworthiness of a borrower that does not have a rating from an international rating agency. The model takes into account specific local market conditions.

The quality of the internal rating model is examined on a regular basis through an assessment of both its effectiveness and validity. The Bank revises the model when deficiencies are identified.

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)
(in Turkmen Manat and in thousands)

### Scoring models

The Bank uses scoring models as a statistical tool to assess the future creditworthiness of new and existing borrowers of the Bank. Scoring models are applied for assessment of the credit risk of individuals and small business enterprises.

The scoring models interpret socio-demographic and financial indicators, behavioural variables, the credit history of borrowers and historic data from external sources. Each of the parameters inserted into scoring model has a numeric value, the sum of which represents the borrower's internal credit score (rating). The assigned score reflects the probability of default of the borrower.

The scoring models standardize and automate the process of decision making and decrease the operating expenses and operational risks of the Bank. The scoring model is also used in the internal management decision making process as it permits the forecasting of profits and losses of the credit departments. The scoring model is assessed on a continual basis for its effectiveness and validity.

The Bank applies internal rating and scoring methodologies to specific corporate loans and small business loans, which incorporate various underlying master scales that are different from that used by international rating agencies. The scoring methodologies are tailor-made for specific products and are applied at various stages over the life of the loan.

The banking industry is generally exposed to credit risk through its loans to customers and interbank deposits. With regard to the loans to customers this risk exposure is concentrated within Turkmenistan. The exposure is monitored on a regular basis to ensure that the credit limits and credit worthiness guidelines established by the Bank's risk management policy are not breached.

The following table details the carrying value of assets that are impaired and the ageing of those that are past due but not impaired:

	Neither past due nor impaired	0-3 months	3-6 months	6 months to 1 year	Greater than one year	Financial assets that have been impaired	Total as at 31 December 2016
Cash and balances with							
the CBT	4,521,622	-		-	-	-	4,521,622
Due from banks	10,369,760	-	-	-	-	-	10,369,760
Loans to customers	11,820,289	76,505	2	-	-	-	11,896,794
Held to maturity investments	47,250	-			-	-	47,250
Investments available-for-	2 506						3,996
sale Other financial	3,996	-	-	-	-	_	3,330
assets	734,531			-	-	-	734,531

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)

(in Turkmen Manat and in thousands)

	Financial assets past due but not impaired Financial							
	Neither past due nor impaired	0-3 months	3-6 months	6 months to 1 year	Greater than one year	assets that have been impaired	Total as at 31 December 2015	
Cash and				-	-	-		
balances with the CBT	4,262,186	-	-	-	•	•	4,262,186	
Due from banks	11,121,266	-	-	-	•	-	11,121,266	
Loans to customers Held to maturity	4,676,597	-	-	•	-	4,652	4,681,249	
investments	45,000	-	•	•	-	-	45,000	
Investments available-for-								
sale Other financial	3,872	-	-	-	•	•	3,872	
assets	791,041	-	-	-	•	-	791,041	

### **Geographical concentration**

The Bank holds its financial assets mostly in Turkmenistan. The Bank exercises control over the risk in the legislation and regulatory arena in all countries where its assets are held and assesses possible effects on the Bank's activity. In particular, the Bank monitors sovereign credit risk assigned by international rating agencies. On a regular basis the Risk Manager reviews financial and political news in international mass-media to anticipate a possible negative influence on the Bank's risk exposure. This approach allows the Bank to minimize potential losses from investment climate fluctuations in countries where its assets are held.

The geographical concentration of assets and liabilities is set out below:

	T	Other non-OECD	OECD	31 December 2016
	Turkmenistan	countries	countries	Total
FINANCIAL ASSETS				
Cash and balances with the CBT	4,521,622	70	•	4,521,622
Due from banks	785,711	2,514	9,581,535	10,369,760
Loans to customers	11,896,794		-	11,896,794
Held to maturity investments	47,250	*0	-	47,250
Investments available-for-sale	3,996			3,996
Other financial assets	64,366	2	670,165	734,531
TOTAL FINANCIAL ASSETS	17,319,739	2,514	10,251,700	27,573,953
FINANCIAL LIABILITIES				
Due to banks	315,206	18,395	_	333,601
Customer accounts	16,110,447	**	-	16,110,447
Other borrowed funds		859,996	9,056,797	9,916,793
Other financial liabilities	715,017	¥:	-	715,017
TOTAL FINANCIAL LIABILITIES	17,140,670	878,391	9,056,797	27,075,858
			<del></del>	
NET POSITION	179,069	(875,877)	1,194,903	498,095

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)

(in Turkmen Manat and in thousands)

	Turkmenistan	Other non-OECD countries	OECD countries	31 December 2015 Total
FINANCIAL ASSETS				
Cash and balances with the CBT	4,262,186	5	-	4,262,186
Due from banks	135,000	635	10,985,631	11,121,266
Loans to customers	4,681,249		•	4,681,249
Held to maturity investments	45,000	7	-	45,000
Investments available-for-sale	3,872	2	-	3,872
Other financial assets	25,443	÷1	765,598	791,041
TOTAL FINANCIAL ASSETS	9,152,750	635	11 751 770	20.004.614
	7.132./30	033	11./31.229	<b>20,504,014</b>
TOTAL FINANCIAL ASSETS	9,132,730	033	11,751,229	20,904,614
FINANCIAL LIABILITIES	9,132,730	033	11,/51,229	20,904,614
· · · · · · · · · · · · · · · · · · ·	260,045		-	273,584
FINANCIAL LIABILITIES Due to banks	260,045	13,539		273,584
FINANCIAL LIABILITIES Due to banks Customer accounts		13,539	-	273,584 16,620,548
FINANCIAL LIABILITIES Due to banks Customer accounts Other borrowed funds	260,045 16,620,548		1,821,851	273,584 16,620,548 2,825,635
FINANCIAL LIABILITIES Due to banks Customer accounts	260,045	13,539	-	273,584 16,620,548
FINANCIAL LIABILITIES Due to banks Customer accounts Other borrowed funds	260,045 16,620,548	13,539	-	273,584 16,620,548 2,825,635

### Liquidity risk

Liquidity risk refers to the availability of sufficient funds to meet deposit withdrawals and other financial commitments associated with financial instruments as they actually fall due.

The Assets and Liabilities Management Committee ("ALMC") and the Risk Manager control these types of risks by means of maturity analysis, determining the Bank's strategy for the next financial period. Current liquidity is managed by the Treasury Department, which deals in the money markets for current liquidity support and cash flow optimization.

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)

(in Turkmen Manat and in thousands)

In order to manage liquidity risk, the Bank performs daily monitoring of future expected cash flows on clients' and banking operations, which is a part of assets/liabilities management process. The Board of Directors sets limits on the minimum proportion of maturing funds available to meet deposit withdrawals and on the minimum level on interbank and other borrowing facilities that should be in place to cover withdrawals at unexpected levels of demand. An analysis of the liquidity and interest rate risks is presented in the following table:

	Weighted average interest rate	Up to 1 month	1 month to	3 months	1 year to 5 years	Over 5 years	Maturity uniden- tified	31 December 2016 Total
FINANCIAL				,	. ,	, , , , ,	***************************************	1000
ASSETS  Due from banks  Loans to customers	1.10% 3.84%	5,530,000 106,838	560,000 20,377	195,000	3,074,176	10.002.771	-	9,359,176
Total Interest	3.0476	100,030	20,377	1,382,168	323,640	10,063,771	•	11,896,794
bearing financial assets		5,636,838	580,377	1,577,168	3,397,816	10,063,771		21,255,970
Cash and balances								
with the CBT Due from banks		4,521,622 1,010,584	-	-	•	-		4,521,622 1,010,584
Held to maturity Investments Investments		2,250	-	45,000	-	-	-	47,250
available-for-sale Other financial		•	-	-	-		3,996	3,996
assets		•	64,366	-	-	•	670,165	734,531
Total financial						<del></del>		
assets		11,171,294	644,743	1,622,168	3,397,816	10,063,771	674,161	27,573,953
FINANCIAL LIABILITIES Due to banks	2.54%	19			107,300	178,139		205 450
Customer accounts Other borrowed	0.48%	54,653	1,402	1,256,128	39,334	1/6,139	-	285,458 1,351,517
funds	3.85%	-	138,243	248,181	1,379,887	8,150,482	-	9,916,793
Total Interest bearing financial liabilities		54,672	139.645	1 504 300	4 536 534	0.330.634		
nabilities		34,072	139,645	1,504,309	1,526,521	8,328,621	-	11,553,768
Oue to banks Customer accounts Other financial		48,143 14,758,930	1			-	-	48,143 14,758,930
liabilities		-	44,852	2		-	670,165	715,017
Total financial		14,861,745	184,497	1,504,309	1,526,521	8,328,621	670,165	27,075,858
Liquidity gap		(3,690,451)	460,246	117,859		1 725 150	7.006	
		(3,030,431)	400,240	117,037	1,871,295	1,735,150	3,996	
Interest sensitivity gap		5,582,166	440,732	72,859	1,871,295	1,753,150		
Cumulative interest								
sensitivity gap		5,582,166	6,022,898	6,095,757	7,967,052	9,702,202	9,702,202	
Cumulative interest sensitivity gap as a percentage of total financial								
assets		20.24%	21.84%	22.11%	28.89%	35.19%	<del></del>	

The negative liquidity gap above between financial assets and liabilities up to 1 month is caused by demand deposits of customers. The management regularly assesses the stability of its customer accounts funding base based on past performance and analysis of the events subsequent to the reporting date. The management believes that the clients intend to hold their demand deposits with the Bank, and that this source of funding will remain at a similar level for the foreseeable future.

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)

(in Turkmen Manat and in thousands)

FINANCIAL	Weighted average interest rate	Up to 1 month	1 month to 3 months	3 months to 1 year	1 year to 5 years	Over 5 years	Maturity uniden- tified	31 December 2015 Total
ASSETS  Due from banks  Loans to customers	0.45% 3.91%	6,015,065 118,456	4,340,000 2,756	135,766 91,598	1,466,965	3,001,474		10,490,831 4,681,249
Total interest bearing financial assets		6,133,521	4,342,756	227,364	1,466,965	3,001,474		15,172,080
Cash and balances with the CBT Due from banks		4,262,186 630,435	-		-	-	:	4,262,186 630,435
Held to maturity investments Investments		-	-		45,000	-	-	45,000
available-for-sale Other financial		-	-	•	-	-	3,872	3,872
assets		-	25,443	-			765,598	791,041
Total financial assets		11,026,142	4,368,199	227,364	1,511,965	3,001,474	769,470	20,904,614
FINANCIAL LIABILITIES Due to banks Customer accounts	3.34% 0.39%	25,400	- 2,824	48,070 51,166	- 1,235,526	197,606	-	245,676 1,314,916
Other borrowed funds	3.44%	_	_	5,447	_	2,820,188		2,825,635
Total interest bearing financial liabilities	•	25,400	2,824	104,683	1,235,526	3,017,794	_	4,386,227
Due to banks Customer accounts Other financial		27,908 15,305,632	-	-	-	-	:	27,908 15,305,632
liabilities		2,744			•		765,598	768,342
Total financial liabilities		15,361,684	2,824	104,683	1,235,526	3,017,794	765,598	20,488,109
Liquidity gap		(4,335,542)	4,365,375	122,681	276,439	(16,320)	3,872	
Interest sensitivity gap		6,108,121	4,339,932	122,681	231,439	(16,320)	-	
Cumulative interest sensitivity gap		6,108,121	10,448,053	10,570,734	10,802,173	10,785,853		
Cumulative interest sensitivity gap as a percentage of total financial assets		29.22%	49.98%	50.57%	51.67%	51.60%		

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)

(in Turkmen Manat and in thousands)

A further analysis of the liquidity and interest rate risks is presented in the following tables in accordance with IFRS 7. The amounts disclosed in these tables do not correspond to the amounts recorded in the statement of financial position as the presentation below includes a maturity analysis for financial liabilities that indicates the total remaining contractual payments (including interest payments), which are not recognized in the statement of financial position under the effective interest rate method.

FINANCIAL LIABILITIES	Weighted average interest rate	Up to 1 month	1 month to 3 months	3 months to 1 year	1 year to 5 years	Over 5 years	31 December 2016 Total
Due to banks	2.54%	597	1,194	5,471	136,347	199,924	343,533
Customer accounts	0.48%	14,814,885	2,967	1,258,613	39,712		16,116,177
Other borrowed funds	3.85%	-	180,393	479,056	2,113,529	10,408,555	13,181,533
Other financial liabilities			44,852	•	-	670,165	715,017
Total financial liabilities		14,815,482	229,406	1,743,140	2,289,588	11,278,644	30,356,260
	Weighted						
	average	Up to	1 month to	3 months	1 vear to	Over	31 December
	interest rate	Up to 1 month	1 month to 3 months	3 months	1 year to 5 years	Over 5 vears	2015
FINANCIAL LIABILITIES	interest	•		3 months to 1 year	1 year to 5 years	Over 5 years	
Due to banks	Interest rate 3.34%	1 month 28,591					2015
Due to banks Customer accounts	Interest rate 3.34% 0.39%	1 month	3 months	to 1 year	5 years	5 years	2015 Total
Due to banks Customer accounts Other borrowed funds	Interest rate 3.34%	28,591 15,333,392 7,965	3 months 1,366	to 1 year 53,830	<b>5 years</b> 23,713	<b>5 years</b> 219,540	2015 Total 327,040
Due to banks Customer accounts	Interest rate 3.34% 0.39%	1 month 28,591 15,333,392	3 months 1,366 7,525	to 1 year 53,830 72,260	5 years 23,713 1,290,384	<b>5 years</b> 219,540	2015 Total 327,040 16,703,561

#### Market risk

Market risk covers interest rate risk, currency risk and other pricing risks to which the Bank is exposed. There have been no changes as to the way the Bank measures risk or to the risk it is exposed.

#### Interest rate risk

Interest rate risk arises from the possibility that changes in interest rates will affect the Bank's future cash flows and value of the Bank's financial instruments.

The ALMC manages the interest rate risk by monitoring and analyzing sensitivity reports, as well as interest rate margin reports. This helps the Bank mitigate interest rate risks and maintain a positive interest margin. The Risk Manager monitors the Bank's financial performance, regularly assessing the Bank's sensitivity to changes in interest rates and its effect on profitability.

According to the Bank's approach financial assets that are funded with the floating rate liabilities, would carry similar floating rate and hence, interest rate sensitivity has no impact on net profit.

## **Currency risk**

Currency risk is defined as the risk that the value of a financial instrument will fluctuate due to changes in foreign exchange rates. The Bank is exposed to the effects of fluctuations in the prevailing foreign currency exchange rates on its financial position and cash flows.

The ALMC controls currency risk by managing the open currency position on the estimated basis of macroeconomic indicators, which gives the Bank an opportunity to minimize losses from significant currency rates fluctuations towards its national currency. The Treasury Department and the Risk Manager perform daily monitoring of the Bank's open currency position with the aim to match the state requirements.

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)

(in Turkmen Manat and in thousands)

The Bank's exposure to foreign currency exchange rate risk is presented in the table below:

тмт	USD USD 1= TMT 3.50	EUR EUR 1= TMT 3.83	JPY JPY 1= TMT 0.03	CHY CHY 1= TMT 0.54	Other currency	31 December 2016 Total
748 707	3 765 844	5.786	21	19	1,250	4,521,622
	10,185,595	20,451	903	•	2,794	10,369,760
1,606,286	6,916,179	653,353	2,081,618	639,358	-	11,896,794
						47,250
47,250	•	-	1.5	-	•	47,230
3,996	_	-		•	_	3,996
-	488,159	4,445	241,538	389	-	<u>734,531</u>
			2 224 222	570 766	4.044	27,573,953
2,566,251	21,355,777	684,035	2,324,080	639,766	4,044	27,373,333
121,920	25,999	183,983		-		333,601
884,851	15,209,145		1 010 071	950.013	2,691	16,110,447 9,916,793
. 617					-	715,017
1,017	420,531	3,333	202,003			
1,008,388	22,429,983	679,858	2,092,936	860,305	4,390	27,075,858
1,557,863	(1,074,206)	4,177	231,144	(220,539)	(346)	498,095
	USD	EUR	Yqt		man.	31 December 2015
						Total
IMI	IMI 3.50	IMI 3.63	TMT 0.03	1141 0.34	carrency	
167,181	4,089,498	4,286	23	78	1,120	4,262,186
135,000	10,967,557	16,062			2,521	11,121,266 4,681,249
1,574,306	805,032	202,944	1,093,425	1,005,542	-	4,001,243
45 000	-	_	2	-	-	45,000
45,000						
3,872		-	-	-	-	3,872
1	537,652	5,220	247,725	443		791,041
1,925,360	16,399,739	228,512	1,341,299	1,006,063	3,641	20,904,614
E+ 252	17 201	204 593	21		347	273,584
		204,555	15.848	-		16,620,548
231,133		722	1,094,771	1,003,784	· -	2,825,635
882	518,883	4,500	244,077			768,342
343.290	17.574.276	209.815	1,354,696	1,003,784	2,248	20,488,109
,	=======================================					
					1,393	416,505
	748,702 160,017 1,606,286 47,250 3,996 2,566,251  121,920 884,851 1,617  1,008,388  1,557,863  TMT  167,181 135,000 1,574,306 45,000 3,872 1 1,925,360	TMT TMT 3.50  748,702 3,765,844 160,017 10,185,595 1,606,286 6,916,179 47,250 - 3,996 - 488,159  2,566,251 21,355,777  121,920 25,999 884,851 15,209,145 6,767,888 1,617 426,951  1,008,388 22,429,983  1,557,863 (1,074,206)  TMT TMT 3.50  167,181 4,089,498 135,000 10,967,557 1,574,306 805,032 45,000 - 3,872 1 537,652  1,925,360 16,399,739  51,253 17,391 291,155 16,311,644 726,358 882 518,883	TMT TMT 3.50 TMT 3.83  748,702 3,765,844 5,786 160,017 10,185,595 20,451 1,606,286 6,916,179 653,353  47,250	TMT TMT 3.50 TMT 3.83 TMT 0.03  748,702 3,765,844 5,786 21 160,017 10,185,595 20,451 903 1,606,286 6,916,179 653,353 2,081,618  47,250	TMT TMT 3.50 TMT 3.83 TMT 0.03 TMT 0.54  748,702 3,765,844 5,786 21 19 160,017 10,185,595 20,451 903 - 1,606,286 6,916,179 653,353 2,081,618 639,358  47,250	TMT TMT 3.50 TMT 3.83 TMT 0.03 TMT 0.54 currency  748,702

## Currency risk sensitivity

The following table details the Bank's sensitivity to a 25% increase and 25% decrease (2015: 25% increase and decrease) in USD against TMT. These are the sensitivity rates used when reporting foreign currency risk internally to key management personnel and represent management's assessment of the possible change in foreign currency exchange rates. The sensitivity analysis includes only outstanding foreign currency denominated monetary items and adjusts their translation at the end of the period for a 25% increase and 25% decrease (2015: 25% increase and decrease) in foreign currency rates. The sensitivity analysis includes loans where the denomination of the loan is in a currency other than the functional currency of the Bank.

Notes to the Financial Statements
For the Year Ended 31 December 2016 (Continued)
(in Turkmen Manat and in thousands)

Impact on net profit before tax and equity based on asset values as at 31 December 2016 and 2015:

	31 Dec	ember 2016	31 December 201!	
	TMT/CCY	TMT/CCY	TMT/CCY	TMT/CCY
	+25%	-25%	+25%	-25%
25% increase in USD against TMT	(264,086)	264,086	(293,634)	293,634
25% increase in CHY against TMT	(55,135)	55,135	570	(570)
25% increase in EUR against TMT	1,044	(1,044)	4,674	(4,674)
25% increase in JPY against TMT	57,786	(57,786)	(3,349)	3,349

### Limitations of sensitivity analysis

The above tables demonstrate the effect of a change in a key assumption while other assumptions remain unchanged. In reality, there is a correlation between the assumptions and other factors. It should also be noted that these sensitivities are non-linear, and larger or smaller impacts should not be interpolated or extrapolated from these results.

The sensitivity analyses do not take into consideration that the Bank's assets and liabilities are actively managed. Additionally, the financial position of the Bank may vary at the time that any actual market movement occurs. For example, the Bank's financial risk management strategy aims to manage the exposure to market fluctuations.

## 22. Subsequent events

Up to the date of issue of these financial statements Management have not identified any significant subsequent events which require disclosure.