### KT&G CORPORATION

### Separate Financial Statements

**December 31, 2016 and 2015** 

(With Independent Auditors' Report Thereon)

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#### **KPMG SAMJONG Accounting Corp.**

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### Independent Auditors' Report

Based on a report originally issued in Korean

The Board of Directors and Shareholders KT&G Corporation:

We have audited the accompanying separate financial statements of KT&G Corporation (the "Company"), expressed in Korean won, which comprise the separate statements of financial position as of December 31, 2016 and 2015, and the separate statements of comprehensive income, changes in equity and cash flows for the years then ended, and notes, comprising a summary of significant accounting policies and other explanatory information.

#### Management's Responsibility for the Separate Financial Statements

Management is responsible for the preparation and fair presentation of these separate financial statements in accordance with Korean International Financial Reporting Standards, and for such internal control as management determines is necessary to enable the preparation of separate financial statements that are free from material misstatement, whether due to fraud or error.

#### **Auditors' Responsibility**

Our responsibility is to express an opinion on these separate financial statements based on our audits. We conducted our audits in accordance with Korean Standards on Auditing. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the separate financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the separate financial statements. The procedures selected depend on our judgment, including the assessment of the risks of material misstatement of the separate financial statements, whether due to fraud or error. In making those risk assessments, we consider internal control relevant to the entity's preparation and fair presentation of the separate financial statements 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 entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the separate financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

#### **Opinion**

In our opinion, the separate financial statements present fairly, in all material respects, the separate financial position of the Company as at December 31, 2016 and 2015 and of its separate financial performance and its separate cash flows for the years then ended in accordance with Korean International Financial Reporting Standards.



#### **Other Matters**

The procedures and practices utilized in the Republic of Korea to audit such separate financial statements may differ from those generally accepted and applied in other countries.

The accompanying separate financial statements as of and for the year ended December 31, 2016 have been translated into United States dollars solely for the convenience of the reader and such translation does not comply with K-IFRS. We have audited the translation and, in our opinion, the separate financial statements expressed in Korean won have been translated into dollars on the basis set forth in note 4 to the separate financial statements.

KPMG Samjong Accounting Corp.

KPMG Samjong Accounting Corp.

Seoul, Korea February 24, 2017

This report is effective as of February 24, 2017, the audit report date. Certain subsequent events or circumstances, which may occur between the audit report date and the time of reading this report, could have a material impact on the accompanying separate financial statements and notes thereto. Accordingly, the readers of the audit report should understand that the above audit report has not been updated to reflect the impact of such subsequent events or circumstances, if any.

# KT&G CORPORATION Separate Statements of Financial Position

### As of December 31, 2016 and 2015

Total assets		₩ 8,468,812	\$ 7,007,706	₩ 7,449,227
<b>Total current assets</b> Not-current assets held for sale	15	4,832,953 -	3,999,133	3,978,661 1,542
Cash and cash equivalents	14,32,33	688,735	569,909	444,376
Prepaid expenses		5,733	4,744	4,152
Advance payments		22,272	18,429	26,489
Trade and other receivables	12,25,31,32	1,140,598	943,813	1,074,862
Prepaid tobacco excise and other taxes	, ,	439,413	363,602	447,771
Other financial assets	14,32,33	1,620,000	1,340,505	1,091,976
Current available-for-sale financial assets	10,32	1,500	1,241	-
Inventories	13	914,702	756,890	889,035
Total non-current assets		3,635,859	3,008,573	3,469,024
Long-term trade and other receivables	12,31,32	68,017	56,282	78,600
Long-term prepaid expenses		5,398	4,466	6,706
Long-term deposits in MSA Escrow Fund	11,32,34	503,592	416,708	403,966
Available-for-sale financial assets	10,32	364,305	301,453	340,149
Investments in subsidiaries	9	1,154,925	955,669	1,124,446
Investments in associates and joint ventures	8	58,230	48.184	46,230
Investment property	7,16	335,196	277,366	136,801
Intangible assets	6	28,928	23,937	22,494
Assets Property, plant and equipment	5	₩ 1,117,268	\$ 924.508	₩ 1,309,632
and thousands of U.S. dollars	Note	won	(note 4)	won
In millions of won		Korean	U.S. dollars	Korean
		2016	2016	2015

# KT&G CORPORATION Separate Statements of Financial Position, Continued

### As of December 31, 2016 and 2015

In millions of won and thousands of U.S. dollars	Note	2016 Korean won	2016 U.S. dollars (note 4)	2015 Korean won
Equity				
Ordinary shares	1,17	₩ 954,959	\$ 790,202	₩ 954,959
Other capital surplus	17	3,582	2,964	3,582
Treasury shares	18	(328,157)	(271,541)	(337,062)
Gain on reissuance of treasury shares	18	513,776	425,136	494,648
Reserves	19	4,366,268	3,612,965	3,784,467
Retained earnings	20	1,068,469	884,128	995,886
Total equity		6,578,897	5,443,854	5,896,480
Liabilities				
Long-term trade and other payables	16,22,31,32	6,848	5,666	8,147
Long-term advance receipts	-, ,- ,-	319	264	491
Net defined benefit liability	24	47,121	38,992	42,174
Deferred income tax liabilities	29	73,328	60,677	72,179
Total non-current liabilities		127,616	105,599	122,991
Short-term borrowings	23,32,33	3,851	3,186	5,031
Trade and other payables	22,31,32	436,270	361,001	433,824
Advance receipts		972	804	26,024
Income tax payable		174,192	144,139	199,767
Tobacco excise and other taxes payable		1,147,014	949,123	765,110
Total current liabilities		1,762,299	1,458,253	1,429,756
Total liabilities		1,889,915	1,563,852	1,552,747
Total equity and liabilities		₩ 8,468,812	\$ 7,007,706	₩ 7,449,227

# KT&G CORPORATION Separate Statements of Comprehensive Income

### For the years ended December 31, 2016 and 2015

In millions of won and thousands of U.S. dollars,		2016 Korean	2016 U.S. dollars	2015 Korean
except earnings per share	Note	won	(note 4)	won
Sales:	25,31,34			
Manufacture of tobacco		₩ 2,670,305		₩ 2,607,650
Real estate		184,734	152,862	142,847
Exports of leaf tobacco and others		113,136 2,968,175	93,617 2,456,082	71,175 2,821,672
		2,900,175	2,450,062	2,021,072
Cost of sales:	25,26,31	/	(= = = . · ·	/- / )
Manufacture of tobacco		(861,301)	(712,703)	(813,639)
Real estate		(118,427)	(97,995)	(84,915)
Exports of leaf tobacco and others		(68,391)	(56,591) (867,289)	(48,091)
-		(1,048,119)	(867,289)	(946,645)
Gross profit		1,920,056	1,588,793	1,875,027
Selling, general and administrative expenses	26,31	(614,979)	(508,878)	(637,709)
Operating profit		1,305,077	1,079,915	1,237,318
Other income	27,31	126,578	104,740	104,453
Other expenses	27,31	(91,848)	(76,002)	(103,360)
Finance income	28,32	69,493	57,503	81,917
Finance costs	28,32	(8,936)	(7,394)	(888)
Net finance income	28	60,557	50,109	81,029
Profit before income tax		1,400,364	1,158,762	1,319,440
Income tax expense	29	(313,017)	(259,013)	(331,516)
Profit for the year		₩ 1,087,347	\$ 899,749	₩ 987,924
Other comprehensive income (loss):				
Items that will not be reclassified to profit or loss				
Remeasurements of				
net defined benefit liability, net of tax	24	₩ (18,878)	\$ (15,621)	<del>₩</del> 7,962
Items that are or may be reclassified subsequently to profit or loss				
Unrealized net changes in fair value of		14,199	11,750	(17,695)
available-for-sale financial assets, net of tax		·	·	· · · · · · · · · · · · · · · · · · ·
Other comprehensive loss for the year, net of tax		(4,679)	(3,871)	(9,733)
Total comprehensive income for the year		₩ 1,082,668	\$ 895,878	₩ 978,191
Earnings per share in won and U.S. dollars: Basic and diluted	30	₩ 8,618	\$ 7.13	₩ 7,843
		2,3.0		.,

# KT&G CORPORATION Separate Statements of Changes in Equity

### For the year ended December 31, 2016

					Gain on			
		0 "	Other		reissuance of		D	<b>T</b>
In malliance of comm		Ordinary	capital	Treasury	treasury	D	Retained	Total
In millions of won		shares	surplus	shares	shares	Reserves	earnings	equity
Balance at January 1, 2016	₩	954,959	3,582	(337,062)	494,648	3,784,467	995,886	5,896,480
Total comprehensive income for the year:								
Profit for the year		-	-	-	-	-	1,087,347	1,087,347
Other comprehensive income (loss):								
Remeasurements of net defined benefit liability, net of tax		-	-	-	-	-	(18,878)	(18,878)
Unrealized net changes in fair value of								
available-for-sale financial assets, net of tax		-	-	-	=	14,199	-	14,199
Total other comprehensive income (loss)		-	_	_	_	14,199	(18,878)	(4,679)
Total comprehensive income for the year		_	_	_	_	14,199	1,068,469	1,082,668
Transactions with owners, recorded directly in equity:								
Dividends		-	-	-	-	-	(428,284)	(428, 284)
In-kind donation of treasury shares		-	-	8,905	19,128	-	-	28,033
Transfer from reserve for research and human resource development		-	-	-	-	(10,000)	10,000	-
Transfer to unconditional reserve		-	-	-	-	577,602	(577,602)	
Total transactions with owners		-	-	8,905	19,128	567,602	(995,886)	(400,251)
Balance at December 31, 2016	₩	954,959	3,582	(328,157)	513,776	4,366,268	1,068,469	6,578,897

# KT&G CORPORATION Separate Statements of Changes in Equity, Continued

### For the year ended December 31, 2016

				Gain on			
	Ordinary	Other capital	r Treasury	eissuance of		Retained	Total
In thousands of U.S. dollars (note 4)	shares	surplus	shares	treasury shares	Reserves	earnings	equity
Balance at January 1, 2016	\$ 790,202	2,964	(278,909)	409,308	3,131,540	824,068	4,879,173
Total comprehensive income for the year:							
Profit for the year	-	-	-	-	-	899,749	899,749
Other comprehensive income (loss):							
Remeasurements of net defined benefit liability, net of tax	-	-	-	-	-	(15,621)	(15,621)
Unrealized net changes in fair value of							
available-for-sale financial assets, net of tax	-	-	-	-	11,750	-	11,750
Total other comprehensive income (loss)	-	-	-	-	11,750	(15,621)	(3,871)
Total comprehensive income for the year	-	-	-	-	11,750	884,128	895,878
Transactions with owners, recorded directly in equity:							
Dividends	-	-	-	-	-	(354,393)	(354,393)
In-kind donation of treasury shares	-	-	7,368	15,828	-	-	23,196
Transfer from reserve for research and human resource development	-	-	-	-	(8,275)	8,275	-
Transfer to unconditional reserve		-		-	477,950	(477,950)	
Total transactions with owners	-	-	7,368	15,828	469,675	(824,068)	(331,197)
Balance at December 31, 2016	\$ 790,202	2,964	(271,541)	425,136	3,612,965	884,128	5,443,854

# KT&G CORPORATION Separate Statements of Changes in Equity, Continued

### For the year ended December 31, 2015

			Other	r	Gain on reissuance of			
		Ordinary	capital	Treasury	treasury		Retained	Total
In millions of won		shares	surplus	shares	shares	Reserves	earnings	equity
Balance at January 1, 2015	₩	954,959	3,582	(339,059)	492,032	3,493,758	736,460	5,341,732
Total comprehensive income for the year: Profit for the year		_	_	_	-	-	987,924	987,924
Other comprehensive income (loss):							, ,	
Remeasurements of net defined benefit liability, net of tax		-	-	-	-	-	7,962	7,962
Unrealized net changes in fair value of available-for-sale financial assets, net of tax		-	-	_	-	(17,695)	_	(17,695)
Total other comprehensive income (loss)		-	-	-	-	(17,695)	7,962	(9,733)
Total comprehensive income (loss) for the year		-	-	-	-	(17,695)	995,886	978,191
Transactions with owners, recorded directly in equity:								
Dividends		-	-	-	-	-	(428,056)	(428,056)
In-kind donation of treasury shares		-	-	1,997	2,616	-	-	4,613
Transfer from reserve for research and human resource development		-	-	-	-	(12,522)	12,522	-
Transfer to unconditional reserve		-	-	-	-	320,926	(320,926)	
Total transactions with owners		-	-	1,997	2,616	308,404	(736,460)	(423,443)
Balance at December 31, 2015	₩	954,959	3,582	(337,062)	494,648	3,784,467	995,886	5,896,480

# KT&G CORPORATION Separate Statements of Cash Flows

### For the years ended December 31, 2016 and 2015

		2016	2016	2015
In millions of won and thousands of U.S. dollars	Note	Korean won	U.S. dollars (note 4)	Korean won
Cash flows from operating activities				
Cash generated from operations	35	₩ 1,694,203	\$ 1.401.906	₩ 1,600,888
Income tax paid		(342,058)	(283,043)	(284,038)
Net cash provided by operating activities		1,352,145	1,118,863	1,316,850
Cash flows from investing activities	35			
Interest received		34,270	28,357	30,860
Dividends received		18,395	15,222	20,217
Proceeds from sale of property, plant and equipment		15,360	12,710	9,563
Proceeds from sale of intangible assets		476	394	1,593
Proceeds from sale of non-current assets held for sale		5,800	4,799	4,260
Proceeds from investments in associates and joint ventures		13,095	10,836	13,625
Proceeds from sale of available-for-sale financial assets		33,988	28,124	233
Collection of loans		13,167	10,896	11,220
Withdrawal of guarantee deposits		12,083	9,999	18,171
Acquisition of property, plant and equipment		(118,665)	(98,192)	(138,416)
Acquisition of intangible assets		(6,910)	(5,718)	(3,752)
Acquisition of investment property		(40.000)	- (4.5.700)	(64)
Acquisition of investments in associates and joint ventures		(19,000)	(15,722)	(77,007)
Acquisition of investments in subsidiaries		(3,065)	(2,536)	(77,207)
Acquisition of available-for-sale financial assets		(31,000)	(25,652)	(34,200)
Increase in loans Payments of guarantee deposits		(18,509)	- (15,317)	(59,935)
Payments of long-term deposits in MSA Escrow Fund		(89,663)	(74,193)	(16,485) (78,492)
lincrease in other financial assets, net		(540,000)	(446,835)	(440,000)
Acquisition of redeemable convertible preference shares		(540,000)	(440,033)	(26,000)
		<del>_</del>		
Net cash used in investing activities		(680,178)	(562,828)	(764,809)
Cash flows from financing activities				
Dividends paid		(428,284)	(354,393)	(428,056)
Increase in leasehold deposits received		(3,704)	(3,066)	3,411
Decrease in leasehold deposits received		4,199	3,475	(4,605)
Net cash used in financing activities		(427,789)	(353,984)	(429,250)
Effect of exchange rate fluctuation on cash held		181	150	23
Net increase in cash and cash equivalents		244,359	202,201	122,814
Cash and cash equivalents at January 1		444,376	367,708	321,562
Cash and cash equivalents at December 31		₩ 688,735	\$ 569,909	₩ 444,376

#### For the years ended December 31, 2016 and 2015

#### 1. Organization and Description of Business

KT&G Corporation (the "Company"), which is engaged in manufacturing and selling tobaccos, was established on April 1, 1987 as Korea Monopoly Corporation, a wholly-owned enterprise of the Korean government, pursuant to the Korea Monopoly Corporation Act, in order to secure financing and to promote and develop, through efficient management, the monopoly business of red ginseng and tobacco. On April 1, 1989, the Company changed its name to Korea Tobacco and Ginseng Corporation pursuant to the Korea Tobacco and Ginseng Corporation Act. Also, pursuant to the Act on Management Reform and Privatization of Public Enterprises, proclaimed on August 28, 1997 and enforced on October 1, 1997, the Company was excluded from the application of the Act for the Management of Government Invested Enterprises. Accordingly, the Company became an entity existing and operating under the Commercial Act of Korea. The Korean government sold 28,650,000 shares of the Company to the public during 1999 and the Company listed its shares on the Korea Exchange (formerly, the Korea Stock Exchange) on October 8, 1999. On December 27, 2002, the Company changed its name again to KT&G Corporation from Korea Tobacco and Ginseng Corporation.

As of December 31, 2016, the Company has three manufacturing plants, including the Shintanjin plant, and 14 local headquarters and 123 branches for the sale of tobacco throughout the country. Also, the Company has the Gimcheon plant for fabrication of leaf tobacco and the Cheonan printing plant for the manufacturing of packaging. The head office of the Company is located in 71, Beotkkot-gil, Daedeok-gu, Daejeon.

Pursuant to the Korean government's privatization program and management reorganization plan, on December 28, 1998, the shareholders approved a plan to separate the Company into two companies by setting up a subsidiary for its red ginseng business segment effective January 1, 1999. The separation was accomplished by the Company's contribution of the assets and liabilities in the red ginseng business segment into a whollyowned subsidiary, Korea Ginseng Corporation.

On October 17, 2002 and October 31, 2001, the Company listed 35,816,658 and 45,400,000 Global Depositary Receipts ("GDR") (each GDR representing the right to receive one-half share of an ordinary share of the Company), respectively, on the Luxembourg Stock Exchange pursuant to the Korean government's privatization program. Also, on June 25, 2009, the market of the Company's GDR was changed from the BdL market to the Euro MTF in the Luxembourg Stock Exchange.

The ownership of the Company's issued ordinary shares as of December 31, 2016 is held as follows:

Shareholder	Number of shares	Percentage of ownership
National Pension Service	11,958,664	8.71%
Industrial Bank of Korea	9,510,485	6.93%
Employee Share Ownership Association	2,809,669	2.05%
Treasury shares	11,027,370	8.03%
Others	101,986,309	74.28%
	137,292,497	100.00%

#### For the years ended December 31, 2016 and 2015

#### 2. Basis of Preparation

#### (a) Statement of Compliance

The separate financial statements have been prepared in accordance with Korean International Financial Reporting Standards ("K-IFRS"), as prescribed in *the Act on External Audits of Corporations* in the Republic of Korea.

These financial statements are separate financial statements prepared in accordance with K-IFRS No.1027 Separate Financial Statements presented by a parent, an investor in an associate or a venture in a jointly controlled entity, in which the investments are accounted for on the basis of the direct equity interest rather than on the basis of the reported results and net assets of the investees.

The separate financial statements were authorized for issue by the Board of Directors on January 19, 2017, which will be submitted for approval to the shareholders' meeting to be held on March 17, 2017.

#### (b) Basis of Measurement

The separate financial statements have been prepared on the historical cost basis, except for the following material items in the separate statements of financial position:

- Derivative financial instruments measured at fair value
- Available-for-sale financial assets measured at fair value
- Liabilities for defined benefit plans recognized at the net of the total present value of defined benefit obligations less the fair value of plan assets

#### (c) Functional and Presentation Currency

These separate financial statements are presented in Korean won, which is the Company's functional currency and the currency of the primary economic environment in which the Company operates.

#### (d) Use of Estimates and Judgments

The preparation of the separate financial statements in conformity with K-IFRS requires management to make judgements, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses. Actual results may differ from these estimates.

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimates are revised and in any future periods affected.

Information about critical judgments in applying accounting policies that have the most significant effect on the amounts recognized in the separate financial statements is included in the following note:

- Note 3 classification of financial instruments;
- Note 8 classification of joint arrangements.

Information about assumptions and estimation uncertainties that have a significant risk of resulting in a material adjustment within the next financial year are included in the following notes:

- Note 9 impairment test: key assumptions underlying recoverable amounts;
- Note 24 measurement of defined benefit obligations: key actuarial assumptions; and
- Note 34 recognition and measurement of contingencies: key assumptions about likelihood and magnitude of an outflow of resources.

#### For the years ended December 31, 2016 and 2015

#### 2. Basis of Preparation, Continued

#### (e) Measurement of Fair Values

A number of the Company's accounting policies and disclosures require the measurement of fair values, for both financial and non-financial assets and liabilities. The Company has an established control framework with respect to the measurement of fair values. This includes a valuation team that has overall responsibility for overseeing all significant fair value measurements, including Level 3 fair values, and reports directly to the CFO.

The valuation team regularly reviews significant unobservable inputs and valuation adjustments. If third party information, such as broker quotes or pricing services, is used to measure fair values, then the valuation team assesses the evidence obtained from the third parties to support the conclusion that such valuations meet the requirements of K-IFRS, including the level in the fair value hierarchy in which such valuations should be classified.

Significant valuation issues are reported to the Company's Audit Committee.

When measuring the fair value of an asset or a liability, the Company uses market observable data as far as possible. Fair values are categorized into different levels in a fair value hierarchy based on the inputs used in the valuation techniques as follows:

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

If the inputs used to measure the fair value of an asset or a liability fall into different levels of the fair value hierarchy, then the fair value measurement is categorized in its entirety in the same level of the fair value hierarchy as the lowest level input that is significant to the entire measurement. The Company recognizes transfers between levels of the fair value hierarchy at the end of the reporting period during which the change has occurred.

Further information about the assumptions made in measuring fair values is included in following notes:

- Note 7 investment property
- Note 32 financial instruments

#### For the years ended December 31, 2016 and 2015

#### 3. Significant Accounting Policies

The significant accounting policies applied by the Company in preparation of its separate financial statements are included below. The accounting policies set out below have been applied consistently to all periods presented in these separate financial statements.

#### (a) Subsidiaries, Associates and Joint Ventures in the Separate Financial Statements

These separate financial statements are prepared and presented in accordance with K-IFRS No.1027. The Company applied the cost method to investments in subsidiaries, associates and joint ventures in accordance with K-IFRS No. 1027. Dividends from a subsidiaries, associates and joint ventures are recognized in profit or loss when the right to receive the dividend is established.

#### (b) Property, Plant and Equipment

All property, plant and equipment are stated at historical cost less depreciation and accumulated impairment loss. Historical cost includes expenditures directly attribute to the acquisition of the items.

Subsequent costs are included in the asset's carrying amount or recognized as a separate asset, as appropriate, only when it is probable that future economic benefits associated with the item will flow to the Company and the cost of the item can be measured reliably. The carrying amount of the replaced part is derecognized. All other repairs and maintenance are charged to the statement of comprehensive income during the financial period in which they are incurred.

Property, plant and equipment, except for land and other tangible fixed assets, are depreciated on a straight-line basis over estimated useful lives that appropriately reflect the pattern in which the asset's future economic benefits are expected to be consumed.

The estimated useful lives of the Company's assets are as follows:

	Useful lives (years)		Useful lives (years)
Buildings	10 ~ 40	Vehicles	4
Structures		Tools	4
Machinery		Furniture and fixtures	4

The assets' residual values and useful lives are reviewed, and adjusted if appropriate, at the end of each reporting period. An asset's carrying amount is written down immediately to its recoverable amount if the asset's carrying amount is greater than its estimated recoverable amount. Gains and losses on disposals are determined by comparing the proceeds with the carrying amount and are recognized in other income and expense in the statement of comprehensive income.

#### For the years ended December 31, 2016 and 2015

#### 3. Significant Accounting Policies, Continued

#### (c) Borrowing Costs

The Company capitalizes borrowing costs directly attributable to the acquisition, construction or production of a qualifying asset as part of the cost of that asset. Other borrowing costs are recognized in expense as incurred. A qualifying asset is an asset that requires a substantial period of time to get ready for its intended use or sale. Financial assets and inventories that are manufactured or otherwise produced over a short period of time are not qualifying assets. Assets that are ready for their intended use or sale when acquired are not qualifying assets.

To the extent that the Company borrows funds specifically for the purpose of obtaining a qualifying asset, the Company determines the amount of borrowing costs eligible for capitalization as the actual borrowing costs incurred on that borrowing during the period less any investment income on the temporary investment of those borrowings. The Company immediately recognizes other borrowing costs as an expense. To the extent that the Company borrows funds generally and uses them for the purpose of obtaining a qualifying asset, the Company determines the amount of borrowing costs eligible for capitalization by applying a capitalization rate to the expenditures on that asset. The capitalization rate is the weighted average of the borrowing costs applicable to the borrowings of the Company that are outstanding during the period, other than borrowings made specifically for the purpose of obtaining a qualifying asset. The amount of borrowing costs that the Company capitalizes during a period does not exceed the amount of borrowing costs incurred during that period.

#### (d) Government Grants

Government grants are not recognized unless there is reasonable assurance that the Company will comply with the grant's conditions and that the grant will be received. Government grants which are intended to compensate the Company for expenses incurred are recognized as other income in profit or loss over the periods in which the Company recognizes the related costs as expenses.

#### (e) Intangible Assets

Intangible assets are measured initially at cost and, subsequently, are carried at cost less accumulated amortization and accumulated impairment losses. Intangible assets consist of industrial property rights, facility usage rights and intangible assets under development. Intangible assets are amortized on a straight-line basis over the estimated useful lives of intangible assets from the date that they are available for use. The residual value of intangible assets is assumed to be zero. However, as there are no foreseeable limits to the periods over which some of industrial property rights and facility usage rights are expected to be available for use, these intangible assets are regarded as having indefinite useful lives and not amortized.

The estimated useful lives are as follows:

Useful lives (years)

Industrial property rights
Facility usage rights

Useful lives (years)  $10 \sim 20 \text{ or indefinite}$ 

Amortization periods and amortization methods for intangible assets with finite useful lives are reviewed at the end of each reporting period. The useful lives of intangible assets that are not being amortized are reviewed at the end of each reporting period to determine whether events and circumstances continue to support indefinite useful life assessment for those assets. The change is accounted for as a change in an accounting estimate.

#### For the years ended December 31, 2016 and 2015

#### 3. Significant Accounting Policies, Continued

#### (f) Investment Property

Property held for the purpose of earning rentals or benefiting from capital appreciation is classified as investment property. Investment property is initially measured at its cost. Transaction costs are included in the initial measurement. Subsequently, investment property is carried at depreciated cost less any accumulated impairment losses.

Subsequent costs are recognized in the carrying amount of investment property at cost or, if appropriate, as separate items if it is probable that future economic benefits associated with the item will flow to the Company and the cost of the item can be measured reliably. The carrying amount of the replaced part is derecognized. The costs of the day-to-day servicing are recognized in profit or loss as incurred.

Investment property except for land, are depreciated on a straight-line basis over  $10 \sim 60$  years as estimated useful lives.

Depreciation methods, useful lives and residual values are reviewed at the end of each reporting date and adjusted, if appropriate. The change is accounted for as a change in an accounting estimate.

#### (g) Non-current Assets Held for Sale

Non-current assets, or disposal groups comprising assets and liabilities, that are expected to be recovered primarily through sale rather than through continuing use, are classified as held for sale. In order to be classified as held for sale, the asset (or disposal group) must be available for immediate sale in its present condition and its sale must be highly probable. The assets or disposal group that are classified as non-current assets held for sale are measured at the lower of their carrying amount and fair value less cost to sell.

The Company recognizes an impairment loss for any initial or subsequent write-down of an asset (or disposal group) to fair value less costs to sell, and a gain for any subsequent increase in fair value less costs to sell, up to the cumulative impairment loss previously recognized in accordance with K-IFRS No. 1036 *Impairment of Assets*.

A non-current asset that is classified as held for sale or part of a disposal group classified as held for sale is not depreciated (or amortized).

#### (h) Inventories

Inventories are measured at the lower of cost and net realizable value. The cost of inventories comprises all costs of purchase, costs of conversion and other costs incurred in bringing the inventories to their present location and condition.

The cost of inventories is determined by the weighted-average method for finished goods, by-products, work-in-progress and tobacco leaf in raw materials, by the moving-average method for raw materials and supplies; and by the specific identification method for all other inventories.

#### For the years ended December 31, 2016 and 2015

#### 3. Significant Accounting Policies, Continued

#### (h) Inventories, Continued

When inventories are sold, the carrying amount of those inventories is recognized as an expense in the period in which the related revenue is recognized. The amount of any write-down of inventories to net realizable value and all losses of inventories are recognized as an expense in the period the write-down or loss occurs. The amount of any reversal of any write-down of inventories, arising from an increase in net realizable value, is recognized as a reduction in the amount of inventories and recognized as an expense in the period in which the reversal occurs.

Tobacco leaf inventories which have an operating cycle that exceeds 12 months are classified as current assets, consistent with recognized industry practice. The estimated amounts of inventories in current assets which are not expected to be realized within 12 months are \footnote{W}314,457 million and \footnote{W}310,043 million, respectively, as of December 31, 2016 and 2015.

#### (i) Impairment of Non-financial Assets

The carrying amounts of the Company's non-financial assets, other than inventories, deferred tax assets, assets arising from employee benefits and non-current assets held for sale, are reviewed at the end of the reporting period to determine whether there is any indication of impairment. If any such indication exists, then the asset's recoverable amount is estimated. Intangible assets that have indefinite useful lives or that are not yet available for use, irrespective of whether there is any indication of impairment, are tested for impairment annually by comparing their recoverable amount to their carrying amount.

The Company estimates the recoverable amount of an individual asset. If it is impossible to measure the individual recoverable amount of an asset, then the Company estimates the recoverable amount of cash-generating unit ("CGU"). A CGU is the smallest identifiable group of assets that generates cash inflows that are largely independent of the cash inflows from other assets or groups of assets. The recoverable amount of an asset or CGU is the greater of its value in use and its fair value less costs to sell. The value in use is estimated by applying a pre-tax discount rate that reflect current market assessments of the time value of money and the risks specific to the asset or CGU for which estimated future cash flows have not been adjusted, to the estimated future cash flows expected to be generated by the asset or CGU.

An impairment loss is recognized if the carrying amount of an asset or a CGU exceeds its recoverable amount. Impairment losses are recognized in profit or loss.

#### (j) Non-derivative Financial Assets

The Company recognizes and measures non-derivative financial assets by the following four categories: financial assets at fair value through profit or loss, held-to-maturity investments, loans and receivables and available-for-sale financial assets. The Company recognizes financial assets in the statement of financial position when the Company becomes a party to the contractual provisions of the instrument.

Upon initial recognition, non-derivative financial assets are measured at their fair value plus, in the case of a financial asset not at fair value through profit or loss, transaction costs that are directly attributable to the asset's acquisition or issuance.

#### For the years ended December 31, 2016 and 2015

#### 3. Significant Accounting Policies, Continued

#### (j) Non-derivative Financial Assets, Continued

#### (i) Financial assets at fair value through profit or loss

A financial asset is classified as financial assets are classified at fair value through profit or loss if it is held for trading or is designated as such upon initial recognition. Upon initial recognition, transaction costs are recognized in profit or loss when incurred. Financial assets at fair value through profit or loss are measured at fair value, and changes therein are recognized in profit or loss.

#### (ii) Held-to-maturity investments

A non-derivative financial asset with a fixed or determinable payment and fixed maturity, for which the Company has the positive intention and ability to hold to maturity, are classified as held-to-maturity investments. Subsequent to initial recognition, held-to-maturity investments are measured at amortized cost using the effective interest method.

#### (iii) Loans and receivables

Loans and receivables are financial assets with fixed or determinable payments that are not quoted in an active market. Subsequent to initial recognition, loans and receivables are measured at amortized cost using the effective interest method except for loans and receivables of which the effect of discounting is immaterial.

#### (iv) Available-for-sale financial assets

Available-for-sale financial assets are those non-derivative financial assets that are designated as available-for-sale or are not classified as financial assets at fair value through profit or loss, held-to-maturity investments or loans and receivables. Subsequent to initial recognition, they are measured at fair value, which changes in fair value, net of any tax effect, recorded in other comprehensive income in equity. Investments in equity instruments that do not have a quoted market price in an active market and whose fair value cannot be reliably measured and derivatives that are linked to and must be settled by delivery of such unquoted equity instruments are measured at cost.

#### (v) De-recognition of financial assets

The Company derecognizes a financial asset when the contractual rights to the cash flows from the asset expire, or it transfers the rights to receive the contractual cash flows on the financial asset in a transaction in which substantially all the risks and rewards of ownership of the financial asset are transferred. Any interest in transferred financial assets that is created or retained by the Company is recognized as a separate asset or liability.

If the Company retains substantially all the risks and rewards of ownership of the transferred financial assets, the Company continues to recognize the transferred financial assets and recognizes financial liabilities for the consideration received.

#### For the years ended December 31, 2016 and 2015

#### 3. Significant Accounting Policies, Continued

#### (j) Non-derivative Financial Assets, Continued

#### (vi) Offsetting between financial assets and financial liabilities

Financial assets and financial liabilities are offset and the net amount is presented in the statement of financial position only when the Company currently has a legally enforceable right to offset the recognized amounts, and there is the intention to settle on a net basis or to realize the asset and settle the liability simultaneously.

#### (k) Derivative Financial Instruments

Derivatives are initially recognized at fair value. Subsequent to initial recognition, derivatives are measured at fair value, and changes therein are recognized immediately in profit or loss.

Embedded derivatives are separated from the host contract and accounted for separately only if the following criteria have been met:

- the economic characteristics and risks of the embedded derivative are not closely related to those of the host contract
- a separate instrument with the same terms as the embedded derivative would meet the definition of a derivative and
- the hybrid instrument is not measured at fair value with changes in fair value recognized in profit or loss.

Changes in the fair value of separable embedded derivatives are recognized immediately in profit or loss.

#### (I) Impairment of Financial Assets

A financial asset not carried at fair value through profit or loss is assessed at each reporting date to determine whether there is objective evidence that it is impaired. A financial asset is impaired if objective evidence indicates that a loss event has occurred after the initial recognition of the asset, and that the loss event had a negative effect on the estimated future cash flows of that asset that can be estimated reliably. However, losses expected as a result of future events, regardless of likelihood, are not recognized.

If financial assets have objective evidence that they are impaired, impairment losses should be measured and recognized.

#### (i) Financial assets measured at amortized cost

An impairment loss in respect of a financial asset measured at amortized cost is calculated as the difference between its carrying amount and the present value of its estimated future cash flows discounted at the asset's original effective interest rate. If it is not practicable to obtain the instrument's estimated future cash flows, impairment losses would be measured by using prices from any observable current market transactions. The Company can recognize impairment losses directly or establish a provision to cover impairment losses. If, in a subsequent period, the amount of the impairment loss decreases and the decrease can be related objectively to an event occurring after the impairment was recognized, the previously recognized impairment loss is reversed either directly or by adjusting an allowance account.

#### For the years ended December 31, 2016 and 2015

#### 3. Significant Accounting Policies, Continued

#### (I) Impairment of Financial Assets, Continued

#### (ii) Financial assets carried at cost

If there is objective evidence that an impairment loss has occurred on an unquoted equity instrument that is not carried at fair value because its fair value cannot be reliably measured, or on a derivative asset that is linked to and must be settled by delivery of such an unquoted equity instrument, the amount of the impairment loss is measured as the difference between the carrying amount of the financial asset and the present value of estimated future cash flows discounted at the current market rate of return for a similar financial asset. Such impairment losses are not reversed.

#### (iii) Available-for-sale financial assets

When a decline in the fair value of an available-for-sale financial asset has been recognized in other comprehensive income and there is objective evidence that the asset is impaired, the cumulative loss that had been recognized in other comprehensive income is reclassified from other comprehensive income to profit or loss as a reclassification adjustment even though the financial asset has not been derecognized. Impairment losses recognized in profit or loss for an investment in an equity instrument classified as available-for-sale are not reversed through profit or loss. If, in a subsequent period, the fair value of a debt instrument classified as available-for-sale increases and the increase can be objectively related to an event occurring after the impairment loss was recognized in profit or loss, the impairment loss is reversed, with the amount of the reversal recognized in profit or loss. For an investment in an equity security, objective evidence of impairment includes a significant or prolonged decline in its fair value below its cost.

#### (m) Cash and Cash Equivalents

Cash and cash equivalents comprise cash balances and call deposits with maturities of three months or less from the acquisition date that are subject to an insignificant risk of changes in their fair value, and are used by the Company in the management of its short-term commitments. Equity investments are excluded from cash equivalents unless they are, in substance, cash equivalents, for example in the case of preferred shares when it has a short maturity with a specified redemption date.

#### (n) Non-derivative Financial Liabilities

The Company classifies non-derivative financial liabilities into financial liabilities at fair value through profit or loss, financial guarantee liabilities and other financial liabilities in accordance with the substance of the contractual arrangement and the definitions of financial liabilities. The Company recognizes financial liabilities in the statement of financial position when the Company becomes a party to the contractual provisions of the financial liability.

#### (i) Financial liabilities at fair value through profit or loss

Financial liabilities at fair value through profit or loss include financial liabilities held for trading or designated as such upon initial recognition. Subsequent to initial recognition, financial liabilities at fair value through profit or loss are measured at fair value, and changes therein are recognized in profit or loss. Upon initial recognition, transaction costs that are directly attributable to the acquisition are recognized in profit or loss as incurred.

#### For the years ended December 31, 2016 and 2015

#### 3. Significant Accounting Policies, Continued

#### (n) Non-derivative Financial Liabilities, Continued

#### (ii) Financial guarantee liabilities

Financial guarantee liability is a contract that requires the issuer to make specified payments to reimburse the holder for a loss it incurs because a specified debtor fails to make payment when due in accordance with the original or modified term of a debt instrument. Upon initial recognition, financial guarantee liabilities are measured at their fair value minus, transaction costs that are directly attributable to the acquisition or issue of the financial guarantee liability.

After initial recognition, an issuer of such a contract measures it at the higher of the amount determined in accordance with K-IFRS No. 1037 *Provisions, Contingent Liabilities and Contingent Assets* and the amount initially recognized less, when appropriate, cumulative amortisation recognized in accordance with K-IFRS No. 1018 *Revenue*.

#### (iii) Other financial liabilities

Non-derivative financial liabilities other than financial liabilities at fair value through profit or loss or financial guarantee liabilities are classified as other financial liabilities. At the date of initial recognition, other financial liabilities are measured at fair value minus transaction costs that are directly attributable to the acquisition. Subsequent to initial recognition, other financial liabilities are measured at amortized cost using the effective interest method.

The Company derecognizes a financial liability from the statement of financial position when it is extinguished (i.e. when the obligation specified in the contract is discharged, cancelled or expires).

#### (o) Employee Benefits

#### (i) Short-term employee benefits

Short-term employee benefits are employee benefits that are due to be settled within 12 months after the end of the period in which the employees render the related service. When an employee has rendered service to the Company during an accounting period, the Company recognizes the undiscounted amount of short-term employee benefits expected to be paid in exchange for that service.

#### (ii) Retirement benefits: defined contribution plans

When an employee has rendered service to the Company during a period, the Company recognizes the contribution payable to a defined contribution plan in exchange for that service as a liability (accrued expense), after deducting any contribution already paid. If the contribution already paid exceeds the contribution due for service before the end of the reporting period, the Company recognizes that excess as an asset (prepaid expense) to the extent that the prepayment will lead to a reduction in future payments or a cash refund.

#### For the years ended December 31, 2016 and 2015

#### 3. Significant Accounting Policies, Continued

#### (o) Employee Benefits, Continued

#### (iii) Retirement benefits: defined benefit plans

The calculation of defined benefit obligations is performed annually by a qualified actuary using the projected unit credit method. When the calculation results in a potential asset for the Company, the recognized asset is limited to the present value of economic benefits available in the form of any future refunds from the plan or reductions in future contributions to the plan. To calculate the present value of economic benefits, consideration is given to any applicable minimum funding requirements.

Remeasurements of the net defined benefit liability, which comprise actuarial gains and losses, the return on plan assets (excluding interest) and the effect of the asset ceiling (if any, excluding interest), are recognized immediately in other comprehensive income. The Company determines the net interest expense (income) on the net defined benefit liability (asset) for the year by applying the discount rate used to measure the defined benefit obligation at the beginning of the annual period to the then-net defined benefit liability (asset), taking into account any changes in the net defined benefit liability (asset) during the period as a result of contributions and benefit payments. Net interest expense and other expenses related to defined benefit plans are recognized in profit or loss.

When the benefits of a plan are changed or when a plan is curtailed, the resulting change in benefit that relates to past service or the gain or loss on curtailment is recognized immediately in profit or loss. The Company recognizes gains and losses on the settlement of a defined benefit plan when the settlement occurs.

#### (iv) Termination benefits

Termination benefits are expensed at the earlier of when the Company can no longer withdraw the offer of those benefits and when the Company recognizes costs for a restructuring. If benefits are not expected to be settled wholly within 12 months of the end of the reporting period, then they are discounted.

#### (p) Provisions

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

The risks and uncertainties that inevitably surround many events and circumstances are taken into account in reaching the best estimate of a provision. Where the effect of the time value of money is material, provisions are determined at the present value of the expected future cash flows.

Where some or all of the expenditures required to settle a provision are expected to be reimbursed by another party, the reimbursement shall be recognized when, and only when, it is virtually certain that reimbursement will be received if the entity settles the obligation. The reimbursement shall be treated as a separate asset.

Provisions are reviewed at the end of each reporting period and adjusted to reflect the current best estimates. If it is no longer probable that an outflow of resources embodying economic benefits will be required to settle the obligation, the provision is reversed.

#### For the years ended December 31, 2016 and 2015

#### 3. Significant Accounting Policies, Continued

#### (q) Equity Capital

Ordinary shares are classified as equity. Incremental costs directly attributable to the issuance of ordinary shares and share options are recognized as a deduction from equity, net of any tax effects.

When the Company repurchases its share capital, the amount of the consideration paid is recognized as a deduction from equity and classified as treasury shares. The profits or losses from the purchase, disposal, reissue, or retirement of treasury shares are not recognized as current profit or loss. If the Company acquires and retains treasury shares, the consideration paid or received is directly recognized in equity.

#### (r) Revenue Recognition

The Company's revenue categories consist of goods sold, services and other income.

Revenue from sale of goods is measured at the fair value of the consideration received or receivable, net of tobacco excise and other taxes, trade discounts and volume rebates. Revenue from the sale of goods is recognized when the Company has transferred to the buyer the significant risks and rewards of ownership of the goods, the Company retains neither continuing managerial involvement to the degree usually associated with ownership nor effective control over the goods sold, the amount of revenue can be measured reliably, it is probable that the economic benefits associated with the transaction will flow to the Company and the costs incurred or to be incurred in respect of the transaction can be measured reliably. Tobacco excise and other taxes deducted from revenue for the years ended December 31, 2016 and 2015 were \(\forall 6,140,131\) million and \(\forall 5,179,692\) million, respectively.

Revenue from the construction of real estate includes the initial amount agreed in the contract plus any variations in contract work, claims and incentive payments, to the extent that it is probable that they will result in revenue and can be measured reliably. As soon as the outcome of a construction contract can be estimated reliably, contract revenue is recognized in profit or loss in proportion to the stage of completion of the contract. The stage of completions is assessed by reference to surveys of work performed. Meanwhile, profits from an apartment house for self-installment sales is recognized on percentage-of-completion method according to Q&A of Korea Accounting Institute, called 2011-I-KQA, which is effective under K-IFRS.

Revenue from rendering of services is recognized by reference to the stage of completion of the transaction at the end of the reporting period when the amount of revenue can be measured reliably, it is probable that the economic benefits associated with the transaction will flow to the Company, the stage of completion of the transaction at the end of the reporting period can be measured reliably and the costs incurred for the transaction and the costs to complete the transaction can be measured reliably. When the outcome of the transaction involving the rendering of services cannot be estimated reliably, revenue is recognized only to the extent of the expenses recognized that are recoverable.

Rental income from investment property, net of lease incentives granted, is recognized in profit or loss on a straight-line basis over the term of the lease.

#### For the years ended December 31, 2016 and 2015

#### 3. Significant Accounting Policies, Continued

#### (s) Finance Income and Finance Costs

Finance income comprises interest income on funds invested (including available-for-sale financial assets), dividend income and investment income on long-term deposits in MSA Escrow Fund. Interest income is recognized as it accrues in profit or loss, using the effective interest method. Dividend income is recognized in profit or loss on the date that the Company's right to receive payment is established.

Finance costs is interest expense on unwinding of the discount on trade and other payables which is recognized in profit or loss using the effective interest method.

#### (t) Income Taxes

Income tax expense comprises current and deferred tax. Current tax and deferred tax are recognized in profit or loss except to the extent that it relates to a business combination, or items recognized directly in equity or in other comprehensive income.

#### (i) Current tax

Current tax is the expected tax payable or receivable on the taxable profit or loss for the year, using tax rates enacted or substantively enacted at the end of the reporting period and any adjustment to tax payable in respect of previous years. The taxable profit is different from the accounting profit for the year since the taxable profit is calculated excluding the temporary differences, which will be taxable or deductible in determining taxable profit (tax loss) of future periods, and non-taxable or non-deductible items from the accounting profit.

#### (ii) Deferred tax

Deferred tax assets and liabilities are measured at the tax rates that are expected to apply to the period when the asset is realized or the liability is settled, based on tax rates (and tax laws) that have been enacted or substantively enacted by the end of the reporting period. The measurement of deferred tax liabilities and deferred tax assets reflects the tax consequences that would follow from the manner in which the Company expects, at the end of the reporting period to recover or settle the carrying amount of its assets and liabilities.

The Company recognizes a deferred tax asset for all deductible temporary differences to the extent that it is probable that the temporary difference will reverse in the foreseeable future and taxable profit will be available against which the temporary difference can be utilized.

The carrying amount of a deferred tax asset is reviewed at the end of each reporting period and reduces the carrying amount to the extent that it is no longer probable that sufficient taxable profit will be available to allow the benefit of part or all of that deferred tax asset to be utilized.

Deferred tax assets and liabilities are offset only if there is a legally enforceable right to offset the related current tax liabilities and assets, and they relate to income taxes levied by the same tax authority and they intend to settle current tax liabilities and assets on a net basis.

#### For the years ended December 31, 2016 and 2015

#### 3. Significant Accounting Policies, Continued

#### (u) Foreign Currencies

Transactions in foreign currencies are translated to the respective functional currencies of the Company at exchange rates at the dates of the transactions. Monetary assets and liabilities denominated in foreign currencies are retranslated to the functional currency using the reporting date's exchange rate. Non-monetary assets and liabilities denominated in foreign currencies that are measured at fair value are retranslated to the functional currency at the exchange rate at the date that the fair value was determined.

Foreign currency differences arising on retranslation are recognized in profit or loss, except for differences arising on the retranslation of available-for-sale equity instruments, a financial liability designated as a hedge of the net investment in a foreign operation, or qualifying cash flow hedges, which are recognized in other comprehensive income. Non-monetary items that are measured in terms of historical cost in a foreign currency are translated using the exchange rate at the date of the transaction.

#### (v) Earnings per Share

The Company presents basic and diluted earnings per share ("EPS") data for its ordinary shares. Basic EPS is calculated by dividing the profit or loss attributable to ordinary shareholders of the Company by the weighted average number of ordinary shares outstanding during the period, adjusted for own shares held. Diluted EPS is determined by adjusting the profit or loss attributable to ordinary shareholders and the weighted average number of ordinary shares outstanding, adjusted for own shares held, for the effects of all dilutive potential ordinary shares.

#### (w) Operating Segment

An operating segment is a component of the Company that engages in business activities from which it may earn revenues and incur expenses, including revenues and expenses that relate to transactions with any of the Company's other components. All operating segments' operating results are reviewed regularly by the Company's chief executive officer to make decisions about resources to be allocated to the segment and assess its performance, and for which discrete financial information is available.

Operating segment disclosures are included in the consolidated financial statements in accordance with K-IFRS No. 1108 *Operating Segments*.

#### For the years ended December 31, 2016 and 2015

#### 3. Significant Accounting Policies, Continued

#### (x) Standards Issued but Not Yet Effective

The following new standards are issued for annual periods beginning after January 1, 2016 and earlier application is permitted; however, the Company has not early adopted the following new standards in preparing these separate financial statements.

#### K-IFRS No. 1109 Financial Instruments

K-IFRS 1109 is effective for annual periods beginning on or after January 1, 2018, with early adoption permitted. It replaces the existing guidance in K-IFRS No. 1039 *Financial Instruments: Recognition and Measurement*. K-IFRS 1109 includes revised guidance on the classification and measurement of financial instruments, a new expected credit loss model for calculating impairment on financial assets, and new general hedge accounting requirements. It also carries forward the guidance on recognition and derecognition of financial instruments from K-IFRS No. 1039.

#### K-IFRS No. 1115 Revenue from Contracts with Customers

K-IFRS 1115 is effective for annual periods beginning on or after January 1, 2018, with early adoption permitted. It replaces existing revenue recognition guidance, including K-IFRS No. 1018 *Revenue*, K-IFRS No. 1011 *Construction Contracts*, K-IFRS No. 2031 *Revenue—Barter Transactions Involving Advertising Services*, K-IFRS No. 2113 *Customer Loyalty Programmes*, K-IFRS No. 2115 *Agreements for the Construction of Real Estate* and K-IFRS No. 2118 *Transfers of Assets from Customers*. K-IFRS 1115 establishes a comprehensive framework for determining whether, how much and when revenue is recognized.

The Company currently plans to apply K-IFRS No. 1109 and K-IFRS No. 1115 initially for the year beginning January 1, 2018. The actual impact of adopting those new standards will be dependent on the financial instruments that the Company holds and economic conditions at that time as well as accounting elections and judgements that it will make in the future. The Company is assessing the potential impact on its separate financial statements resulting from the application of those new standards and expects to disclose additional quantitative information in the separate financial statements for the year ended December 31, 2017.

#### For the years ended December 31, 2016 and 2015

#### 4. Basis of Translating Financial Statements

The separate financial statements are expressed in Korean won and have been translated into U.S. dollars at the rate of \(\pi\)1,208.50 to \(\sigma\)1, the basic exchange rate on December 31, 2016 posted by Seoul Money Brokerage Services, solely for the convenience of the reader. This translation should not be construed as a representation that any or all of the amounts shown could be converted into U.S. dollars at this or any other rate.

#### 5. Property, Plant and Equipment

(a) Details of property, plant and equipment as of December 31, 2016 and 2015 are summarized as follows:

			2016			2015
		Accumulated	Carrying		Accumulated	Carrying
In millions of won	Cost	depreciation	amount	Cost	depreciation	amount
Land W	426,463	-	426,463	467,590	-	467,590
Buildings	689,658	(335,706)	353,952	696,569	(311,151)	385,418
Structures	45,467	(30,987)	14,480	44,962	(29,061)	15,901
Machinery	1,023,827	(816,628)	207,199	991,848	(775,864)	215,984
Vehicles	2,293	(1,933)	360	2,211	(1,855)	356
Tools	39,406	(34,051)	5,355	37,753	(32, 199)	5,554
Furniture and fixtures	166,700	(124,394)	42,306	169,422	(135,913)	33,509
Others	1,681	-	1,681	1,366	-	1,366
Construction-in-progress	65,472	-	65,472	183,954	-	183,954
₩	2,460,967	(1,343,699)	1,117,268	2,595,675	(1,286,043)	1,309,632

#### For the years ended December 31, 2016 and 2015

#### 5. Property, Plant and Equipment, Continued

(b) Changes in property, plant and equipment for the year ended December 31, 2016 were as follows:

In millions of won		January 1 2016	Acquisition	Disposal	Depreciation	Transfer of construction-in-progress	Other changes	December 31 2016
Land	₩	467,590	184	(1,685)	_	62.071	(101.697)	426,463
Buildings	<del>• •</del>	385,418	691	(1,336)	(26,772)	101,183	(101,037)	353,952
Structures		15.901	718	(11)	(2.147)	345	(326)	14,480
Machinery		215,984	1,871	(1,349)	(48,013)	38,706	-	207,199
Vehicles		356	339	(165)	(171)	1	-	360
Tools		5,554	1,431	(56)	(2,397)	823	-	5,355
Furniture and fixtures		33,509	24,676	(5,031)	(16,697)	5,849	-	42,306
Others		1,366	9	-	-	306	-	1,681
Construction-in-progress		183,954	90,838	-	-	(209, 284)	(36)	65,472
·	₩	1,309,632	120,757	(9,633)	(96,197)	=	(207,291)	1,117,268

For the year ended December 31, 2016, the Company received \(\psi \)289 million of government grant related with acquisition of buildings and furniture and fixtures.

For the year ended December 31, 2016, land, buildings and structures with a carrying amount of \text{\psi}207,255 million were transferred to investment property and construction-in-progress with a carrying amount of \text{\psi}36 million were transferred to intangible assets.

(c) Changes in property, plant and equipment for the year ended December 31, 2015 were as follows:

In millions of won		January 1 2015	Acquisition	Disposal	Depreciation	Transfer of construction-in-progress	Other changes	December 31 2015
Land	₩	457,890	7,158	(773)	-	5,293	(1,978)	467,590
Buildings		404,503	1,238	(398)	(26,812)	9,124	(2,237)	385,418
Structures		17,150	836	(41)	(2,159)	174	(59)	15,901
Machinery		236,848	4,649	(411)	(50,716)	25,614	-	215,984
Vehicles		271	263	(14)	(193)	29	-	356
Tools		4,447	3,005	(144)	(2,101)	347	-	5,554
Furniture and fixtures		35,447	15,276	(6)	(17,236)	28	-	33,509
Others		1,312	54	-	-	-	-	1,366
Construction-in-progress	S	121,792	102,771	-	-	(40,609)	-	183,954
	₩	1,279,660	135,250	(1,787)	(99,217)	-	(4,274)	1,309,632

For the year ended December 31, 2015, land and buildings with a carrying amount of  $\[mu]2$ ,732 million were transferred to investment property and land, buildings and structures with a carrying amount of  $\[mu]2$ ,542 million were transferred to non-current assets held for sale.

#### For the years ended December 31, 2016 and 2015

#### 6. Intangible Assets

(a) Details of intangible assets as of December 31, 2016 and 2015 are summarized as follows:

				2016			2015
			Accumulated	Carrying		Accumulated	Carrying
In millions of won		Cost	amortization	amount	Cost	amortization	amount
Industrial property rights Facility usage rights Intangible assets	₩	7,718 24,914	(5,556) (1,708)	2,162 23,206	6,997 19,180	(5,535) (1,708)	1,462 17,472
under development		3,560	-	3,560	3,560	-	3,560
	₩	36,192	(7,264)	28,928	29,737	(7,243)	22,494

(b) Changes in intangible assets for the year ended December 31, 2016 were as follows:

In millions of was		January 1	Acquicition		Transfer from property, plant	A no a réimatia n	December 31
In millions of won		2016	Acquisition	Disposal	and equipment	Amortization	2016
Industrial property rights	₩	1,462	721	-	-	(21)	2,162
Facility usage rights Intangible assets		17,472	6,189	(491)	36	-	23,206
under development		3,560	-	-	-	-	3,560
	₩	22,494	6,910	(491)	36	(21)	28,928

(c) Changes in intangible assets for the year ended December 31, 2015 were as follows:

In millions of won	January 1 2015	Acquisition	Disposal	Amortization	December 31 2015
Industrial property rights	<del>V</del> 1,567	23	(104)	(24)	1,462
Facility usage rights	15,043	3,195	(766)	-	17,472
Intangible assets under development	3,026	534	-	-	3,560
<del></del>	<del>V</del> 19,636	3,752	(870)	(24)	22,494

(d) Expenditures not capitalized for the years ended December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Cost of sales	₩	492	296
Selling, general and administrative expenses		11,757	12,273
	₩	12,249	12,569

### For the years ended December 31, 2016 and 2015

#### 7. Investment Property

(a) Details of investment property as of December 31, 2016 and 2015 are summarized as follows:

				2016			2015
			Accumulated	Carrying		Accumulated	Carrying
In millions of won		Cost	depreciation	amount	Cost	depreciation	amount
Land	₩	124,763	-	124,763	23,066	_	23,066
Buildings		279,520	(69,087)	210,433	172,757	(59,022)	113,735
	₩	404,283	(69,087)	335,196	195,823	(59,022)	136,801

(b) Changes in investment property for the years ended December 31, 2016 and 2015 were as follows:

				2016			2015
In millions of won		Land	Buildings	Total	Land	Buildings	Total
Beginning balance Acquisition	₩	23,066	113,735	136,801	22,236	117,905 64	140,141 64
Depreciation Transfer from		-	(8,860)	(8,860)	-	(6,136)	(6,136)
property, plant and equipment		101,697	105,558	207,255	830	1,902	2,732
Ending balance	₩	124,763	210,433	335,196	23,066	113,735	136,801

(c) The amounts recognized in profit or loss from investment property for the years ended December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Rental income	₩	38,263	33,992
Direct operating expense		(8,860)	(6,136)
	₩	29,403	27,856

(d) The carrying amount and the fair value of investment property as of December 31, 2016 and 2015 were as follows:

			2016		2015
		Fair	Carrying	Fair	Carrying
In millions of won		value	amount	value	amount
Land	₩	532,420	124,763	406,600	23,066
Buildings		227,030	210,433	171,979	113,735
	₩	759,450	335,196	578,579	136,801

The fair value of investment property was determined based on the yield capitalization method by external, independent valuers. The fair value measurement for all of the investment properties has been categorized as a level 3 fair value based on the inputs to the valuation techniques used.

#### For the years ended December 31, 2016 and 2015

#### 8. Investments in Associates and Joint Ventures

Investments in associates and joint ventures as of December 31, 2016 and 2015 are summarized as follows:

In millions of won				2016		2015
			Percentage		Percentage	
			of	Carrying	of	Carrying
Company	Location	Principal operation	ownership	amount	ownership	amount
Lite Pharm Tech, Inc.	Korea	Manufacturing medical supplies	20.24%	₩ 1,830	20.24%	₩ 1,830
KVG REIT 1 Co., Ltd.	Korea	Renting real estate	29.67%	7,300	29.67%	7,300
KOCREF REIT 17 Co., Ltd.	Korea	Renting real estate	-	-	22.06%	7,000
JR REIT V Co., Ltd.	Korea	Renting real estate	34.63%	5,600	34.63%	5,600
JR REIT VIII Co., Ltd.	Korea	Renting real estate	21.74%	10,000	21.74%	10,000
LSK Global	Korea	Researching				
Pharma Services Co., Ltd.		and developing medicine	23.15%	-	23.15%	-
JR REIT X Co., Ltd.	Korea	Renting real estate	28.79%	9,500	28.79%	9,500
JR REIT XIII Co., Ltd.	Korea	Renting real estate	27.03%	5,000	27.03%	5,000
KB Gimpo Logistics						
CR REIT Co., Ltd.(*1)	Korea	Renting real estate	12.00%	3,000	-	-
KORAMCO Private REIT 50 Fund(*2)	Korea	Renting real estate	84.21%	16,000	-	-
		·		₩ 58,230		₩ 46,230

<sup>(\*1)</sup> KB Gimpo Logistics CR REIT Co., Ltd. is classified as a joint venture since decisions about the significant financial and operating policy of the investee cannot be made without unanimous consent of the Company and another party, holding 12% shares each, as the remaining equity interest of 76% held by a collective investment business entity is not entitled to have any impact on resolutions of the investee in accordance with the *Financial Investment Services and Capital Markets Act*.

In 2016, the Company made an investment of  $\mbox{$W$}3,000$  million and  $\mbox{$W$}16,000$  million in KB Gimpo Logistics CR REIT Co., Ltd. and KORAMCO Private REIT 50 Fund, respectively.

In 2016, the Company recognized \$\fomale{4}\$6,095 million of gain on sale of investments in associates and joint ventures as KOCREF REIT 17 Co., Ltd. was liquidated.

In 2015, the Company's ownership in Lite Pharm Tech, Inc. has decreased to 20.24% due to the investee's paid-in capital increase.

In 2015, the Company recognized \(\pi\)370 million of loss on disposal of investments in associates and joint ventures as JR CR-REIT IV Co., Ltd. was liquidated.

<sup>(\*2)</sup> KORAMCO Private REIT 50 Fund is classified as a joint venture since decisions about the significant financial and operating policy of the investee cannot be made without unanimous consent of the parties that control the arrangement collectively.

#### For the years ended December 31, 2016 and 2015

#### 9. Investments in Subsidiaries

Investments in subsidiaries as of December 31, 2016 and 2015 are summarized as follows:

In millions of won				2016		2015
			Percentage		Percentage	
			of	Carrying	of	Carrying
Company	Location	Principal operation	ownership	amount	ownership	amount
Korea Ginseng Corporation	Korea	Manufacturing				
The control of the co		and selling ginseng	100.00% <del>W</del>	716,148	100.00% ₩	672,048
Yungjin Pharm. Ind. Co., Ltd.	Korea	Manufacturing and		-,		, , ,
,		selling pharmaceutical	53.00%	66,355	53.00%	66,355
Tae-a Industry Co., Ltd.	Korea	Manufacturing				
,		tobacco materials	100.00%	15,698	100.00%	15,698
KT&G Tutun Mamulleri	Turkey	Manufacturing				
Sanayi ve Ticaret A.S.		and selling tobaccos	99.99%	30,049	99.99%	30,049
Korea Tabacos do Brasil Ltda.	Brazil	Processing leaf tobaccos	99.99%	2,891	99.99%	2,891
KT&G Pars	Iran	Manufacturing				
		and selling tobaccos	99.99%	-	99.99%	-
KT&G Rus L.L.C.	Russia	Manufacturing				
		and selling tobaccos	100.00%	110,297	100.00%	110,297
KGC Life & Gin Co., Ltd.	Korea	Selling ginseng				
		door-to-door	-	-	100.00%	44,100
KT&G USA Corporation	USA	Selling tobaccos				
(former, Global Trading, Inc.)			100.00%	4,913	100.00%	4,913
Cosmocos Co., Ltd. (former,	Korea	Manufacturing				
Somang Cosmetics Co., Ltd.	)	and selling cosmetics	98.49%	98,093	97.73%	70,676
Renzoluc Pte., Ltd. <sup>(*)</sup>	Singapore	Manufacturing				
		and selling tobaccos	100.00%	-	100.00%	-
KT&G Life	Korea	Researching and				
Sciences Corporation		developing medicine	34.03%	15,852	73.94%	14,287
KGC Yebon Corporation	Korea	Manufacturing and				
		selling medical herbs	100.00%	49,828	100.00%	49,828
K-Q HongKong I, Limited <sup>(*)</sup>	HongKong	Manufacturing				
		and selling ginseng	100.00%	17,761	100.00%	17,761
PT KT&G Indonesia	Indonesia	Manufacturing				
		and selling tobaccos	99.99%	-	99.99%	-
K&I HK Co., Ltd.	HongKong	Selling cosmetics	100.00%	11	100.00%	11
K&I China Co., Ltd.	China	Selling cosmetics	100.00%	5,532	100.00%	5,532
SangSang Stay, Inc.	Korea	Hotel	100.00%	20,000	100.00%	20,000
KT&G Global Rus L.L.C.	Russia	Selling tobaccos	100.00%	1,497	-	_
			₩1	1,154,925	₩	1,124,446

<sup>(\*)</sup> The Company's percentage of ownership, shown above, excludes preferred shares. As of December 31, 2016, the Company's percentage of ownership would be 68.91% and 50.00%, respectively, if preferred shares are included.

#### For the years ended December 31, 2016 and 2015

#### 9. Investments in Subsidiaries, Continued

For the year ended December 31, 2016, the Company acquired \(\psi 27,417\) million of additional shares of Cosmocos Co., Ltd. as a result of the conversion of its redeemable convertible preferred shares, increasing its ownership from 97.73% to 98.49%.

For the year ended December 31, 2016, redeemable convertible preferred shares of KT&G Life Sciences Corporation were converted and the Company acquired \(\pmu\)1,565 million of additional shares of the investee, decreasing its ownership interest to 34.03% from 73.94%. As of January 13, 2017, KT&G Life Sciences Corporation was merged into Yungjin Pharm. Ind. Co., Ltd.

For the year ended December 31, 2016, the Company made an in-kind capital contribution of its entire interest in KGC Life & Gin Co., Ltd. to Korea Ginseng Corporation and measured the additional interest in Korea Ginseng Corporation at the carrying amount of its investment in KGC Life & Gin Co., Ltd., considering the transaction did not have a discernible effect on the Company's economics.

For the year ended December 31, 2016, the Company established KT&G Global Rus L.L.C.

For the year ended December 31, 2015, the Company acquired additional shares of Cosmocos Co., Ltd. for \text{W49,775 million, increasing its ownership from 60.00% to 97.73%.

For the year ended December 31, 2015, the Company made an additional investment of \(\psi\_2,356\) million and \(\psi\_5,096\) million in Korean Tobacos do Brasil Ltda. and K&I China Co., Ltd, respectively.

For the year ended December 31, 2015, the Company established SangSang Stay, Inc.

For the year ended December 31, 2015, the Company recognized \$\fomallmax{W}\$34,601 million of impairment losses on investments in Renzoluc Pte., Ltd., KT&G Life Sciences Corporation and PT KT&G Indonesia since the carrying amounts exceeded their recoverable amounts.

#### KT&G CORPORATION

#### Notes to the Separate Financial Statements

#### For the years ended December 31, 2016 and 2015

#### 10. Available-for-sale Financial Assets

(a) Changes in available-for-sale financial assets for the years ended December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Beginning balance	₩	340,149	304,438
Acquisitions		31,000	63,190
Net changes in fair value		28,643	1,744
Disposals and exercise of conversion options		(33,987)	(29,223)
Ending balance	₩	365,805	340,149
Statement of financial position:			
Current	₩	1,500	-
Non-current		364,305	340,149
	₩	365,805	340,149

For the year ended December 31, 2016, the Company recognized \(\formu13,988\) million of gain on sale of available-for-sale financial assets as Mastern 2 REIT Co., Ltd. was liquidated.

For the year ended December 31, 2016, the Company recognized \(\fomathbf{W4}\),077 million of impairment loss on its investment in an equity instrument of Rexahn Pharmaceuticals, Inc. as there was a significant and prolonged decline in the fair value below its cost.

In 2015, the Company acquired \( \forall 28,990 \) million of ordinary shares of U&I Corporation by exercising conversion options embedded in their convertible bonds and convertible preference shares. The Company recognized \( \forall 24,990 \) million of difference between the fair value of ordinary shares acquired and the carrying amount of bonds and preference shares converted as gain on sale of available-for-sale financial assets for the year ended December 31, 2015.

(b) Available-for-sale financial assets as of December 31, 2016 and 2015 are summarized as follows:

In millions of won		2016	2015
Available-for-sale debt instruments: Corporate bonds	₩	1,500	1,500
Available-for-sale equity instruments:			
Listed			
- Oscotech, Inc.		3,775	3,696
– Shinhan Financial Group Co., Ltd.		181,378	158,530
– Rexahn Pharmaceuticals, Inc.		1,081	2,696
– U&I Corporation		14,060	22,564
		200,294	187,486
Unlisted		164,011	151,163
Total available-for-sale equity instruments		364,305	338,649
Total available-for-sale financial assets	₩	365,805	340,149

The fair value of listed available-for-sale equity instruments is principally based on quoted prices in an active market.

As of December 31, 2016 and 2015, W32,555 million and W37,555 million of available-for-sale financial assets that do not have a market price in an active market and whose fair value cannot be reliably measured or is similar to their carrying amount are measured at cost, respectively.

#### For the years ended December 31, 2016 and 2015

#### 11. Long-term Deposits in MSA Escrow Fund

Long-term deposits in MSA Escrow Fund as of December 31, 2016 and 2015 are summarized as follows:

In millions of won		2016	2015
MMF	₩	56,069	43,309
T-Bill		21,559	_
T-Note		425,964	360,657
	₩	503,592	403,966

As discussed in note 34 to the separate financial statements, long-term deposits in MSA Escrow Fund are deposited to the United States government related to the export of tobacco to the United States. For the years ended December 31, 2016 and 2015, W89,663 million and W78,492 million were paid into long-term deposits in MSA Escrow Fund, respectively.

Long-term deposits in MSA Escrow Fund are invested in demand deposits of financial institutions or government and public bonds. For the years ended December 31, 2016 and 2015, the Company recognized \(\pi\)3,721 million of investment loss and \(\pi\)1,287 million of investment income on long-term deposits in MSA Escrow Fund, respectively.

#### 12. Trade and Other Receivables

(a) Trade and other receivables as of December 31, 2016 and 2015 are summarized as follows:

			2016		2015
In millions of won		Current	Non-current	Current	Non-current
Loans to employees	V	16,687	38,853	15,767	51,976
Loans		55,644	4,230	69,813	8,204
Other receivables		104,677	4,568	142,130	1,551
Guarantee deposits		22,121	20,366	19,070	16,869
Accrued income		10,384	-	8,912	-
Trade receivables		931,085	-	819,170	-
ħ	¥	1,140,598	68,017	1,074,862	78,600

(b) Trade and other receivables as of December 31, 2016 and 2015 have been reported in the separate statements of financial position net of allowances as follows:

			2016		2015
In millions of won		Current	Non-current	Current	Non-current
Gross trade and other receivables Allowance:	₩	1,200,737	79,643	1,121,048	78,600
Loans		(24,194)	(11,626)	(12,447)	-
Other receivables		(11,459)	-	(7,570)	_
Accrued income		(2,333)	-	(2,264)	_
Trade receivables		(22, 153)	-	(23,905)	-
		(60,139)	(11,626)	(46,186)	_
Net trade and other receivables	₩	1,140,598	68,017	1,074,862	78,600

#### For the years ended December 31, 2016 and 2015

#### 12. Trade and Other Receivables, Continued

(c) Changes in the allowance account for the years ended December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Beginning balance	₩	46,186	55,083
Impairment loss		27,331	2,569
Reversal of impairment loss		(1,752)	(11,466)
Ending balance	₩	71,765	46,186

Impairment loss (reversal of impairment loss) on trade and other receivables is included as part of selling, general and administrative expenses and other expense (income) in the separate statements of comprehensive income.

(d) The aging schedule of trade and other receivables which were past due but not impaired as of December 31, 2016 and 2015 is as follows:

In millions of won		2016	2015
Within 1 month	₩	43,957	48,107
Between 1 and 2 months		52,048	39,921
Beyond 2 months		257,877	245,788
	₩	353,882	333,816

There is no significant concentration of credit risk with respect to trade and other receivables since trade and other receivables, excluding export trade receivables, are widely dispersed amongst a number of customers. The Company holds pledged assets and guarantees in respect of some of the past due debtor balances.

(e) Details of trade and other receivables that are measured at amortized cost as of December 31, 2016 and 2015 were as follows:

			2016			2015
	Effective			Effective		
In millions of won	interest rate	Current	Non-current	interest rate	Current	Non-current
Loans to employees	1.89~5.68% <del>W</del>	16,687	38,853	1.89~5.68% <del>W</del>	15,767	51,976
Guarantee deposits	1.78~5.68%	22,121	20,366	1.89~5.68%	19,070	16,869
	₩	38,808	59,219	₩	34,837	68,845

## For the years ended December 31, 2016 and 2015

#### 13. Inventories

(a) Inventories as of December 31, 2016 and 2015 are summarized as follows:

In millions of won		2016	2015
Finished goods, net of loss on write-down of inventories	₩	69,414	72,394
Work-in-progress		17,167	15,294
Raw materials		724,281	685,101
Supplies		28,429	25,959
By-products		6,041	5,515
Buildings under construction		699	3,618
Sites for construction of real estate		12,985	25,815
Goods-in-transit		55,686	55,339
	₩	914,702	889,035

(b) The amount of inventories recognized as an expense for the years ended December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Cost of sales:			
Loss on (reversal of) write-down of inventories	₩	728	(183)
Loss on retirement of inventories		4,255	825
Other expense:			
Loss on retirement of inventories		2,002	844
	₩	6,985	1,486

### For the years ended December 31, 2016 and 2015

#### 14. Cash and Cash Equivalents and Other Financial Assets

(a) Cash and cash equivalents as of December 31, 2016 and 2015 are summarized as follows:

In millions of won		2016	2015
Cash on hand	₩	1,095	2,623
Demand deposits		77,640	71,753
Short-term investment assets		610,000	370,000
	₩	688,735	444,376

(b) Other financial assets as of December 31, 2016 and 2015 are summarized as follows:

In millions of won		2016	2015
Time deposits	₩	100,000	100,000
Money trust		1,480,000	950,000
Certificates of deposit		40,000	30,000
Derivative financial instruments		-	11,976
	₩	1,620,000	1,091,976

In 2015, the Company acquired redeemable convertible preference shares of Cosmocos Co., Ltd. and recognized embedded derivatives as other financial assets separately from the host contract. The Company exercised those conversion options and recognized \(\psi\_311\) million of gain on conversion of redeemable convertible preferred shares for the year ended December 31, 2016.

#### 15. Non-current Assets Held for Sale

Changes in non-current assets held for sale for the years ended December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Beginning balance	₩	1,542	426
Transfer from property, plant and equipment		-	1,542
Disposal		(1,542)	(426)
Ending balance	₩	-	1,542

### For the years ended December 31, 2016 and 2015

#### 16. Pledged Assets

(a) Investment property pledged as collateral as of December 31, 2016 was as follows:

		won

		Carrying			Received	Collateralized	
Asset		amount	Type		amount	amount	Leaseholder
Investment property	₩	68,810	Leasehold deposits received	₩	9,241	9,467	Metlife Insurance Korea Co., Ltd. and others

(b) Investment property pledged as collateral as of December 31, 2015 was as follows:

In millions of won

	Carrying		Received	Collateralized	
Asset	amount	Type	amount	amount	Leaseholder
Investment property	<del>V</del> 70,769	Leasehold deposits received	₩ 8,975	9,225	Metlife Insurance Korea Co., Ltd. and others

#### 17. Share Capital and Other Capital Surplus

(a) Details of share capital as of December 31, 2016 and 2015 were as follows:

	2016	2015
Number of ordinary shares:		
Authorized	800,000,000	800,000,000
Issued	137,292,497	137,292,497
Outstanding	126,265,127	125,965,892
Par value in won	₩ 5,000	5,000

The Company has, thus far, reacquired and retired 53,699,400 shares of treasury share. Accordingly, as of December 31, 2016, the Company's ordinary share differs from the aggregate par value of issued shares by \times 268,497 million.

(b) Changes in the number of shares for the years ended December 31, 2016 and 2015 were as follows:

			2016			2015
	Ordinary	Treasury		Ordinary	Treasury	
	shares	shares	Total	shares	shares	Total
Beginning balance	137,292,497	(11,326,605)	125,965,892	137,292,497	(11,393,697)	125,898,800
In-kind donation of treasury shares	-	299,235	299,235	-	67,092	67,092
Ending balance	137,292,497	(11,027,370)	126,265,127	137,292,497	(11,326,605)	125,965,892

(c) There was no change in other capital surplus for the years ended December 31, 2016 and 2015.

### For the years ended December 31, 2016 and 2015

#### 18. Treasury Shares and Gain on Reissuance of Treasury Shares

(a) Changes in treasury shares for the years ended December 31, 2016 and 2015 were as follows:

		2016		2015
	Number	Carrying	Number	Carrying
In millions of won, except number of shares	of shares	amount	of shares	amount
Beginning balance	11,326,605	₩ 337,062	11,393,697	₩ 339,059
In-kind donation of treasury shares	(299,235)	(8,905)	(67,092)	(1,997)
Ending balance	11,027,370	₩ 328,157	11,326,605	₩ 337,062

(b) Changes in gain on reissuance of treasury shares for the years ended December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Beginning balance	₩	494,648	492,032
In-kind donation of treasury shares, net of tax		19,128	2,616
Ending balance	₩	513,776	494,648

#### 19. Reserves

(a) Details of reserves as of December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Available-for-sale financial assets - net change in fair value	₩	(30,929)	(45,128)
Legal reserve		602,937	602,937
Voluntary reserve		3,794,260	3,226,658
	₩	4,366,268	3,784,467

(b) Available-for-sale financial assets - net change in fair value as of December 31, 2016 and 2015 are summarized as follows:

In millions of won		2016	2015
Available-for-sale financial assets - net change in fair value before tax	₩	(40,804)	(59,536)
Tax effect		9,875	14,408
	₩	(30,929)	(45,128)

#### (c) Legal Reserve

The Korean Commercial Act requires the Company to appropriate a legal reserve in an amount equal to at least 10% of cash dividends for each accounting period until the reserve equals 50% of stated capital. The legal reserve may be used to reduce a deficit or may be transferred to ordinary shares in connection with a free issue of shares.

#### For the years ended December 31, 2016 and 2015

#### 19. Reserves, Continued

#### (d) Details of voluntary reserve as of December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Reserve for business rationalization	₩	12,851	12,851
Reserve for research and human resource development		20,000	30,000
Reserve for business expansion		698,881	698,881
Unconditional reserve		3,062,528	2,484,926
	₩	3,794,260	3,226,658

#### Reserve for business rationalization

Until December 10, 2002 under the *Restriction of Special Taxation Act*, investment tax credits were allowed for certain investments. The Company was, however, required to appropriate from retained earnings, the amount of tax benefits received, and transfer such amount into a reserve for business rationalization.

Effective December 11, 2002, the Company was no longer required to establish a reserve for business rationalization despite tax benefits received for certain investments and, consequently, the existing balance is now regarded as a voluntary reserve.

#### Reserve for research and human resource development

According to the *Restriction of Special Taxation Act*, certain taxable deductions are required to be transferred from retained earnings to reserve for research and human resource development. This reserve may be used for each purpose and their remaining amounts could be reclassified as a voluntary reserve.

#### Reserve for business expansion and other reserves

Reserves without specific purposes are restored to retained earnings by the Company. Those reserves can be used for other purposes afterwards upon a resolution at a general meeting of shareholders.

### **KT&G CORPORATION**

## Notes to the Separate Financial Statements

### For the years ended December 31, 2016 and 2015

#### 20. Retained Earnings

(a) Changes in retained earnings for the years ended December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Beginning balance	₩	995,886	736,460
Dividends		(428,284)	(428,056)
Transfer from reserve for research and human resource development		10,000	12,522
Transfer to unconditional reserve		(577,602)	(320,926)
Profit for the year		1,087,347	987,924
Remeasurements of net defied benefit liability, net of tax		(18,878)	7,962
Ending balance	₩	1,068,469	995,886

(b) Statements of appropriation of retained earnings for the years ended December 31, 2016 and 2015 are as follows:

Date of appropriation for 2016: March 17, 2017 Date of appropriation for 2015: March 18, 2016

In millions of won		2016	2015
Unappropriated retained earnings:			
Beginning balance	₩	-	_
Profit for the year		1,087,347	987,924
Remeasurements of net defined benefit liability, net of tax		(18,878)	7,962
		1,068,469	995,886
Transfer from voluntary reserves		10,000	10,000
Unappropriated retained earnings available for appropriation		1,078,469	1,005,886
Appropriation of retained earnings:			
Dividends		(454,554)	(428,284)
Unconditional reserve		(623,915)	(577,602)
		(1,078,469)	(1,005,886)
Unappropriated retained earnings to be carried over to subsequent year	₩	-	-

#### 21. Dividends

Dividends were declared and paid by the Company for the years ended December 31, 2016 and 2015 as follows:

		2016	2015
Dividends in millions of won Dividends per share in won	₩	428,284 3,400	428,056 3,400
Dividend rate as a percentage of par value		68.00%	68.00%

Dividends of W454,554 million (W3,600 per share) will be proposed at the shareholders' meeting to be held on March 17, 2017. The dividends have not been recognized as liabilities in the separate financial statements.

### **KT&G CORPORATION**

## Notes to the Separate Financial Statements

#### For the years ended December 31, 2016 and 2015

#### 22. Trade and Other Payables

Trade and other payables as of December 31, 2016 and 2015 are summarized as follows:

			2016		2015
In millions of won		Current	Non-current	Current	Non-current
Leasehold deposits received	₩	21,418	6,848	19,404	8,147
Trade payables		67,961	=	65,154	-
Withholdings		3,802	-	4,749	-
Withholdings value added tax		186,347	-	184,587	-
Accrued expenses		123,401	-	125,699	-
Other payables		33,341	-	34,231	-
	₩	436,270	6,848	433,824	8,147

#### 23. Short-term Borrowings

Short-term borrowings as of December 31, 2016 and 2015 are summarized as follows:

In millions of won	Annual interest rate		2016	2015
Customer credit contracts:				
Nonghyup Bank	6.09%	₩	3,179	4,099
KEB Hana Card Co., Ltd.	3M CD rate+2.5%		672	932
		₩	3,851	5,031

The Company has entered into a customer credit contract with the Nonghyup Bank and KEB Hana Card Co., Ltd. The financial institutions pay trade receivables for customers and the Company has provided guarantees to the financial institutions for customers.

#### 24. Retirement Benefits Plan

(a) The components of retirement benefits recognized in profit or loss for the years ended December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Defined benefit plans:			
Current service cost	₩	24,899	28,383
Net interest on net defined benefit liability		928	1,749
		25,827	30,132
Defined contribution plans:			
Contributions recognized as expense		5,512	4,185
	₩	31,339	34,317

The Company recognized termination benefits amounting to  $\mbox{$W$}2,426$  million and  $\mbox{$W$}12,741$  million as an expense for the years ended December 31, 2016 and 2015, respectively.

### For the years ended December 31, 2016 and 2015

#### 24. Retirement Benefits Plan, Continued

(b) Changes in net defined benefit liability for the years ended December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Beginning balance	₩	42,174	67,260
Current service cost		24,899	28,383
Net interest on net defined benefit liability		928	1,749
Remeasurements of net defined benefit liability before tax		24,905	(10,504)
Retirement benefits paid		(2,785)	(4,714)
Contributions to plan assets		(43,000)	(40,000)
Ending balance	₩	47,121	42,174
Statement of financial position:			
Present value of defined benefit obligations	₩	278,612	247,774
Fair value of plan assets		(231,491)	(205,600)
Net defined benefit liability	₩	47,121	42,174

(c) Changes in defined benefit obligations for the years ended December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Beginning balance	₩	247,774	258,236
Current service cost		24,899	28,383
Interest expense		5,261	6,590
Actuarial losses (gains) before tax		24,795	(10,952)
Retirement benefits paid		(24,117)	(34,483)
Ending balance	₩	278,612	247,774

(d) Changes in plan assets for the years ended December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Beginning balance	₩	205,600	190,976
Interest income		4,333	4,841
Return on plan assets, excluding interest income on plan assets		(110)	(448)
Retirement benefits paid		(21,332)	(29,769)
Contributions to plan assets		43,000	40,000
Ending balance	₩	231,491	205,600

Actual returns on plan assets were \text{\$\psi4},223\$ million and \text{\$\psi4},393\$ million for the years ended December 31, 2016 and 2015, respectively.

#### For the years ended December 31, 2016 and 2015

#### 24. Retirement Benefits Plan, Continued

(e) Details of remeasurements of net defined benefit liability in other comprehensive income for the years ended December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Actuarial gains (losses) before tax:			
Demographic assumptions	₩	-	9,558
Financial assumptions		(16,272)	(8,305)
Experience adjustments		(8,523)	9,699
Return on plan assets, excluding interest income on plan assets		(110)	(448)
Remeasurements of net defined benefit liabilities before tax		(24,905)	10,504
Tax effect		6,027	(2,542)
Remeasurements of net defined benefit liabilities, net of tax	₩	(18,878)	7,962

(f) The components of plan assets as of December 31, 2016 and 2015 are as follows:

In millions of won		2016	2015
Deposits, cash and cash equivalents	₩	21,141	22,226
Others		210,350	183,374
	₩	231,491	205,600

(g) The principal actuarial assumptions as of December 31, 2016 and 2015 are as follows:

	2016	2015
Discount rate Rate of salary increase	2.00% 4.50%	2.20% 4.00%
nate of Salary increase	4.50 %	

For the purpose of calculating present value of the defined benefit obligations, the Company used the discount rate determined by reference to market yields at the end of the reporting period on high quality corporate bonds consistent with the currency and estimated term of the defined benefit obligations.

As of December 31, 2016 and 2015, the weighted average duration of the defined benefit obligations was 8.19 years and 8.09 years, respectively.

(h) The effects of changes in each significant actuarial assumptions on defined benefit obligations as of December 31, 2016 would be as follows:

In millions of won		1% point increase	1% point decrease
Discount rate Salary increase rate	₩	(23,000) 25,615	26,466 (22,761)

#### For the years ended December 31, 2016 and 2015

#### 25. Revenue from Real Estate Sales

(a) Details of agreements for real estate sales under construction as of December 31, 2016 were as follows:

			Total	Total
			revenue	revenue
In millions of won	Construction period		estimated	contracted
Daegu Station Central-Xi	Dec. 2014 ~ Oct. 2017	₩	343,958	342,225

(b) Changes in the balance of contract amount for the year ended December 31, 2016 were as follows:

In millions of won		2016
Beginning balance	₩	246,340
Increase		23,700
Revenue recognized		(136,549)
Ending balance	₩	133,491

(c) Recognized profits and related balances for agreements under construction as of December 31, 2016 were as follows:

	Stage of		Aggregate revenue	Aggregate expenses	Due from customers for
In millions of won	completion		recognized	recognized	contract work
Daegu Station Central-Xi	60.99%	₩	208,734	165,958	47,104

Due from customers for contract work is recognized as trade and other receivables in separate financial statements.

(d) The effect of changes in the estimates of total revenue and total costs for the year ended December 31, 2016 was as follows:

In 1270		Changes in	Changes in	Effect on profit before	Effect on future profit before	Changes in due from customers for
In millions of won		total revenue	total costs	income tax	income tax	contract work
Daegu Station Central-Xi	₩	1,291	4,690	(1,722)	(1,677)	40

The total revenue and the total costs are estimated based on the information and circumstances available at the end of the reporting period and actual results may differ from these estimates.

## For the years ended December 31, 2016 and 2015

## 26. Result from Operating Activities

(a) Details of expenses classified by nature for the years ended December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Changes in inventories	₩	(25,667)	21,403
Raw materials and consumables purchased		869,447	735,999
Salaries		344,810	340,536
Retirement and termination benefits		33,765	47,058
Depreciation		105,057	105,353
Amortization		21	24
Employee welfare		47,290	62,005
Advertising		111,192	120,304
Commissions		109,756	103,012
Other expenses		67,427	48,660
	₩	1,663,098	1,584,354

(b) Details of selling, general and administrative expenses for the years ended December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Salaries	₩	233,623	232,370
Retirement and termination benefits		23,708	34,277
Employee welfare		34,376	43,819
Travel		6,587	4,736
Communications		3,342	3,407
Utilities		8,091	8,598
Taxes and dues		17,282	16,028
Supplies		1,979	1,945
Rent		12,849	12,918
Depreciation		31,992	32,682
Amortization		21	24
Repairs and maintenance		3,937	3,228
Vehicles		4,090	4,800
Insurance		274	284
Commissions		79,743	78,174
Freight and custody		23,794	28,401
Conferences		2,769	2,743
Advertising		111,043	120,152
Training		3,712	4,244
Prizes and rewards		1,762	2,312
Normal research and development		11,757	12,273
Reversal of impairment loss on trade receivables		(1,752)	(9,706)
	₩	614,979	637,709

## For the years ended December 31, 2016 and 2015

### 27. Other Income and Expenses

(a) Details of other income for the years ended December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Foreign currency transaction gain	₩	19,816	27,188
Foreign currency translation gain		44,757	39,761
Reversal of impairment loss on other receivables		-	1,760
Gain on sale of property, plant and equipment		15,342	12,421
Gain on sale of intangible assets		-	723
Gain on sale of investments in associates and joint ventures		6,095	-
Others		40,568	22,600
	₩	126,578	104,453

(b) Details of other expenses for the years ended December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Foreign currency transaction loss	₩	27,763	9,622
Foreign currency translation loss		1,907	3,317
Impairment loss on other receivables		27,331	2,569
Loss on sale of property, plant and equipment		1,038	513
Loss on sale of intangible assets		16	-
Loss on disposal of investments in associates and joint ventures		-	370
Impairment loss on investments in subsidiaries		-	34,601
Donations		27,426	43,665
Others		6,367	8,703
	₩	91,848	103,360

## For the years ended December 31, 2016 and 2015

### 28. Net Finance Income

(b)

(C)

(a) Details of net finance income for the years ended December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Finance income:			
Interest income	₩	37,048	33,330
Dividend income		18,146	21,014
Investment income on long-term deposits in MSA Escrow Fund		-	1,287
Gain on sale of available-for-sale financial assets		13,988	25,183
Gain on conversion of redeemable convertible preferred shares		311	-
Gain on valuation of derivatives		-	1,103
		69,493	81,917
Finance costs:			
Interest expense		(1,138)	(793)
Impairment loss on available-for-sale financial assets		(4,077)	(95)
Investment loss on long-term deposits in MSA Escrow Fund		(3,721)	-
		(8,936)	(888)
Net finance income	₩	60,557	81,029
Details of interest income for the years ended December 31, 2016 and 2015	were as	follows:	
In millions of won		2016	2015
Deposits	₩	28,447	25,821
Available-for-sale financial assets		30	40
Trade and other receivables		8,571	7,469
	₩	37,048	33,330
Details of interest expense for the years ended December 31, 2016 and 2015	were a	s follows:	
In millions of won		2016	2015
Trade and other payables	₩	1,138	793

### For the years ended December 31, 2016 and 2015

#### 29. Income Tax

(a) The components of income tax expense for the years ended December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Current income tax expense	₩	326,776	326,329
Adjustments recognized in the current year for current tax of prior years		(10,295)	(69)
Changes in temporary difference		1,149	2,983
		317,630	329,243
Less: tax expense (benefit) recognized outside profit or loss		(4,613)	2,273
	₩	313,017	331,516

(b) Current and deferred tax expense (benefit) that were recognized outside profit or loss for the years ended December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Current tax: Gain on reissuance of treasury shares	₩	6,107	835
Deferred tax:		,	
Net changes in fair value of available-for-sale financial assets		4,533	(5,650)
Remeasurements of the net defined benefit liabilities		(6,027)	2,542
		(1,494)	(3,108)
Tax expense (benefit) recognized outside profit or loss	₩	4,613	(2,273)

Income tax related to gain on reissuance of treasury shares was recognized directly in equity and income tax related to net changes in fair value of available-for-sale financial assets and remeasurements of the net defined benefit liabilities were recognized in other comprehensive income.

(c) Reconciliation of income tax expense based on statutory tax rate to actual income tax expense for the years ended December 31, 2016 and 2015 are as follows:

In millions of won		2016	2015
Profit before income tax	₩	1,400,364	1,319,440
Normal tax rate		24.20%	24.20%
Income taxes at normal tax rate		338,862	319,278
Adjustment:			
Non-taxable income		(6,515)	(314)
Non-deductible expenses		3,802	5,447
Changes in unrecognized deferred tax		(11,736)	8,373
Tax credits and deduction		(224)	(544)
Adjustments recognized in the current year for current tax of prior years		(10,295)	(69)
Other		(877)	(655)
Income tax expense	₩	313,017	331,516
Effective tax rate		22.40%	25.10%

### For the years ended December 31, 2016 and 2015

#### 29. Income Tax, Continued

- (d) Changes in deferred income tax assets (liabilities) for the years ended December 31, 2016 and 2015 are as follows:
- (i) For the year ended December 31, 2016

			C	Other omprehensive	
In millions of won		January 1 2016	Profit (loss)	income (loss)	December 31 2016
Accumulated depreciation	₩	7,576	(51)	_	7,525
Allowance	• •	8,711	6,043	-	14,754
Available-for-sale financial assets		14,226	986	(4,533)	10,679
Accrued expenses		26,326	(2,442)	-	23,884
Defined benefit liability		4,704	(4,098)	6,027	6,633
Treasury shares		(8,756)	231	-	(8,525)
Investments in subsidiaries		(106,837)	(6,504)	-	(113,341)
Advanced depreciation provision		(14,493)	-	-	(14,493)
Reserve		(4,840)	2,420	-	(2,420)
Other		1,204	772	-	1,976
	₩	(72,179)	(2,643)	1,494	(73,328)

(ii) For the year ended December 31, 2015

				Other	
				mprehensive	D   04
		January 1	Profit	income	December 31
In millions of won		2015	(loss)	(loss)	2015
Accumulated depreciation	₩	7,117	459	-	7,576
Allowance		11,324	(2,613)	-	8,711
Available-for-sale financial assets		14,600	(6,024)	5,650	14,226
Accrued expenses		23,254	3,072	-	26,326
Defined benefit liability		9,191	(1,945)	(2,542)	4,704
Treasury Shares		(8,808)	52	-	(8,756)
Investments in subsidiaries		(106,837)	-	-	(106,837)
Advanced depreciation provision		(14,493)	-	-	(14,493)
Reserve		(7,260)	2,420	-	(4,840)
Other		2,716	(1,512)	-	1,204
	₩	(69, 196)	(6,091)	3,108	(72,179)

<sup>(</sup>e) As of December 31, 2016 and 2015, deferred tax asset of \(\psi \)127,567 million and \(\psi \)163,818 million for temporary differences arising from investments in subsidiaries, associates and joint ventures was not recognized, respectively, because it is not probable that they will reverse in the foreseeable future.

### For the years ended December 31, 2016 and 2015

### 30. Earnings per Share

Basic and diluted earnings per share for the years ended December 31, 2016 and 2015 were as follows:

		2016	2015
Profit for the year in millions of won	₩	1,087,347	987,924
Weighted-average number of ordinary shares outstanding		126,168,347	125,961,848
Basic and diluted earnings per share in won	₩	8,618	7,843

The weighted-average number of ordinary shares outstanding is the number of ordinary shares outstanding at the beginning of the period, adjusted by the number of ordinary shares bought back or issued during the period multiplied by a time-weighting factor.

#### For the years ended December 31, 2016 and 2015

#### 31. Transactions and Balances with Related Companies

(a) Details of parent and subsidiary relationships as of December 31, 2016 and 2015 were as follows:

						Perc	entage of o	ownership
					2016			2015
		Immediate		Sub-			Sub-	
Subsidiary	Location	parent company	Parent	sidiary	Total	Parent	sidiary	Total
Korea Ginseng Corporation	Korea	KT&G Corporation	100.00%	-	100.00%	100.00%	-	100.00%
Yungjin Pharm. Ind. Co., Ltd.	Korea	KT&G Corporation	53.00%	-	53.00%	53.00%	-	53.00%
Tae-a Industry Co., Ltd. KT&G Tutun Mamulleri	Korea	KT&G Corporation	100.00%	-	100.00%	100.00%	-	100.00%
Sanayi ve Ticaret A.S.	Turkey	KT&G Corporation	99.99%	-	99.99%	99.99%	_	99.99%
Korea Tabacos do Brasil Ltda.	Brazil	KT&G Corporation	99.99%	-	99.99%	99.99%	_	99.99%
KT&G Pars	Iran	KT&G Corporation	99.99%	-	99.99%	99.99%	_	99.99%
KT&G Rus L.L.C.	Russia	KT&G Corporation	100.00%	-	100.00%	100.00%	_	100.00%
KT&G USA Corporation	USA	KT&G Corporation	100.00%	-	100.00%	100.00%	_	100.00%
Cosmocos Co., Ltd.(*1)	Korea	KT&G Corporation	98.49%	-	98.49%	97.73%	_	97.73%
Renzoluc Pte., Ltd.(*2)	Singapore	KT&G Corporation	100.00%	-	100.00%	100.00%	_	100.00%
KT&G Life	0 1	•						
Sciences Corporation(*3)	Korea	KT&G Corporation	34.03%	-	34.03%	73.94%	_	73.94%
KGC Yebon Corporation	Korea	KT&G Corporation	100.00%	-	100.00%	100.00%	_	100.00%
K-Q HongKong I, Limited <sup>(*2)</sup>	HongKong	KT&G Corporation	100.00%	-	100.00%	100.00%	_	100.00%
PT KT&G Indonesia	Indonesia	KT&G Corporation	99.99%	-	99.99%	99.99%	_	99.99%
K&I HK Co., Ltd.	HongKong	KT&G Corporation	100.00%	-	100.00%	100.00%	-	100.00%
K&I China Co., Ltd.	China	KT&G Corporation	100.00%	-	100.00%	100.00%	_	100.00%
SangSang Stay, Inc.(*4)	Korea	KT&G Corporation	100.00%	-	100.00%	100.00%	_	100.00%
KT&G Global Rus L.L.C.(*5)	Russia	KT&G Corporation	100.00%	-	100.00%	-	-	-
KGC Life & Gin Co., Ltd.(*6)	Korea	Korea Ginseng Corporation	_	100.00%	100.00%	100.00%	_	100.00%
Jilin Hanzheng		<u> </u>						
Ginseng Co., Ltd.	China	Korea Ginseng Corporation	-	100.00%	100.00%	-	100.00%	100.00%
Cheong Kwan Jang								
Taiwan Corporation	Taiwan	Korea Ginseng Corporation	-	100.00%	100.00%	-	100.00%	100.00%
Korean Red Ginseng Corp., Inc.	:.USA	Korea Ginseng Corporation	-	100.00%	100.00%	-	100.00%	100.00%
Korea Ginseng (China) Corp.	China	Korea Ginseng Corporation	-	100.00%	100.00%	-	100.00%	100.00%
Korea Ginseng								
Corporation Japan	Japan	Korea Ginseng Corporation	-	100.00%	100.00%	-	100.00%	100.00%
PT CKJ INDONESIA	Indonesia	Korea Ginseng Corporation	-	99.88%	99.88%	-	99.88%	99.88%
PT Trisakti Purwosari Makmur	Indonesia	Renzoluc Pte., Ltd.	-	60.17%	60.17%	-	60.17%	60.17%
PT Mandiri Maha mulia	Indonesia	Renzoluc Pte., Ltd.	-	66.47%	66.47%	-	66.47%	66.47%
PT Sentosa	Indonesia	PT Trisakti						
Ababi Purwosari		Purwosari Makmur	-	99.80%	99.80%	-	99.24%	99.24%
PT Purindo Ilufa	Indonesia	PT Trisakti						
		Purwosari Makmur	-	100.00%	100.00%	-	100.00%	100.00%

The ownership interest in Cosmocos Co., Ltd. has increased to 98.49% from 97.73% as a result of the conversion of redeemable convertible preferred shares in 2016.

The percentage of ownership, shown above, excludes preferred shares. As of December 31, 2016, the Company's percentage of ownership would be 68.91% and 50.00%, respectively, if preferred shares are included.

<sup>(\*3)</sup> The ownership interest in KT&G Life Sciences Corporation has decreased to 34.03% from 73.94% as a result of the conversion of redeemable convertible preferred shares in 2016.

<sup>&</sup>lt;sup>(\*4)</sup> The Company established SangSang Stay, Inc. in 2015.

<sup>(\*5)</sup> The Company established KT&G Global Rus L.L.C. in 2016.

<sup>(\*6)</sup> The Company made an in-kind capital contribution of its entire interest in KGC Life & Gin Co., Ltd. to Korea Ginseng Corporation in 2016.

### For the years ended December 31, 2016 and 2015

### 31. Transactions and Balances with Related Companies, Continued

(b) Significant transactions which occurred in the normal course of business with related companies for the years ended December 31, 2016 and 2015 are summarized as follows:

		2015			
	_	Sales and	Purchase and	Sales and	Purchase and
In millions of won		other income	other expenses	other income	other expenses
Korea Ginseng Corporation	₩	7,679	2,575	8,674	1,706
Yungjin Pharm. Ind. Co., Ltd.		282	13	330	28
Tae-a Industry Co., Ltd.		14	13,857	17	13,727
KT&G Tutun Mamulleri Sanayi ve Ticaret A.S.		2,700	-	8,275	22
KT&G Pars		324	-	1,132	_
KT&G Rus L.L.C.		21,887	-	25,173	22
KT&G USA Corporation		122,394	-	106,723	-
Cosmocos Co., Ltd.		147	452	138	131
Renzoluc Pte., Ltd.		4,050	-	3,699	-
KT&G Life Sciences Corporation		18	-	30	-
KGC Yebon Corporation		106	260	538	136
PT KT&G Indonesia		1,603	-	1,588	-
K&I China Co., Ltd.		1,200	76	-	226
SangSang Stay, Inc.		3,843	33	45	-
KGC Life & Gin Co., Ltd.		632	323	819	503
PT Trisakti Purwosari Makmur		187	-	153	-
PT Mandiri Maha mulia		7,934	-	3,390	-
	₩	175,000	17,589	160,724	16,501

In addition, the Company disposed of property, plant and equipment with a carrying amount of \(\pmu4,920\) million, \(\pmu3,392\) million and \(\pmu1,123\) million to SangSang Stay, Inc., PT Mandiri Maha Mulia and KT&G Rus L.L.C., respectively, during the year ended December 31, 2016.

## For the years ended December 31, 2016 and 2015

### 31. Transactions and Balances with Related Companies, Continued

(c) Account balances with related companies as of December 31, 2016 and 2015 were as follows:

In millions of won		Receivables	2016 Payables	Receivables	2015 Payables
Korea Ginseng Corporation	₩	37	2,071	37	2,044
Yungjin Pharm. Ind. Co., Ltd.		13	30	11	413
KT&G Tutun Mamulleri Sanayi ve Ticaret A.S.		38,159	-	44,388	-
Korea Tabacos do Brasil Ltda.		101	-	99	-
KT&G Pars(*)		43,385	_	42,868	_
KT&G Rus L.L.C.(*)		58,652	-	38,425	-
KT&G USA Corporation		19,015	-	12,071	-
Cosmocos Co., Ltd.		-	27	28,144	28
Renzoluc Pte., Ltd.		50,923	-	47,884	-
KT&G Life Sciences Corporation		-	1	-	1
PT KT&G Indonesia(*)		31,185	-	29,112	-
K&I China Co.,Ltd.		1,074	_	_	_
SangSang Stay, Inc.		552	-	-	-
KGC Life & Gin Co., Ltd.		-	115	-	245
PT Trisakti Purwosari Makmur		353	-	156	-
PT Mandiri Maha mulia		11,050	-	3,698	-
	₩	254,499	2,244	246,893	2,731

Above receivables are the gross amounts before \text{W49,965 million and \text{W20,198 million of allowance for doubtful accounts as of December 31, 2016 and 2015, respectively.

#### For the years ended December 31, 2016 and 2015

#### 31. Transactions and Balances with Related Companies, Continued

(d) Details of financial transactions with related parties for the years ended December 31, 2016 and 2015 were as follows:

		2016 Capital		Loans	2015 Capital
In millions of won		Increase	Increase	Collection	Increase
Korea Ginseng Corporation	₩	44,100	-	-	-
KT&G Tutun Mamulleri Sanayi ve Ticaret A.S.		-	-	1,099	-
Korea Tabacos do Brasil Ltda.		-	-	-	2,356
Cosmocos Co., Ltd.		27,417	-	-	49,755
Renzoluc Pte., Ltd.		-	969	-	-
KT&G Life Sciences Corporation		1,564	-	-	-
PT KT&G Indonesia		-	7,748	_	-
K&I China Co.,Ltd.		-	_	_	5,096
SangSang Stay, Inc.		-	_	_	20,000
KT&G Global Rus L.L.C.		1,497	-	-	-

During the year ended December 31, 2016, the Company acquired \text{\text{W44}},100\text{ million of additional shares of Korea Ginseng Corporation through an in-kind capital contribution of its entire investment in KGC Life & Gin Co., Ltd.

During the year ended December 31, 2016, the Company acquired \(\frac{\pmathbb{W}}{27,417}\) million of additional shares of Cosmocos Co., Ltd. as a result of the conversion of its redeemable convertible preferred shares, increasing its ownership from 97.73% to 98.49%.

During the year ended December 31, 2015, the Company acquired 94,079 shares of redeemable convertible preference shares of Cosmocos Co., Ltd. for \(\fomage \)26,000 million from KOFC QCP IBKC Frontier Champ 2010-2 Private Equity Fund.

(e) Details of key management personnel compensation for the years ended December 31, 2016 and 2015 are summarized as follows:

In millions of won		2016	2015
Short-term employee benefits	₩	16,539	15,456
Retirement benefits		1,704	1,476
	₩	18,243	16,932
		- /	_

#### For the years ended December 31, 2016 and 2015

#### 32. Risk Management and Fair Value of Financial Instruments

#### (a) Overview

The Company has exposure to the following risks from its use of financial instruments:

- Market risk
- Credit risk
- Liquidity risk

This note presents information about the Company's exposure to each of the above risks, the Company's objectives, policies and processes for measuring and managing risk including quantitative disclosures.

#### (b) Risk Management Framework

The purpose of managing financial risks is to identify the potential risk factors that may affect the Company's financial performance, and minimize, eliminate and avoid it to the extent that is acceptable. One of the principal responsibilities of the treasury department is to manage the financial risks arising from the Company's underlying operations. The treasury department monitors and manages the financial risk arising from the Company's underlying operations in accordance with the risk management policies and procedures authorized by the board of directors. Also, the treasury department provides an internal report analyzing the nature and exposure level of financial risks to Risk Management Committee of the Company. The Risk Management Committee prepares the overall strategy for financial risk management, and evaluates the effectiveness of the financial risk management strategy. In addition, the Company's audit committee consistently observes the compliance of the risk management policy and procedure, and reviews the risk exposure limit of the Company. The Company applied the same financial risk management strategy that was applied in the previous period.

#### (c) Management of Financial Risks

#### (i) Market risk

Market risk is the risk that changes in market prices – such as foreign exchange rates, interest rates and equity prices – will affect the Company's income or the value of its financial instruments. The objective of market risk management is to manage and control market risk exposures within acceptable parameters, while optimizing the return.

#### Currency risk

The Company has exposure to the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in foreign exchange rates arising from the export and import of tobacco. The Company's management has measured the currency risk internally and regularly, and has entered into foreign currency forward contracts to hedge foreign currency risk, if necessary.

## KT&G CORPORATION

### Notes to the Separate Financial Statements

#### For the years ended December 31, 2016 and 2015

#### 32. Risk Management and Fair Value of Financial Instruments, Continued

- (c) Management of Financial Risks, Continued
- (i) Market risk, continued

The carrying amounts of monetary assets and liabilities denominated in a currency other than the functional currency as of December 31, 2016 and 2015 were as follows:

			2016		2015
In millions of won		Assets	Liabilities	Assets	Liabilities
USD	₩	1,085,906	52,680	918,070	44,431
IDR		51,593	-	48,190	=
EUR		29,630	3,023	30,375	1,504
Others		11,213	-	2,177	-
	₩	1,178,342	55,703	998,812	45,935

As of December 31, 2016 and 2015, the effects of a 10% weakening or strengthening of functional currency against foreign currencies on profit before tax were as follows:

			2016		2015
		10%	10%	10%	10%
In millions of won		weakening	strengthening	weakening	strengthening
Increase (decrease) in profit before tax	₩	112,264	(112,264)	95,288	(95,288)

#### Equity price risk

The Company has exposure to equity price risk, which arises from listed available-for-sale equity instruments. The Company's management has monitored the proportion of equity instruments in its investment portfolio based on market indices. Material investments within the portfolio are managed on an individual basis, and all buy and sell decisions are approved by the Company's management.

As of December 31, 2016 and 2015, the effects of a 5% fluctuation in the price index of stocks on comprehensive income before tax were as follows:

		2016			2015
		5%	5%	5%	5%
In millions of won		increase	decrease	increase	decrease
Increase (decrease) in comprehensive income before tax	₩	5,162	(5,162)	1,627	(1,627)

#### Interest rate risk

The Company has exposure to the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market interest rates. The Company's management has monitored the level of interest rates regularly and has maintained the balance of borrowings at variable rates and fixed rates. As of December 31, 2016, there is no significant effect on cash flows or the fair value of financial liabilities from the interest rate fluctuation, considering the amounts of interest bearing liabilities.

#### For the years ended December 31, 2016 and 2015

#### 32. Risk Management and Fair Value of Financial Instruments, Continued

- (c) Management of Financial Risks, Continued
- (ii) Credit risk

The Company has exposure to the risk that one party to a financial instrument will cause a financial loss for the other party by failing to discharge an obligation. The Company has transacted with customers with high credit ratings to manage credit risk, and has implemented and operated policies and procedures for credit enhancements of the financial assets. Counterparty credit risk is managed by evaluating its credit rating and limiting the aggregate amount and duration of exposure before sales commence, and the Company has been provided collateral and guarantees. The credit ratings of all counterparties and the level of collateral and guarantees are reviewed regularly. Analysis of financial assets past due has been reported quarterly and appropriate measures have been taken to secure the Company's assets.

The carrying amount of financial assets is maximum exposure to credit risk. The maximum exposure to credit risk as of December 31, 2016 and 2015 is as follows:

In millions of won		2016	2015
Available-for-sale debt instruments	₩	1,500	1,500
Long-term deposits in MSA Escrow Fund		503,592	403,966
Trade and other receivables		1,208,615	1,153,462
Other financial assets (excluding derivatives)		1,620,000	1,080,000
Cash and cash equivalents (excluding cash on hand)		687,640	441,753
Financial guarantee contracts		153,145	76,566
	₩	4,174,492	3,157,247

#### For the years ended December 31, 2016 and 2015

#### 32. Risk Management and Fair Value of Financial Instruments, Continued

- (c) Management of Financial Risks, Continued
- (iii) Liquidity risk

The Company has exposure to the risk that an entity will encounter difficulty in meeting obligations associated with financial liabilities. The Company's management has established short-term and long-term financial management plans to manage the liquidity risk, and analyzed cash outflows occurred and cash outflows budgeted, so as to match the maturity structure of financial assets and financial liabilities. The Company's management determines whether or not the financial liabilities are repayable with the operating cash flows and cash inflows from financial assets.

The maturity analysis with a residual contractual maturity of financial liabilities as of December 31, 2016 and 2015 is as follows:

			_		Residual contractual maturity	
					Between	Between
		Carrying	Contractual	Within	3 months	1 and 5
In millions of won		amount	cash flow	3 months	and 1 year	years
As of December 31, 2016:						
Trade and other payables	₩	252,969	253,467	224,703	21,584	7,180
Short-term borrowings		3,851	3,851	3,851	-	-
Financial guarantee liabilities		-	153,145	-	153,145	-
	₩	256,820	410,463	228,554	174,729	7,180
As of December 31, 2015:						
Trade and other payables	₩	252,635	253,343	225,084	19,583	8,676
Short-term borrowings		5,031	5,031	5,031	-	-
Financial guarantee liabilities		=	76,566	=	-	76,566
	₩	257,666	334,940	230,115	19,583	85,242

The above financial liabilities are presented at the nominal value of undiscounted future cash flows as of the earliest period at which the Company can be required to pay.

### For the years ended December 31, 2016 and 2015

### 32. Risk Management and Fair Value of Financial Instruments, Continued

#### (d) Fair Value of Financial Instruments

The carrying amounts of each category of financial assets and liabilities as of December 31, 2016 and 2015 are summarized as follows:

In millions of won		2016	2015
Financial assets:			
Financial assets at fair value through profit or loss			
(derivative financial instruments)	₩	-	11,976
Available-for-sale financial assets		365,805	340,149
Loans and receivables			
-Trade and other receivables		1,208,615	1,153,462
-Long-term deposits in MSA Escrow Fund		503,592	403,966
-Other financial assets (excluding derivatives)		1,620,000	1,080,000
-Cash and cash equivalents		688,735	444,376
		4,020,942	3,081,804
	₩	4,386,747	3,433,929
Financial liabilities:			
Financial liabilities measured at amortized cost			
-Trade and other payables	₩	252,969	252,635
–Short-term borrowings		3,851	5,031
	₩	256,820	257,666

The fair value measurements classified by fair value hierarchy as of December 31, 2016 and 2015 were as follows:

		Carrying			Fair value
In millions of won		amount	Level I	Level II	Level III
As of December 31, 2016:					
Available-for-sale financial assets	₩	333,250	200,294	=	132,956
As of December 31, 2015:					
Available-for-sale financial assets	₩	302,594	187,486	-	115,108
Other financial assets					
(derivative financial instruments)		11,976	-	-	11,976
	₩	314,570	187,486	-	127,084

There is no transfer between fair value hierarchy levels of recurring fair value measurements for the years ended December 31, 2016 and 2015.

### For the years ended December 31, 2016 and 2015

#### 32. Risk Management and Fair Value of Financial Instruments, Continued

#### (d) Fair Value of Financial Instruments, Continued

The fair value measurements for available-for-sale equity instruments in real estate trust fund and derivative financial instruments have been measured using the adjusted net asset method, DCF and option pricing model and categorized as a level 3 fair value based on the inputs to the valuation techniques used. Changes in fair value classified as level 3 for the years ended December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Beginning balance	₩	127,084	90,726
Acquisition		16,000	33,073
Disposal		(11,976)	_
Changes in fair value		1,848	3,285
Ending balance	₩	132,956	127,084

#### (e) Finance Income (Costs)

(i) Details of finance income (costs) by categories for the year ended December 31, 2016 were as follows:

In millions of won		Available -for-sale financial assets	Loans and receivables	Financial liabilities measured at amortized cost	Total
Profit or loss:					
Interest income	₩	30	37,018	-	37,048
Dividend income		15,129	-	-	15,129
Gain on conversion of					
redeemable convertible preferred shares		-	311	-	311
Gain on sale		13,988	-	-	13,988
Interest expense		-	-	(1,138)	(1,138)
Investment loss on long-term					
deposits in MSA Escrow Fund		-	(3,721)	-	(3,721)
Impairment loss		(4,077)	-	=	(4,077)
	₩	25,070	33,608	(1,138)	57,540
Other comprehensive income (loss) before tax					
Net change in fair value	₩	28,643	_	-	28,643
Reclassification adjustments on sale		(13,988)	_	-	(13,988)
Reclassification adjustments on impairment		4,077	-	-	4,077
	₩	18,732	-	-	18,732

#### For the years ended December 31, 2016 and 2015

#### 32. Risk Management and Fair Value of Financial Instruments, Continued

- (e) Finance Income (Costs), Continued
- (ii) Details of finance income (costs) by categories for the year ended December 31, 2015 were as follows:

		Financial			Financial	
		assets	Available		liabilities	
		at fair value	-for-sale	Loans	measured at	
		through	financial	and	amortized	
In millions of won		profit or loss	assets	receivables	cost	Total
Profit or loss:						
Interest income	₩	-	40	33,290	-	33,330
Dividend income		-	12,015	-	-	12,015
Investment income on long-term						
deposits in MSA Escrow Fund		-	-	1,287	-	1,287
Gain on sale		-	25,183	-	-	25,183
Gain on valuation of						
derivative financial instruments		1,103	-	-	-	1,103
Interest expense		-	-	=	(793)	(793)
Impairment loss		-	(95)	=	-	(95)
	₩	1,103	37,143	34,577	(793)	72,030
Other comprehensive income (los	s) bef	ore tax				
Net change in fair value	₩	-	1,744	-	-	1,744
Reclassification adjustments on sale		-	(25,183)	-	-	(25,183)
Reclassification adjustments			,,			,,
on impairment		-	95	-	-	95
·	₩	-	(23,344)	-	-	(23,344)

#### 33. Capital Management

The Company's policy is to maintain a strong capital base so as to maintain investor, creditor and market confidence and to sustain future development of the business. The board of directors seeks to maintain a balance between the higher returns that might be possible with higher levels of borrowings and the advantages and security afforded by a sound capital position.

The Company monitors capital using equity and net debt deducting cash and cash equivalents and current financial instruments from borrowings. The Company applied the same capital management strategy that was applied in the previous year.

As of December 31, 2016 and 2015, the Company's capital structure was as follows:

Equity	₩	6,578,897	5,896,480
Net debt (asset)		(2,304,884)	(1,531,321)
Current other financial assets		(1,620,000)	(1,091,976)
Cash and cash equivalents		(688,735)	(444,376)
Less:	• • • • • • • • • • • • • • • • • • • •	0,001	0,001
Debt (borrowings)	₩	3.851	5,031
In millions of won		2016	2015

#### For the years ended December 31, 2016 and 2015

#### 34. Contingent Liabilities and Commitments

- (a) Each year the Company deposits a proportion of sales of tobacco products in the United States in accordance with the Tobacco Master Settlement Agreement ("MSA") under the Escrow Statute of the United States government. The MSA Escrow Funds are maintained to pay the medical expenses of tobacco purchasers who have suffered health effects as a result of smoking. The unused portion of this fund will be refunded to the Company 25 years from the date of each annual funding. The Company recorded as long-term deposits the amounts paid into the MSA Escrow Funds of State governments in the United States against potential litigation and damages related to the export of tobacco into the United States.
- (b) As of December 31, 2016, a lawsuit by National Health Insurance Service claiming damages of \( \pm 53,742 \) million are filed against the Company. Additionally, as of December 31, 2016, the Company is involved in six lawsuits as a plaintiff for alleged damages totalling \( \pm 16,920 \) million and three lawsuits as a defendant for alleged damages totalling \( \pm 1,839 \) million. The amount of the liability the Company may ultimately be liable for with respect to the litigation cannot be reasonably estimated as of December 31, 2016.
- (c) As of December 31, 2016, the Company has entered into letter of credit agreements with Korea Exchange Bank and other banks with limits in the aggregate of USD 57,000 thousand.
- (d) As of December 31, 2016, the Company's trade receivables from the export of cigarettes are insured against non-payment up to USD 23,763 thousand by a short-term export insurance with the Korea Export Insurance Corporation.
- (e) The Company has been provided with a foreign currency payment guarantees by KEB Hana Bank up to USD 40,000 thousand for L/C or guarantees related with its foreign exports. Details of guarantees exercised as of December 31, 2016, are summarized as follows:

In thousands of USD, THB and millions of IDR		amount
Customs bond and L/C opening of KT&G USA Corporation Performance guarantee for export of tobacco sheet to Thailand Tobacco Monopoly Payment guarantee for purchase of certificate stamp of PT Mandiri Maha Mulia	USD THB IDR	15,217 15,191 175,166

(f) On March 17, 2011, the Company signed the memorandum of understanding ("MOU") on global investment partnership with National Pension Service to jointly invest in foreign assets with a limit of \(\frac{\text{W}}{800,000}\) million.

### For the years ended December 31, 2016 and 2015

#### 34. Contingent Liabilities and Commitments, Continued

(g) With relation to the acquisition of KT&G Life Sciences Corporation, the Company entered into a contract with a former owner of the acquiree, Gwak, Tae-Hwan ("Individual Shareholder"). Details of the contract are as follows:

Description	Details
Restriction of disposal	Individual Shareholder shall not be permitted to dispose of its shares, in whole or in part, within one year after KT&G Life Sciences Corporation is listed.
Right of first refusal held by the Company	Individual Shareholder shall not be permitted to make any transfer of its shares, in whole or in part, unless Individual Shareholder has offered them first to the Company.
Tag-along right held by Individual Shareholder	In the event that the Company proposes to enter into a transaction or a series of related transactions with a third party purchaser to dispose of its shares, then Individual Shareholder shall elect to participate in such disposition upon the terms and conditions no less favorable than those applicable to the Company.

- (h) As of December 31, 2016, the Company has provided guarantees up to ₩225,600 million with an exercised amount of ₩153,145 million for the buyers of apartments in respect of their borrowings from Shinhan Bank.
- (i) As of December 31, 2016, the Company is insured by performance bond insurance up to ₩3,721 million with the Seoul Guarantee Insurance.

## For the years ended December 31, 2016 and 2015

### 35. Cash Flows

(a) Details of cash generated from operations for the years ended December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
Profit for the year	₩	1,087,347	987,924
Adjustments for:			
Income tax expense		313,017	331,516
Finance costs		8,936	888
Finance income		(69,493)	(81,917)
Depreciation		105,057	105,353
Amortization		21	24
Retirement and termination benefits		33,765	47,058
Foreign currency translations loss		1,907	3,317
Loss on sale of property, plant and equipment		1,038	513
Loss on sale of intangible assets		16	_
Loss on sale of investment in associates and joint ventures		-	370
Loss on sale of investment in subsidiaries		-	34,601
Other expenses		6,257	7,117
Foreign currency translations gain		(44,757)	(39,761)
Reversal of impairment loss on trade and other receivables		25,579	(8,897)
Loss on (reversal of) write-down of inventory		728	(183)
Gain on sale of property, plant and equipment		(15,342)	(12,421)
Gain on sale of intangible assets		-	(723)
Gain on sale of investment in associates and joint ventures		(6,095)	
		1,447,981	1,374,779
Changes in working capital:			
Trade and other receivables		(67,888)	(123,588)
Advance payments		4,217	(6,256)
Prepaid expenses		637	(1,470)
Prepaid tobacco excise and other taxes		8,358	(186,998)
Inventories		(32,652)	19,916
Trade and other payables		29,858	69,305
Advance receipts		(25,531)	78
Tobacco excise and other taxes payable		381,906	515,621
Payment of retirement and termination benefits		(52,683)	(60,499)
Cash generated from operations	₩	1,694,203	1,600,888

### For the years ended December 31, 2016 and 2015

#### 35. Cash Flows, Continued

(b) Details of material transactions without cash inflow or outflow for the years ended December 31, 2016 and 2015 were as follows:

In millions of won		2016	2015
In-kind donation of treasury shares	₩	34,140	5,448
Acquisition of investment in subsidiaries upon exercise of conversion options		27,414	-
Acquisition of available-for-sale financial assets			
upon exercise of conversion options		-	28,990
Increase in accrued expenses			
related to payment of retirement and termination benefits		1,040	1,141
Increase (decrease) in other payables			
related to acquisition of property, plant and equipment		2,092	(3,166)
Increase in other receivables related to disposal of			
property, plant and equipment and non-current assets held for sale		4,319	298
In-kind capital contribution of investment in subsidiaries		44,100	-

<sup>(</sup>c) The Company presented cash flows arising from short-term financial instruments on a net basis.

#### 36. Significant Event after the End of Reporting Period

As of January 13, 2017, KT&G Life Sciences Corporation was merged into Yungjin Pharm. Ind. Co., Ltd. The financial effect of the business combination cannot be reasonably estimated as of December 31, 2016.



#### **KPMG SAMJONG Accounting Corp.**

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### Independent Auditors' Review Report on Internal Accounting Control System

English translation of a report originally issued in Korean

To the President of KT&G Corporation:

We have reviewed the accompanying Report on the Operations of Internal Accounting Control System ("IACS") of KT&G Corporation (the "Company") as of December 31, 2016. The Company's management is responsible for designing and maintaining effective IACS and for its assessment of the effectiveness of IACS. Our responsibility is to review management's assessment and issue a report based on our review. In the accompanying report of management's assessment of IACS, the Company's management stated: "Based on the assessment on the operations of the IACS, the Company's IACS has been effectively designed and is operating as of December 31, 2016, in all material respects, in accordance with the IACS Framework issued by the Internal Accounting Control System Operation Committee."

We conducted our review in accordance with IACS Review Standards, issued by the Korean Institute of Certified Public Accountants. Those Standards require that we plan and perform the review to obtain assurance of a level less than that of an audit as to whether Report on the Operations of Internal Accounting Control System is free of material misstatement. Our review consists principally of obtaining an understanding of the Company's IACS, inquiries of company personnel about the details of the report, and tracing to related documents we considered necessary in the circumstances. We have not performed an audit and, accordingly, we do not express an audit opinion.

A company's IACS is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. Because of its inherent limitations, however, IACS may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

Based on our review, nothing has come to our attention that Report on the Operations of Internal Accounting Control System as of December 31, 2016 is not prepared in all material respects, in accordance with IACS Framework issued by the Internal Accounting Control System Operation Committee.

This report applies to the Company's IACS in existence as of December 31, 2016. We did not review the Company's IACS subsequent to December 31, 2016. This report has been prepared for Korean regulatory purposes, pursuant to the External Audit Law, and may not be appropriate for other purposes or for other users.

Seoul, Korea February 24, 2017

#### Notice to Readers

This report is annexed in relation to the audit of the separate financial statements as of December 31, 2016 and the review of internal accounting control system pursuant to Article 2-3 of the Act on External Audit for Stock Companies of the Republic of Korea.

## Report on the Operations of Internal Accounting Control System

English translation of a report originally issued in Korean

To the Board of Directors and Audit Committee of KT&G Corporation:

I, as the Internal Accounting Control Officer ("IACO") of KT&G Corporation (the "Company"), assessed the status of the design and operations of the Company's internal accounting control system ("IACS") for the year ended December 31, 2016.

The Company's management including the IACO is responsible for the design and operations of its IACS. I, as the IACO, assessed whether the IACS has been effectively designed and is operating to prevent and detect any error or fraud which may cause any misstatement of the financial statements, for the purpose of establishing the reliability of financial reporting and the preparation of financial statements for external purposes. I, as the IACO, applied the IACS Framework for the assessment of design and operations of the IACS.

Based on the assessment of the operations of the IACS, the Company's IACS has been effectively designed and is operating as of December 31, 2016, in all material respects, in accordance with the IACS Framework issued by the Internal Accounting Control System Operation Committee.

Back

January 17, 2017

Kang, Kyeong Bo Internal Accounting Control Officer

Baek, Bok In President and Chief Executive Office