

**PUBLIC JOINT STOCK COMPANY  
“ACRON”**

**Consolidated Financial Statements  
for the year ended 31 December 2016  
and Independent Auditors’ Report**

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Independent Auditors' report

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JSC "KPMG"  
10 Presnenskaya Naberezhnaya  
Moscow, Russia 123112  
Telephone +7 (495) 937 4477  
Fax +7 (495) 937 4400/99  
Internet www.kpmg.ru

## Independent Auditors' Report

To the Shareholders and Board of Directors of PJSC "Acron"

### **Opinion**

We have audited the consolidated financial statements of PJSC "Acron" (the "Company") and its subsidiaries (the "Group"), which comprise the consolidated statement of financial position as at 31 December 2016, the consolidated statements of profit or loss and other comprehensive income, changes in equity and cash flows for the year then ended, and notes, comprising significant accounting policies and other explanatory information.

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

### **Basis for Opinion**

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

### **Key Audit Matters**

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the consolidated financial statements of the current period. These matters were addressed in the context of our audit of the consolidated financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters.

Audited entity: PJSC "Acron".

Registration No. in the Unified State Register of Legal Entities  
1025300786610.

Veliky Novgorod, Russia.

Independent auditor: JSC "KPMG", a company incorporated under the Laws of the Russian Federation, a member firm of the KPMG network of independent member firms affiliated with KPMG International Cooperative ("KPMG International"), a Swiss entity.

Registration No. in the Unified State Register of Legal Entities 1027700125628.

Member of the Self-regulated organization of auditors "Russian Union of auditors" (Association). The Principal Registration Number of the Entry in the Register of Auditors and Audit Organisations: No. 11603053203.



**Impairment testing of mining licence and its fair value measurement for the purpose of valuation of linked derivatives**

Please refer to the Notes 3, 10, 14 in the consolidated financial statements.

**The key audit matter**

**How the matter was addressed in our audit**

The Group has a significant mining licence for the development of Verkhnekamsk potash deposit in the Perm region. There is a risk of irrecoverability of cash generating unit comprising this licence, capitalised exploration and evaluation costs and property plant and equipment due to volatility of potash prices, and to the uncertainties regarding the volumes, costs and capital expenditures of developing underground mining project. Due to the inherent uncertainty involved in forecasting and discounting future cash flows, which are the basis of the assessment of recoverability, this is one of the key judgmental areas that our audit is concentrated on.

Moreover, the same forecasting and discounting future cash flows model is used as a primary input for fair value measurement of certain derivative financial assets and liabilities arising from the put and call option agreements related to ordinary shares of the Group's subsidiary JSC Verkhnekamsk Potash Company that holds the license and develops related potash deposit.

In this area our audit procedures included testing of the Group's budgeting process upon which the forecasts are based and the principles and integrity of the Group's discounted cash flow model. We used our own valuation specialist to assist us in evaluating the assumptions and methodologies used by the Group, in particular those relating to calculation of WACC and the forecast EBITDA margins. We compared the Group's assumptions to externally derived data as well as our own assessments in relation to key inputs such as projected extraction volumes, growth rates, inflation and foreign currency exchange rates. We also assessed whether the Group's disclosures about the sensitivity of the outcome of the impairment assessment to changes in key assumptions reflected the risks inherent in the valuation of CGU's assets.

Our audit procedures with regard to derivative financial instruments included the following:

- we assessed controls over the identification, measurement and management of derivative financial instruments and assessed the methodologies, inputs and assumptions used by the Group in determining fair values and consistency of their application with previous years;
- we compared observable inputs into valuation models such as quoted prices to externally available market data;
- we assessed whether non-observable inputs are consistent with discounted cash flow projections described above.

Additionally, we assessed whether the financial statement disclosures of fair value risks and sensitivities appropriately reflect the Group's exposure to valuation risk.



### ***Other Information***

Management is responsible for the other information. The other information comprises the information included in the PJSC Acron’s Annual Report for 2016 but does not include the consolidated financial statements and our auditors’ report thereon. The Annual Report is expected to be made available to us after the date of this auditors’ report.

Our opinion on the consolidated financial statements does not cover the other information and we will not express any form of assurance conclusion thereon.

In connection with our audit of the consolidated financial statements, our responsibility is to read the other information identified above when it becomes available and, in doing so, consider whether the other information is materially inconsistent with the consolidated financial statements or our knowledge obtained in the audit, or otherwise appears to be materially misstated.

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

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

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

Those charged with governance are responsible for overseeing the Group’s financial reporting process.

### ***Auditors’ Responsibilities for the Audit of the Consolidated Financial Statements***

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

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

- Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Group’s internal control.

- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Group's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditors' report to the related disclosures in the consolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the Group to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the consolidated financial statements, including the disclosures, and whether the consolidated financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Group to express an opinion on the consolidated financial statements. We are responsible for the direction, supervision and performance of the group audit. We remain solely responsible for our audit opinion.

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

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the consolidated financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditors' report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

The engagement partner on the audit resulting in this independent auditors' report is:

Ilya O. Belyatski

JSC "KPMG"  
31 March 2017  
Moscow, Russia



**Public Joint Stock Company "Acron"**  
**Consolidated Statement of Financial Position at 31 December 2016**  
*(in millions of Russian Roubles)*



	Note	31 December 2016	31 December 2015
<b>ASSETS</b>			
<b>Non-current assets</b>			
Property, plant and equipment	9	84,173	84,680
Subsoil licences and related costs	10	32,090	32,232
Goodwill	11	1,267	1,267
Available-for-sale investments	12	17,965	148
Investment in equity accounted investees	13	-	31,263
Deferred tax assets	27	341	1,396
Other non-current assets		2,231	2,976
<b>Total non-current assets</b>		<b>138,067</b>	<b>153,962</b>
<b>Current assets</b>			
Inventories	8	14,453	17,800
Accounts receivable	7	8,566	10,953
Available-for-sale investments	12	-	4,808
Short-term derivative financial instruments	14	5,177	7,816
Cash and cash equivalents	6	27,168	30,421
Other current assets		856	1,014
<b>Total current assets</b>		<b>56,220</b>	<b>72,812</b>
<b>TOTAL ASSETS</b>		<b>194,287</b>	<b>226,774</b>
<b>EQUITY</b>			
Share capital	18	3,046	3,046
Treasury shares		(4)	(3)
Retained earnings		68,439	60,523
Revaluation reserve		(7,635)	3,752
Other reserves		(1,650)	(1,209)
Cumulative currency translation difference		4,960	18,877
<b>Share capital and reserves attributable to the Company's owners</b>		<b>67,156</b>	<b>84,986</b>
Non-controlling interests	19	20,566	24,812
<b>TOTAL EQUITY</b>		<b>87,722</b>	<b>109,798</b>
<b>LIABILITIES</b>			
<b>Non-current liabilities</b>			
Long-term borrowings	17	39,231	68,611
Long-term derivative financial instruments	14	8,443	9,282
Deferred tax liabilities	27	5,310	5,196
Other non-current liabilities		788	1,080
<b>Total non-current liabilities</b>		<b>53,772</b>	<b>84,169</b>
<b>Current liabilities</b>			
Accounts payable	15	6,302	8,435
Notes payable		34	2,138
Taxes payable	16	953	1,422
Short-term borrowings	17	39,886	12,995
Advances received		4,200	6,254
Other current liabilities		1,418	1,563
<b>Total current liabilities</b>		<b>52,793</b>	<b>32,807</b>
<b>TOTAL LIABILITIES</b>		<b>106,565</b>	<b>116,976</b>
<b>TOTAL LIABILITIES AND EQUITY</b>		<b>194,287</b>	<b>226,774</b>

Approved for issue and signed on behalf of the Board of Directors on 31 March 2017.

V.Y. Kunitskiy  
President



A.V. Mijenkov  
Finance Director

**Public Joint Stock Company “Acron”**  
**Consolidated Statement of Profit or Loss and Other Comprehensive Income**  
**for the year ended 31 December 2016**



(in millions of Russian Roubles, except for per share amounts)

	Note	2016	2015
Revenue	4	89,359	92,019
Cost of sales	21	(45,311)	(37,777)
<b>Gross profit</b>		<b>44,048</b>	<b>54,242</b>
Transportation expenses	23	(11,943)	(10,403)
Selling, general and administrative expenses	22	(7,806)	(6,542)
Loss on exploration permits	10	-	(1,117)
Other operating (expenses)/income, net	25	(3,401)	2,246
<b>Operating profit</b>		<b>20,898</b>	<b>38,426</b>
Finance income/(expense), net	24	8,387	(10,827)
Interest expense		(4,573)	(4,067)
Gain/(loss) on disposal of investments		5,389	(31)
Loss on derivatives, net		(1,803)	(3,700)
Share of profit of equity accounted investees	13	1,544	2,241
Derecognition of equity accounted investee and recycling of related cumulative currency translation difference	13	3,268	-
<b>Profit before taxation</b>		<b>33,110</b>	<b>22,042</b>
Income tax expense	27	(5,962)	(4,167)
<b>Profit from continuing operations for the year</b>		<b>27,148</b>	<b>17,875</b>
<b>Loss from discontinued operation</b>	28	<b>(1,623)</b>	<b>(1,169)</b>
<b>Profit for the year</b>		<b>25,525</b>	<b>16,706</b>
<i>Other comprehensive (loss)/income on items that will not be reclassified to profit or loss:</i>			
Share of other comprehensive loss of equity-accounted investees	13	(150)	(20)
<i>Other comprehensive income/(loss) on items that are or may be reclassified to profit or loss:</i>			
<i>Available-for-sale investments:</i>			
- (Losses)/gains arising during the year	12	(7,635)	1,333
- Reclassification of revaluation gain on disposal to profit and loss		(4,690)	-
- Income tax recorded directly in other comprehensive income	27	938	(267)
Currency translation differences		(5 646)	5,535
Reclassification of translation differences to profit or loss	13, 28	(8 280)	-
<b>Other comprehensive income for the year</b>		<b>(25,463)</b>	<b>6,581</b>
<b>Total comprehensive income for the year</b>		<b>62</b>	<b>23,287</b>
<b>Profit/(loss) is attributable to:</b>			
Owners of the Company		26,155	14,739
Non-controlling interests		(630)	1,967
<b>Profit for the year</b>		<b>25,525</b>	<b>16,706</b>
<b>Total comprehensive income is attributable to:</b>			
Owners of the Company		851	21,271
Non-controlling interests		(789)	2,016
<b>Total comprehensive income for the year</b>		<b>62</b>	<b>23,287</b>
<b>Earnings per share</b>			
Basic (expressed in Russian Roubles)	26	656.21	367.12
Diluted (expressed in Russian Roubles)	26	656.21	367.12



**Public Joint Stock Company “Acron”**  
**Consolidated Statement of Cash Flows for the year ended 31 December 2016**  
*(in millions of Russian Roubles)*



	Note	2016	2015
<b>Cash flows from operating activities</b>			
Profit for the period		25,525	16,706
<i>Adjustments for:</i>			
Income tax expense	27	5,962	4,167
Income tax expense/(income) on discontinued operation	28	372	(313)
Depreciation and amortisation	21	6,095	4,217
Depreciation and amortisation on discontinued operation		356	377
Impairment losses of property, plant and equipment, net	9	-	114
(Reversal of)/ provision for impairment of accounts receivable		(17)	220
Reversal of provision for inventory obsolescence	8	-	(406)
(Gain)/loss on disposal of investments		(5,389)	31
Loss on exploration permits		-	1,117
Share of profit of equity-accounted investees	13	(1,544)	(2,241)
Loss on disposal of property, plant and equipment		213	715
Interest expense		4,573	4,067
Interest expense on discontinued operation		144	302
Interest income	24	(521)	(775)
Loss on derivatives, net		1,803	3,700
Dividend income	24	(270)	-
Gain on disposal of discontinued operation		(122)	-
Derecognition of equity accounted investee		(3,268)	-
Unrealised foreign exchange effect on non-operating balances		(7,228)	9,294
<b>Operating cash flows before working capital changes</b>		<b>26,684</b>	<b>41,292</b>
Decrease in gross trade receivables		1,036	805
Decrease in advances to suppliers		592	316
(Increase)/decrease in other receivables		(1,065)	261
Decrease/(increase) in inventories		2,533	(3,507)
Increase in other current assets		(17)	(441)
Increase in trade payables		286	634
(Decrease)/increase in other payables		(817)	1,746
(Decrease)/increase in advances from customers		(1,442)	2,685
Increase in other current liabilities		13	432
<b>Cash generated from operations before income taxes and interest paid</b>		<b>27,803</b>	<b>44,223</b>
Income taxes paid		(3,929)	(2,478)
Interest paid		(5,772)	(5,214)
<b>Net cash generated from operating activities</b>		<b>18,102</b>	<b>36,531</b>
<b>Cash flows from investing activities</b>			
Purchase of property, plant and equipment and intangible assets		(12,128)	(15,107)
Proceeds from loans repaid		-	162
Interest received		459	709
Dividends received		270	-
Proceeds from sale of available-for-sale investments		6,575	-
Purchase of available-for-sale investments		(694)	-
Net cash outflow from disposal of discontinued operation	28	(875)	-
Other proceeds		34	51
Net change in other non-current assets and liabilities		(186)	(633)
<b>Net cash used in investing activities</b>		<b>(6,545)</b>	<b>(14,818)</b>
<b>Cash flows from financing activities</b>			
Acquisition of non-controlling interest		(9,012)	(237)
Dividends paid to shareholders of the Company	18	(13,345)	(5,565)
Dividends paid to non-controlling shareholders		(72)	(45)
Acquisition of treasury shares	18	(442)	(765)
Proceeds from borrowings		27,031	55,844
Repayment of borrowings		(14,771)	(72,348)
<b>Net cash generated (used in)/from financing activities</b>		<b>(10,611)</b>	<b>(23,116)</b>
<b>Net increase/(decrease) in cash and cash equivalents</b>		<b>946</b>	<b>(1,403)</b>
Cash and cash equivalents at 1 January		30,421	24,773
Effect of movements in exchange rates on cash and cash equivalents		(4,199)	7,051
<b>Cash and cash equivalents at the end of the year</b>	<b>6</b>	<b>27,168</b>	<b>30,421</b>



**Public Joint Stock Company "Acron"**  
**Consolidated Statement of Changes in Equity for the year ended 31 December 2016**  
*(in millions of Russian Roubles)*

	Capital and reserves attributable to the Company's owners						Non-controlling interests	Total equity
	Share capital	Treasury shares	Retained earnings	Revaluation reserve	Other reserves	Cumulative currency translation difference		
<b>Balance at 1 January 2015</b>	<b>3,046</b>	<b>(1)</b>	<b>51,816</b>	<b>2,686</b>	<b>(446)</b>	<b>13,411</b>	<b>23,261</b>	<b>93,773</b>
<b>Total comprehensive income</b>								
Profit for the year	-	-	14,739	-	-	-	1,967	16,706
<i>Other comprehensive income</i>								
Fair value gains on available-for-sale investments (Note 12)	-	-	-	1,333	-	-	-	1,333
Currency translation differences	-	-	-	-	-	5,466	49	5,515
Income tax recorded in other comprehensive income (Note 27)	-	-	-	(267)	-	-	-	(267)
<b>Total other comprehensive income</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,066</b>	<b>-</b>	<b>5,466</b>	<b>49</b>	<b>6,581</b>
<b>Total comprehensive income for the year</b>	<b>-</b>	<b>-</b>	<b>14,739</b>	<b>1,066</b>	<b>-</b>	<b>5,466</b>	<b>2,016</b>	<b>23,287</b>
Dividends declared (Note 18)	-	-	(5,565)	-	-	-	(45)	(5,610)
Acquisition of non-controlling interest of PJSC Dorogobuzh	-	-	183	-	-	-	(420)	(237)
Acquisition of treasury shares	-	(2)	-	-	(763)	-	-	(765)
Other	-	-	(650)	-	-	-	-	(650)
<b>Total transactions with Company's owners</b>	<b>-</b>	<b>(2)</b>	<b>(6,032)</b>	<b>-</b>	<b>(763)</b>	<b>-</b>	<b>(465)</b>	<b>(7,262)</b>
<b>Balance at 31 December 2015</b>	<b>3,046</b>	<b>(3)</b>	<b>60,523</b>	<b>3,752</b>	<b>(1,209)</b>	<b>18,877</b>	<b>24,812</b>	<b>109,798</b>
<b>Balance at 1 January 2016</b>	<b>3,046</b>	<b>(3)</b>	<b>60,523</b>	<b>3,752</b>	<b>(1,209)</b>	<b>18,877</b>	<b>24,812</b>	<b>109,798</b>
<b>Total comprehensive income</b>								
Profit for the year	-	-	26,155	-	-	-	(630)	25,525
<i>Other comprehensive income</i>								
Fair value gains on available-for-sale investments (Note 12)	-	-	-	(7,635)	-	-	-	(7,635)
Other comprehensive loss of equity-accounted investees	-	-	-	-	-	(150)	-	(150)
Disposal of fair value revaluation gain on available-for-sale investments	-	-	-	(4,690)	-	-	-	(4,690)
Currency translation differences	-	-	-	-	-	(5,487)	(159)	(5,646)
Income tax recorded in other comprehensive income (Note 27)	-	-	-	938	-	-	-	938
Reclassification of currency translation differences to profit or loss (Notes 13 and 28)	-	-	-	-	-	(8,280)	-	(8,280)
<b>Total other comprehensive income</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(11,387)</b>	<b>-</b>	<b>(13,917)</b>	<b>(159)</b>	<b>(25,463)</b>
<b>Total comprehensive income for the year</b>	<b>-</b>	<b>-</b>	<b>26,155</b>	<b>(11,387)</b>	<b>-</b>	<b>(13,917)</b>	<b>(789)</b>	<b>62</b>
Acquisition of non-controlling interest (Note 20)	-	-	(4,894)	-	-	-	(4,118)	(9,012)
Dividends declared (Note 18)	-	-	(13,345)	-	-	-	(72)	(13,417)
Acquisition of treasury shares	-	(1)	-	-	(441)	-	-	(442)
Disposal of subsidiary (Note 28)	-	-	-	-	-	-	733	733
<b>Total transactions with Company's owners</b>	<b>-</b>	<b>(1)</b>	<b>(18,239)</b>	<b>-</b>	<b>(441)</b>	<b>-</b>	<b>(3,457)</b>	<b>(22,138)</b>
<b>Balance at 31 December 2016</b>	<b>3,046</b>	<b>(4)</b>	<b>68,439</b>	<b>(7,635)</b>	<b>(1,650)</b>	<b>4,960</b>	<b>20,566</b>	<b>87,722</b>

## **1 Acron Group and its Operations**

These consolidated financial statements for the year ended 31 December 2016 comprise Public Joint Stock Company “Acron” (the “Company” or “Acron”) and its subsidiaries (together referred to as the “Group” or “Acron Group”). The Company’s shares are traded on the Moscow and London Stock Exchange.

The Group’s principal activities include the manufacture, distribution and sale of chemical fertilisers and related mineral primary and by-products. The Group’s manufacturing facilities are primarily based in the Novgorodskaya, Smolenskaya, and Murmanskaya regions of Russia.

The Company’s registered office is at Veliky Novgorod, 173012, Russian Federation.

As at 31 December 2016, the Group’s immediate parent company is Redbrick Investments S.a.r.l. (Luxembourg). In 2016 and 2015 the Group’s ultimate parent is Subero Associates Inc. (British Virgin Islands). The Group is ultimately controlled by Mr. Viatcheslav Kantor.

## **2 Basis of accounting**

**Basis of preparation.** These consolidated financial statements have been prepared in accordance with, and comply with, International Financial Reporting Standards (“IFRS”) under the historical cost convention except as modified by the fair value revaluation of derivatives, available-for-sale and trading investments.

**Functional and presentation currency.** Functional currency of the Group’s consolidated financial statements is the currency of the primary economic environment in which the Group operates. Company’s functional currency and presentation currency is the national currency of the Russian Federation - Russian Rouble (RUB).

Unless otherwise indicated, all financial information presented in these consolidated financial statements are presented in millions of Russian Roubles (RUB). These consolidated financial statements have been prepared based on the statutory records, with adjustments and reclassifications recorded for the fair presentation in accordance with IFRS.

## **3 Critical Accounting Estimates, and Judgments in Applying Accounting Policies**

The preparation of consolidated financial statements in conformity with IFRSs requires management to make judgments, 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 those estimates.

Estimates and judgements are continually evaluated and are based on management’s experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances. Management also makes certain judgements, apart from those involving estimations, in the process of applying the accounting policies. Judgements that have the most significant effect on the amounts recognised in the financial statements and estimates that can cause a significant adjustment to the carrying amount of assets and liabilities within the next financial year.

Information about critical judgments in applying accounting policies that have the most significant effect on the amounts recognised in the consolidated financial statements is included in the following notes:

**Evaluation of put/call options for JSC Verkhnekamsk Potash Company (JSC VPC) shares.** The fair value of stock options is estimated based on Black–Scholes Option Pricing Model which was developed for use in estimating the fair value of short and medium term options on quoted shares. Option pricing method requires use of subjective inputs and assumptions including expected volatility of the share price and share spot price at the date of valuation. Since JSC VPC shares are not publicly traded, expected volatility was determined based on historical stock quotes of companies in the same industry, and an estimate of the spot price of the shares was made on the basis of discounted cash flows attributable to JSC VPC. The value of the long-term options calculated using the model was further adjusted to exclude the effect of presumed overestimation (Notes 14 and 31).

**Accounting treatment for put options, that will be regulated by the Company’s shares.** In 2012 and 2014 the Group sold shares of JSC VPC to the non-controlling shareholders linked to put options, which gave the right to the non-controlling shareholders to sell their shares back to the Group in exchange for the variable amount of shares in PJSC Acron. Because at the option exercise date the Group does not have obligation to deliver cash or another financial asset, the subsidiary’s shares that are held by non-controlling interest holders were presented in equity as non-controlling interests and the put options were recognised as derivative financial liabilities (Note 18).

**Impairment of subsoil licenses and related costs.** The Group performed annual impairment test of mining licence and related costs of JSC VPC. The recoverable amount of the cash-generating unit (CGU) was determined based on value-in-use calculations as at 30 November 2016. These calculations used cash flow projections based on financial budgets approved by management and incorporating expected market prices for key fertilisers for the same period according to leading industry publications. The growth rate did not exceed the long-term average growth rate for the business sector of the economy in which the CGU operates. The discount rate used reflected the risks inherent in this CGU, as further disclosed in Note 10.

**Capitalisation of borrowing costs for subsoil licenses.** Subsoil licenses represent part of investment projects for development of mineral deposits that necessarily take a substantial time to get ready for intended use. Accordingly, management considers exploration rights as qualifying assets for capitalization of borrowing costs. Management assesses whether capitalisation of borrowing costs shall be continued during periods when active development is interrupted while substantial design or technical work is carried out (Note 10).

**Functional currency of foreign operation.** On 18 May 2016, the Group reduced its ownership in the company Grupa Azoty S.A to 19.82%. As a result, the Group’s significant influence over the investee effectively ceased and the Group discontinued equity accounting (refer Note 13). Management exercised professional judgement and concluded that following this transaction, related foreign operation was no longer active. Given the fact that, in the context of IAS 21, management had no immediate plans to resume substantial activity, foreign activities were effectively ceased. Operations of related foreign legal entities registered in Luxembourg and Cyprus in substance represent a passive activity related to holding investment portfolio within the economic environment of the Company. With regard to the above, management concluded that the functional currency of these entities should be the Russian Rouble.

#### **4 Segment Information**

The Group prepares its segment analysis in accordance with IFRS 8, Operating Segments. Operating segments are components that engage in business activities that capable to earn revenues or incur expenses, whose operating results are regularly reviewed by the chief operating decision maker(s) (“CODM”) and for which discrete financial information is available. The CODM is the person or group of persons who allocates resources and assesses the performance for the entity. The functions of CODM are performed by the Management Board of the Group.

The development and approval of strategies, market situation analysis, the risk assessment, investment focus, technological process changes, goals and priorities are set and assessed in line with the current segment structure of the Group:

- Acron – representing manufacturing and distribution of chemical fertilisers by PJSC Acron;
- Dorogobuzh – representing manufacturing and distribution of chemical fertilisers by PJSC Dorogobuzh;
- Logistics – representing transportation and logistic services rendered by Estonian ports of the Group and some minor transportation companies in Russia. Constitutes an aggregation of a number of operating segments;
- Trading – representing overseas & domestic distribution companies of the Group;
- Mining NWPC – representing production of apatite-nepheline ore and subsequent processing in apatite concentrate;
- Mining excluding NWPC - comprise mining entities JSC VPC, North Atlantic Potash Inc. and other assets in Canada being at the stage of development, exploration and evaluation;
- Other – representing certain logistic (other than included in logistic segment), service, agriculture and management operations.

Due to disposal in 2016 of subsidiary Hongri Acron (Note 28) and cease of significant influence over equity investee Grupa Azoty S.A. (Note 13) the corresponding segments were excluded from the segment structure of 2015 with related change of corresponding figures

The Group’s segments are strategic business units that focus on different customers. They are managed separately because each business unit has significant business and risk profile.

Segment financial information is presented and reviewed by the CODM based on the IFRS and includes revenues from sales and EBITDA.

The CODM evaluates performance of each segment based on measure of operating profit adjusted by depreciation and amortisation, foreign exchange gain or loss, other non-cash and extraordinary items (EBITDA). Since this term is not a standard IFRS measure Acron Group’s definition of EBITDA may differ from that of other companies.

**Public Joint Stock Company "Acron"**

**Notes to the Consolidated Financial Statements for the year ended 31 December 2016**

(in millions of Russian Roubles, except for per share amounts)

Information for the reportable segments for the year ended 31 December 2016 is set out below:

	Segment sales	Eliminable intersegment sales	External sales	EBITDA
Acron	50,216	(44,410)	5,806	15,928
Dorogobuzh	23,275	(13,628)	9,647	6,198
Logistics	3,803	(3,431)	372	738
Trading	72,504	(2,468)	70,036	554
Mining NWPC	12,108	(9,034)	3,074	6,903
Mining excluding NWPC	-	-	-	(345)
Other	2,248	(1,824)	424	(120)
<b>Total</b>	<b>164,154</b>	<b>(74,795)</b>	<b>89,359</b>	<b>29,856</b>

Information for the reportable segments for the year ended 31 December 2015 is set out below:

	Segment sales	Eliminable intersegment sales	External sales	EBITDA
Acron	50,382	(41,127)	9,255	21,963
Dorogobuzh	26,652	(17,005)	9,647	11,989
Logistics	3,748	(3,049)	699	840
Trading	72,181	(3,039)	69,142	851
Mining NWPC	9,820	(7,022)	2,798	5,479
Mining excluding NWPC	-	-	-	(89)
Other	2,452	(1,974)	478	(55)
<b>Total</b>	<b>165,235</b>	<b>(73,216)</b>	<b>92,019</b>	<b>40,978</b>

Reconciliation of EBITDA to Profit Before Tax:

	2016	2015
Operating Profit	20,898	38,426
Depreciation and amortisation	6,095	4,217
Foreign currency loss/(gain) on operating transactions, net	2,650	(3,497)
Loss on exploration permits	-	1,117
Loss on disposal of property, plant and equipment	213	715
<b>Total consolidated EBITDA</b>	<b>29,856</b>	<b>40,978</b>

Information about geographical areas:

The geographic information below analyses the Group's revenue and non-current assets. In presenting the following information, segment revenue has been based on the geographic location of customers and segment assets were based on the geographic location of the assets.

	2016	2015
<b>Revenue</b>		
Russia	20,379	19,744
European Union	11,709	11,561
Commonwealth of Independent States	8,987	8,030
USA and Canada	8,837	11,258
Latin America	18,132	17,375
PRC	6,599	10,303
Asia (excluding PRC)	8,694	11,006
Other regions	6,022	2,742
<b>Total</b>	<b>89,359</b>	<b>92,019</b>

	2016	2015
<b>Non-current assets</b>		
Russia	110,356	102,905
PRC	-	7,000
Canada	3,922	4,456
Estonia	4,092	5,480
<b>Total</b>	<b>118,370</b>	<b>119,841</b>

Non-current assets represent non-current assets other than financial instruments, investment in equity accounted investees and deferred tax assets.

There are no individual customers contributing 10% or more to the total revenues.

**Public Joint Stock Company "Acron"****Notes to the Consolidated Financial Statements for the year ended 31 December 2016***(in millions of Russian Roubles, except for per share amounts)***5 Balances and Transactions with Related Parties**

Related parties are defined in IAS 24, Related Party Disclosures. Parties are generally considered to be related if one party has the ability to control the other party, is under common control, or can exercise significant influence or joint control over the other party in making financial and operational decisions. In considering each possible related party relationship, attention is directed to the substance of the relationship, not merely the legal form.

The nature of the related party relationships for those related parties with whom the Group entered into significant transactions or had significant balances outstanding at 31 December 2016 and 2015 are detailed below.

The following turnovers and balances arise from transactions with related parties:

**i Balances with related parties**

<b>Statement of financial position caption</b>	<b>Note</b>	<b>Relationship</b>	<b>2016</b>	<b>2015</b>
Trade receivables, gross	7	Companies under common control	6	8
Trade payables	15	Companies under common control	(4)	(4)

**ii Transactions with related parties**

	<b>Note</b>	<b>Relationship</b>	<b>2016</b>	<b>2015</b>
Sales of chemical fertilisers	4	Companies under common control	13	15
Purchases of raw materials	21	Companies under common control	(70)	(66)
Charity	25	Companies under common control	(63)	-

**iii Key management personnel compensation**

Total key management personnel compensation in the amount of RUB 1,445 (2015: RUB 852) was recorded in general and administrative expenses. Related state social and pension costs amounted to RUB 221 (2015: RUB 132).

**6 Cash and Cash Equivalents**

	<b>2016</b>	<b>2015</b>
Cash on hand and bank balances denominated in RUB	7,954	2,910
Bank balances denominated in USD	17,320	22,883
Bank balances denominated in EUR	1,367	2,405
Bank balances denominated in CNY	313	2,116
Bank balances denominated in other foreign currencies	214	107
<b>Total cash and cash equivalents</b>	<b>27,168</b>	<b>30,421</b>

Cash and cash equivalents include term deposits of RUB 20,414 (2015: RUB 18,441).

The fair value of cash, cash equivalents and irrevocable deposits is equal to their carrying amount. All bank balances and term deposits are neither past due nor impaired. Analysis of the credit quality of bank balances and term deposits is as follows:

	<b>2016</b>	<b>2015</b>
A to AAA* rated	2,406	1,633
BBB- to BBB+* rated	11,328	23,398
BB- to BB+* rated	12,280	53
Ba2**	797	3,229
Chinese banks with top internal credit ratings	-	1,801
Unrated	357	307
<b>Total</b>	<b>27,168</b>	<b>30,421</b>

\* Based on the credit ratings of Fitch Ratings, an independent rating agency.

\*\* Based on the credit ratings of Moody's, an independent rating agency.

**Public Joint Stock Company "Acron"****Notes to the Consolidated Financial Statements for the year ended 31 December 2016***(in millions of Russian Roubles, except for per share amounts)***7 Accounts Receivable**

	<b>2016</b>	<b>2015</b>
Trade accounts receivable	1,490	2,851
Notes receivable	138	530
Other accounts receivable	265	772
Short-term loans receivable	-	5
Impairment provision	(41)	(572)
<b>Total financial assets</b>	<b>1,852</b>	<b>3,586</b>
Advances to suppliers	1,486	2,353
Value-added tax recoverable	4,350	3,375
Income tax prepayments	654	1,505
Other taxes receivable	258	177
Impairment provision	(34)	(43)
<b>Total accounts receivable</b>	<b>8,566</b>	<b>10,953</b>

The fair value of accounts receivable does not differ significantly from their carrying amounts.

As at 31 December 2016, trade and other accounts receivable of RUB 41 (31 December 2015: RUB 572) were individually impaired and an impairment provision was recognised. The individually impaired receivables mainly relate to customers that are in unexpectedly difficult economic situations.

The aging of trade and other accounts receivable is as follows:

	<b>Gross 2016</b>	<b>Impairment 2016</b>	<b>Gross 2015</b>	<b>Impairment 2015</b>
Not past due	1,691	-	2,996	-
Past due for less than 3 months	-	-	-	-
Past due from 3 to 9 months	9	(2)	83	(31)
Past due from 9 to 12 months	5	(3)	13	(13)
Past due over 12 months	50	(36)	531	(528)
<b>Total</b>	<b>1,755</b>	<b>(41)</b>	<b>3,623</b>	<b>(572)</b>

The movements in the provision for impairment of trade and other accounts receivable are as follows:

	<b>2016</b>	<b>2015</b>
<b>Provision for impairment at 1 January</b>	<b>(572)</b>	<b>(336)</b>
Provision for impairment	(3)	(241)
Provision used	6	5
Disposal of provision on discontinued operation	528	-
<b>Provision for impairment at 31 December</b>	<b>(41)</b>	<b>(572)</b>

As at 31 December 2016, the Group hold collateral as security for trade receivable in the amount of RUR 627 (2015.: RUB 892).

Besides trade accounts receivable and advances to suppliers, the other classes within accounts receivable do not contain impaired assets.

**8 Inventories**

	<b>2016</b>	<b>2015</b>
Raw materials and spare parts, including	8,174	8,713
Work in progress	304	656
Finished products	5,975	8,431
	<b>14,453</b>	<b>17,800</b>

Raw materials are shown net of obsolescence provision of RUB 120 (2015: RUB 129). No inventory was pledged as security at 31 December 2016 and 2015.



## 9 Property, Plant and Equipment

	Buildings and constructions	Plant and equipment	Transport	Other	Land	Mining and primary ore dressing assets	Mining assets under construction	Assets under construction	Total
<b>Cost</b>									
<b>Balance at 1 January 2016</b>	<b>27,642</b>	<b>34,815</b>	<b>5,097</b>	<b>2,636</b>	<b>2,583</b>	<b>24,648</b>	<b>10,483</b>	<b>27,574</b>	<b>135,478</b>
Additions	-	-	-	-	-	-	3,761	8,943	12,704
Reclassification	14,331	13,989	289	435	11	1,322	(1,322)	(29,055)	-
Transfers	(161)	(443)	(114)	(22)	-	(69)	-	-	(809)
Disposals	(3,199)	(8,396)	(243)	(205)	-	-	-	(674)	(12,717)
Translation difference	(1,183)	(1,942)	(29)	(50)	-	-	-	(75)	(3,279)
<b>Balance at 31 December 2016</b>	<b>37,430</b>	<b>38,023</b>	<b>5,000</b>	<b>2,794</b>	<b>2,594</b>	<b>23,505</b>	<b>15,318</b>	<b>6,713</b>	<b>131,377</b>
<b>Accumulated Depreciation</b>									
<b>Balance at 1 January 2016</b>	<b>15,597</b>	<b>25,482</b>	<b>2,448</b>	<b>990</b>	-	<b>4,986</b>	-	-	<b>49,503</b>
Depreciation charge	1,455	1,786	345	225	-	1,952	-	-	5,763
Depreciation charge on discontinued operation	53	280	12	11	-	-	-	-	356
Disposals	(133)	(349)	(68)	(17)	-	(29)	-	-	(596)
Disposals charge on discontinued operation	(976)	(5,124)	(87)	(125)	-	-	-	-	(6,312)
Translation difference	(404)	(1,062)	(10)	(34)	-	-	-	-	(1,510)
<b>Balance at 31 December 2016</b>	<b>15,592</b>	<b>21,013</b>	<b>2,640</b>	<b>1,050</b>	-	<b>6,909</b>	-	-	<b>47,204</b>
<b>Accumulated Impairment Loss</b>									
<b>Balance at 1 January 2016</b>	<b>483</b>	<b>782</b>	-	<b>7</b>	-	-	-	<b>23</b>	<b>1,295</b>
Disposals	(434)	(702)	-	(6)	-	-	-	(12)	(1,154)
Translation difference	(49)	(80)	-	(1)	-	-	-	(11)	(141)
<b>Balance at 31 December 2016</b>	-	-	-	-	-	-	-	-	-
<b>Net Book Value</b>									
<b>Balance at 1 January 2016</b>	<b>11,562</b>	<b>8,551</b>	<b>2,649</b>	<b>1,639</b>	<b>2,583</b>	<b>19,662</b>	<b>10,483</b>	<b>27,551</b>	<b>84,680</b>
<b>Balance at 31 December 2016</b>	<b>21,838</b>	<b>17,010</b>	<b>2,360</b>	<b>1,744</b>	<b>2,594</b>	<b>16,596</b>	<b>15,318</b>	<b>6,713</b>	<b>84,173</b>





	Buildings and constructions	Plant and equipment	Transport	Other	Land	Mining and primary ore dressing assets	Mining assets under construction	Assets under construction	Total
<b>Cost</b>									
<b>Balance at 1 January 2015</b>	<b>26,209</b>	<b>31,550</b>	<b>4,967</b>	<b>2,373</b>	<b>2,590</b>	<b>22,624</b>	<b>9,669</b>	<b>16,807</b>	<b>116,789</b>
Additions	-	-	-	-	-	-	2,919	13,290	16,209
Reclassification	-	-	-	-	-	-	-	-	-
Transfers	276	1,729	71	245	-	2,105	(2,105)	(2,321)	-
Disposals	(221)	(304)	(285)	(36)	(7)	(81)	-	(285)	(1,219)
Translation difference	1,378	1,840	344	54	-	-	-	83	3,699
<b>Balance at 31 December 2015</b>	<b>27,642</b>	<b>34,815</b>	<b>5,097</b>	<b>2,636</b>	<b>2,583</b>	<b>24,648</b>	<b>10,483</b>	<b>27,574</b>	<b>135,478</b>
<b>Accumulated Depreciation</b>									
<b>Balance at 1 January 2015</b>	<b>14,630</b>	<b>22,872</b>	<b>2,123</b>	<b>820</b>	-	<b>2,833</b>	-	-	<b>43,278</b>
Depreciation charge	776	1,605	326	158	-	2,163	-	-	5,028
Disposals	(214)	(138)	(119)	(23)	-	(10)	-	-	(504)
Translation difference	405	1,143	118	35	-	-	-	-	1,701
<b>Balance at 31 December 2015</b>	<b>15,597</b>	<b>25,482</b>	<b>2,448</b>	<b>990</b>	-	<b>4,986</b>	-	-	<b>49,503</b>
<b>Accumulated Impairment Loss</b>									
<b>Balance at 1 January 2015</b>	<b>379</b>	<b>563</b>	-	<b>6</b>	-	-	-	<b>11</b>	<b>959</b>
Impairment	20	94	-	-	-	-	-	-	114
Translation difference	84	125	-	1	-	-	-	12	222
<b>Balance at 31 December 2015</b>	<b>483</b>	<b>782</b>	-	<b>7</b>	-	-	-	<b>23</b>	<b>1,295</b>
<b>Net Book Value</b>									
<b>Balance at 1 January 2015</b>	<b>11,200</b>	<b>8,115</b>	<b>2,844</b>	<b>1,547</b>	<b>2,590</b>	<b>19,791</b>	<b>9,669</b>	<b>16,796</b>	<b>72,552</b>
<b>Balance at 31 December 2015</b>	<b>11,562</b>	<b>8,551</b>	<b>2,649</b>	<b>1,639</b>	<b>2,583</b>	<b>19,662</b>	<b>10,483</b>	<b>27,551</b>	<b>84,680</b>

**Public Joint Stock Company "Acron"****Notes to the Consolidated Financial Statements for the year ended 31 December 2016***(in millions of Russian Roubles, except for per share amounts)*

Included in the 2016 additions to assets under constructions is approximately RUB 1,090 of capitalised borrowing costs in accordance with IAS 23, Borrowing costs (2015: RUB 1,056) at the average borrowing rate of 6.88% (2015: 4.27%).

At 31 December 2016, no pledges over property, plant and equipment. At 31 December 2015, assets under property, plant and equipment with a net book value of RUB 2,712 had been pledged as security for long-term loans (Note 17).

No impairment loss in respect of individual assets was recognised (2015: loss RUB 114).

**Non-current assets impairment test.** Cash-generating units (CGUs) represent the lowest level within the Group at which the goodwill is monitored by management and which are not larger than a segment.

Management concluded that there were impairment indicators for CGUs as at on 31 December 2016, except for JSC VPC, where development phase determines the necessity to perform impairment testing. Goodwill is tested for impairment subject to IFRS requirements to perform annual impairment test for goodwill.

**10 Subsoil licences and related costs****Licence of JSC Verkhnekamsk Potash Company (JSC VPC)**

In May 2008, the Group's subsidiary, JSC VPC, following an auction process, acquired a license for the exploration and development of the Talitsky section of the Verkhnekamsk potash deposit, located in Perm region, Russian Federation. The license expires in April 2053. In 2016 JSC VPC agreed on a technical project for the development of the Talitsky section. In accordance with the amended conditions of the license changed in 2016 JSC VPC has the commitment that no later than 2025 the mine output shall be brought to a designed capacity levels.

The Group did not capitalise borrowing costs during the reporting period (2015: nil). In 2016 the Group finished project documentation. The capitalisation of interest on loans will be continued after the resumption of active construction phase.

**Permits for exploration**

At 31 December 2016, the Group holds 11 permits to explore for potash deposits in the Canadian province of Saskatchewan for RUB 3,921 (31 December 2015: RUB 4,454). Permits expired in 2016 and following exploration results the Group used a preferential right for registration of exploration licenses. The Group considered unpromising the development of several permits in the amount of RUB 1,117 and made impairment provision in 2015.

	<b>2016</b>	<b>2015</b>
<b>Cost</b>		
<b>Balance at 1 January</b>	<b>33,372</b>	<b>32,114</b>
Additions	514	719
Currency translation difference	(644)	539
<b>Balance at 31 December</b>	<b>33,242</b>	<b>33,372</b>
<b>Accumulated Amortisation and Impairment Loss</b>		
<b>Balance at 1 January</b>	<b>(1,140)</b>	<b>(11)</b>
Amortisation charge	(12)	(12)
Impairment	-	(1,117)
<b>Balance at 31 December</b>	<b>(1,152)</b>	<b>(1,140)</b>
<b>Net Book Value</b>		
<b>Balance at 1 January</b>	<b>32,232</b>	<b>32,103</b>
<b>Balance at 31 December</b>	<b>32,090</b>	<b>32,232</b>

Exploration and evaluation expenditure comprise of:

	<b>2016</b>	<b>2015</b>
Apatite-nepheline deposits (production / development stage)	836	848
Potash deposits (development stage)	26,211	26,211
Permits for exploration (exploration and evaluation stage)	3,921	4,454
License and expenditure on deposit in exploration and evaluation stage	852	469
Asset related to the discharge of license obligations	270	250
	<b>32,090</b>	<b>32,232</b>

**Public Joint Stock Company "Acron"**  
**Notes to the Consolidated Financial Statements for the year ended 31 December 2016**  
*(in millions of Russian Roubles, except for per share amounts)*

**Impairment test of JSC VPC**

Assets related to JSC VPC are in development stage, therefore Group's management performed annual testing of this cash-generating unit (CGU) for impairment as at 30 November 2016. The management believes that in December of 2016 there were no events requiring repeating of impairment testing as at 31 December 2016.

The recoverable amount of each CGU was determined based on value-in-use calculations. These calculations use cash flow projections, prepared in nominal terms, based on financial budgets approved by management. The growth rates do not exceed the long-term average growth rate for the business sector of the economy in which the CGU operates.

Based on the results of these calculations the Group concluded that no impairment charge was required. The key assumptions used for value-in-use calculations are as follows:

	<b>30 November 2016</b>	<b>30 September 2015</b>
EBITDA margin range over the forecast period	73-78%	72-76%
Growth rate beyond forecast period	3%	2%
Start of production	2021	2019
Discount rate	13.1%	13.6%

Management determined budgeted EBITDA margin based on peers performance and its most realistic expectations of market development. The weighted average growth rates used are consistent with the forecasts included in industry reports. The discount rates used are after-tax, reflect specific risks relating to the relevant segments and were estimated on the weighted average cost of capital basis.

The estimated recoverable amount of the CGU exceeded its carrying value by approximately RUB 38,898 (31 December 2015: RUB 52,450). Management identified that the recoverable amount is strongly dependent on changes in export price expressed in rubles and discount rates. Decrease of over 23% (2015: over 26%) in the export prices or increase of over 3.8 percentage points (2015: over 5.3 percentage points) in the discount rate used would have caused the recoverable amount to equal the carrying amount.

**11 Goodwill**

	<b>2016</b>	<b>2015</b>
Cost and carrying amount at 1 January	1,267	1,267
Cost and carrying amount at 31 December	1,267	1,267

Goodwill is allocated to cash-generating units (CGUs) which represent the lowest level within the Group at which the goodwill is monitored by management and which are not larger than a segment as follows:

	<b>2016</b>	<b>2015</b>
LLC Andrex	52	52
PJSC Dorogobuzh / CGU Dorogobuzh	972	972
AS DBT / CGU DBT	243	243
<b>Total carrying amount of goodwill</b>	<b>1,267</b>	<b>1,267</b>

The recoverable amount of each CGU was determined based on value-in-use calculations. These calculations use cash flow projections, prepared in nominal terms, based on financial budgets approved by management covering a five year period. The growth rates do not exceed the long-term average growth rate for the business sector of the economy in which the CGU operates.

Based on the results of these calculations the Group concluded that no impairment charge was required for major CGUs in 2016.

The key assumptions used for value-in-use calculations in 2016 are as follows:

- EBITDA margin range over the forecast period: 9%-19% (2015: 15%-29%);
- Growth rate beyond five years: 3.2% (2015: 5%);
- Discount rate: 13% (2015: 13%).

Management determined budgeted EBITDA margin based on past performance and its most realistic expectations of market development. The weighted average growth rates used are consistent with the forecasts included in industry reports. The discount rates used are after-tax, reflect specific risks relating to the relevant segments and were estimated on the weighted average cost of capital basis.

As the result of the annual testing performed at 31 December 2016 there was no need to recognise impairment of goodwill, as there would be no such need if the projected sales growth rate used in calculating the value in use for each cash-generating unit would be 3.6% (2015: 2.0%) less than management estimates. Impairment would also be not recognised if the estimated after-tax discount rate applied to the discounted cash flows for any CGU was 1.4% (2015: 6%) higher than management expectations.

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**12 Available-for-Sale Investments**

	<b>2016</b>	<b>2015</b>
<b>Balance at 1 January</b>	<b>4,956</b>	<b>3,632</b>
Fair value (loss)/gain recognised directly in OCI	(7,635)	1,333
Reclassification from equity accounted investments	25,783	-
Additions	694	-
Disposals	(5,833)	(9)
<b>Balance at 31 December</b>	<b>17,965</b>	<b>4,956</b>

The Group has investments in the following companies:

<b>Name</b>	<b>Activity</b>	<b>Country of registration</b>	<b>2016</b>	<b>2015</b>
<b>Current</b>				
PJSC Uralkali	Potash mining	Russia	-	4,808
<b>Total current</b>			<b>-</b>	<b>4,808</b>
<b>Non-current</b>				
Grupa Azoty S.A.	Fertilisers manufacture	Poland	17,824	-
Other		Russia	141	148
<b>Total non-current</b>			<b>17,965</b>	<b>148</b>
<b>Total</b>			<b>17,965</b>	<b>4,956</b>

In March 2016, the Group sold its stake in PJSC Uralkali to third parties.

Profit from disposal of investment of RUB 5,389 recognised in profit or loss of 2016 comprises accumulated revaluation reserve of RUB 4,690, the difference between received consideration and current value of disposed available-for-sale investments in amount of RUB 742, and also the loss on disposal of held for trading investments of RUB 43.

The fair value of investment in Grupa Azoty S.A. was determined by reference to their quoted market prices as at 31 December 2016. As at 31 December 2016 the share price of Grupa Azoty S.A. on Warsaw Stock Exchange was RUB 906.76.

**13 Investment in equity accounted investees**

In the second quarter of 2016 the Group reduced its ownership in the company Grupa Azoty S.A to 19.82%, and ceased application of the equity investee method which resulted in revaluation of investment to quoted prices as at the date of cease of significant influence. Simultaneously, the investment was reclassified to available-for-sale. The loss on change in valuation method amounting to RUB 3,616 was recognised in profit or loss. Also, management concluded that a derecognition of equity accounted investment triggered a prospective change of a functional currency of related foreign operation to Russian rouble as this operation effectively became a natural extension of the Group's Russian activities. As a result, cumulative currency translation difference related to this operation representing gain of RUB 6,884 was recognised in profit or loss.

The following table analyses, in aggregate, the carrying amount and share of profit and OCI of the associate.

	<b>2016</b>	<b>2015</b>
<b>Balance at 1 January</b>	<b>31,263</b>	<b>24,695</b>
Share of:		
– Profit from continuing operations	1,544	2,241
– OCI	(150)	(20)
Currency translation difference comprising in OCI	(3,255)	4,347
Disposal of shares	(3)	-
Derecognition of equity accounted investee	(3,616)	-
Reclassification to available-for-sale investments	(25,783)	-
<b>Balance at 31 December</b>	<b>-</b>	<b>31,263</b>

The Group's interest in its principal associate and its summarised financial information, including total assets, liabilities, revenues and profit or loss, were as follows:

31 March 2016:

<b>Name</b>	<b>Total assets</b>	<b>Total liabilities</b>	<b>Revenue</b>	<b>Profit/(loss)</b>	<b>% interest held</b>	<b>Country of incorporation</b>
Grupa Azoty S.A.	200,401	67,039	46,696	5,791	20%	Poland

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31 December 2015:

Name	Total assets	Total liabilities	Revenue	Profit/(loss)	% interest held	Country of incorporation
Grupa Azoty S.A.	201,551	68,092	162,389	11,205	20%	Poland

**14 Derivative Financial Assets and Liabilities**

In April 2016, PJSC Acron exercised call option and purchased 9.1% share in a subsidiary JSC VPC from Eurasian Development Bank for RUB 8,952, increasing Group's ownership to 60.1%. Other put and call options on JSC VPC shares are recognised within the shares issue to non-controlling interests. At 31 December 2016 the liabilities comprise put options giving the non-controlling shareholders the right to sell their 39.9% (31 December 2015: 49%) of JSC VPC shares back to the Group in 2017-2024. At 31 December 2016 the assets comprise call options, which give the Group the right to buy 19.9% of JSC VPC shares from non-controlling shareholders in 2017 (31 December 2015: 29% in 2016-2018) (Note 19).

After reporting date call option expired without execution.

	31 December 2016			
	Assets		Liabilities	
	Non-Current	Current	Non-Current	Current
Put/call options on JSC VPC shares	-	5,177	(8,443)	-
	-	5,177	(8,443)	-

	31 December 2015			
	Assets		Liabilities	
	Non-Current	Current	Non-Current	Current
Put/call options on JSC VPC shares	-	7,816	(9,282)	-
	-	7,816	(9,282)	-

**15 Accounts Payable**

	2016	2015
Trade accounts payable	4,335	5,632
Dividends payable	22	15
<b>Total financial payables</b>	<b>4,357</b>	<b>5,647</b>
Payables to employees	1,251	1,112
Accrued liabilities and other creditors	694	1,676
<b>Total accounts payable and accrued expenses</b>	<b>6,302</b>	<b>8,435</b>

**16 Other Taxes Payable**

	2016	2015
Value-added tax payable	201	680
Payroll taxes	203	302
Property and other taxes payable	214	151
Current income tax payable	335	289
	<b>953</b>	<b>1,422</b>

**Public Joint Stock Company "Acron"****Notes to the Consolidated Financial Statements for the year ended 31 December 2016***(in millions of Russian Roubles, except for per share amounts)***17 Short-Term and Long-Term Borrowings**

Borrowings consist of the following:

	<b>2016</b>	<b>2015</b>
Bonds issued	18,772	13,752
Credit lines	5,237	6,500
Term loans	55,108	61,354
	<b>79,117</b>	<b>81,606</b>

The Group's borrowings mature as follows:

	<b>2016</b>	<b>2015</b>
Borrowings due:		
- within 1 year	39,886	12,995
- between 1 and 5 years	38,820	67,989
- after 5 years	411	622
	<b>79,117</b>	<b>81,606</b>

The Group's borrowings are denominated in currencies as follows:

	<b>2016</b>	<b>2015</b>
Borrowings denominated in:		
- RUB	32,090	21,852
- EUR	4,061	5,261
- USD	42,966	49,849
- CNY	-	4,644
	<b>79,117</b>	<b>81,606</b>

The Group did not enter into any hedging arrangements in respect of its foreign currency obligations or interest rate exposures.

At 31 December 2016, unused credit lines available under the long-term loan facilities were RUB 26,881 (31 December 2015: RUB 24,400). The terms and conditions of unused credit lines are consistent with other borrowings.

The details of the significant short-term loan balances are summarised below:

	<b>2016</b>	<b>2015</b>
<b>Short-term borrowings</b>		
<b>RUB</b>		
Bonds with fixed interest rates of 11.6% (2015: 13.6%) per annum	10,000	3,752
Loans with fixed interest rates from 11% to 14% per annum	5,118	2,000
Loans with floating interest rates from the key rate of the Bank of Russia+1.4% to the key rate of the Bank of Russia+1.6% per annum	2,600	1,600
<b>EUR</b>		
Loans with floating interest rates from 6M EURIBOR+0.75% to 6M EURIBOR+2.85% per annum	1,911	582
Loans with fixed interest rates of 5.27% per annum	201	250
<b>USD</b>		
Loans with fixed interest rates from 3.95% to 5.61% per annum	764	189
Loans with floating interest rates from LIBOR O/N+2.5% to 1M LIBOR+4.6% per annum	19,292	-
<b>CNY</b>		
Loans with fixed interest rates from 5.22% to 7.5% per annum	-	4,622
<b>Total short-term borrowings</b>	<b>39,886</b>	<b>12,995</b>

**Public Joint Stock Company "Acron"****Notes to the Consolidated Financial Statements for the year ended 31 December 2016***(in millions of Russian Roubles, except for per share amounts)*

The details of the significant long-term loan balances are summarised below:

	<b>2016</b>	<b>2015</b>
<b>Long-term borrowings</b>		
<b>RUB</b>		
Bonds with fixed interest rates from 9.55% to 10.2% per annum	8,772	10,000
Loans with fixed interest rates from 12.65% to 14% per annum	-	4,000
Loans with floating interest rates from the key rate of the Bank of Russia +1.5% to the key rate of the Bank of Russia+2.5% per annum	5,600	500
<b>EUR</b>		
Loans with floating interest rates of 6M EURIBOR+0.75% to 6M EURIBOR+2.85% per annum	1,648	3,802
Loans with fixed interest rates of 5.27% per annum	301	627
<b>USD</b>		
Loans with fixed interest rates of 5.11% to 5.61% per annum	229	464
Loans with floating interest rates of 3M LIBOR+3.65% to 1M LIBOR+4.6% per annum	22,681	49,196
<b>CNY</b>		
Loans with fixed interest rates of 7.21% per annum	-	22
<b>Total long-term borrowings</b>	<b>39,231</b>	<b>68,611</b>

In May 2011, the Group placed through an offering to the public under an open subscription RUB non-convertible bonds with a face value of RUB 7,500 and redemption in May 2021. In 2012 the Group redeemed bonds in the amount of RUB 3,377. The holders of this bond issue were granted with an option to redeem the bonds in May 2015 and 2016 which resulted in early redemption of bonds for RUB 1,354. During the reporting period the Group placed again the bonds of this issue for RUB 1,354. At 31 December 2016 the Group's subsidiary PJSC Dorogobuzh held bonds in the amount of RUB 351.

In November 2015, the Group placed non-convertible interest-bearing documentary bonds in the amount of RUB 10,000 to be redeemed in November 2018. The bonds were placed at 11.6% with the option of early redemption in May 2017.

In October 2016, the Group placed non-convertible interest-bearing documentary bonds in the amount of RUB 5,000 to be redeemed in September 2026. The bonds were placed at 9.55% with the option of early redemption in October 2020.

All of the above bonds have been admitted to the quotation list B and are traded on Moscow Stock Exchange. The fair value of the outstanding bonds balance at 31 December 2016 was RUB 18,944 with reference to Moscow Stock Exchange quotations as of this date (31 December 2015: RUB 13,959).

Significant loan agreements contain certain covenants including those which require the Group and Group entities to maintain a minimum level of net assets, debt/EBITDA ratio. The loan agreements provide for the borrower's obligation to maintain the required level of inflows through the accounts opened with the lending banks. The loan agreements also contains a number of covenants and acceleration clause in case of the borrower's failure to fulfil its obligations under the loan agreements which include restrictions on significant transactions with assets. Also, these covenants permit the respective banks to directly debit the accounts opened by the debtors with the banks to ensure repayment of the loans.

**Public Joint Stock Company "Acron"****Notes to the Consolidated Financial Statements for the year ended 31 December 2016***(in millions of Russian Roubles, except for per share amounts)***18 Capital and reserves**

The total authorised number of ordinary shares is 40,534,000 shares (31 December 2015: 40,534,000) with a par value of RUB 5 per share. All authorised shares have been issued and fully paid.

Total number of outstanding shares comprises (par value is expressed in roubles per one share):

	No. of outstanding ordinary shares	No. of treasury shares	Total share capital	Treasury share capital	Outstanding share capital
<b>At 1 January 2015</b>	<b>40,534,000</b>	<b>(171,000)</b>	<b>3,046</b>	<b>(1)</b>	<b>3,045</b>
Redemption of treasury shares	-	-	-	-	-
Acquisition	-	(430,880)	-	(2)	(2)
<b>At 31 December 2015</b>	<b>40,534,000</b>	<b>(601,880)</b>	<b>3,046</b>	<b>(3)</b>	<b>3,043</b>
Redemption of treasury shares	-	-	-	-	-
Acquisition	-	(124,328)	-	(1)	(1)
<b>At 31 December 2016</b>	<b>40,534,000</b>	<b>(726,208)</b>	<b>3,046</b>	<b>(4)</b>	<b>(3,042)</b>

In 2016 interim dividend for the first half of 2016 was declared and paid in amount of RUB 155 per ordinary share and dividend for 2015 was declared and paid in amount of RUB 180 per ordinary share.

**Shares issue to non-controlling interest**

In 2012, the Group attracted third-party bank institutions (the banks) to financially co-invest in the project for the development of the Verkhnekamsk potassium-magnesium salts deposit located in Perm region of Russian Federation.

Initially the banks purchased equity interests in the Group's subsidiary JSC VPC totalling 38.05%. In 2013 the Group repurchased 10.95% of shares of JSC VPC, of which a major part was previously recognised as non-controlling interests. In February 2014 one more independent bank purchased 19.9% of shares of JSC VPC for RUB 6,673. For each of these deals call/put option agreements with banks were concluded. In April 2016 the Group exercised call option and purchased 9.1% share in a subsidiary JSC VPC from one of the banks for RUB 8,952. As the result the Group's ownership of JSC VPC as at 31 December 2016 was 60.1%.

In accordance with the agreements one of the banks have a right to sell shares of JSC VPC to the Group during October 2024 with premium, which is equivalent to percentage income of bank for loans with comparable terms calculated based on period of use and amount received (further "premium"). The other bank have an option to sell shares of JSC VPC to the Group with premium till May 2017.

In accordance with the agreements with the banks the Group has unconditional right to discharge of obligations by transfer to banks own shares (ordinary shares of PJSC Acron) in amount, calculated based on total amount of obligation and fair value of transferred at the date of discharge of obligation shares.

As at 31 December 2016, related financing received by the Group was recorded in structure of the Group equity as non-controlling interest in amount of RUB 17,399 (31 December 2015: 21,683).

Derivative financial instruments related to above share issues are disclosed in Note 14.

In accordance with the bank agreements the Group will also have to meet license conditions. Failure to meet those conditions in the future enables one of the banks to sell the share of JSC VPC back to the Group with a premium. Management does not believe that the above risks are significant.



**Public Joint Stock Company “Acron”**

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**19 Non-controlling Interests**

The following table summarises the information relating to each of the Group’s subsidiaries that has material non-controlling interest, before any intra group eliminations.

**As at 31 December 2016**

	JSC VPC	PJSC Dorogobuzh	Other individually immaterial subsidiaries	Intra-group elimination	Total
<b>Non-controlling interest percentage</b>	<b>39.9%</b>	<b>5.43%</b>			
Non-current assets	22,947	9,886			
Current assets	22,444	48,751			
Long-term liabilities	(1,652)	(3,314)			
Current liabilities	(132)	(13,782)			
<b>Net assets</b>	<b>43,607</b>	<b>41,541</b>			
Carrying amount of non-control interests	17,399	2,256	953	(42)	20,566
Revenue	-	23,275			
(Loss)/profit and total comprehensive income	(642)	7,685	-	-	-
(Loss)/profit attributed to non- controlling interest	(256)	417	791	-	(630)
Other comprehensive income attributed to non-control interest	-	-	(159)	-	(159)
Cash flows from operating activities	333	4,270			
Cash flows from/(used in) investment activities	5,211	(9,279)			
Cash flows from financing activities (dividends to non-controlling interests PJSC Dorogobuzh: 62)	-	4,060			
Net increase/(decrease) in cash and cash equivalents	5,544	(949)			
Effect of exchange rate changes	(1,891)	(1,158)			

**As at 31 December 2015**

	JSC VPC	PJSC Dorogobuzh	Other individually immaterial subsidiaries	Intra-group elimination	Total
<b>Non-controlling interest percentage</b>	<b>49%</b>	<b>5.53%</b>			
Non-current assets	22,277	11,174			
Current assets	23,571	38,917			
Long-term liabilities	(1,304)	(11,246)			
Current liabilities	(294)	(3,806)			
<b>Net assets</b>	<b>44,250</b>	<b>35,039</b>			
Carrying amount of non-control interests	21,683	1,938	1,241	(50)	24,812
Revenue	-	26,652			
Profit and total comprehensive income	4,201	8,349	-	-	
Profit attributed to non-controlling interest	2,058	504	(595)	-	1,967
Other comprehensive income attributed to non-control interest	-	-	49	-	49
Cash flows from operating activities	412	10,243			
Cash flows (used in)/from investment activities	(6,840)	4,669			
Cash flows used in financing activities (dividends to non-controlling interests PJSC Dorogobuzh: 17)	-	(13,268)			
Net (decrease)/increase in cash and cash equivalents	(6,428)	1,644			
Effect of exchange rate changes	3,930	1,205			

**Public Joint Stock Company "Acron"****Notes to the Consolidated Financial Statements for the year ended 31 December 2016***(in millions of Russian Roubles, except for per share amounts)***20 Acquisition and Sale of Non-controlling Interest**

In 2016, the Group acquired 9.1% interest in JSC VPC for the amount RUB 8,952, increasing its ownership from 51% to 60.1%. The Group recognised a decrease in non-controlling interests of RUB 4,075 and decrease in retained earnings by RUB 4,877.

Below is the summary of the impact of changes in the Company's share in JSC VPC not leading to loss of control on the equity attributable to the Company:

	<b>2016</b>
<b>The Company's share as at 1 January</b>	<b>22,568</b>
Effect of increase the Company's share, net	4,075
Share of comprehensive income	(435)
<b>The share of the Company as at 31 December</b>	<b>26,208</b>

**21 Cost of Sales**

	<b>2016</b>	<b>2015</b>
Natural gas	13,206	10,300
Staff costs	6,875	5,603
Depreciation and amortisation	6,095	4,217
Fuel and energy	6,031	5,100
Repairs and maintenance	3,561	3,695
Materials and components used, including	7,382	7,404
- Potash used	4,765	5,640
- Other materials and components used in production	2,296	4,401
- Change in finished goods and work in progress	321	(2,637)
Services	854	363
Social expenditure	709	633
Production overheads	306	244
Drilling and blasting	267	154
Impairment loss	25	64
	<b>45,311</b>	<b>37,777</b>

**22 Selling, General and Administrative Expenses**

	<b>2016</b>	<b>2015</b>
Staff costs	3,851	3,143
Change in provision for bad debts	81	(25)
Business trip expenses	220	208
Research and development costs	26	-
Taxes other than income tax	486	466
Marketing services	107	53
Audit, legal and consulting services	327	533
Bank services	230	220
Insurance	75	65
Buildings maintenance and rent	549	568
Security	385	361
Telecommunication costs	75	83
Representation expenses	647	505
Commission fees	182	3
Other expenses	565	359
	<b>7,806</b>	<b>6,542</b>

**Public Joint Stock Company "Acron"****Notes to the Consolidated Financial Statements for the year ended 31 December 2016***(in millions of Russian Roubles, except for per share amounts)***23 Transportation Expenses**

	<b>2016</b>	<b>2015</b>
Railway tariff	3,478	2,363
Freight	2,427	2,497
Maintenance of rolling stock	699	543
Container transportation	1,368	1,905
Handling of goods	3,150	2,355
Railcar lease	488	267
Other	333	473
	<b>11,943</b>	<b>10,403</b>

**24 Finance Income/(Costs), net**

	<b>2016</b>	<b>2015</b>
Foreign exchange gain on financial transactions	18,915	37,725
Foreign exchange loss on financial transactions	(11,066)	(48,952)
Interest income from loans provided and term deposits	521	775
Commission expense	(253)	(298)
Dividend income	270	-
Other finance costs	-	(77)
	<b>8,387</b>	<b>(10,827)</b>

**25 Other Operating Income/(Expenses), net**

	<b>2016</b>	<b>2015</b>
Foreign exchange gain on operating transactions	5,126	10,902
Foreign exchange loss on operating transactions	(7,776)	(7,405)
Loss on disposal of property, plant and equipment	(213)	(715)
Charity expenses	(298)	(385)
Other expenses	(240)	(151)
	<b>(3,401)</b>	<b>2,246</b>

**26 Earnings per Share**

Basic earnings per share are calculated by dividing the profit attributable to equity holders of the Company by the weighted average number of ordinary shares in issue during the year, excluding treasury shares. At 31 December 2016, the ordinary shares of the Company have dilutive potential related right to settle in own shares (Note 18). The dilution effect do not exist at the reporting date, therefore, the dilutive earnings per share equal the basic earnings per share.

	<b>2016</b>	<b>2015</b>
Weighted average number of shares outstanding	40,534,000	40,534,000
Adjusted for weighted average number of treasury shares	(676,477)	(386,440)
<b>Weighted average number of shares outstanding (basic)</b>	<b>39,857,523</b>	<b>40,147,560</b>
Effect of right to settle in own ordinary shares	-	-
<b>Weighted average number of shares outstanding (diluted)</b>	<b>39,857,523</b>	<b>40,147,560</b>
Profit attributable to the equity holders of the Company	26,155	14,739
<b>Basic (in Russian Roubles)</b>	<b>656.21</b>	<b>367.12</b>
<b>Diluted (in Russian Roubles)</b>	<b>656.21</b>	<b>367.12</b>

**27 Income Tax**

	<b>2016</b>	<b>2015</b>
Income tax expense – current	4,619	3,117
Deferred tax charge – origination and reversal of temporary differences	1,343	1,050
<b>Income tax charge</b>	<b>5,962</b>	<b>4,167</b>

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Profit before taxation for financial reporting purposes is reconciled to tax charge as follows:

	2016		2015	
<b>Profit before taxation</b>	<b>33,110</b>	<b>100%</b>	<b>22,042</b>	<b>100%</b>
Theoretical tax charge at statutory rate of 20%	6,622	20%	4,408	20%
Effects of different tax rates	191	1%	(718)	(3%)
Recycling of cumulative currency translation difference	(1,377)	(4%)	-	-
Tax effect of items which are not deductible or assessable for taxation purposes	259	1%	477	2%
Change in unrecognised deductible temporary differences	267	1%	-	0%
<b>Income tax charge</b>	<b>5,962</b>	<b>18%</b>	<b>4,167</b>	<b>19%</b>

In the context of the Group’s current structure, tax losses and current tax assets of different group subsidiaries may not be offset against current tax liabilities and taxable profits of other group companies and, accordingly, taxes may accrue even where there is a consolidated tax loss. Therefore, deferred tax assets and liabilities are offset only when they relate to the same taxable entity. Differences between IFRS and Russian and other countries statutory taxation regulations give rise to temporary differences between the carrying amount of assets and liabilities for financial reporting purposes and their tax bases. The tax effect of the movements in these temporary differences is detailed below and is recorded for major Russian subsidiaries at the rate of 20% (2015: 20%).

***Unrecognised deferred tax liabilities***

At 31 December 2016, a deferred tax liability of RUB 11,952 (31 December 2015: RUB 9,911) for temporary differences of RUB 59,759 (31 December 2015: RUB 49,555) related to an investment in a subsidiary was not recognised because the Company controls whether the liability will be incurred and it is satisfied that it will not be incurred in the foreseeable future.



**Movement in deferred tax balances**

	1 January 2015	Charged/ (credited) to profit or loss*	Charged to OCI	31 December 2015	Charged to profit or loss		Credited to OCI	31 December 2016
					Disposal of subsidiary	Continuing operations		
<b>Tax effects of taxable temporary differences:</b>								
Property, plant and equipment	1,452	239	-	1,691	169	171	-	2,031
Investments	690	14	267	971	-	-	(938)	33
Exploration rights	3,611	(133)	-	3,478	-	670	-	4,148
Inventory	(95)	(63)	-	(158)	11	(10)	-	(157)
Financial instruments	420	(740)	-	(320)	-	(361)	-	(681)
<b>Gross deferred tax liability</b>	<b>6,078</b>	<b>(683)</b>	<b>267</b>	<b>5,662</b>	<b>180</b>	<b>470</b>	<b>(938)</b>	<b>5,374</b>
Offset	(1,379)	-	-	(466)	-	-	-	(64)
<b>Recognised net deferred tax liability</b>	<b>4,699</b>	<b>(683)</b>	<b>267</b>	<b>5,196</b>	<b>180</b>	<b>470</b>	<b>(938)</b>	<b>5,310</b>
<b>Tax effects of deductible temporary differences and tax loss carry-forwards:</b>								
Tax loss carry-forwards	(2,832)	1 381	-	(1,451)	329	984	-	(138)
Accounts receivable	(138)	31	-	(107)	132	(30)	-	(5)
Accounts payable	(32)	(15)	-	(47)	12	(74)	-	(109)
Staff costs payable	(86)	(54)	-	(140)	111	(1)	-	(29)
Other temporary differences	(194)	77	-	(117)	-	(7)	-	(124)
<b>Gross deferred tax asset</b>	<b>(3,282)</b>	<b>1,420</b>	<b>-</b>	<b>(1,862)</b>	<b>584</b>	<b>872</b>	<b>-</b>	<b>(405)</b>
Offset	1,379	-	-	466	-	-	-	64
<b>Recognised net deferred tax asset</b>	<b>(1,903)</b>	<b>1,420</b>	<b>-</b>	<b>(1,396)</b>	<b>584</b>	<b>872</b>	<b>-</b>	<b>(341)</b>
<b>Recognised net deferred tax liability</b>	<b>2,796</b>	<b>737</b>	<b>267</b>	<b>3,800</b>	<b>764</b>	<b>1,343</b>	<b>(938)</b>	<b>4,969</b>

Substantially all deferred assets and liabilities presented in the statement of financial position are expected to be realised after more than 12 months from the reporting date.

\*Change of temporary differences charged to profit or loss expense includes expense within continuing operations in the amount RUB 1,050 and income within discontinued operation in the amount RUB 313.

**Public Joint Stock Company "Acron"****Notes to the Consolidated Financial Statements for the year ended 31 December 2016***(in millions of Russian Roubles, except for per share amounts)***28 Results from Disposal of Discontinued Operation**

In August 2016, the Group sold a subsidiary owned 50.5% stake in the Chinese subsidiary "Hongri-Acron", which represented operating segment of Hongri Acron. The buyer was an independent investment and industrial company from Hong Kong. The segment of Hongri Acron was not previously classified as held-for-sale or as a discontinued operation. The comparative consolidated statement of profit or loss and OCI has been restated to show the discontinued operation separately from continuing operations.

Financial results of Hongri Acron before the sale are presented in the table below:

	<b>For the 12 months ended</b>	
	<b>2016*</b>	<b>2015</b>
Revenue	4,549	14,036
Costs	(5,789)	(15,217)
Finance expense, net	(133)	(301)
<b>Loss before taxation</b>	<b>(1,373)</b>	<b>(1,482)</b>
Income tax charge	(372)	313
<b>Loss after taxation</b>	<b>(1,745)</b>	<b>(1,169)</b>
Gain on disposal of discontinued operation	122	-
<b>Loss for the period</b>	<b>(1,623)</b>	<b>(1,169)</b>

\*Operations results are presented for the period from 1 January 2016 till 2 August 2016.

The total loss for the period includes a loss attributable to non-controlling interests of discontinued operation in the amount of RUB 851 (for 2016: RUB 561 loss).

Statement of cash flows until the disposal is presented in the table below:

	<b>For the 12 months ended</b>	
	<b>2016*</b>	<b>2015</b>
Net cash (used in)/generated from operating activities	(1,608)	2,004
Net cash generated from/(used in) investing activities	1	(315)
Net cash used in financing activities	(74)	(1,088)
<b>Net (decrease)/increase in cash and cash equivalents for the period</b>	<b>(1,681)</b>	<b>601</b>

\*Statement of cash flow is presented for the period from 1 January 2016 till 2 August 2016.

Financial result on disposal of stake in a subsidiary is presented in the table below:

Property, plant and equipment	(5,251)
Leasehold land	(597)
Inventories	(795)
Accounts receivable	(948)
Cash and cash equivalents	(1,061)
Deferred tax assets	(334)
Other current assets	(195)
<b>Total assets</b>	<b>(9,181)</b>
Accounts payable	4,798
Borrowings	3,684
Other liabilities	158
<b>Total liabilities</b>	<b>8,640</b>
<b>Net identifiable assets</b>	<b>(541)</b>
Accumulated gains previously recognised in other comprehensive income of the Group	1,396
Disposal of non-controlling interest	(733)
<b>Gain on disposal of discontinued operation</b>	<b>122</b>
Cash received	186
Disposal of cash and cash equivalents	(1,061)
<b>Total outflow of cash and cash equivalents</b>	<b>(875)</b>

## **29 Contingencies, Commitments and Operating Risks**

### **i Contractual commitments and guarantees**

As at 31 December 2016 the Group had outstanding capital commitments in relation to property, plant and equipment for the amount of RUB 12,840 (31 December 2015: RUB 12,563).

In accordance with the conditions of the exploration licenses the Group has to commence the extraction of certain mineral resources by certain dates as stipulated by license agreements (Note 10).

The Group has already allocated the necessary resources in respect of these commitments. The Group believes that future net income and funding will be sufficient to cover this and any similar such commitments.

Guarantees are irrevocable assurances that the Group will make payments in the event that another party cannot meet its obligations. As at 31 December 2016, the Group had no issued guarantees. As at 31 December 2015 the Group had issued financial guarantees to third parties in respect of borrowings by the Group's counterparties in the amount of RUB 3,504. No amount has been accrued in the consolidated financial statements for the Group's obligation under these guarantees as no outflows are expected from such guarantees.

### **ii Legal proceedings**

From time to time and in the normal course of business, claims against the Group are received. On the basis of its own estimates and both internal and external professional advice the Management is of the opinion that no material losses will be incurred in respect of claims.

### **iii Russian business environment**

The Group's operations are primarily located in the Russian Federation. Consequently, the Group is exposed to the economic and financial markets of the Russian Federation which display characteristics of an emerging market. The legal, tax and regulatory frameworks continue development, but are subject to varying interpretations and frequent changes which together with other legal and fiscal impediments contribute to the challenges faced by entities operating in the Russian Federation.

The conflict in Ukraine and related events has increased the perceived risks of doing business in the Russian Federation. The imposition of economic sanctions on Russian individuals and legal entities by the European Union, the United States of America, Japan, Canada, Australia and others, as well as retaliatory sanctions imposed by the Russian government, has resulted in increased economic uncertainty including more volatile equity markets, a depreciation of the Russian Rouble, a reduction in both local and foreign direct investment inflows and a significant tightening in the availability of credit. In particular, some Russian entities may be experiencing difficulties in accessing international equity and debt markets and may become increasingly dependent on Russian state banks to finance their operations. The longer term effects of recently implemented sanctions, as well as the threat of additional future sanctions, are difficult to determine.

The consolidated financial statements reflect management's assessment of the impact of the Russian business environment on the operations and the financial position of the Group. The future business environment may differ from management's assessment.

### **iv Taxation contingencies in Russian Federation**

The taxation system in the Russian Federation continues to evolve and is characterised by frequent changes in legislation, official pronouncements and court decisions, which are sometimes contradictory and subject to varying interpretation by different tax authorities.

Taxes are subject to review and investigation by a number of authorities, which have the authority to impose severe fines, penalties and interest charges. A tax year generally remains open for review by the tax authorities during the three subsequent calendar years. Recent events within the Russian Federation suggest that the tax authorities are taking a more assertive and substance-based position in their interpretation and enforcement of tax legislation.

In addition, a number of new laws introducing changes to the Russian tax legislation have been recently adopted. In particular, starting from 1 January 2015 Russian Federal law 376-FZ introduced changes aimed at regulating tax consequences of transactions with foreign companies and their activities. These changes may potentially impact the Group's tax position and create additional tax risks going forward. This legislation is still evolving and the impact of legislative changes should be considered based on the actual circumstances.

Transfer pricing legislation enacted in the Russian Federation starting from 1 January 2012 provides for major modifications making local transfer pricing rules closer to OECD guidelines, but creating additional uncertainty in practical application of tax legislation in certain circumstances.

These transfer pricing rules provide for an obligation for the taxpayers to prepare transfer pricing documentation with respect to controlled transactions and prescribe the basis and mechanisms for accruing additional taxes and interest in case prices in the controlled transactions differ from the market level.

The transfer pricing rules apply to cross-border transactions between related parties, as well as to certain cross-border transactions between independent parties, as determined under the Russian Tax Code (no threshold is set for the purposes of prices control in such transactions). In addition, the rules apply to in-country transactions between related parties if the accumulated annual volume of the transactions between the same parties exceeds a particular threshold (RUB 1 billion in 2014 and thereon).

The compliance of prices with the arm's length level could be as well subject to scrutiny on the basis of unjustified tax benefit concept.

All these circumstances may create tax risks in the Russian Federation that are substantially more significant than in other countries. Management believes that it has provided adequately for tax liabilities based on its interpretations of applicable Russian tax legislation, official pronouncements and court decisions. However, the interpretations of the tax authorities and courts, especially due to reform of the supreme courts that are resolving tax disputes, could differ and the effect on these consolidated financial statements, if the authorities were successful in enforcing their interpretations, could be significant.

The amount of possible tax liabilities related to uncertainties in practical application of legislation could be material, however, management believes that its interpretation of the relevant legislation is generally appropriate, and the Group's tax, currency and customs positions will be sustained. Accordingly, as at 31 December 2016 no provision for potential tax liabilities based on management's interpretations of applicable tax legislation had been recognised (2015: no provision). Management believes that all necessary provisions were recognised in respect of other probable tax risks.

**v Environmental matters**

The environmental regulation in the Russian Federation continues to evolve. The Group periodically evaluates its obligations under environmental regulations. As obligations are determined, they are recognised immediately. Potential liabilities, which might arise as a result of changes in existing regulations, civil litigation or legislation, cannot be estimated but could be material. In the current climate under existing legislation, management believes that there are no significant liabilities for environmental damage.

## **30 Financial and Capital Risk Management**

### **30.1. Financial risk management**

#### **Presentation of Financial Instruments by Measurement Category**

For the purposes of measurement, IAS 39, Financial Instruments: Recognition and Measurement, classifies financial assets into the following categories: (a) loans and receivables; (b) available-for-sale financial assets; and (c) financial assets at fair value through profit or loss (“FVTPL”). Financial assets at fair value through profit or loss have two subcategories: (i) assets designated as such upon initial recognition, and (ii) those classified as held for trading.

The following table provides a reconciliation of financial assets with these measurement categories as at 31 December 2016:



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	2016			Total
	Loans and receivables	Available-for-sale assets	Trading Assets	
<b>Assets</b>				
<b>Cash and cash equivalents (Note 6)</b>				
- Cash on hand and bank balances	27,168	-	-	27,168
<b>Trade and other receivables (Note 7)</b>				
- Trade receivables, net of provision	1,449	-	-	1,449
- Notes receivable	138	-	-	138
- Other financial receivables	265	-	-	265
<b>Loans receivable</b>				
- Long term loans receivable	29	-	-	29
<b>Trading Investments</b>				
-	-	-	122	122
<b>Available-for-sale investments (Note 12)</b>				
- Corporate shares	-	17,965	-	17,965
<b>Total financial assets</b>	<b>29,049</b>	<b>17,965</b>	<b>122</b>	<b>47,136</b>

All of the Group's financial liabilities except for derivatives are carried at amortised cost. Derivatives belong to the fair value through profit or loss measurement category as designated.

The following table provides a reconciliation of financial assets with these measurement categories as at 31 December 2015:

	2015			Total
	Loans and receivables	Available-for-sale assets	Trading Assets	
<b>Assets</b>				
<b>Cash and cash equivalents (Note 6)</b>				
- Cash on hand and bank balances	30,421	-	-	30,421
<b>Trade and other receivables (Note 7)</b>				
- Trade receivables, net of provision	2,279	-	-	2,279
- Notes receivable	530	-	-	530
- Other financial receivables	772	-	-	772
<b>Loans receivable</b>				
- Short term loans receivable	5	-	-	5
- Long term loans receivable	47	-	-	47
<b>Trading Investments</b>				
-	-	-	172	172
<b>Available-for-sale investments (Note 12)</b>				
- Corporate shares	-	4,956	-	4,956
<b>Total financial assets</b>	<b>34,054</b>	<b>4,956</b>	<b>172</b>	<b>39,182</b>

The Group's activities expose it to a variety of financial risks: market risk (including foreign currency exchange risk, interest rate risk and price risk), credit risk and liquidity risk. The overall risk management programme seeks to minimise potential adverse effects on the financial performance of the Group.

**(a) Market risk**

**(i) Foreign currency risk**

Foreign currency risk is the risk of losses resulting from adverse movements in different currency exchange rates against the Group functional currency. Foreign currency risk arises from the international operations of the Group, future commercial transactions in foreign currencies, including repayment of foreign currency denominated borrowings and recognition of assets and liabilities denominated in a currency which is not a functional currency of the Group.

The objective of the Group's foreign exchange risk management activities is to minimise the volatility of the Group's financial results by matching the same foreign currency denominated assets and liabilities.

The Group relies on export sales to generate foreign currency earnings. As the Group sells approximately 73% of its production outside the Russian Federation, it is exposed to foreign currency risk arising primarily on volatility of USD rate. Since the Group's major operational expenses are denominated in Russian Roubles the benefit from the weak Rouble exchange rate is partially offset by the growth of borrowing costs and foreign exchange differences on the Group's loans which presumably denominated in USD.

Group's policies for attracting foreign exchange denominated borrowings depend on current and forward rates of foreign currencies to Russian Rouble. Credit lines denominated in various currencies allow the Group to be flexible in reaction to foreign currency rate shocks and minimise foreign currency exposure.

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The tables below summarise the Group’s exposure to foreign currency exchange rate risk at the reporting date:

<b>At 31 December 2016</b>	<b>USD</b>	<b>EUR</b>	<b>CNY</b>
<b>Financial assets:</b>			
Cash, cash equivalents and irrevocable deposits	17,320	1,367	313
Accounts Receivable	1,231	8	104
Derivative financial instruments	5,177	-	-
	<b>23,728</b>	<b>1,375</b>	<b>417</b>
<b>Financial liabilities:</b>			
Accounts payable and other liabilities	(235)	(133)	(6)
Borrowings and notes payable	(42,966)	(4,061)	-
Derivative financial instruments	(8,443)	-	-
	<b>(51,644)</b>	<b>(4,194)</b>	<b>(6)</b>
<b>Net position</b>	<b>(27,916)</b>	<b>(2,819)</b>	<b>(411)</b>

<b>At 31 December 2015</b>	<b>USD</b>	<b>EUR</b>	<b>CNY</b>
<b>Financial assets:</b>			
Cash, cash equivalents and irrevocable deposits	22,883	2,405	2,116
Accounts receivable	1,627	105	680
Derivative financial instruments	7,816	-	-
	<b>32,326</b>	<b>2,510</b>	<b>2,796</b>
<b>Financial liabilities:</b>			
Accounts payable and other liabilities	(108)	(456)	(1,907)
Borrowings and notes payable	(49,849)	(5,261)	(6,722)
Derivative financial instruments	(9,282)	-	-
	<b>(59,239)</b>	<b>(5,717)</b>	<b>(8,629)</b>
<b>Net position</b>	<b>(26,913)</b>	<b>(3,207)</b>	<b>(5,833)</b>

The foreign exchange rate sensitivity is calculated by aggregation of the net foreign exchange risk exposure and primarily arises from cash and cash equivalents, accounts receivable and borrowings.

	<b>2016</b>	<b>2015</b>
<i>Impact on post-tax profit and on equity of:</i>		
USD strengthening by 20%	(4,467)	(4,306)
USD weakening by 20%	4,467	4,306

Since the Group does not hold any foreign currency denominated equity securities and other financial instruments revalued through equity, the effect of a change in the exchange rate on equity would be the same as that on the post-tax profit.

**(ii) Interest rate risk**

Interest rate risk arises from movements in interest rates which could affect the Group’s financial results or the value of the Group’s equity. A change in interest rates may cause variations in interest income and expense. The primary objective of the Group’s interest rate management is to protect the net interest result. Interest risk management is carried out by the corporate finance and corporate treasury functions of the Group.

All entities of the Group obtain any required financing through the corporate treasury function of the Group in the form of loans. Generally, the same concept is adopted for deposits of cash generated by the units.

Monitoring of current market interest rates and analysis of the Group’s interest-bearing position is performed by the corporate treasury and corporate finance functions as a part of interest rate risk management procedures. Monitoring is performed taking into consideration refinancing, renewal of existing positions and alternative financing.

The Group’s income and operating cash flows are substantially independent of changes in market interest rates. The Group interest rate risk arises from various debt facilities. Borrowings at variable rates expose the Group’s cash flow to an interest rate risk. At 31 December 2016 and 2015 borrowings at variable rates amounted to RUB 53,732 and RUB 55,680 respectively (Note 17).

At 31 December 2016, if interest rates at that date had been 5 percentage points higher with all other variables held constant, profit for the year would have been RUB 3,243 (2015: RUB 2,760) lower, mainly as a result of higher interest expense on variable interest liabilities. The effect of a change for the year in the interest rate on equity would be the same as that on post-tax profit.

**(iii) Price risk**

From time to time the Group makes investments in entities with high upside market potential. Investments are assessed by corporate treasury department and accepted provided that internal rate of return for investment exceeds current weighted average cost of capital.

The Group does not enter into any transactions with financial instruments whose value is exposed to the value of any commodities traded on a public market.

**(b) Credit risk**

Credit risk arises from the possibility that counterparties to transactions may default on their obligations, causing financial losses for the Group. Financial assets, which potentially subject Group entities to credit risk, consist principally of trade receivables, cash and bank deposits and loans receivable. The objective of managing credit risk is to prevent losses of liquid funds deposited with or invested in financial institutions or the loss in value of receivables.

The maximum exposure to credit risk of RUB 29,171 (2015: RUB 34,226) resulting from financial assets is equal to the carrying amount of the Group's financial assets, including loans receivable, cash and cash equivalents. The amount does not include equity investments and financial guarantees disclosed in Note 29 (i).

As at 31 December 2016, cash and cash equivalents in the amount RUB 10,991 was held in Russian bank with credit rating BBB- (2015: 19,263) and RUB 797 was held in Russian bank with credit rating Ba2 (2015: 3,229). The Group has no significant concentrations of credit risk for other financial assets.

**Cash and cash equivalents.** Cash and short-term deposits are placed in major multinational and Russian banks with independent credit ratings and Chinese banks with top internal credit ratings. All bank balances and term deposits are neither past due nor impaired. See analysis by credit quality of bank balances and term deposits in Note 6.

**Trade receivables and loans receivable.** Trade receivables and loans receivable are subject to a policy of active credit risk management which focuses on an assessment of ongoing credit evaluation and account monitoring procedures. The objective of the management of receivables is to sustain the growth and profitability of the Group by optimising asset utilisation whilst maintaining risk at an acceptable level.

The monitoring and controlling of credit risk is performed by the corporate treasury function of the Group. The credit policy requires the performance of credit evaluations and ratings of customers or borrowers. The credit quality of each new customer is analysed before the Group provides it with the standard terms of goods supply and payments. The credit quality of new borrowers is analysed before the Group provides it with the loan. The credit quality of customers and borrowers is assessed taking into account their financial position, past experience and other factors. Customers which do not meet the credit quality requirements are supplied on a prepayment basis only.

Management monitors and discloses concentrations of credit risk by obtaining reports listing exposures to counterparties with aggregated balances in excess of 10% of the Group's gross accounts receivable balances. At 31 December 2016 and 2015 the Group had no counterparties with aggregated receivables balances in excess of 10% of the Group's gross accounts receivable balances.

Although the collection of receivables could be influenced by economic factors, management believes that there is no significant risk of loss to the Group beyond the provision already recorded (Note 7).

**(c) Liquidity risk**

Liquidity risk results from the Group's potential inability to meet its financial liabilities, such as settlements of financial debt and payments to suppliers. The Group's approach to liquidity risk management is to maintain sufficient readily available reserves in order to meet its liquidity requirements at any point in time.

The Group seeks to maintain a stable funding base primarily consisting of borrowing, trade and other payables and debt securities. The Group invests the funds in diversified portfolios of liquid assets, in order to be able to respond quickly and smoothly to unforeseen liquidity requirements. The Group's liquidity portfolio comprises cash and cash equivalents (Note 6), trading investments, and available-for-sale investments (Note 12). Management estimates that the liquidity portfolio can be realised in cash within a day in order to meet unforeseen liquidity requirements.

Weekly liquidity planning is performed by the corporate treasury function and reported to the management of the Group. Beyond cash management, the Group mitigates liquidity risk by keeping committed credit lines available.

The table below analyses the Group's financial liabilities into the relevant maturity groupings based on the time remaining from the reporting date to the contractual maturity date.

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	Carrying amount	On demand and less than 3 months	From 3 to 12 months	From 1 to 2 years	From 2 to 5 years	Over 5 years	Total
<b>As at 31 December 2016</b>							
Bonds issued*	18,772	10,000	1,440	861	10,302	-	22,603
Credit lines*	5,237	117	2,635	2,877	315	-	5,944
Term loans*	55,108	11,828	18,010	12,343	16,602	414	59,197
Notes payable	34	34	-	-	-	-	34
Trade payables	6,302	6,302	-	-	-	-	6,302
Derivatives	8,443	-	-	-	-	**34,297	34,297
Financial guarantees	-	-	-	-	-	-	-
<b>Total</b>	<b>93,896</b>	<b>28,247</b>	<b>22,085</b>	<b>16,081</b>	<b>27,219</b>	<b>34,711</b>	<b>128,377</b>

	Carrying amount	On demand and less than 3 months	From 3 to 12 months	From 1 to 2 years	From 2 to 5 years	Over 5 years	Total
<b>As at 31 December 2015</b>							
Bonds issued*	13,752	-	5,164	10,578	-	-	15,742
Credit lines*	6,500	219	2,620	4,320	555	-	7,714
Term loans*	61,354	4,214	5,606	26,892	29,847	629	67,188
Notes payable	2,138	936	1,202	-	-	-	2,138
Trade payables	8,435	8,435	-	-	-	-	8,435
Derivatives	9,282	-	-	-	-	**41,210	41,210
Financial guarantees	-	1,067	2,437	-	-	-	3,504
<b>Total</b>	<b>101,461</b>	<b>14,871</b>	<b>17,029</b>	<b>41,790</b>	<b>30,402</b>	<b>41,839</b>	<b>145,931</b>

\* The table above shows undiscounted cash outflows for financial liabilities (including interest together with the borrowings) based on conditions existing as at 31 December 2016 and 31 December 2015, respectively.

\*\* Cash outflow relates to possible sales of JSC VPC's shares linked to put option by the minority shareholder in 2024 (Note 18).

The Group controls the minimum required level of cash balances available for short-term payments in accordance with the financial policy of the Group. Such cash balances are represented by current cash balances on bank accounts and bank deposits. Group's policy for financing its working capital is aimed at maximum reliance on own operating cash flows, availability of short-term bank and other external financing to maintain sufficient liquidity.

At 31 December 2016 unused credit lines available under long-term loan facilities were RUB 26,881 (2015: RUB 24,400).

### 30.2. Capital risk management

The Group's objectives when managing capital are to safeguard its ability to continue as a going concern, to provide returns for shareholders and benefits for other stakeholders, to have available the necessary financial resources for investing activities and to maintain an optimal capital structure in order to reduce the cost of capital.

The Group monitors capital on the basis of the gearing ratio. This ratio is calculated as total debt divided by total capital under management. The Group considers total capital under management to be equity as shown in the IFRS consolidated statement of financial position. This is considered more appropriate than alternative methods available, such as the value of equity shown in the Company's statutory financial (accounting) reports. In 2016, the Group's strategy, which was unchanged from 2015, was to maintain the gearing ratio at the level not exceeding 150%.

The gearing ratio as at 31 December 2016 and 31 December 2015 is shown in the table below:

	2016	2015
Long-term borrowings	39,231	68,611
Short-term borrowings	39,886	12,995
<b>Total debt</b>	<b>79,117</b>	<b>81,606</b>
<b>Shareholders' equity</b>	<b>87,722</b>	<b>109,798</b>
<b>Gearing ratio, %</b>	<b>90%</b>	<b>74%</b>

The Group also maintains an optimal capital structure by tracing certain capital requirements based on the minimum level of EBITDA/net interest expense ratio.

In 2016, the Group's strategy, which was unchanged from 2010, was to maintain EBITDA/net interest expense ratio at the level not lower than 3.5:1. For this purpose EBITDA is defined as earnings before tax, interest, depreciation and amortisation adjusted for operating foreign exchange gain or loss, result on disposal of property, plant and equipment and investments and extraordinary items. Net interest expense is defined as interest expense less interest income. This ratio is included as a covenant in the loan agreements (Note 17).

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The ratios of EBITDA over net interest expense are shown in the table below:

	2016	2015
<b>EBITDA</b>	<b>29,856</b>	<b>40,978</b>
Interest income (Note 24)	(521)	(775)
Interest expense	4,573	4,067
Interest expense capitalised (Note 9,10)	1,090	1,056
<b>Net interest expense</b>	<b>5,142</b>	<b>4,348</b>
<b>EBITDA/Net interest expense</b>	<b>5.8:1</b>	<b>9.4:1</b>

The Group’s capital management includes compliance with the externally imposed minimum capital requirements arising from the Group’s borrowings (Note 17) and imposed by the statutory legislation of the Russian Federation and Estonia. Since EBITDA is not standard IFRS measure the Group’s definition of EBITDA may differ from that of other companies.

### 31 Fair Value of Financial Instruments

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The best evidence of fair value is the price in an active market.

The estimated fair values of financial instruments have been determined by the Group using available market information, where it exists, and appropriate valuation methodologies. However, judgement is necessarily required to interpret market data to determine the estimated fair value. The Russian Federation continues to display some characteristics of an emerging market and economic conditions continue to limit the volume of activity in the financial markets. Market quotations may be outdated or reflect distress sale transactions and therefore not represent fair values of financial instruments. Management has used all available market information in estimating the fair value of financial instruments.

**Financial instruments carried at fair value.** Trading, Available-for-sale investments and derivatives are carried in the consolidated statement of financial position at their fair value.

This Group discloses the value of financial instruments that are measured in the consolidated statement of financial position at fair value by three levels in accordance with IFRS 13, Fair values.

The level in the fair value hierarchy into which the fair values are categorised as one of the three categories:

- Level 1: quoted price in an active market;
- Level 2: valuation technique with inputs observable in markets;
- Level 3: valuation technique with significant non-observable inputs.

All available-for-sales and trading financial instruments of the Group were included in level 1 category in the amount of RUB 18,087 (31 December 2015: RUB 5,128).

All liabilities on bonds issued were included in level 1 category in the amount of RUB 18,772 (31 December 2015: RUB 13,781)

The fair value of the call/put options on shares of JSC VPC was determined based on the Black–Scholes Option Pricing Model with the adjustments and using of unobservable inputs, and included in level 3 .

The spot price of JSC VPC is one of the inputs to the valuation using Black–Scholes Option Pricing Model. Since the shares are not quoted, management applied discounted cash flows method using risk-adjusted discount rate. The calculation was based on the cash flow forecast prepared in nominal terms and derived from financial budgets.

Significant unobservable inputs	Inter-relationship between significant unobservable inputs data and fair value measurement
Forecast annual revenue growth rate: 3%. Forecast EBITDA margin: 73%-78%. Risk-adjusted discount rate: 13.1%. Production start year: 2021.	The estimated fair value of the shares of JSC VPC would increase (decrease) if: <ul style="list-style-type: none"> <li>• The annual revenue growth rate were higher (lower);</li> <li>• The EBITDA margin were higher (lower); or</li> <li>• risk-adjusted discount rate were lower (higher) ; or</li> <li>• production began earlier (later).</li> </ul> <p>Generally, EBITDA margin follows any changes in the trend set by the annual revenue growth rate.</p>

Significant unobservable inputs of Black–Scholes Option Pricing Model are shown in the following table:

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<b>Financial instrument</b>	<b>Significant unobservable inputs</b>	<b>Inter-relationship between significant unobservable inputs data and estimate of fair value</b>
Call option on shares of JSC VPC (asset)	The current fair value of the shares (calculated as above) Volatility: 27%. Risk-free rate of return: 1.76%. No dividend assumed	The estimated fair value would increase (decrease) if: <ul style="list-style-type: none"><li>• spot price of the shares were higher (lower);</li><li>• volatility were higher (lower); or</li><li>• the risk-free rate of return were higher (lower).</li></ul>
Put option on shares of JSC VPC (liability)	Spot price of the shares (calculated above) Volatility: 37%. Risk-free rate of return: 3.89%. Empirical overestimation percentage for 'up to more than 5-years' options: 34% No dividends assumed	The estimated fair value would increase (decrease) if: <ul style="list-style-type: none"><li>• current fair value of the shares were lower (higher); or</li><li>• volatility were higher (lower); or</li><li>• the risk-free rate of return were lower (higher); or</li><li>• empirical overestimation percentage for 'up to more than 5-years' options was lower (higher).</li></ul>

**Financial assets carried at amortised cost.** The fair value of floating rate instruments is normally their carrying amount. The estimated fair value of fixed interest rate instruments is based on estimated future cash flows expected to be received discounted at current interest rates for new instruments with similar credit risk and remaining maturity. Discount rates used depend on credit risk of the counterparty. Carrying amounts of trade receivables and loans receivable approximate fair values.

**Liabilities carried at amortised cost.** The fair value of floating rate liabilities is normally their carrying amount. The fair value is based on quoted market prices, if available. The estimated fair value of fixed interest rate instruments with stated maturity, for which a quoted market price is not available, was estimated based on expected cash flows discounted at current interest rates for new instruments with similar credit risk and remaining maturity. At 31 December 2016 the fair value of borrowings was RUB 478 higher than their carrying amounts. At 31 December 2015 the fair value of borrowings was RUB 666 lower than their carrying amounts.

The fair value of payables does not differ significantly from their carrying amounts.

### **32 Subsequent Events**

There are no subsequent events.

### **33 Changes in accounting policies**

The Group has consistently applied the accounting policies set out in Note 34 to all periods presented in these consolidated financial statements.

### **34 Significant Accounting Policies**

#### **34.1 Group accounting**

**Consolidated financial statements.** Subsidiaries are those companies and other entities (including special purpose entities) in which the Group, directly or indirectly, has an interest of more than one half of the voting rights or otherwise has power to govern the financial and operating policies so as to obtain benefits. The existence of possibility when the Group has existing rights that give it the current ability to direct the relevant activities of other entity, i.e. the activities that significantly affect the other entity's returns, is considered when assessing whether the Group controls another entity. The Group can have power over other entity even if other entities have existing rights that give them the current ability to participate in the direction of the relevant activities. Subsidiaries are consolidated from the date on which control is transferred to the Group (acquisition date) and are de-consolidated from the date that control ceases.

The purchase method of accounting is used to account for the acquisition of subsidiaries except for those acquired as the result of the business combinations under common control. Identifiable assets acquired and liabilities and contingent liabilities assumed in a business combination are measured at their fair values at the acquisition date, irrespective of the extent of any non-controlling interest. The Group measures non-controlling interest that represents present ownership interest and entitles the holder to a proportionate share of net assets in the event of liquidation on a transaction by transaction basis, either at: (a) fair value, or (b) the non-controlling interest's proportionate share of net assets of the acquiree.

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Goodwill is measured by deducting the net assets of the acquiree from the aggregate of the consideration transferred for the acquiree, the amount of non-controlling interest in the acquiree and fair value of an interest in the acquiree held immediately before the acquisition date. Any negative amount (“negative goodwill”) is recognised in profit or loss, after management reassesses whether it identified all the assets acquired and all liabilities and contingent liabilities assumed and reviews appropriateness of their measurement.

The consideration transferred for the acquiree is measured at the fair value of the assets given up, equity instruments issued and liabilities incurred or assumed, including fair value of assets or liabilities from contingent consideration arrangements but excludes acquisition related costs such as advisory, legal, valuation and similar professional services. Transaction costs related to the acquisition and incurred for issuing equity instruments are deducted from equity; transaction costs incurred for issuing debt as part of the business combination are deducted from the carrying amount of the debt and all other transaction costs associated with the acquisition are expensed.

Intercompany transactions, balances and unrealised gains on transactions between group companies are eliminated; unrealised losses are also eliminated unless the cost cannot be recovered. The Company and all of its subsidiaries use uniform accounting policies consistent with the Group’s policies.

Non-controlling interest is that part of the net results and of the net assets of a subsidiary, which is attributable to interests which are not owned, directly or indirectly, by the Company. Non-controlling interest forms a separate component of the Group’s equity.

**Purchases of non-controlling interests.** The Group applies economic entity model to account for transactions with non-controlling shareholders. Any difference between the purchase consideration and the carrying amount of non-controlling interest acquired is recorded as capital transaction directly in equity.

**Purchases of subsidiaries from parties under common control.** Purchases of subsidiaries as the result of business combinations under common control are accounted for using the predecessor values method. Under this method the financial statements of the combined entity are presented as if the businesses had been combined from the beginning of the earliest period presented or, if later, the date when the combining entities were first brought under common control. The assets and liabilities of the subsidiary transferred under common control are at the predecessor entity’s carrying amounts. The predecessor entity is considered to be the highest reporting entity in which the subsidiary’s IFRS financial information was consolidated. Related goodwill inherent in the predecessor entity’s original acquisitions is also recorded in these financial statements. The consideration paid is accounted for in these consolidated financial statements as an adjustment to equity.

**Investments in associates.** Associates are entities over which the Group has significant influence (directly or indirectly), but not control, generally accompanying a shareholding of between 20 and 50 percent of the voting rights. Investments in associates are accounted for by the equity method of accounting and are initially recognised at cost. The carrying amount of associates includes goodwill identified on acquisition less accumulated impairment losses, if any. The Group’s share of the post-acquisition profits or losses of associates is recorded in profit or loss for the year as share of result of associates.

When the Group’s share of losses in an associate equals or exceeds its interest in the associate, including any other unsecured receivables, the Group does not recognise further losses, unless it has incurred obligations or made payments on behalf of the associate.

Unrealised gains on transactions between the Group and its associates are eliminated to the extent of the Group’s interest in the associates; unrealised losses are also eliminated unless the transaction provides evidence of an impairment of the asset transferred.

**Disposals of subsidiaries, associates or joint ventures.** When the Group ceases to have control or significant influence, any retained interest in the entity is re-measured to its fair value, with the change in carrying amount recognised in profit or loss. The fair value is the initial carrying amount for the purposes of subsequently accounting for the retained interest as an associate, joint venture or financial asset. In addition, any amounts previously recognised in other comprehensive income in respect of that entity, are accounted for as if the Group had directly disposed of the related assets or liabilities. This may mean that amounts previously recognised in other comprehensive income are recycled to profit or loss.

If the ownership interest in an associate is reduced but significant influence is retained, only a proportionate share of the amounts previously recognised in other comprehensive income are reclassified to profit or loss where appropriate.

### **34.2 Discontinued operations**

A discontinued operation is a component of the Group’s business, the operations and cash flows of which can be clearly distinguished from the rest of the Group and which:

- represents a separate major line of business or geographical area of operations;
- is part of a single co-ordinated plan to dispose of a separate major line of business or geographical area of operations; or
- is a subsidiary acquired exclusively with a view to resale.

Classification as a discontinued operation occurs upon disposal or when the operation meets the criteria to be classified as held for sale, if earlier.

When an operation is classified as a discontinued operation, the comparative statement of comprehensive income is re-presented as if the operation had been discontinued from the start of the comparative period.

### **34.3 Cash and cash equivalents**

Cash and cash equivalents include cash in hand, deposits held at call with banks, and other short-term highly liquid investments with original maturities of three months or less. Cash and cash equivalents are carried at amortised cost using the effective interest method. Bank overdrafts are shown within borrowings in the current liabilities statement of financial position. Restricted balances are excluded from cash and cash equivalents for the purposes of the cash flow statement. Balances restricted from being exchanged or used to settle a liability for at least twelve months after the reporting date are included in other non-current assets.

### **34.4 Trade and other receivables**

Trade and other receivables are carried at amortised cost using the effective interest method. A provision for impairment of receivables is established when there is objective evidence that the Group will not be able to collect all amounts due according to the original terms of receivables. The amount of the provision is the difference between the carrying amount and the recoverable amount, being the present value of estimated future cash flows, discounted at the original effective rate of interest. The amount of the provision is recognised in the statement of profit or loss and other comprehensive income. The primary factors that the Group considers whether a receivable is impaired is its overdue status. The following other principal criteria are also used to determine whether there is objective evidence that an impairment loss has occurred:

- any portion of the receivable is overdue and the late payment cannot be attributed to a delay caused by the settlement systems;
- the counterparty experiences a significant financial difficulty as evidenced by its financial information that the Group obtains;
- the counterparty considers bankruptcy or a financial reorganisation;
- there is adverse change in the payment status of the counterparty as a result of changes in the national or local economic conditions that impact the counterparty.

### **34.5 Value added tax**

Output value added tax related to sales is payable to tax authorities on the earlier of (a) collection of the receivables from customers or (b) delivery of goods or services to customers. Input VAT is generally recoverable against output VAT upon receipt of the VAT invoice. The tax authorities permit the settlement of VAT on a net basis. VAT related to sales and purchases is recognised in the statement of financial position on a gross basis and disclosed separately as an asset and liability. Where provision has been made for impairment of receivables, impairment loss is recorded for the gross amount of the debtor, including VAT.

### **34.6 Inventories**

Inventories comprise raw materials, finished goods, work in progress, catalytic agents, spare parts and other materials and supplies. Inventories are recorded at the lower of cost and net realisable value. Cost of inventory is determined on the weighted average basis. The cost of finished goods and work in progress comprises raw material, direct labour, other direct costs and related production overheads (based on normal operating capacity) but excludes borrowing costs. Net realisable value is the estimated selling price in the ordinary course of business, less the cost of completion and selling expenses.

### **34.7 Property, plant and equipment**

Property, plant and equipment are recorded at cost, restated where applicable to the equivalent purchasing power of the Russian Rouble at 31 December 2002 for assets acquired prior to 1 January 2003, less accumulated depreciation and provision for impairment, where required.

At each reporting date management assesses whether there is any indication of impairment of property, plant and equipment. If any such indication exists, the management estimates the recoverable amount, which is determined as the higher of an asset's fair value less cost to sell and its value in use. The carrying amount is reduced to the recoverable amount and the difference is recognised as an expense (impairment loss) in the statement of profit or loss and other comprehensive income. An impairment loss recognised for an asset in prior years is reversed if there has been a change in the estimates used to determine the assets recoverable amount. Gains and losses on disposals determined by comparing proceeds with carrying amount are recognised in the profit or loss.

Land is not depreciated. Depreciation on other items of property, plant and equipment is calculated to allocate cost of property, plant and equipment to their residual values on a straight-line basis. The depreciation periods, which approximate the estimated useful economic lives of the respective assets, are as follows:

	<b>Number of years</b>
Buildings	40 to 50
Plant and machinery	10 to 20
Other equipment and motor vehicles	5 to 20



The residual value of an asset is the estimated amount that the Group would currently obtain from disposal of the asset less the estimated costs of disposal, if the asset were already of the age and in the condition expected at the end of its useful life. The assets' residual values and useful lives are reviewed, and adjusted if appropriate, at each reporting date.

Management assesses the remaining useful life of property, plant and equipment in accordance with the current technical conditions of assets and the estimated period during which these assets will bring economic benefit to the Group.

Repair and maintenance expenditure is expensed as incurred. Major renewals and improvements are capitalised and the assets replaced are retired. Gains and losses arising from the retirement or disposal of property, plant and equipment are included in profit or loss.

Borrowing costs on specific or general funds borrowed to finance the construction of qualifying asset are capitalised, during the period of time that is required to complete and prepare the asset for its intended use. All other borrowing costs are expensed.

#### **34.8 Leasehold land**

Leases of land are classified as operating leases. The pre-paid lease payments are amortised over the lease period of 30 years on a straight-line basis.

#### **34.9 Intangible assets**

**Goodwill.** Goodwill on acquisitions of subsidiaries is presented separately in the consolidated statement of financial position. Goodwill is carried at cost less accumulated impairment losses, if any.

The Group tests goodwill for impairment at least annually and whenever there are indications that goodwill may be impaired. Goodwill is allocated to the cash-generating units, or groups of cash-generating units, that are expected to benefit from the synergies of the business combination. Such units or group of units represent the lowest level at which the Group monitors goodwill and are not larger than an operating segment. Gains or losses on disposal of an operation within a cash generating unit to which goodwill has been allocated include the carrying amount of goodwill associated with the operation disposed of, generally measured on the basis of the relative values of the operation disposed of and the portion of the cash-generating unit which is retained.

**Other intangible assets.** The entire Group's other intangible assets have definite useful lives and primarily include capitalised computer software, patents, acquired trademarks and licences. They are capitalised on the basis of the costs incurred to acquire and bring them to use. Intangible assets are amortised using the straight-line method over their useful lives, but not exceeding 20 years.

#### **34.10 Amortisation of exploration and evaluation licenses and expenditure**

Exploration and evaluation licenses and expenditure are amortised on a straight-line basis over expected term of site development, commencing upon readiness of processing facilities to produce ore usable for production of complex mineral fertilizers or for external sale.

#### **34.11 Borrowings**

**Borrowings** are stated at amortised cost using the effective interest method; any difference between fair value of the proceeds (net of transaction costs) and the redemption amount is recognised as interest expense over the period of the borrowings.

**Capitalisation of borrowing costs.** Borrowing costs directly attributable to the acquisition, construction or production of assets that necessarily take a substantial time to get ready for intended use or sale (qualifying assets) are capitalised as part of the costs of those assets. Capitalisation of borrowing costs continues up to the date when the assets are substantially ready for their use or sale.

The Group capitalises borrowing costs that could have been avoided if it had not made capital expenditure on qualifying assets. Borrowing costs capitalised are calculated at the group's average funding cost (the weighted average interest cost is applied to the expenditures on the qualifying assets), except to the extent that funds are borrowed specifically for the purpose of obtaining a qualifying asset. Where this occurs, actual borrowing costs incurred less any investment income on the temporary investment of those borrowings are capitalised.

#### **34.12 Income tax**

Income taxes have been provided for in the consolidated financial statements in accordance with the legislation of the countries, where most significant subsidiaries of the Group are located, enacted or substantively enacted by the end of the reporting period. The income tax charge comprises current tax and deferred tax and is recognised in the profit or loss except if it is recognised in other comprehensive income or directly in equity because it relates to transactions that are also recognised, in the same or a different period, in other comprehensive income or directly in equity.

Current income tax is the amount expected to be paid to or recovered from the taxation authorities in respect of taxable profits or losses for the current and prior periods. Taxes, other than on income, are recorded within operating expenses.

Deferred income tax is provided using the balance sheet liability method for tax loss carry forwards and temporary differences arising between the tax bases of assets and liabilities and their carrying amounts for financial reporting

purposes. In accordance with the initial recognition exemption, deferred taxes are not recorded for temporary differences on initial recognition of an asset or a liability in a transaction other than a business combination if the transaction, when initially recorded, affects neither accounting nor taxable profit. Deferred tax liabilities are not recorded for temporary differences on initial recognition of goodwill and subsequently for goodwill which is not deductible for tax purposes. Deferred tax balances are measured at tax rates enacted or substantively enacted at the reporting date, which are expected to apply to the period when the temporary differences will reverse or the tax loss carry forwards will be utilised. Deferred tax assets and liabilities are netted only within the individual companies of the Group. Deferred tax assets for deductible temporary differences and tax loss carry forwards are recorded only to the extent that it is probable that future taxable profit will be available against which the deductions can be utilised.

Deferred income tax is provided on post acquisition retained earnings of subsidiaries, except where the Group controls the subsidiary's dividend policy and it is probable that the difference will not reverse through dividends or otherwise in the foreseeable future.

The Group's uncertain tax positions are reassessed by management at the end of each reporting period. Liabilities are recorded for income tax positions that are determined by management as more likely than not to result in additional taxes being levied if the positions were to be challenged by the tax authorities. The assessment is based on the interpretation of tax laws that have been enacted or substantively enacted by the end of the reporting period and any known court or other rulings on such issues. Liabilities for penalties, interest and taxes other than on income are recognised based on management's best estimate of the expenditure required to settle the obligations at the end of the reporting period.

### **34.13 Foreign currency transactions**

**Foreign currency translation.** For the Company and its subsidiaries monetary assets and liabilities are translated into each entity's functional currency at the official exchange rate of the Central Bank at the respective ends of the reporting periods. Foreign exchange gains and losses resulting from the settlement of the transactions and from the translation of monetary assets and liabilities into each entity's functional currency at year-end official exchange rates of the Central Bank are recognised in profit or loss. Translation at year-end rates does not apply to non-monetary items. Effects of exchange rate changes on the fair value of equity securities are recorded as part of the fair value gain or loss.

Foreign exchange gains and losses on operating items are presented within other operating expenses, foreign exchange gain and losses on finance items are presented within net finance income.

**Translation from functional to presentation currency.** The results and financial position of each group entity (functional currency of none of which is a currency of a hyperinflationary economy) are translated into the presentation currency as follows:

- (i) assets and liabilities for each statement of financial position presented are translated at the closing rate at the date of that statement of financial position;
- (ii) income and expenses for each statement of profit or loss and other comprehensive income are translated at average exchange rates (unless this average is not a reasonable approximation of the cumulative effect of the rates prevailing on the transaction dates, in which case income and expenses are translated at the dates of the transactions); and
- (iii) components of equity are translated at the historic rate; and
- (iv) all resulting exchange differences are recognised in other comprehensive income.

Goodwill and fair value adjustments arising on the acquisition of a foreign entity are treated as assets and liabilities of the foreign entity and translated at the closing rate. When a subsidiary is disposed of through sale, liquidation, repayment of share capital or abandonment of all, or part of, that entity, the exchange differences deferred in equity are reclassified from other comprehensive income to profit or loss.

At 31 December 2016 the principal rate of exchange used for translating foreign currency balances was USD 1 = RUB 60.6569, USD 1 = CNY 6.9437, EUR 1 = RUB 63.8111 (31 December 2015: USD 1 = RUB 72.8827, USD 1 = CNY 6.4907, EUR 1 = RUB 79.6972). Exchange restrictions and controls exist relating to converting Russian Roubles into other currencies.

### **34.14 Provisions for liabilities and charges**

Provisions are recognised when the Group has a present legal or constructive obligation as a result of past events, it is probable that an outflow of resources will be required to settle the obligation, and a reliable estimate of the amount can be made. Where the Group expects a provision to be reimbursed, for example under an insurance contract, the reimbursement is recognised as a separate asset but only when the reimbursement is virtually certain.

Provisions are evaluated and re-estimated annually, and are included in the financial statements at their expected net present values using discount rates appropriate to the Company or its subsidiaries in applicable economic environment at each end of the reporting period.

Provisions are measured at the present value of management's best estimate of the expenditure required to settle the present obligation at the reporting date. Provisions are reassessed annually and changes in provisions resulting from the passage of time are reflected in the consolidated income statement each year within interest expense. Other changes in provisions related to a change in the expected repayment plan, in the estimated amount of the obligation

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or in the discount rates, are treated as a change in an accounting estimate in the period of the change and, with the exception of provision for restoration liabilities, reflected in the consolidated income statement.

Provisions for restoration liability are recognised when the Group has a present legal or constructive obligation to dismantle, remove and restore items of property, plant and equipment. The amount of the provision is the present value of the estimated expenditures expected to be required to settle the liability, determined using pretax risk free discount rates adjusted for risks specific to the liability. Changes in the provision resulting from the passage of time are recognised as interest expense. Changes in the provision, which is reassessed at each reporting date, related to a change in the expected pattern of settlement of the liability, or in the estimated amount of the provision or in the discount rates, are treated as a change in an accounting estimate in the period of change. Such changes are reflected as adjustments to the carrying value of property, plant and equipment and the corresponding liability.

#### **34.15 Shareholders' equity**

**Share capital.** Ordinary shares are classified as equity. Incremental costs directly attributable to the issue of new shares are shown in equity as a deduction, net of tax, from the proceeds. Any excess of the fair value of consideration received over the par value of shares issued is presented in the notes as a share premium.

**Treasury shares.** Where any Group company purchases the Company's equity share capital, the consideration paid, including any directly attributable incremental costs (net of income taxes) is deducted from equity attributable to the Company's owners until the shares are cancelled, reissued or disposed of. Where such shares are subsequently sold or reissued, any consideration received, net of any directly attributable incremental transaction costs and the related income tax effects, is included in equity attributable to the Company's owners. Treasury shares are stated at weighted average cost. Any gains/losses arising from the transactions with treasury shares are included in other reserves.

**Dividends.** Dividends are recognised as a liability and deducted from equity at the reporting date only if they are declared and approved before or on the reporting date. Dividends are disclosed when they are proposed before the reporting date or proposed or declared after the balance sheet date but before the financial statements are authorised for issue.

**Accounting treatment for put options to be settled in shares of Company.** The subsidiaries sell to non-controlling shareholders own shares linked to put option. This gives to non-controlling shareholders the right to sell the Group those shares in exchange for a variable number of Company's shares. If at the option exercise date the Group has no obligation to deliver cash or another financial asset, the subsidiary's shares that are held by non-controlling interest holders are presented as equity and the put options are recognised as derivative financial liabilities. Such options are accounted at fair value with changes recognised in profit or loss for the period in accordance with IAS 39.

On initial recognition of the liability, the debit entry is to other equity. The interests of non-controlling shareholders that hold the written put options or forwards (in respect of those shares) are not derecognised when the financial liability is recognised.

**Accounting treatment for call options over subsidiary shares.** The Group buys the call options issued by third parties, which entitle to buy (from this third party) the shares in a subsidiary. Initially the call option is recognised in capital of the owner's of the Company for credit side and on as a derivative financial asset for debit side. Further it is accounted at fair value with changes are recognised in profit or loss in accordance with IAS 39.

#### **34.16 Revenue recognition**

Revenues from sales of chemical fertilisers and related by-products are recognised at the point of transfer of risks and rewards of ownership of the goods, normally when the goods are shipped. If the Group agrees to transport goods to a specified location, revenue is recognised when the goods are passed to the customer at the destination point.

Sales of services are recognised in the accounting period in which the services are rendered, by reference to stage of completion of the specific transaction assessed on the basis of the actual service provided as a proportion of the total services to be provided. Sales are shown net of VAT, custom duties and discounts, and after eliminating sales within the Group. Revenues are measured at the fair value of the consideration received or receivable. When the fair value of consideration received cannot be measured reliably, the revenue is measured at the fair value of the goods or service given up.

#### **34.17 Mutual cancellations**

A portion of sales and purchases are settled by mutual settlements or non-cash settlements. These transactions are generally in the form of direct settlements through cancellation of mutual trade receivables and payables balances within the operational contracts. Non-cash settlements include promissory notes or bills of exchange, which are negotiable debt obligations. Sales and purchases that are expected to be settled by mutual settlements or other non-cash settlements are recognised based on the estimate of the fair value to be received or given up in non-cash settlements. The fair value is determined with reference to various market information. Non-cash transactions have been excluded from the consolidated cash flow statement, so investing activities, financing activities and the total of operating activities represent actual cash transactions.

The Group also accepts bills of exchange from its customers (both issued by customers and third parties) as a settlement of receivables. A provision for impairment of bills of exchange is established when there is objective evidence that the Group will not be able to collect all amounts due according to the original terms. The amount of the provision

is the difference between the asset's carrying amount and the present value of estimated future cash flows, discounted at the original effective interest rate.

#### **34.18 Employee benefits**

Wages, salaries, contributions to the Russian Federation state pension and social insurance funds, paid annual leave and sick leave, bonuses, and non-monetary benefits (such as health services and kindergarten services) are accrued in the year in which the associated services are rendered by the employees of the Group and are included within labour costs in operating expenses.

**Social costs.** The Group incurs significant costs on social activities. These costs include the provision of health services, kindergartens, and the subsidy of worker holidays. These amounts represent an implicit cost of employing principally production workers and other staff and, accordingly, have been charged to operating expenses.

**Pension costs.** In the normal course of business the Group contributes to state pension schemes on behalf of its employees. Mandatory contributions to the governmental pension scheme are accrued in the year in which the associated services are rendered by the employees of the Group. The Group recognises these contributions as part of labour costs.

#### **34.19 Financial assets and liabilities**

**Classification of financial assets.** Financial assets have the following categories: (a) loans and receivables; (b) available-for-sale financial assets; (c) financial assets at fair value through profit or loss. Financial assets at fair value through profit or loss have two subcategories: (i) assets designated as such upon initial recognition, and (ii) those classified as held for trading.

Trading investments are financial assets which are either acquired for generating a profit from short-term fluctuations in price or trader's margin, or are securities included in a portfolio in which a pattern of short-term trading exists. The Group classifies securities into trading investments if it has an intention to sell them within a short period after purchase, i.e. within 12 months.

Loans and receivables are unquoted non-derivative financial assets with fixed or determinable payments other than those that the Group intends to sell in the near term. All other financial assets are included in the available-for-sale category, which includes investment securities which the Group intends to hold for an indefinite period of time and which may be sold in response to needs for liquidity or changes in interest rates, exchange rates or equity prices.

**Initial recognition of financial instruments.** Financial assets and liabilities are initially recorded at fair value plus transaction costs. Fair value at initial recognition is best evidenced by the transaction price. A gain or loss on initial recognition is only recorded if there is a difference between fair value and transaction price which can be evidenced by other observable current market transactions in the same instrument or by a valuation technique whose inputs include only data from observable markets.

All purchases and sales of financial assets that require delivery within the time frame established by regulation or market convention (“regular way” purchases and sales) are recorded at trade date, which is the date that the Group commits to deliver a financial asset. All other purchases are recognised when the entity becomes a party to the contractual provisions of the instrument.

**Derecognition of financial assets.** The Group derecognises financial assets when (a) the assets are redeemed or the rights to cash flows from the assets otherwise expired or (b) the Group has transferred the rights to the cash flows from the financial assets or entered into a qualifying pass-through arrangement while (i) also transferring substantially all the risks and rewards of ownership of the assets or (ii) neither transferring nor retaining substantially all risks and rewards of ownership but not retaining control. Control is retained if the counterparty does not have the practical ability to sell the asset in its entirety to an unrelated third party without needing to impose additional restrictions on the sale.

**Available-for-sale investments.** Available-for-sale investments are carried at fair value. Interest income on available for sale debt securities is calculated using the effective interest method and recognised in profit or loss. Dividends on available-for-sale equity instruments are recognised in profit or loss when the Group's right to receive payment is established and it is probable that the dividends will be collected. All other elements of changes in the fair value are recognised in other comprehensive income until the investment is derecognised or impaired at which time the cumulative gain or loss is removed from other comprehensive income to profit or loss.

Impairment losses are recognised in profit or loss when incurred as a result of one or more events (“loss events”) that occurred after the initial recognition of available-for-sale investments. A significant or prolonged decline in the fair value of an equity security below its cost is an indicator that it is impaired. The cumulative impairment loss – measured as the difference between the acquisition cost and the current fair value, less any impairment loss on that asset previously recognised in profit or loss – is removed from other comprehensive income and recognised in profit or loss. Impairment losses on equity instruments 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 recognised in profit or loss, the impairment loss is reversed through current period's profit or loss.

**Investment in equity accounted investees.** Started from 1 January 2014 the Group made accounting policy choice regarding accounting of changes in status of equity-accounted investees. In accordance with chosen method performed

remeasurement of previously held interest through profit or loss. Available-for-sale revaluation reserve reclassified to profit or loss. Implementation of this method taken place first (Note 13) and do not influence on opening balance.

**Derivative financial instruments.** As part of its financing activities the Group is also party to derivative financial instruments including foreign currency and interest rate swap contracts and put/call option on shares. The Group's policy is to measure these instruments at fair value with resultant gains or losses being reported within the profit and loss. The fair value of derivative financial instruments is determined using actual market data information and valuation techniques based on prevailing market interest rate for similar instruments as appropriate. All derivative instruments are carried as assets when fair value is positive and as liabilities when fair value is negative. The Group has no derivatives accounted for as hedges.

#### **34.20 Finance lease liabilities**

Where the Group is a lessee in a lease which transferred substantially all the risks and rewards incidental to ownership to the Group, the assets leased are capitalised in property, plant and equipment at the commencement of the lease at the lower of the fair value of the leased asset and the present value of the minimum lease payments. Each lease payment is allocated between the liability and finance charges so as to achieve a constant rate on the finance balance outstanding. The interest cost is charged to profit or loss over the lease period using the effective interest method. The assets acquired under finance leases are depreciated over their useful life or the shorter lease term if the Group is not reasonably certain that it will obtain ownership by the end of the lease term.

#### **34.21 Earnings per share**

The Group 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, which comprise share repurchase option.

#### **34.22 Segment reporting**

An operating segment is a component of the Group 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 Group's other components. All operating segments' operating results are reviewed regularly by the Group's chief operating decision maker to make decisions about resources to be allocated to the segment and assess its performance.

Segment results include items directly attributable to a segment as well as those that can be allocated on a reasonable basis.

Operating segments which external and inter-segment sales, assets, profit and loss are 10% or more from appropriate operational segments measure are reported separately.

#### **34.23 Exploration and evaluation expenditure**

Exploration and evaluation costs are capitalized. Capitalized costs are directly related to exploration and evaluation activities in the relevant area of interest and include acquisition of rights to explore, including cost related to compliance with license terms; topographical, geological, geochemical and geophysical studies; exploratory drilling; trenching and sampling; and activities in relation to evaluating the technical feasibility and commercial viability of extracting a mineral resource. In accordance with IFRS 6, Exploration for and Evaluation of Mineral Resources, exploration assets are measured applying the cost model described in IAS 16, Property, Plant and Equipment, after initial recognition. Exploration assets are not depreciated until the production phase.

The Group tests exploration and evaluation assets for impairment when there are facts and circumstances that suggest that the carrying value of the asset may not be recoverable.

#### **34.24 Development expenditure**

Development expenditure incurred by or on behalf of the Group is accumulated separately for each area of interest in which economically recoverable resources have been identified. Such expenditure comprises cost directly attributable to the construction of a mine and the related infrastructure. Once a development decision has been taken, the expenditure in respect of the area of interest is classified in “mining assets under construction” category and separately disclosed in Note 9. Costs incurred are tested for impairment upon commencement of development phase.

Development expenditure is reclassified as a “Mining and primary ore dressing assets” at the end of the commissioning phase, when the mine and surface infrastructure are capable of operating in the manner intended by management. No depreciation is recognised in respect of development expenditures until they are reclassified as “Mining and primary ore dressing assets”.

**35 New standards and interpretations not yet adopted**

A number of new Standards, amendments to Standards and Interpretations are effective for annual periods beginning after 1 January 2016 and have not been applied in preparing these consolidated financial statements. Of these pronouncements, potentially the following will have an impact on the Group’s operations. The Group plans to adopt these pronouncements when they become effective.

<b>New or amended standard</b>	<b>Summary of the requirements</b>	<b>Possible impact on consolidated financial statements</b>
Amendments to IAS 7 <i>Disclosure Initiative</i>	The amendments require disclosures that enable users of financial statements to evaluate changes in liabilities arising from financing activities, including both changes arising from cash flow and non-cash changes.  The amendments are effective for annual periods beginning on or after 1 January 2017, with early adoption permitted.	The Group is assessing the potential impact on its consolidated financial statements resulting from the application of Amendments to IAS 7.
Amendments to IAS 12 <i>Recognition of Deferred Tax Assets for Unrealised Losses</i>	The amendments clarify the accounting for deferred tax assets for unrealised losses on debt instruments measured at fair value.  The amendments are effective for annual periods beginning on or after 1 January 2017, with early adoption permitted.	The Group is assessing the potential impact on its consolidated financial statements resulting from the application of Amendments to IAS 12.
IFRS 9 <i>Financial instruments</i>	IFRS 9, published in July 2014, replaces the existing guidance in IAS 39 <i>Financial Instruments: Recognition and Measurement</i> . IFRS 9 includes revised guidance on the classification and measurement of financial instruments, including a new expected credit loss model for calculating impairment on financial assets, and the new general hedge accounting requirements. It also carries forward the guidance on recognition and derecognition of financial instruments from IAS 39.  IFRS 9 is effective for annual reporting periods beginning on or after 1 January 2018, with early adoption permitted.	The Group is assessing the potential impact on its consolidated financial statements resulting from the application of IFRS 9.
IFRS 15 <i>Revenue from Contracts with Customers</i>	IFRS 15 establishes a comprehensive framework for determining whether, how much and when revenue is recognised. It replaces existing revenue recognition guidance, including IAS 18 <i>Revenue</i> , IAS 11 <i>Construction Contracts</i> and IFRIC 13 <i>Customer Loyalty Programmes</i> .  IFRS 15 is effective for annual reporting periods beginning on or after 1 January 2018, with early adoption permitted.  The core principle of the new standard is that an entity recognises revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. The new standard results in enhanced disclosures about revenue, provides guidance for transactions that were not previously addressed comprehensively and improves guidance for multiple-element arrangements.	The Group is assessing the potential impact on its consolidated financial statements resulting from the application of IFRS 15.

**Public Joint Stock Company “Acron”**

**Notes to the Consolidated Financial Statements for the year ended 31 December 2016**

*(in millions of Russian Roubles, except for per share amounts)*

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IFRS 16 Leases	<p>IFRS 16 introduces a single, on-balance lease sheet accounting model for lessees. A lessee recognises a right-of-use asset representing its right to use the underlying asset and a lease liability representing its obligation to make lease payments. There are optional exemptions for short-term leases and leases of low value items. Lessor accounting remains similar to the current standard – i.e. lessors continue to classify leases as finance or operating leases.</p> <p>IFRS 16 replaces existing leases guidance including IAS 17 Leases, IFRIC 4 Determining whether an Arrangement contains a Lease, SIC-15 Operating Leases—Incentives and SIC-27 Evaluating the Substance of Transactions Involving the Legal Form of a Lease.</p> <p>The standard is effective for annual periods beginning on or after 1 January 2019. Early adoption is permitted for entities that apply IFRS 15 Revenue from Contracts with Customers at or before the date of initial application of IFRS 16.</p>	<p>The Group is assessing the potential impact on its consolidated financial statements resulting from the application of IFRS 16.</p>
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