

Vale S.A.  
Form 6-K  
February 28, 2013  
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**United States  
Securities and Exchange Commission**

Washington, D.C. 20549

**FORM 6-K**

**Report of Foreign Private Issuer  
Pursuant to Rule 13a-16 or 15d-16  
of the  
Securities Exchange Act of 1934**

**For the month of**

**February, 2013**

**Vale S.A.**

**Avenida Graça Aranha, No. 26  
20030-900 Rio de Janeiro, RJ, Brazil**

(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

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(Check One) Form 20-F  Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1)

(Check One) Yes  No

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7)

(Check One) Yes  No

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

(Check One) Yes  No

If  Yes is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b). 82- .

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**Financial Statements**

**December 31, 2012**

**BR GAAP/IFRS**

Filed with the CVM, SEC and HKEx on

February 27, 2013



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Vale S.A.

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**Independent auditor's report**

To the Board of Directors and Shareholders

Vale S.A.

We have audited the accompanying consolidated financial statements of Vale S.A. and its subsidiaries (the Company), which comprise the consolidated balance sheet as at December 31, 2012 and the consolidated statements of income, comprehensive income, changes in equity and cash flows for the year then ended, and a summary of significant accounting policies and other explanatory information.

**Management's responsibility for  
the consolidated financial statements**

Management is responsible for the preparation and fair presentation of these consolidated financial statements in accordance with the International Financial Reporting Standards (IFRS) issued by the International Accounting Standards Board (IASB), 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.

**Auditor's responsibility**

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

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error.

In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the consolidated financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements.

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

### **Opinion**

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of Vale S.A. and its subsidiaries as at December 31, 2012, and their financial performance and their cash flows for the year then ended, in accordance with the International Financial Reporting Standards (IFRS) issued by the International Accounting Standards Board (IASB).

Rio de Janeiro, February 27, 2012

PricewaterhouseCoopers  
Auditores Independentes  
CRC 2SP000160/O-5 F RJ

João César de Oliveira Lima Júnior  
Contador CRC 1RJ077431/O-8

Table of Contents**Balance Sheet**

In millions of Brazilian reais

	Notes	December 31, 2012	Consolidated December 31, 2011	January 1, 2011	Parent Company December 31, 2012	December 31, 2011
<b>Assets</b>						
<b>Current assets</b>						
Cash and cash equivalents	7	11,918	6,593	12,636	688	575
Short-term investments	8	506	-	2,987	43	-
Derivatives at fair value	25	575	1,112	87	500	574
Accounts receivable	9	13,885	15,889	13,681	21,839	15,809
Related parties	30	786	154	160	1,347	2,561
Inventories	10	10,320	9,833	7,161	3,283	3,183
Recoverable taxes	12	4,620	4,190	2,671	2,071	2,317
Advances to suppliers		523	733	313	242	382
Others		1,973	1,647	1,010	574	183
		<b>45,106</b>	<b>40,151</b>	<b>40,706</b>	<b>30,587</b>	<b>25,584</b>
Non-current Assets held for sale	11	935	-	11,877	-	-
		<b>46,041</b>	<b>40,151</b>	<b>52,583</b>	<b>30,587</b>	<b>25,584</b>
<b>Non-current assets</b>						
Related parties	30	833	904	48	864	446
Loans and financing agreements to receive		502	399	273	188	158
Judicial deposits	18	3,095	2,735	2,884	2,474	2,091
Deferred income tax and social contribution	20	8,134	3,539	2,263	5,558	2,109
Recoverable taxes	12	1,343	1,097	601	255	201
Derivatives at fair value	25	93	112	502	3	96
Reinvestment tax incentive		327	429	238	302	429
Others		1,234	1,095	788	458	389
		<b>15,561</b>	<b>10,310</b>	<b>7,597</b>	<b>10,102</b>	<b>5,919</b>
Investments	13	13,044	14,984	7,321	123,871	113,150
Intangible assets	14	18,822	17,789	16,829	14,664	13,974
Property, plant and equipment, net	15	173,455	153,855	126,656	61,231	55,503
		<b>220,882</b>	<b>196,938</b>	<b>158,403</b>	<b>209,868</b>	<b>188,546</b>
<b>Total assets</b>		<b>266,923</b>	<b>237,089</b>	<b>210,986</b>	<b>240,455</b>	<b>214,130</b>



Table of Contents**Balance Sheet**

In millions of Brazilian reais

(continued)

	Notes	December 31, 2012	Consolidated December 31, 2011	January 1, 2011	Parent Company December 31, 2012	December 31, 2011
<b>Liabilities</b>						
<b>Current liabilities</b>						
Suppliers and contractors		9,255	8,851	5,928	4,178	3,504
Payroll and related charges		3,025	2,442	1,889	2,001	1,582
Derivatives at fair value	25	710	136	58	558	117
Current portion of long-term debt	17	7,093	2,807	4,707	5,328	892
Short-term debt	17		40	232		
Related parties	30	423	43	35	6,434	4,959
Taxes payable and royalties		664	979	440	333	330
Provision for income taxes		1,310	955	1,251	370	
Employee post retirement benefits obligations	21	420	316	313	220	141
Railway sub-concession agreement payable		133	123	125		
Asset retirement obligations	19	143	136			21
Dividends and interest on capital			2,207	8,068		2,207
Others		2,168	1,650	1,582	751	400
		<b>25,344</b>	<b>20,685</b>	<b>24,628</b>	<b>20,173</b>	<b>14,153</b>
Liabilities directly associated with assets held for sale	11	327		5,340		
		<b>25,671</b>	<b>20,685</b>	<b>29,968</b>	<b>20,173</b>	<b>14,153</b>
<b>Non-current liabilities</b>						
Derivatives at fair value	25	1,601	1,239	102	1,410	953
Long-term debt	17	54,763	40,225	35,978	26,867	18,596
Related parties	30	146	171	3	29,363	28,654
Employee post retirement benefits obligations	21	3,390	2,846	3,337	544	406
Provisions for contingencies	18	4,218	3,145	3,409	2,867	1,928
Deferred income tax and social contribution	20	7,754	10,614	12,828		
Asset retirement obligations	19	5,472	3,427	2,404	1,625	1,095
Stockholders' Debentures	29	3,379	2,496	2,139	3,379	2,496
Redeemable noncontrolling interest		995	943	1,186		
Others		3,901	4,617	3,306	1,839	2,374
		<b>85,619</b>	<b>69,723</b>	<b>64,692</b>	<b>67,894</b>	<b>56,502</b>
<b>Total liabilities</b>		<b>111,290</b>	<b>90,408</b>	<b>94,660</b>	<b>88,067</b>	<b>70,655</b>

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<b>Stockholders equity</b>	24				
Preferred class A stock - 7,200,000,000 no-par-value shares authorized and 2,108,579,618 (2011 - 2,108,579,618) issued	29,475	29,475	19,650	29,475	29,475
Common stock - 3,600,000,000 no-par-value shares authorized and 3,256,724,482 (2011 - 3,256,724,482) issued	45,525	45,525	30,350	45,525	45,525
Mandatorily convertible votes - common shares		360	445		360
Mandatorily convertible votes - preferred shares		796	996		796
Treasury stock - 140,857,692 (2011 - 181,099,814) preferred and 71,071,482 (2011 - 86,911,207) common shares	(7,838)	(9,917)	(4,826)	(7,838)	(9,919)
Results from operations with noncontrolling stockholders	(840)	(71)	685	(840)	(71)
Results in the translation/issuance of shares	50		1,867	50	
Unrealized fair value gain (losses)	(1,126)	220	(25)	(1,126)	220
Cumulative translation adjustments	8,692	(1,017)	(9,512)	8,692	(1,017)
Retained earnings	78,450	78,105	72,487	78,450	78,106
<b>Total company stockholders equity</b>	<b>152,388</b>	<b>143,476</b>	<b>112,117</b>	<b>152,388</b>	<b>143,475</b>
Noncontrolling interests	3,245	3,205	4,209		
<b>Total stockholders equity</b>	<b>155,633</b>	<b>146,681</b>	<b>116,326</b>	<b>152,388</b>	<b>143,475</b>
<b>Total liabilities and stockholders equity</b>	<b>266,923</b>	<b>237,089</b>	<b>210,986</b>	<b>240,455</b>	<b>214,130</b>

The accompanying notes are an integral part of these Financial Statements.

Table of Contents**Consolidated Statement of Income**

In millions of Brazilian reais, except as otherwise stated

	Notes	Year ended	
		December 31, 2012	December 31, 2011
Net operating revenue		93,511	102,019
Cost of goods solds and services rendered	27	(51,997)	(42,451)
<b>Gross profit</b>		<b>41,514</b>	<b>59,568</b>
<b>Operating (expenses) income</b>			
Selling and administrative expenses	27	(4,381)	(3,985)
Research and development expenses	27	(2,912)	(2,822)
Other operating expenses, net	27	(7,216)	(4,836)
Impairment of assets		(8,211)	
Realized gain (loss) on non-current assets held for sales		(1,036)	2,492
		<b>(23,756)</b>	<b>(9,151)</b>
<b>Operating profit</b>		<b>17,758</b>	<b>50,417</b>
Financial income	28	2,619	4,494
Financial expenses	28	(11,024)	(10,846)
Equity results from associates	13	1,241	1,857
Impairment of investment		(4,002)	
<b>Income before income tax and social contribution</b>		<b>6,592</b>	<b>45,922</b>
<b>Income tax and social contribution</b>			
Current tax	20	(4,987)	(9,077)
<b>Deferred</b>			
Deferred of year	20	1,776	563
Reversal of Deferred Income Tax liabilities (see note 6.b.)		2,533	
Effect of income tax on impairment		3,319	
		<b>2,641</b>	<b>(8,514)</b>
<b>Net income of the year</b>		<b>9,233</b>	<b>37,408</b>
Loss attributable to non-controlling interests		(501)	(406)
<b>Net income attributable to the Company's stockholders</b>		<b>9,734</b>	<b>37,814</b>
<b>Earnings per share attributable to the Company's stockholders:</b>			
<b>Basic and diluted earnings per share:</b>			
Preferred share and Common (in Brazilian reais)		1.91	7.21

The accompanying notes are an integral part of these Financial Statements.



Table of Contents**Parent Company Statement of Income**

In millions of Brazilian reais, except as otherwise stated

	Notes	Year ended	
		December 31, 2012	December 31, 2011
Net operating revenue		57,429	66,082
Cost of goods sold and services rendered	27	(24,245)	(20,958)
<b>Gross profit</b>		<b>33,184</b>	<b>45,124</b>
<b>Operating (expenses) income</b>			
Selling and administrative expenses	27	(2,339)	(2,176)
Research and development expenses	27	(1,619)	(1,460)
Other operating expenses, net	27	(3,023)	(1,704)
Impairment of assets		(5,968)	
Equity results from subsidiaries	13	(350)	5,647
Realized gain (loss) on non-current assets held for sales (equity on parent company) (*)		(1,036)	2,492
<b>Operating profit</b>		<b>18,849</b>	<b>47,923</b>
Financial income	28	1,566	2,958
Financial expenses	28	(10,084)	(8,552)
Equity results from joint controlled entities and associates	13	1,241	1,857
Impairment of investments		(1,804)	
<b>Income before income tax and social contribution</b>		<b>9,768</b>	<b>44,186</b>
<b>Income tax and social contribution</b>			
Current	20	(3,492)	(6,671)
Deferred	20	816	299
Effect of income tax on impairment		2,642	
		<b>(34)</b>	<b>(6,372)</b>
<b>Net income of the exercise</b>		<b>9,734</b>	<b>37,814</b>
<b>Earnings per share:</b>			
<b>Basic and diluted earnings per share:</b>			
Preferred share and Common (in brazilian reais)		1.91	7.21

(\*) Except for the loss of R\$ 722 in 2012 about coal assets sale, recorded in other operating expenses.

The accompanying notes are an integral part of these Financial Statements.

Table of Contents**Statement of Other Comprehensive Income**

In millions of Brazilian reais

	Consolidated Year ended	
	December 31, 2012	December 31, 2011
<b>Net income</b>	<b>9,233</b>	<b>37,408</b>
Cumulative translation adjustments	10,073	8,828
<b>Unrealized gain (loss) on available-for-sale investments</b>		
Gross balance as of the year end	(3)	6
	<b>(3)</b>	<b>6</b>
<b>Cash flow hedge</b>		
Gross balance as of the year end	(230)	219
Effect of tax	(12)	21
	<b>(242)</b>	<b>240</b>
<b>Total comprehensive income of the year</b>	<b>19,061</b>	<b>46,482</b>
<b>Comprehensive income attributable to noncontrolling interests</b>	(137)	(72)
<b>Comprehensive income attributable to the Company's stockholders</b>	<b>19,198</b>	<b>46,554</b>
	<b>19,061</b>	<b>46,482</b>

	Parent Company Year ended	
	December 31, 2012	December 31, 2011
<b>Net income</b>	<b>9,734</b>	<b>37,814</b>
<b>Other comprehensive income</b>		
Cumulative translation adjustments	9,709	8,495
<b>Unrealized gain (loss) on available-for-sale investments</b>		
Gross balance as of the year end	(2)	6
Effect of tax	(1)	
	<b>(3)</b>	<b>6</b>
<b>Cash flow hedge</b>		
Gross balance as of the year end	(229)	218
Effect of tax	(13)	21
	<b>(242)</b>	<b>239</b>
<b>Total comprehensive income of the year</b>	<b>19,198</b>	<b>46,554</b>

The accompanying notes are an integral part of these Financial Statements.





Table of Contents**Statement of Changes in Equity**

In millions of Brazilian reais

	Capital	Results in the translation of shares	Mandatorily convertible notes	Revenue reserves	Treasury stock	Unrealized fair value gain (losses)	Year ended Gain (loss) from operation with noncontrolling stockholders	Cumulative translation adjustment	Retained earnings	Total Company stockholders equity	Noncontrolling stockholders' equity
<b>January 01, 2011</b>	<b>50,000</b>	<b>1,867</b>	<b>1,441</b>	<b>72,487</b>	<b>(4,826)</b>	<b>(25)</b>	<b>685</b>	<b>(9,512)</b>		<b>112,117</b>	
<b>Net income of the year</b>									37,814		37,814
Capitalization of reserves	25,000	(1,867)		(23,133)							
Capitalization of noncontrolling stockholders advances											
Gain on conversion of shares					(5,091)						(5,091)
Additional remuneration for mandatorily convertible notes			(285)								(285)
Cash flow hedge, net of taxes						239					239
Unrealized results on valuation at market						6					6
Translation adjustments for the year								8,495			8,495
Dividends to noncontrolling stockholders											
Redeemable noncontrolling stockholders interest											
Acquisitions and disposal of noncontrolling stockholders							(756)				(756)

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<b>Destination of earnings:</b>									
Interim dividends								(2,207)	(2,207)
Additional remuneration proposed								(6,856)	(6,856)
Appropriation to undistributed retained earnings			28,751					(28,751)	
<b>December 31, 2011</b>	<b>75,000</b>	<b>1,156</b>	<b>78,105</b>	<b>(9,917)</b>	<b>220</b>	<b>(71)</b>	<b>(1,017)</b>		<b>143,476</b>
<b>Net income of the year</b>								9,734	9,734
Capitalization of noncontrolling stockholders advances									
Remuneration for mandatorily convertible notes		(128)							(128)
Cash flow hedge, net of taxes					(242)				(242)
Unrealized results on valuation at market					(3)				(3)
Translation adjustments for the year							9,709		9,709
Dividends to noncontrolling stockholders									
Redeemable noncontrolling stockholders interest									
Acquisitions and disposal of noncontrolling stockholders							(769)		(769)
Gain on conversion of shares	50	(1,028)	2,079		(1,101)				
Realization of expansion and investment reserve			(740)					740	
<b>Destination of earnings:</b>									
Appropriation to undistributed retained earnings			1,085					(1,085)	
Remuneration intermediate								(9,389)	(9,389)
<b>December 31, 2012</b>	<b>75,000</b>	<b>50</b>	<b>78,450</b>	<b>(7,838)</b>	<b>(1,126)</b>	<b>(840)</b>	<b>8,692</b>		<b>152,388</b>

The accompanying notes are an integral part of these Financial Statements.



Table of Contents**Consolidated Statement of Cash Flows****In millions of Brazilian reais**

	Year ended	
	December 31, 2012	December 31, 2011
<b>Cash flow from operating activities:</b>		
Net income	9,233	37,408
<b>Adjustments to reconcile net income to cash from operations</b>		
Results of equity investments and associates	(1,241)	(1,857)
Realized losses (gains) on assets held for sale	1,036	(2,492)
Depreciation, amortization and depletion	8,397	6,638
Deferred income tax and social contribution	(1,776)	(563)
Reversal of deferred income tax	(2,533)	
Deferred Income Tax of impairment	(3,319)	
Foreign exchange and indexation (gain) losses, net	3,590	5,156
Impairment on assets	12,213	
Loss on disposal of property, plant and equipment	422	435
Unrealized derivative (gains) losses, net	1,236	957
Stockholders' Debentures	212	412
Others	218	(208)
<b>Decrease (increase) in assets:</b>		
Accounts receivable from customers	3,704	(1,940)
Inventories	(451)	(2,364)
Recoverable taxes	425	(900)
Others	441	(862)
<b>Increase (decrease) in liabilities:</b>		
Suppliers and contractors	47	2,288
Payroll and related charges	550	502
Taxes and contributions	(301)	(3,026)
Others	978	105
<b>Net cash provided by operating activities</b>	<b>33,081</b>	<b>39,689</b>
<b>Cash flow from investing activities:</b>		
Short-term investments	(506)	2,987
Loans and advances	609	(177)
Guarantees and deposits	(232)	(363)
Additions to investments	(892)	(1,362)
Additions to property, plant and equipment	(31,993)	(26,311)
Dividends/interest on capital received from Joint controlled entities and associates	932	1,766
Proceeds from disposal of investments held for sale	1,989	1,795
Acquisitions/sales of subsidiaries		
<b>Net cash used in investing activities</b>	<b>(30,093)</b>	<b>(21,665)</b>
<b>Cash flow from financing activities:</b>		
<b>Short-term debt</b>		

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Additions	1,067	2,313
Repayments	(1,106)	(1,601)
Long-term debt	16,812	2,407
<b>Repayments:</b>		
Financial institutions	(2,054)	(4,659)
Dividends and interest on capital paid to stockholders	(11,596)	(15,053)
Dividends and interest on capital attributed to noncontrolling interest	(90)	(72)
Transactions with noncontrolling stockholders	(793)	(2,084)
Capital increase		
Repurchase of treasury stock		(5,092)
<b>Net cash provided by (used in) financing activities</b>	<b>2,240</b>	<b>(23,841)</b>
Increase (decrease) in cash and cash equivalents	5,228	(5,817)
Cash and cash equivalents of cash, beginning of the year	6,593	12,175
Effect of exchange rate changes on cash and cash equivalents	97	235
Cash and cash equivalents from new incorporated subsidiary		
<b>Cash and cash equivalents, end of the year</b>	<b>11,918</b>	<b>6,593</b>
<b>Cash paid during the year for:</b>		
Short-term interest	(16)	(5)
Long-term interest	(2,572)	(1,893)
Income tax and social contribution	(2,320)	(11,662)
<b>Non-cash transactions:</b>		
Additions to property, plant and equipment - interest capitalization	684	289

Conversion of mandatory convertible notes using 56,081,560 treasury stocks. (Note 24c.)

The accompanying notes are an integral part of these Financial Statements.

Table of Contents**Parent Company Statement of Cash Flows****In millions of Brazilian reais**

	Year ended	
	December 31, 2012	December 31, 2011
<b>Cash flow from operating activities:</b>		
Net income	9,734	37,814
<b>Adjustments to reconcile net income to cash from operations</b>		
Results of equity investments	(891)	(7,504)
Realized gain on assets held for sale	1,036	(2,492)
Depreciation, amortization and depletion	2,563	1,964
Deferred income tax and social contribution	(816)	(299)
Deferred Income Tax of impairment	(2,642)	
Foreign exchange and indexation (gain) losses, net	4,363	7,003
Impairment on assets	7,772	
Loss on disposal of property, plant and equipment	372	383
Unrealized derivative (gains) losses, net	1,089	661
Dividends / interest on capital received from subsidiaries		2,196
Stockholders debentures	212	412
Others	(141)	(26)
<b>Decrease (increase) in assets:</b>		
Accounts receivable from customers	(6,030)	2,569
Inventories	267	(630)
Recoverable taxes	927	(433)
Others	932	(43)
<b>Increase (decrease) in liabilities:</b>		
Suppliers and contractors	675	640
Payroll and related charges	419	311
Taxes and contributions	349	(4,583)
Others	964	(463)
<b>Net cash provided by operating activities</b>	<b>21,154</b>	<b>37,480</b>
<b>Cash flow from investing activities:</b>		
Short-term investments	(43)	
Loans and advances	1,141	(33)
Guarantees and deposits	(226)	(72)
Additions to investments	(7,324)	(5,985)
Additions to property, plant and equipment	(15,699)	(14,615)
Dividends/interest on capital received from joint controlled entities and associates	1,190	
Proceeds from disposal of investments held for sale	745	
<b>Net cash used in investing activities</b>	<b>(20,216)</b>	<b>(20,705)</b>
<b>Cash flow from financing activities:</b>		
<b>Short-term debt</b>		
Additions	1,007	1,092

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Repayments	(4,604)	(5,064)
<b>Long-term debt</b>		
Additions	15,023	3,891
<b>Repayments:</b>		
Financial institutions	(655)	(891)
Dividends and interest on capital attributed to noncontrolling interest	(11,596)	(14,960)
Treasury stock		(5,091)
<b>Net cash provided by (used in) financing activities</b>	<b>(825)</b>	<b>(21,023)</b>
Increase (decrease) in cash and cash equivalents	113	(4,248)
Cash and cash equivalents of cash, beginning of the year	575	4,823
<b>Cash and cash equivalents, end of the year</b>	<b>688</b>	<b>575</b>
<b>Cash paid during the year for:</b>		
Short-term interest	(2)	(1)
Long-term interest	(1,892)	(1,904)
Income tax and social contribution	(312)	(9,638)
<b>Non-cash transactions:</b>		
Additions to property, plant and equipment - interest capitalization	28	(73)

Conversion of mandatory convertible notes using 56,081,560 treasury stocks. (Note 24c.)

The accompanying notes are an integral part of these Financial Statements.

Table of Contents**Consolidated Statement of Added Value**

In millions of Brazilian reais

	Year ended	
	December 31, 2012	December 31, 2011
<b>Generation of added value</b>		
<b>Gross revenue</b>		
Revenue from products and services	95,577	104,350
Gain (loss) on realization of assets available for sale	(1,036)	2,492
Other revenue	(2)	(11)
Revenue from the construction of own assets	29,673	28,389
Allowance for doubtful accounts	20	11
<b>Less:</b>		
Acquisition of products	(2,718)	(3,887)
Outsourced services	(19,319)	(16,593)
Materials	(26,508)	(26,807)
Oil and gas	(4,050)	(3,644)
Energy	(1,689)	(1,540)
Freight	(5,660)	(3,772)
Impairment	(12,213)	
Other costs and expenses	(13,406)	(10,763)
<b>Gross added value</b>	<b>38,669</b>	<b>68,225</b>
Depreciation, amortization and depletion	(8,397)	(6,638)
<b>Net added value</b>	<b>30,272</b>	<b>61,587</b>
<b>Received from third parties</b>		
Financial income	1,760	2,944
Equity results	1,241	1,857
<b>Total added value to be distributed</b>	<b>33,273</b>	<b>66,388</b>
Personnel	9,120	7,342
Taxes, rates and contribution	7,396	3,828
Current income tax	4,987	9,077
Deferred income tax	(7,628)	(563)
Remuneration of debt capital	6,019	5,829
Monetary and exchange changes, net	4,146	3,467
Net income attributable to the Company's stockholders	9,734	37,814
Loss attributable to noncontrolling interest	(501)	(406)
<b>Distribution of added value</b>	<b>33,273</b>	<b>66,388</b>

The accompanying notes are an integral part of these Financial Statements.





Table of Contents**Parent Company Statement of Added Value**

In millions of Brazilian reais

	Year ended	
	December 31, 2012	December 31, 2011
<b>Generation of added value</b>		
<b>Gross revenue</b>		
Revenue from products and services	58,551	67,618
Gain (loss) on realization of assets available for sale	(1,036)	2,492
Revenue from the construction of own assets	16,166	14,824
Allowance for doubtful accounts	13	7
<b>Less:</b>		
Acquisition of products	(1,384)	(2,547)
Outsourced services	(11,313)	(9,222)
Materials	(13,054)	(13,602)
Fuel oil and gas	(2,382)	(1,964)
Energy	(1,207)	(862)
Impairment	(7,772)	
Other costs and expenses	(6,611)	(5,289)
<b>Gross added value</b>	<b>29,971</b>	<b>51,455</b>
Depreciation, amortization and depletion	(2,563)	(1,964)
<b>Net added value</b>	<b>27,408</b>	<b>49,491</b>
<b>Received from third parties</b>		
Financial income	799	1,825
Equity results	891	7,504
<b>Total added value to be distributed</b>	<b>29,098</b>	<b>58,820</b>
Personnel	4,674	3,989
Taxes, rates and contribution	5,339	3,226
Current income tax	3,492	6,671
Deferred income tax	(3,458)	(299)
Remuneration of debt capital	5,181	4,351
Monetary and exchange changes, net	4,136	3,068
Net income attributable to the Company's stockholders	9,734	9,063
Reinvested		28,751
<b>Distribution of added value</b>	<b>29,098</b>	<b>58,820</b>

The accompanying notes are an integral part of these Financial Statements.



Table of Contents**Notes to Financial Statements**

Expressed in millions of Brazilian Reais, unless otherwise stated

**1- Operational Context**

Vale S.A. ( Vale or Parent Company ) is a publicly-listed company with its headquarters at 26 Avenida Graça Aranha, Downtown, Rio de Janeiro, Brazil with shares traded on the stock exchanges of Sao Paulo ( BM&F BOVESPA ), New York ( NYSE ), Paris ( NYSE Euronext ) and Hong Kong ( HKEx ).

The Company and its direct and indirect subsidiaries ( Group , Company or we ) is principally engaged in the research, production and marketing of iron ore and pellets, nickel, fertilizer, copper, coal, manganese, iron alloys, cobalt, platinum group metals and precious metals. The Company also operates in the segments of energy, logistics and steel.

At December 31, 2012, our principal consolidated operating subsidiaries the following:

Subsidiaries	% ownership	% voting capital	Location	Principal activity
Compañia Minera Miski Mayo S.A.C	40.00	51.00	Peru	Fertilizers
Ferrovía Centro-Atlántica S. A.	99.99	99.99	Brazil	Logistics
Ferrovía Norte Sul S.A.	100.00	100.00	Brazil	Logistics
Mineração Corumbaense Reunida S.A.	100.00	100.00	Brazil	Iron ore and Manganese
PT Vale Indonesia Tbk	59.20	59.20	Indonesia	Nickel
Sociedad Contractual Minera Tres Valles	90.00	90.00	Chile	Copper
Vale Australia Pty Ltd.	100.00	100.00	Australia	Coal
Vale Canada Limited	100.00	100.00	Canada	Nickel
Vale Fertilizantes S.A	100.00	100.00	Brazil	Fertilizers
Vale International Holdings GMBH	100.00	100.00	Austria	Holding and Research
Vale International S.A	100.00	100.00	Switzerland	Holding and Trading
Vale Manganês S.A.	100.00	100.00	Brazil	Manganese and Ferroalloys
Vale Mina do Azul S.A.	100.00	100.00	Brazil	Manganese
Vale Moçambique S.A.	95.00	95.00	Mozambique	Coal
Vale Nouvelle-Calédonie SAS	80.50	80.50	New Caledonia	Nickel
Vale Oman Pelletizing Company LLC	70.00	70.00	Oman	Pellet
Vale Shipping Holding PTE Ltd.	100.00	100.00	Singapore	Logistics

**2 - Summary of the Main Accounting Practices and Accounting Estimates**

**a) Basis of preparation**

The consolidated financial statements of the Company have been prepared in accordance with the International Financial Reporting Standards ( IFRS ) as issued by the International Accounting Standards Board ( IASB ), and the interpretations issued by the International Financial Reporting Interpretations Committee ( IFRIC ), implemented in Brazil by the Accounting Pronouncements Committee ( CPC ) and interpretations ( ICPC ) and guidelines ( OCPC ), approved by the Securities Commission ( CVM ).

The individual financial statements of the Company have been prepared in accordance with accounting practices adopted in Brazil issued by CPC and is published in conjunction with the consolidated financial statements.

In the case of Vale, the accounting practices adopted in Brazil applicable to individual financial statements differ from IFRS applicable to separate financial statements, only the measurement of investments at equity method in subsidiaries, joint controlled entities and affiliates, as under the rules of IFRS would be the cost or at fair value.

The financial statements have been prepared under the historical cost convention adjusted to reflect the fair value of available for sale financial assets, and financial assets and liabilities (including derivative instruments) measured at fair value through the Statement of Income.

For certain contracts, we carry the risks concerning the transportation of the products and determine the freight price directly to our customer. However, for these contracts in 2011 and 2010 the major part of the freight related to CFR (Incoterm for cost and freight) for iron ore and pellets sales, was recorded as if Vale was acting as an agent, resulting in the net presentation of freight revenues. We revised the 2011 and 2010 income statement presentation to appropriately reflect the revenue of such sales by the total amount billed to customers and as a consequence present the related freight costs as cost of product sold and therefore we increase the 2011 sales of ore and metals in amount of R\$3,275 (R\$3,054 in 2010) with the corresponding increase in cost of ores and metals sold. The revision did not result in any other changes in the income statement presentation.

Table of Contents**b) Functional currency and presentation currency**

Items included in the financial statements of each of the Group's entities are measured using the currency of the primary economic environment in which the entity operates (the functional currency), which in the case of the Parent Company is the Brazilian Real ( R\$ or Reais ). For presentation purposes, these consolidated financial statements are presented in United States Dollars ( US\$ ) as a convenience to facilitate analysis by our international investors.

Operations in others currencies are translated into the functional currency of each entity using the actual exchange rates in force on the respective transaction dates. The foreign exchange gains and losses resulting from the settlement of these transactions and from the translation at the exchange rates in force at the end of the year, of monetary assets and liabilities in other currencies, are recognized in the Statement of Income as financial expense or income.

In 2011, based on an entity business assessment, the subsidiary Vale International changed its functional currency from the Brazilian Real to the US Dollar. This change did not have any significant effects on the financial statements presentation.

The exchange rates of the major currencies that impact our operations against the functional currency were:

	Exchange rates used for conversions in reais	
	December 31, 2012	December 31, 2011
US dollar - US\$	2.0435	1.8683
Canadian dollar - CAD	2.0546	1.8313
Australian dollar - AUD	2.1197	1.9092
Euro - EUR or	2.6954	2.4165

Translation differences on non-monetary financial assets and liabilities are recognized in income as part of fair value gain or loss. The exchange rate gain or loss of non-monetary financial assets, such as investments in shares classified as available for sale, are included in Stockholders equity under the caption Unrealized fair value gain (losses).

The net income and balance sheet of all Group entities whose functional currency is different from the presentation currency are translated into the presentation currency as follows: (i) The assets and liabilities for each Statement of Balance Sheet presented are translated at the closing rate at the Statement of Balance Sheet date; (ii) income and expenses for each Statement of Income are translated at the average exchange rates, except in specific transactions that, considering their relevance, are translated at the rate at the dates of transactions and; (iii) The components for each Stockholders equity are translated at the rate at the dates of transactions. All resulting exchange differences are recognized in a separate

component of the Stockholder's equity, named Cumulative Translation Adjustment .

**c) Consolidation and investments**

The consolidated financial statements reflect the balances of assets and liabilities and the transactions of the Parent Company and its direct and indirect subsidiaries. Subsidiaries over which control is achieved through other means, such as stockholders agreement, are also consolidated even if we hold less than 51% of the voting capital.

For associates, entities over which the Company has significant influence but not control, and jointly controlled entities, the investments are accounted for using the equity method.

Accounting practices of subsidiaries, joint ventures and associated companies are set to ensure consistency with the policies adopted by the Parent Company. Transactions between consolidated companies, as well as balances, unrealized profits and losses on these transactions are eliminated. Unrealized gains on operations with affiliates and joint controlled entities are eliminated on the proportion of Company's participation.

We evaluate the carrying value of our equity investment with reference to the publicly quoted market prices when available. If the quoted market price is lower than book value, and this decline is considered other than temporary, we will write-down our equity investments to the level of the quoted market value.

For interests in joint arrangements (e.g.: consortium agreements), the assets, liabilities and transactions of these enterprises are recognized in the proportion held by Vale.

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**d) Business Combinations**

When Vale acquires control over an entity, the identifiable assets acquired the liabilities and contingent liabilities assumed and the noncontrolling stockholders' interests recognized are measured initially at their fair values at the acquisition date.

The excess of the consideration transferred plus the fair value as at the acquisition date of any previous equity interests in the acquiree, over the fair value of the identifiable net assets acquired is recorded as goodwill, which is allocated to each cash-generating unit.

**e) Segment Information**

Operating and geographic segments are reported consistently with the internal reporting provide to, and used by, the Company's decision makers when evaluating performance and taking investment decisions. The financial information is analyzed under the following operating segment as follows:

**Bulk Material** includes the extraction of iron ore and pellet production and the transport systems of Brazil, including railroads, ports and terminals, linked to mining operations. The manganese ore, ferroalloys and coal are also included in this segment.

**Basic metals** includes the production of non-ferrous minerals, including nickel operations (co-products and by-products), copper and investment in aluminum affiliate.

**Fertilizers** comprises three major groups of nutrients: potash, phosphate and nitrogen.

**Logistical services** includes our system of cargo transportation for third parties divided into rail transport, port and shipping services.

**Other** - comprises our investments in joint ventures and associated companies in other businesses.



**f) Current and non-current assets and liabilities**

Vale classifies assets and liabilities as current when it expects to realize the assets or to settle the liabilities, within 12 months of the end of the reporting period. Others assets and liabilities are classified as non-current.

**g) Cash and Cash Equivalents and Short-term Investments**

The amounts recorded as cash and cash equivalents correspond to the values available in cash, bank deposits and short-term investments that have immediately liquidity and original maturities of 90 days or less and insignificant risk of change in fair value. Other investments with maturities between 91 and 360 days are recognized at fair value through income and recorded in short-term investments.

**h) Accounts Receivables**

Represent receivables from sales of products and services. Receivables are initially recorded at fair value and subsequently measured at amortized cost, net of impairment losses, when applicable.

**i) Financial Assets**

The Company classifies its financial assets in accordance with the purpose for which they were purchased, and determines the classification and initial recognition according to the following categories:

- Financial assets measured at fair value through the Statement of Income financial assets held for trading acquired for the purpose of selling in the short term.
- Loans and receivables non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. They are initially measured at fair value and subsequently at amortized cost using the effective interest method.
- Available for sale - non-derivative financial assets not classified in another category of financial instrument. They are recognized at fair value in other comprehensive income. After initial recognition, financial assets available for sale which are not quoted in an active market and whose fair values cannot be reliably measured, are held at acquisition cost less impairment.



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**j) Inventory**

Inventory is stated at the lower of the average cost of acquisition or production and the net realizable value. The inventory production cost is determined on the basis of variable and fixed costs, and direct and indirect costs of production, using the average cost method. An allowance for losses on obsolete or slow-moving inventories is recognized.

Stockpiled inventory is accounted for as in process inventory when ore is extracted from the mine. The cost of finished goods is comprised of depreciation and any direct cost necessary to convert stockpiled inventory into finished goods.

**k) Non-current assets held for sale**

Non-current assets are classified as assets held for sale linked to discontinued operations and are recorded as current assets when their carrying amounts are to be recovered principally through a sale transaction and a sale is considered highly probable, evaluated at the lower of their carrying amount and fair value, less cost of sales.

**l) Stripping Costs**

Stripping costs (the cost associated with the removal of overburdened and other waste materials) incurred during the development of mine, before production takes place, are capitalized as part of the depreciable cost of developing the mining property. These costs are subsequently amortized over the useful life of the mine based on proven and probable reserves.

Post-production stripping costs are included in the cost of inventory, except when a new project is developed to permit access to a significant body of ore. In such cases, the costs are capitalized and amortized during the extraction of the ore body.

**m) Intangible Assets**

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Intangible assets are evaluated at the acquisition cost, less accumulated amortization and impairment losses, when applicable.

Intangible assets that have finite useful lives are amortized considering their effective use, while those with indefinite useful lives are not amortized but are tested at least annually in terms of their recoverability (impairment test).

The Company holds concessions to exploit railway assets over a certain period of time. Railways are classified as intangible assets and amortized over the shorter of their useful lives and the concession term will returned to the government.

Intangible assets acquired in a business combination are recognized separately from goodwill.

### n) **Property, Plant and Equipment**

Property, plant and equipment are carried at acquisition or production cost. The asset costs include costs directly attributable to bringing the asset into use, financial charges incurred during the construction period, acquisition expenses, after deducting trade discounts and rebates, and estimated decommissioning and site restoration expenses (asset retirement obligations - Note 2t).

Assets are depreciated using the straight-line method based on the estimated useful lives, from the date on which the assets become available for their intended use, except for land which is not depreciated. The depletion of reserves is calculated based on the ratio between actual production and the total amount of proven reserves.

The depreciation and depletion are determined in accordance with the following estimated useful lives:

Buildings	between 20 and 50 years
Installations	between 20 and 33 years
Equipment	between 10 and 33 years
Computer Equipment	5 years
Mineral rights	between 2 and 33 years
Locomotives	25 years
Wagon	33 years
Railway equipment	25 years
Ships	between 5 and 20 years
Others	between 2 and 50 years

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The residual values and useful lives of assets are reviewed and adjusted, if necessary, at the end of each fiscal year.

Significant industrial maintenance costs (for example, ships and other such assets), including spare parts, assembly services, and others, are recorded in property, plant and equipment and depreciated through the next programmed maintenance overhaul.

**o) Non-controlling stockholders' interests**

The Company treats transactions with non-controlling stockholders' interests as transactions with equity owners of the Group. For purchases of non-controlling stockholders' interests, the difference between any consideration paid and the portion acquired of the carrying value of net assets of the subsidiary is recorded in stockholders' equity. Gains or losses, on disposals of non-controlling stockholders' interest, are also recorded in stockholders' equity.

When the Company ceases to hold control or significant influence, any retained interest in the entity is remeasured to its fair value, with the change in carrying amount recognized in profit or loss. Furthermore, any amounts previously recognized in other comprehensive income relating to that entity are accounted for as if the Group had directly sold the related assets or liabilities. This means that the amounts previously recognized in other comprehensive income are reclassified in income.

**p) Impairment of assets**

The Company assesses, at each reporting date whether there is evidence that the carrying amount of financial assets measured through amortized cost and long-lived non-financial asset, should be impaired.

For financial assets measured through amortized cost, Vale compares the carrying amount with expected cash flows for the asset, and if there is some indication that the value is not recoverable, the carrying value is adjusted.

For long-term non-financial assets, when impairment indications are identified, the test is conducted by determining the recoverable value of these assets grouped at the lowest levels for which there are separately identifiable cash flows of the cash-generating unit to which the asset belongs to their carrying amount. If we identify the need for adjustment, it is consistently appropriate to each asset's cash-generating unit.

For investments in affiliated companies with publicly traded stock, Vale assesses recoverability of assets when there is prolonged or significant decline in market value. The balance of their investments in relation to the market value of the shares, when available. If the market value is less than the carrying value of investments, and reducing for seasonal, the Company performs the adjustment of the investment to the realizable value quoted in the market.

Company determines its cash flows based on approved budgets, considering mineral reserves and mineral resources calculated by internal experts, costs and investments based on the best estimate of past performance, sale prices consistent with the projections used in reports published by industry considering the market price when available and appropriate. Cash flows used are designed based on the life of each cash-generating unit (consumption of reserve units in the case of minerals) and considering discount rates that reflect specific risks relating to the relevant assets in each cash-generating unit, depending on their composition and location.

Regardless the indication of impairment of its carrying amount, goodwill balances arising from business combinations and intangible assets with indefinite useful lives are tested for impairment at least once a year.

**q) Research and development**

**i. Expenditures on ore research**

Expenditures on ore research are considered operating expenses until the effective proof of the economic feasibility of the commercial exploration of a given ore body. From then on, expenditures incurred are capitalized as mine development costs.

**ii. Expenditures on feasibility studies and new technologies and others research**

Vale also conducts feasibility studies for many other businesses which operate and researching new technologies to optimize the mining process. After proven to generate future benefits to the Company, the expenditures incurred are capitalized.

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**r) Leases**

The Company classifies its contracts as finance leases or operating leases based on the substance of the contract as to whether it is linked to the transfer of substantially all risks and benefits of the assets ownership to the Company during their useful life.

For finance leases, the lower of the fair value of the leased asset and the present value of minimum lease payments is recorded in tangible fixed assets and the corresponding obligation recorded in liabilities. For operating leases, payments are recognized on a straight line basis during the term of the contract as a cost or expense in the Statement of Income.

**s) Accounts payable to suppliers and contractors**

Accounts payable to suppliers and contractors are obligations to pay for goods and services that were acquired in the ordinary course of business, and are initially recognized at fair value and subsequently measured at amortized cost using effective interest rate method.

**t) Loans and Financing**

Loans and Financing are initially measured at fair value, net of transaction costs incurred and are subsequently carried at amortized cost and updated using the effective interest rate method. Any difference between the proceeds (net of transaction costs) and the redemption value is recognized in the Statement of Income over the period of the loans, using the effective interest rate method. The fees paid in obtaining the loan are recognized as transaction costs.

Compound financial instruments include financial liability (debt) components and Stockholders' equity components. The liability component of a compound financial instrument is initially recognized at fair value that is determined using discounted cash flow, considering the interest rate market for a non-convertible debt instrument with similar characteristics (period, value, credit risk). After initial recognition, the liability component of a compound financial instrument is measured at amortized cost using the effective interest rate method. The Stockholders' equity component is recognized at the difference between the total values received by the Company with the issuance of the securities, and the initial recognition amount of the liability component. After initial recognition, the stockholders' equity component of a compound financial instrument is not remeasured until its conversion.

**u) Provision**

Provisions are recognized only when there is a present obligation (legal or constructive) resulting from a past event, and it is probable that settlement of this obligation would result in an outflow of resources and the amount of the obligation may be reasonably estimated. Provisions are reviewed and adjusted to reflect the current best estimate at the end of each reporting period. Provisions are measured at the present value of the expenditure expected to be required to settle an obligation using a pre-tax rate, which reflects current market assessments of time value of money and the risks specific to the obligation. The increase in the obligation due to the passage of time is recognized as interest expense.

**v) Employee benefits**

**i. Current benefits wages, vacations and related taxes**

Payments of benefits such as wages, vacation past due or accrued vacation, as well their related social security taxes over those benefits, are recognized monthly in income, at the accrual basis.

**ii. Current benefits profit sharing**

The Company has a profit sharing policy, based on the achievement of the Company as a whole, specific areas as well as employees individual performance goals. The Company recognizes provision based on the recurring measurement of the compliance with goals, using the accrual basis and recognition of present obligation arising from past events in the estimated outflow of resources in the future. The counter entry of the provision is recorded as cost of sales or service rendered or operating expenses in accordance with the activity of each employee.

**iii. Non-current benefits non-current incentive**

The Company has established a procedure to award certain eligible executives (Matching Plan and Long-Term Incentive Plan - ILP) with the goal of encouraging retention and sustained performance among others. The Matching plan establishes that these executives eligible to the plan are entitled to a specific quantity of their own preferred class A stocks of the Company, and shall be entitled at the end of three years to a cash sum corresponding to the market value of the shares lot initially linked by the executives,



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provided that they are under the ownership of executives throughout the entirety of the period. As well as matching, the ILP provides at the end of three years the payment in the amount equivalent to a certain number of shares based on the assessment of the executives' career and Company performance factors in relation to a group of companies of similar size (per group). Liabilities are measured at each reporting date, at fair value, based on market quotations. Obligations are measured at each reporting date, to the fair value based on market quotations. The compensation costs incurred are recognized in income during the three-year vesting period as defined.

**iv. Non-current benefit pension cost and other post-retirement benefits**

The Company maintains several retirement plans for its employees.

For defined contribution plans, the Company's obligation is limited to a monthly contribution linked to a pre-defined percentage over remuneration of employees related to these plans.

For defined benefit plans, actuarial calculations are periodically obtained for liabilities determined in accordance with the Projected Unit Credit Method in order to estimate the Company's obligation. The liability recognized in the Balance Sheet is the present value of the defined benefit obligation at the Balance Sheet date, less the fair value of plan assets, with adjustments for past service cost not recognized. Actuarial gain and loss are appointed and controlled at corridor method. This method separates the amounts which exceed the limits of 10% of amounts of assets or liabilities, whichever is greater; amortizing it based on the remaining life expectancy active participants of plan. For plans without active participants, the excess amount is recognized fully in the income. Past service costs that arise with changes in plans are released immediately in income.

For plans with a surplus position, the Company does not recognize any asset or benefit in the Balance Sheet or Statement of Income, in the absence of a clear position on the use of this surplus. For plans with a deficit position, the Company recognizes liabilities and results arising from the actuarial valuation and actuarial gains and losses generated by the evaluation of these plans in income, according to the corridor method.

**w) Derivative financial instruments and hedging operations**

The Company uses derivative instruments to manage its financial risks as a way to hedge these risks. The Company does not use derivative instruments for speculative purposes. Derivative financial instruments are recognized as assets or liabilities on the Statement of Balance Sheet and are measured at fair value. Changes in fair value of derivatives are recorded in each year as gains or losses in the statements of income or in unrealized fair value gain/ (losses) in stockholders' equity when the transaction is illegible and characterized as an effective cash flow hedge.

The Company documents the relationship between hedging instruments and hedged items with the objective of risk management and strategy for carrying out hedging operations. The Company also documents its assessment, both initially and continuously, that the derivatives used in hedging transactions are highly effective in their changes in fair value or cash flows of hedged items.

The variations in fair value of derivative financial instruments designated as cash flow hedges have their effective component recorded in unrealized fair value gain/ (losses) and recognized as stockholders' equity; and their ineffective component recorded in income. The amounts recorded in Comprehensive Income, will only be transferred to the income in an appropriate account (cost, operating expense or financial expense) when the hedged item is actually performed.

x) **Current and Deferred Income Tax and Social Contribution**

The amounts of income tax and social contribution are recognized in the Statement of Income, except for items recognized directly in stockholders' equity, in which cases the tax is also recognized in stockholders' equity.

The provision for income tax is calculated individually for each entity in the Group based on tax rates and tax rules in force in the location of the entity. The recognition of deferred taxes is based on temporary differences between carrying value and the tax basis of assets and liabilities as well as net operating losses carry forwards. Deferred tax liabilities are fully recognized. The deferred income tax assets and liabilities are offset when there is a legally enforceable right to offset current tax assets against fiscal current liabilities and when the deferred income tax assets and liabilities are related to income taxes recorded by the same taxation authority on the same taxable entity.

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y) **Participation of noncontrolling shareholders**

The Company treats transactions with noncontrolling minority interest as transactions with equity owners of the entity. For purchases from noncontrolling interests, the difference between any consideration paid and the book value of the share of net assets of acquired subsidiary is recorded in equity. Gains or losses on disposals to noncontrolling shareholders are also recorded in equity.

When the control of the Company ceases, any retained interest in the entity is remeasured to fair value, with the change in carrying amount recognized in earnings. In addition, any amounts previously recognized in equity in income from transactions with noncontrolling shareholders, in respect of that entity are accounted for as if the entity had directly disposed of the related assets or liabilities. This means that the amounts previously recognized in operations results with noncontrolling interests in income statement are reclassified.

z) **Capital**

The Company periodically practices the repurchase of shares to remain in treasury for future sale or cancellation. These shares are recorded in a specific account as reduction of stockholders' equity at acquisition value and kept at cost value. These programs are approved by the Board with a term and quantities by determined type of shares.

Incremental costs directly attributable to the issue of new shares or options are demonstrated in Stockholders' equity as a deduction from the amount raised, net of taxes.

aa) **Revenue Recognition**

Revenue is recognized when Vale transfers to its customers all significant risks and rewards of ownership of the product sold and services rendered. Revenue excludes any applicable sales taxes and is recognized at the fair value of the consideration received or receivable to the extent that it is probable that economic benefits will flow to Vale and the revenues and costs can be reliably measured.

In most instances sales revenue is recognized when the product is delivered to the destination specified by the customer, which is typically the vessel on which it is shipped, the destination port or the customer's premises. However, when the model negotiated with the customer is transferring risks and benefits of the product in shipment, revenue is recognized at the time.

In some cases, the sale price is determined on a provisional basis at the date of sale as the final selling price is subject to escalation clauses in contracts up to the date of final pricing. Revenue from the sale of provisionally priced is recognised when risks and rewards of ownership are transferred to the customer and revenue can be measured reliably. At this date, the amount of revenue to be recognized are estimated based on the forward price of product sold.

Amounts billed to customers for shipping correspond to products sold by the Company are recognized as revenue when that is responsible for shipping. Shipping costs are recognized as operating costs.

**bb) Government Grants and Support**

Government grants and support are accounted for when the Company complies with reasonable security conditions set by the government related to grants and support received. The Company records via the Statement of Income, as reductions in taxes or spending according to the nature of the item, through the distribution of results in the Statement of Income, retained earnings in stockholders equity.

**cc) Basic and Diluted earnings per share**

Basic earnings per share are calculated by dividing the income attributable to stockholders of the Company, deducted from the remuneration of holders of equity securities, at the weighted average number of shares outstanding (total shares less treasury shares).

Diluted earnings per share are calculated by adjusting the weighted average number of shares outstanding to assume conversion of all diluted potential shares. Vale has in your records, securities mandatory convertible shares, which will be converted using treasury shares held by the Company. These securities were recorded as an equity instrument, there is no other option, both for Company and the holders to liquidate all or partially using financial resources, therefore, it has recognized as net of finance charges in a specific shareholders equity component.

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**dd) Statement of Added Value DVA**

The company publishes its consolidated and the parent company statements of added value (DVA) in accordance with the accounting practices adopted in Brazil applicable to public companies which are submitted as part of the financial statements in accordance with Brazilian accounting practices. For IFRS, this statement is presented as additional information, without prejudice to the set of financial statements.

**ee) Interest on stockholder's equity (Dividends)**

Vale is permitted to distribute interest attributable to stockholders' equity. The calculation is based on the stockholders' equity amounts as stated in the statutory accounting records and the interest rate applied may not exceed the long-term interest rate (TJLP) determined by the Brazilian Central Bank. Also, such interest may not exceed 50% of net income for the year or 50% of retained earnings plus revenue reserves as determined by Brazilian corporate law.

The benefit to Vale, as opposed to making a dividend payment, is a reduction in our income tax burden because this interest charge is tax deductible in Brazil. Income tax of 15% is withheld on behalf of the stockholders relative to the interest distribution. Under Brazilian law, interest attributed to stockholders' equity is considered as part of the annual minimum mandatory dividend (Note 24-f). This notional interest distribution is treated for accounting purposes as a deduction from stockholders' equity in a manner similar to a dividend and the tax credit recorded in income.

**3. Critical Accounting Estimates and Assumptions**

The preparation of financial statements requires the use of certain critical accounting estimates and also the exercise of judgments by management of the Company.

These estimates are based on the best knowledge existing in each period. Changes in facts and circumstances may lead to the revision of the estimates, because those actual future results may differ from estimates.

The significant estimates and assumptions used by management in preparing these financial statements are presented as such:

**a) Mineral reserves and mine useful life**

The estimates of proved reserves and probable reserves are regularly evaluated and updated. The proved and probable reserves are determined using generally accepted geological estimates. The calculation of reserves requires the Company to take positions on expected future conditions that are highly uncertain, including future ore prices, exchange rates, inflation rates, mining technology, availability of permits and production costs. Changes in some of these assumptions could have a significant impact on proved reserves and probable reserves recorded.

The estimated volume of mineral reserves is used as basis for the calculation of depletion of the mines, and also for the estimated useful life which is a major factor to quantify the provision for asset retirement obligation and environmental rehabilitation of mines. Any change to the estimates of the volume of mine reserves and the useful life of assets may have significant impact on charges for depreciation, depletion and amortization recognized in the financial statements as cost of goods sold. Changes in estimated useful life of the mines could cause significant impact on the estimates of environmental provision and impairment analysis.

**b) Asset Retirement**

The provision made by the Company refers basically to the cost of mine closure, upon the completion of mining activities and removal of assets related to mine. The provision is set up initially by recording long-term liabilities with a counter entry to property, plant and equipment. The long-term liabilities are subsequently carried at amortize cost, considering the original discount rate with changes registered against the income of the period, as interest expenses. The asset is depreciated on a straight line by useful life of the main asset, and recorded against income.

The Company considers the accounting estimates related to closure costs of a mine as a critical accounting policy because they involve significant values for the provision and are estimated using several assumptions, such as interest rate, inflation, useful life of the asset considering the current state of closure and the projected date of depletion of each mine. The estimates are reviewed annually.

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**c) Deferred income tax and social contribution**

The Company recognizes the effects of deferred taxes arising from tax losses and temporary differences on its consolidated and Parent Company's financial statements. It recognizes impairment where it believes that tax credits are not fully recoverable in the future.

The determination of the provision for income taxes or deferred income tax, assets and liabilities, and any impairment on tax credits requires estimates by the Company. For each future credit tax, the Company assesses the probability that part or all of the tax assets may not be recovered. The impairment made with respect to accumulated tax losses depends on the assessment of the Company on the probability of the generation of future taxable profits based on production and sales planning, commodity prices, operational costs, restructuring plans, reclamation costs and planned capital costs.

**d) Litigation loss**

Provisions are recorded when the possibility of loss is considered probable by our legal department and legal advisors regarding legal processes and contingent liabilities.

The provisions are recorded when the amount of loss can be reasonably estimated. By their nature, contingencies will be resolved when one or more future event occurs or fails to occur. Typically, the occurrence of such events does not depend on our performance, which complicates the realization of precise estimates about the date on which such events are verified.

Assessing such liabilities, particularly in the uncertain Brazilian legal jurisdictions that the Company operates, environment and other jurisdictions, involves the exercise of significant estimates and judgments of management regarding the results of future events.

**e) Post retirement benefits for employees**

The amount recognized and disclosed depend on a number of factors that are determined based on actuarial calculations using several assumptions in order to determine costs, liabilities, among others. One of the assumptions used in determining the amounts to be recorded in accounting is the discount rate. Any changes to these assumptions will affect the amount accounted.

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The Company, together with external actuaries, reviews at the end of each year, the assumptions that should be used for the following year. These premises are used for upgrades and estimated of fair value of assets and liabilities, costs and expenses and determination of future values of estimated cash outflows, which are recorded in the plan obligations.

### **f) Impairment**

The Company tests impairment of tangible and intangible assets segregated by cash-generating units, usually using discounted cash flow that depends on several estimates, which are influenced by market conditions prevailing at the time the impairment test, is performed.

### **g) Fair Value of derivatives and others financial instruments**

Fair value of financial instruments not traded in active market is determined by using valuation techniques. Vale uses its own judgment to choose the various methods and assumptions and set which are based on market conditions, at the end of the year.

The analysis of the impacts, if actual results were different from management's estimate, is presented in note 25(d) sensitivity analysis.



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**4. Accounting Standards**

The Company prepared its consolidated financial statements under IFRS based on the standards issued by the Brazilian Accountant Standards Committee ( Comitê de Pronunciamentos Contábeis or CPC ) and approved by Securities and Exchange Commission of Brazil ( Comissão de Valores Mobiliários or CVM). The standards issued by the IASB, with adoption required for the years ending after December 31, 2012, but not approved by CVM, will not be adopted by the Company in advance.

**a) Pronouncements, interpretations, guidelines or revisions approved by CVM for adoption prior to December 31, 2012**

Considering the option as last amended by CPC 19 (R1) Investment in joint venture (JV), issued on August 4, 2011 and anticipating the consequences of CPC 18 (R2) - Investments in Associates, Subsidiaries and Colligates (correlative to IFRS 11), the Company, for purposes of the consolidated statements, no longer has participation in joint venture by the proportional consolidation method and decided to present their investment in these entities using equity method in the year of 2012.

Introducing the new policy as if it had always been adopted, apply the amendments retrospectively by adjusting the opening balances of the comparative periods.

**b) Standards, interpretations or updates issued by the IASB for adoption after December 31, 2012**

**Investment Entities** - In October 2012 the IASB issued an update statement to IFRS 10 - Consolidated Financial Statements, IFRS 12 - Disclosure of Interests in other Entities and IAS 27 - Separate Financial Statements, which, among other rules, defines the concept of entity investment and introduces an exception to the consolidation of subsidiaries for specific investment entities. The adoption of the updates will be applied from January 1, 2014 and Vale does not expect those upgrades produce significant impacts on its financial statements.

**Consolidated Financial Statements, Joint Arrangements and Disclosure of Interests in Other Entities: Transition Guidance** - In June 2012 the IASB issued an update statement to IFRS 10 - Consolidated Financial Statements, IFRS 11 - Joint Arrangements and IFRS 12 - Disclosure Of Interests In Other Entities, which, among other rules, clarifies issues on the date of adoption of IFRS 10 and aspects relating to the presentation of comparative information of IFRS 11 and IFRS 12. The adoption of the updates will be applied from January 1, 2013 and Vale does not expect those upgrades produce significant impacts on its financial statements.

**Annual Improvements to IFRSs** - In May 2012 the IASB issued updates consolidated annual for the year 2012. The updates represent changes not urgent, but necessary, to general pronouncements. The standard were affected: IFRS 1 - First-time Adoption of International Financial

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Reporting Standards, IAS 1 - Presentation of Financial Statements, IAS 16 - Property, Plant and Equipment, IAS 32 - Financial Instruments: Presentation and IAS 34 - Interim Financial Reporting. The adoption of the updates will be applied from January 1, 2013 and Vale does not expect those upgrades produce significant impacts on its financial statements.

**Offsetting Financial Assets and Financial Liabilities** - In December 2011 the IASB issued an update statement to IAS 32 - Financial Instruments: Presentation updated guide to applying this standard about the recognition of financial assets and liabilities on a gross and net. The adoption of required updates will be applied from January 1, 2014 and we are analyzing potential impacts regarding this update on our financial statements.

**Mandatory Effective Date and Transition Disclosures** - In December 2011 the IASB issued an update statement to IFRS 9 - Financial Instruments and IFRS 7 - Financial Instruments: Disclosures postponing the date of initial adoption of IFRS 9 and IFRS 7 updates have occurred in January 1, 2013 to January 1, 2015. Vale does not expect this change to take material impact on its financial statements.

**IFRIC 20 - Stripping Costs in the Production Phase of a Surface Mine** - In October 2011 the IASB issued IFRIC 20 which defines rules for the measurement and recognition of the costs of stripping of surface mine in production. The adoption of this interpretation will be applied from January 1, 2013 and Vale does not expect this interpretation produce relevant impacts on its financial statements.

**IAS 19 - Employee Benefits** - In June 2011 the IASB remitted the standard IAS 19 on employee benefits. Among the amendments, with the most significant highlight: (i) the exclusion of the possibility of using the corridor method - which allowed the actuarial gains and losses up to a maximum of 10% of the present value of the defined benefit obligation or Fair value of plan assets, whichever is higher, would be allocated to income over the average remaining working lives of the employees participating in the plan, (ii) the full recognition of actuarial gains and losses in Other Comprehensive Income and (iii) the financial revenue and expenditure plan shall be recognized on a net basis in the discount rate. The adoption of this standard will be required from January 1, 2013. Vale is quantifying the impact on financial statements.

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**IFRS 10 - Consolidated Financial Statements** - In May 2011 the IASB issued IFRS 10, which, among other changes, creates a specific statement to the consolidated financial statements, determines that the jointly-controlled companies will no longer be consolidated accounts for the aspects of the definition of control and significant influence and eliminates conflicts between this standard, IAS 28 and IAS 27. The adoption of this standard will be applied from January 1, 2013 and Vale does not expect those changes produce significant impacts on its financial statements.

**IAS 28 - Investments in Associates and Joint Ventures** - In May 2011 the IASB remitted the standard IAS 28 on investment related companies, which among other changes, equates the jointly-controlled companies and affiliates determines that investment in both is measured by equity method. The adoption of this standard will be applied from January 1, 2013 and Vale does not expect those changes produce significant impacts on its financial statements.

**IAS 27 - Separate Financial Statements** - In May 2011 the IASB remitted the standard IAS 27 on separate financial statements, which remains the only regulating separate statements and reflects updates introduced by IFRS 10 and IAS 28 remitted, which are the relevant separate statements. The adoption of this standard will be applied from January 1, 2013 and Vale does not expect those changes produce significant impacts on its financial statements.

**IFRS 11 - Joint Arrangements** - In May 2011 the IASB issued IFRS 11, standard on contracts together, which regulates the measurement, recognition and presentation of contracts and operating agreements together, specifically for cases where no constituting entities. The adoption of this standard will be applied from January 1, 2013 and Vale does not expect those upgrades produce significant impacts on its financial statements.

**IFRS 12 - Disclosure of Interests in Other Entities** - In May 2011 the IASB issued IFRS 12 on the standard investments in entities that in general, determine the accounting treatment for investments in other entities, making references to IFRS 10, IFRS 11, IAS 28 remitted and IAS 27 remitted. The adoption of this standard will be applied from January 1, 2013 and Vale does not expect those upgrades produce significant impacts on its financial statements.

**IFRS 13 - Fair Value Measurement** - In May 2011 the IASB issued IFRS 13 on fair value measurements which defines the fair value measurement applied in all cases where it is required and presents specific rules for the disclosure of fair value. The adoption of this standard will be applied from January 1, 2013 and Vale does not expect those upgrades produce significant impacts on its financial statements.

**IFRS 9 - Financial Instruments** - In October 2010 the IASB issued IFRS 9 standard that, among other things, amends and simplifies the criteria for recognizing and measuring financial assets and financial liabilities and some contracts to buy and sell non-financial assets. After update in December 2011, the adoption of the statement will be required from January 1, 2015 and is still worth analyzing potential impacts regarding this update on its financial statements.

For all statements, interpretations and updates above were issued and approved, or are in the process of issuing and approval by the CVM, with the same dates of adoption.

c) **Standards, interpretations, guidelines or revisions approved by the CVM for adoption after December 31, 2012**

**CPC 46 - Fair Value Measurements** - In December 2012, the CVM approved CPC 46 about Fair Value Measurements, substantially correlated with IFRS 13.

**CPC 36(R3) - Consolidated Financial Statements**- In December 2012, the CVM approved the revisions to the standard CPC 36 about consolidated financial statements, substantially correlated with IFRS 10.

**CPC 45 - Disclosure of Interests in other Entities** - In December 2012, the CVM approved CPC 45 about disclosure of interests in other entities, substantially correlated with IFRS 12.

**CPC 18(R2) Investments in Associates, Subsidiaries and Joint Venture** - In December 2012, the CVM approved the revisions to the standard CPC 18 about investments in associates and joint ventures, making it substantially correlated with the updated IAS 28.

**CPC 33(R1) Employee Benefits**- In December 2012, the CVM approved the revisions to the standard CPC 33 about employee benefits, substantially correlated with IAS 19.

**CPC 19(R2) Business Combination**- In November 2012, the CVM approved the revisions to the standard CPC 19 about Business Combination, substantially correlated with IFRS 11.

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**5. Risk Management**

Vale considers that an effective risk management is a key objective to support its growth plan, strategic planning and financial flexibility. Therefore, Vale has developed its risk management strategy in order to provide an integrated approach of the risks the company is exposed to. To do that, Vale evaluates not only the impact in the results of the business caused by variables traded in financial markets (market risk), but also the risk from counterparties obligations (credit risk), those relating to inadequate or failed internal processes, people, systems or external events (operational risk), those arising from liquidity risk, among others.

**a) Risk management policy**

The Board of Directors established a risk management policy in order to support the company's growth plan, strategic planning and business continuity, to improve its capital structure and assets management, to ensure flexibility and strength in financial management and to strengthen its corporate governance practices.

The corporate risk management policy determines that Vale should measure and monitor regularly its corporate risk on a consolidated approach in order to guarantee that the overall risk level of the Company remains aligned with the guidelines defined by the Board of Directors and the Executive Board.

The Executive Risk Management Committee, created by the Board of Directors, is responsible for supporting the Executive Board in the risk assessments and for issuing opinion regarding the Company's risk management. It is also responsible for the supervision and revision of the principles and instruments of corporate risk management.

The Executive Board is responsible for the approval of the policy deployment into norms, rules and responsibilities and for reporting to the Board of Directors about such procedures.

The risk management norms and instructions complement the corporate risk management policy and define practices, processes, controls, roles and responsibilities in the Company regarding risk management.

The Company may, when necessary, allocate specific risk limits to management activities, including but not limited to, market risk limit, corporate and sovereign credit limit, in accordance with the acceptable corporate risk limit.

**b) Liquidity risk management**

The liquidity risk arises from the possibility that Vale might not perform its obligations on due dates, as well as face difficulties to meet its cash requirements due to market liquidity constraints.

To mitigate such risk, Vale has a revolving credit facility to assist the short term liquidity management and to enable more efficiency in cash management, being consistent with the strategic focus on cost of capital reduction. The revolving credit facility available today was acquired from a syndicate of several global commercial banks.

**c) Credit risk management**

Vale's credit risk arises from potential negative impacts in its cash flows due to uncertainty in the ability of counterparties to meet their contractual obligations. To manage that risk, Vale has procedures and processes, such as the controlling of credit limits, the obligation of exposure diversification through several counterparties and the monitoring of the portfolio's credit risk.

Vale's counterparties can be divided into three main categories: the customers, responsible by obligations regarding receivables from payment term sales; financial institutions with whom Vale keeps its cash investments or negotiates derivatives transactions; and suppliers of equipment, products and services in the case of payments in advance.

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**( ) Commercial Credit Risk Management**

For the commercial credit exposure, which arises from sales to final customers, the risk management department, in accordance with the current delegation level, approves or request the approval of credit risk limits for each counterpart. Besides that, the Executive Board sets annually global commercial credit risk limits for the customer´s portfolio. The approved global limit and the working capital cost inbuilt on this limit are monitored on a monthly basis.

Vale attributes an internal credit risk rating for each counterparty using its own quantitative methodology for credit risk analysis, based on three main sources of information: i) Expected Default Frequency (EDF) provided by KMV (Moody´s); ii) credit ratings from the main international credit agencies; iii) customer financial statements from which financial ratios are built.

On 31 December 2012, 83% of accounts receivable due to Vale commercial sales had low or insignificant risk, 14% had moderate risk and only 3% high risk.

Whenever considered necessary, the quantitative credit risk analysis is complemented by a qualitative analysis which takes into consideration the payment history of that counterparty, its commercial relationship with Vale and the customer´s strategic position in its economic sector, among others variables.

Based on the counterparty´s credit risk or based on Vale´s consolidated credit risk profile, risk mitigation strategies are used to minimize the Company´s credit risk in order to meet the acceptable level of risk approved by the Executive Board. The main credit risk mitigation strategies used by the Company are credit insurance, mortgage, letter of credit and corporate guarantees, among others.

Vale has a well-diversified accounts receivable portfolio from a geographical standpoint, being China, Europe, Brazil and Japan the regions with more significant exposures. According to each region, different guarantees can be used to enhance the credit quality of the receivables.

Vale controls its account receivables portfolio through Credit and Cash Collection committees, in which representatives from risk management, cash collection and commercial departments monitor periodically each counterparty´s position. Finally, Vale has an automatic control that blocks additional sales to customers in default.

**(i) Treasury Credit Risk Management**

The management of exposure arising from cash investments and derivatives instruments is realized through the following procedures: annual approval by the Executive Board of the credit limits by counterparty, controls of portfolio diversification, counterparties' credit spread variations and the treasury portfolio overall credit risk. There is also a monitoring of all positions, exposure versus limit control and periodic report to the Executive Risk Management Committee.

The calculation of the exposure to a counterparty that has several derivative transactions with Vale is considered the sum of exposures of each derivative acquired with this counterparty. The exposure for each derivative is defined as the future value calculated within the life of the derivative, considering the variation of the market risk factors that affect the value of the derivative instrument.

Vale also assess the creditworthiness of its counterparties in treasury operations following an internal methodology similar to commercial credit risk management that aims to define a default probability for each counterparty.

Depending on the counterparty's nature (banks, insurance companies, countries or corporations), different inputs will be considered: i) expected default probability given by KMV; ii) CDS (Credit Default Swaps) and bond market spreads; iii) credit ratings defined by the main international rating agencies; iv) financial statements data and indicators analysis.

- **Market risk management**

Vale is exposed to the behavior of various market risk factors that can impact its cash flow. The assessment of this potential impact arising from the volatility of risk factors and their correlations is performed periodically to support the decision making process and the growth strategy of the Company, ensure its financial flexibility and monitor the volatility of future cash flows.

When necessary, market risk mitigation strategies are evaluated and implemented in line with these objectives. Some strategies may incorporate financial instruments, including derivatives. The portfolios of the financial instruments are monitored on a monthly basis, enabling financial results surveillance and its impact on cash flow, and ensuring strategies adherence to the proposed objectives.



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Considering the nature of Vale's business and operations, the main market risk factors which the Company is exposed to are:

- Interest rates;
- Foreign exchange;
- Product prices and input costs.

**(ii) Foreign exchange and interest rate risk**

The company's cash flow is subjected to volatility of several currencies, once its product prices are predominantly indexed to US dollar, while most of the costs, disbursements and investments are indexed to other currencies, mainly Brazilian real and Canadian dollar.

In order to reduce the potential impact that arises from this currency mismatch, derivatives instruments can be used as a risk mitigation strategy.

In the case of cash flow foreign exchange protection regarding revenues, costs, disbursements and investments, the main risk mitigation strategies used are forwards and swaps.

Vale implemented hedge transactions to protect its cash flow against the market risks that arises from its debt obligations – mainly currency volatility. We use swap transactions to convert debt linked to Brazilian real and Euros into US dollar that have similar - or sometimes shorter - settlement dates than the final maturity of the debt instruments. Their notional amounts are similar to the principal and interest payments, subjected to liquidity market conditions.

Swaps with shorter settlement dates are renegotiated through time so that their final maturity matches - or becomes closer - to the debts' final maturity. At each settlement date, the results of the swap transactions partially offset the impact of the foreign exchange rate in Vale's obligations, contributing to stabilize the cash disbursements in US dollar.

In the case of debt instruments denominated in Brazilian real, in the event of an appreciation (or depreciation) of the Brazilian Real against the US Dollar, the negative (or positive) impact on Vale's debt service (interest and/or principal payment) measured in US dollars will be partially offset by the positive (or negative) effect from the swaps, regardless of the US\$/R\$ exchange rate on the payment date. The same rationale is

applicable to debts denominated in other currencies and their respective swaps.

Vale has also exposure to interest rates risks over loans and financings. The US Dollar floating rate debt in the portfolio consists mainly of loans including export pre-payments, commercial banks and multilateral organizations loans. In general, such debt instruments are indexed to the LIBOR (London Interbank Offer Rate in US dollar). Considering the impact of interest rate volatility on the cash flow, Vale observes the potential natural hedges effects between US Dollar floating rates and commodities prices in the decision process of acquiring financial instruments.

**(iii) Risk of product and Input prices**

Vale is also exposed to market risks regarding commodities prices and input volatilities. In accordance with risk management policy, risk mitigation strategies involving commodities can be used to adjust the cash flow risk profile and reduce Vale's cash flow volatility. For this kind of risk mitigation strategy, Vale uses predominantly forwards, futures or zero-cost collars.

- **Operational risk management**

The operational risk management is the structured approach that Vale uses to manage uncertainty related to possible inadequate or failure in internal processes, people, systems and external events.

Thus, the operational risk mitigation is performed by creating new controls and improving the existing ones, new mitigation plans, as well as the risk transferring through insurance. Therefore, the Company seeks to have a clear view of its major risks, of the best cost-benefit mitigation plans and of the controls in place, monitoring the potential impact of operational risk and allocating capital efficiently.

- **Capital Management**

The Company's policy aims, to manage its capital, to seek a structure that will ensure the continuity of your business in the long term. Within this perspective, the Company has been able to deliver value to stockholders through dividend payments and capital gain, and at the same time maintain a debt profile suitable for its activities, with an amortization well distributed over the years, on average 10 years, thus avoiding a concentration in one specific period.

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• **Insurance**

Vale hires several types of insurance, such as operational risks insurance, civil responsibility, engineering risks insurance (projects), life insurance policy for their employees, among others. The coverage of these policies is similar to the ones used in general by the mining industry and is contracted in line with the objectives defined by the Company, with the corporate risk management policy and the limitation imposed by the insurance and reinsurance global market.

Insurance management is performed with the support of existing insurance committees in the various operational areas of the Company. Among the management instruments, Vale uses captive reinsurance companies that allows to contract insurances on a competitive basis as well as direct access to key international markets of insurance and reinsurance.

**6. Acquisitions and Divestitures**

**a) Belvedere Coal Project**

In 2012 Vale conclude the purchase option on additional 24.5% participation in the Belvedere Coal Project owned by Aquila Resources Limited ( Aquila ) in the amount of AUD 150 million (R\$318).

The acquisition is subject to approvals from the government of Queensland, Australia. As a result of this transaction, Vale will increase its participation in Belvedere to 100%. Additionally, Vale agreed to pay AUD 20 million (R\$42) to end litigations and disputes relating to the Belvedere with Aquila.

The project is still in stage of development and, consequently, subject to approval of the Board of Directors of Vale. At the end of transaction, Vale will have paid US\$338 million (R\$691) for 100% of Belvedere.

**b) Fertilizer Business**

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In 2010, through our wholly owned subsidiary Mineração Naque S.A. ( Naque ), we acquired 78.92% of the total capital (being 99.83% of the voting capital) of Vale Fertilizantes S.A. and 100% of the total capital of Vale Fosfatados. In 2011 and beginning of 2012, we concluded several transactions including a public offer to acquire the free floating of Vale Fertilizantes S.A. and its delisting which resulted in the current ownership of 100% of the total capital of this subsidiary.

The purchase consideration of the business combination effected in 2010, when control was obtained, amounted to R\$10,696. The purchase price allocation exercise was concluded in 2011 and generated a deferred tax liability on the fair value adjustments, determined based on the temporary differences between the accounting basis of those assets and liabilities at fair values and their tax basis represented by the historical carrying values at the acquired entity. According to current Brazilian tax regulations, goodwill generated in connection with a business combination as well as the fair values of assets and liabilities acquired are only tax deductible post a legal merger between the acquirer and the acquired.

In June 2012, we have decided to legally merge Naque and Vale Fertilizantes. As a result, the carrying amounts of acquired assets and liabilities accounted for at Naque s consolidated financial statements, represented by their amortized fair values from acquisition date, became their tax basis. Therefore, upon concluding the merger, there are no longer differences between tax basis and carrying amounts of the net assets acquired, and consequently there is no longer deferred tax liability amount to be recognized. The outstanding balance of the initially recognized deferred tax liability (accounted for in connection with the purchase accounting) totaling R\$2,533 was entirely recycled through P&L for the year ended December 31, 2012, in connection with the legal merger of Vale Fertilizantes into Naque.

In addition, Naque was then renamed as Vale Fertilizantes S.A.

### c) **Sale of coal**

In June 2012, we have concluded the sale of our thermal coal operations in Colombia to CPC S.A.S., an affiliate of Colombian Natural Resources S.A.S. ( CNR ), a privately held company.

The thermal coal operations in Colombia constitute a fully-integrated mine-railway-port system consisting of a coal mine and a coal deposit; a coal port facility; and an equity participation in a railway connecting the coal mines to the port.

The loss on this transaction, of R\$ 722 was recorded in the Statement of income in the line Gain (loss) on sale of assets

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Continuing the process of optimization its corporate structure, during the second quarter 2012 Vale acquired additional 10.46% of Empreendimentos Brasileiros de Mineração S. A. ( EBM ), whose main asset is the participation in Minerações Brasileiras Reunidas S. A. ( MBR ), which owns mines sites Itabirito, Vargem Grande and Paraopeba. As a result of the acquisition, we increased our share of the capital of EBM to 96.7% and of MBR to 98.3%, and the amount of R\$500 are recognized as a result from operations with non-controlling interest in Stockholders Equity .

**e) Manganese and ferroalloys**

In October 2012, we have concluded the sale of the manganese ferroalloys operations in Europe to subsidiaries of Glencore International Plc., a company listed on the London and Hong Kong Stock Exchanges, for US\$160 million (R\$318) in cash, subject to the fulfillment of certain precedent conditions. We recognized a loss of US\$ 22 million (R\$45) presented in our statement of income as gain (loss) on sale of assets .

The manganese ferroalloys operations in Europe consist of: (a) 100% of Vale Manganèse France SAS, located in Dunkerque, France; and (b) 100% of Vale Manganese Norway AS, located in Mo I Rana, Norway.

**f) Participation of Vale Oman Pelletizing**

In October 2012, Vale sold 30% of participation in Vale Oman Pelletizing LLC for the Oman Oil Company, wholly owned subsidiary of the Government of the Sultanate of Oman, for US\$71 million (R\$145). We recognized a gain of US\$63 million (R\$129) recorded in Stockholders Equity.

**7 - Cash and Cash Equivalents**

	December 31, 2012	Consolidated December 31, 2011	January 1, 2011	Parent Company December 31, 2012	December 31, 2011
Cash and bank accounts	2,440	1,770	933	36	177
Short-term investments	9,478	4,823	11,703	652	398

<b>11,918</b>	<b>6,593</b>	<b>12,636</b>	<b>688</b>	<b>575</b>
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Cash and cash equivalents includes cash values, demand deposits, and financial investments with insignificant risk of changes in value, being part Brazilian Reais indexed at the rate of Brazilian interbank certificates of deposit ( DI Rate or CDI ) and part in US Dollars in time deposits with a maturity of less than three months.

The increase in cash equivalents during the 2012, is mainly related to the cash provided by operating activities and the notes issued during 2012 (note 17).

#### 8 - Short-term investment

	December 31, 2012	Consolidated December 31, 2011	January 1, 2011	Parent Company December 31, 2012	December 31, 2011
Short-term investments	<b>506</b>		<b>2,987</b>	<b>43</b>	

This includes the financial investments in low risk investments with a maturity of between 91 and 360 days, classified as a financial asset fair value through profit or loss (note 22).

#### 9 - Accounts Receivables

	December 31, 2012	Consolidated December 31, 2011	January 1, 2011	Parent Company December 31, 2012	December 31, 2011
Denominated in reais					
brazilian Reais	1,734	2,295	2,044	1,519	2,238
Denominated in other currencies, mainly US\$	12,384	13,791	11,833	20,434	13,698
	<b>14,118</b>	<b>16,086</b>	<b>13,877</b>	<b>21,953</b>	<b>15,936</b>
Allowance for doubtful accounts	(233)	(197)	(196)	(114)	(127)
	<b>13,885</b>	<b>15,889</b>	<b>13,681</b>	<b>21,839</b>	<b>15,809</b>

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Accounts receivables related to the steel industry market represent 71,26% and 67,9%, of receivables on December 31, 2012 and December 31, 2011, respectively.

No one customer represents over 10% of receivables or revenues.

The loss estimates for credit losses recorded in income as at December 31, 2012 and December 31, 2011 totaled R\$70 and R\$3, respectively. Write offs as at December 31, 2012, and December 31, 2011 totaled R\$34 and R\$2, respectively.

**10 - Inventory**

	December 31, 2012	Consolidated December 31, 2011	January 1, 2011	Parent Company December 31, 2012	Parent Company December 31, 2011
<b>Inventories of products</b>					
Finished	4,575	4,881	2,976	2,080	2,170
In process	2,776	2,569	1,613		
	<b>7,351</b>	<b>7,450</b>	<b>4,589</b>	<b>2,080</b>	<b>2,170</b>
Inventories of spare parts and maintenance supplies	2,969	2,383	2,572	1,203	1,013
<b>Total</b>	<b>10,320</b>	<b>9,833</b>	<b>7,161</b>	<b>3,283</b>	<b>3,183</b>

On December 31, 2012, Inventories included provisions to adjustment in manganese, nickel e copper products amounting to R\$0, R\$6 and R\$6 (on December 31, 2011 R\$16, R\$ 27 and R\$ 0), respectively.

	December 31, 2012	Consolidated Year ended December 31, 2011
<b>Changes in the inventory</b>		
<b>Balance on begin of year</b>	<b>7,450</b>	<b>4,609</b>
Addition	43,635	40,105
Transfer on maintenance supplies	8,341	6,276
Write-off by sale	(51,997)	(42,451)
Write-off by inventory adjustment		(1,051)
(write-off) by lower cost or market adjustment	(78)	(38)
<b>Balance on ended of year</b>	<b>7,351</b>	<b>7,450</b>

	Parent Company Year ended	
	December 31, 2012	December 31, 2011
<b>Changes in the inventory</b>		
<b>Balance on begin of year</b>	<b>2,170</b>	<b>1,535</b>
Addition	20,486	18,700
Transfer on maintenance supplies	3,730	3,181
Write-off by sale	(24,245)	(20,958)
Write-off by inventory adjustment		(261)
Write-off by lower cost or market adjustment	(61)	(27)
<b>Balance on ended of year</b>	<b>2,080</b>	<b>2,170</b>

	Consolidated Year ended	
	December 31, 2012	December 31, 2011
<b>Changes on Inventory of consumable materials</b>		
<b>Balance on begin of year</b>	<b>2,383</b>	<b>2,563</b>
Addition	8,927	6,096
Consumption	(8,341)	(6,276)
<b>Balance on ended of year</b>	<b>2,969</b>	<b>2,383</b>

	Parent Company Year ended	
	December 31, 2012	December 31, 2011
<b>Changes on Inventory of consumable materials</b>		
<b>Balance on begin of year</b>	<b>1,013</b>	<b>782</b>
Addition	3,920	3,412
Consumption	(3,730)	(3,181)
<b>Balance on ended of year</b>	<b>1,203</b>	<b>1,013</b>



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In December 2012, we have signed with Petróleo Brasileiro S.A. (Petrobras) an agreement to sell Araucária, operation for production of nitrogens, located in Araucária, in the Brazilian state of Paraná, for US\$234 million (R\$478). The purchase price will be paid by Petrobras through installments accrued quarterly, adjusted by 100% of the Brazilian Interbank Interest rate (CDI), in amounts equivalent to the royalties due by Vale related to the leasing of potash assets and mining of Taquari-Vassouras and of the Carnalita project.

At December 31, 2012 this assets are recognized in Assets Held for Sale, in the subgroup property, plant and equipment.

	<b>December 31, 2012</b>
<b>Assets held for sale</b>	
Accounts receivable	29
Recoverable taxes	42
Inventories	41
Property, plant and equipment	794
Other	29
<b>Total</b>	<b>935</b>
<b>Liabilities related to assets held for sale</b>	
Suppliers	24
Deferred income tax	225
Others	78
<b>Total</b>	<b>327</b>

**12 Recoverable Taxes**

	<b>December 31, 2012</b>	<b>Consolidated December 31, 2011</b>	<b>January 1, 2011</b>	<b>Parent Company December 31, 2012</b>	<b>December 31, 2011</b>
Income tax	2,371	1,496	765	168	169
Value-added tax	2,090	1,913	806	1,056	731
Brazilian Federal Contributions (PIS - COFINS)	1,370	1,768		1,014	1,536
Others	132	110	1,701	88	82
<b>Total</b>	<b>5,963</b>	<b>5,287</b>	<b>3,272</b>	<b>2,326</b>	<b>2,518</b>
Current	4,620	4,190	2,671	2,071	2,317
Non-current	1,343	1,097	601	255	201
<b>Total</b>	<b>5,963</b>	<b>5,287</b>	<b>3,272</b>	<b>2,326</b>	<b>2,518</b>



Table of Contents**13 Investments**

	Consolidated Year ended	
	December 31, 2012	December 31, 2011
<b>Balance on begin of year</b>	<b>14,984</b>	<b>7,321</b>
Additions	892	7,357
Disposals	(62)	(8)
Cumulative translation adjustment	1,087	443
Equity	1,241	1,851
Valuation Adjustment	66	(28)
Dividends declared	(1,162)	(1,952)
Impairment	(4,002)	
<b>Balance on ended of year</b>	<b>13,044</b>	<b>14,984</b>

	Parent Company Year ended	
	December 31, 2012	December 31, 2011
<b>Balance on begin of year</b>	<b>113,150</b>	<b>92,111</b>
Additions	7,334	6,284
Disposals	(1,252)	(579)
Cumulative translation adjustment	8,432	8,168
Equity	749	9,996
Valuation Adjustment	(1,105)	(765)
Dividends declared	(1,461)	(2,065)
Impairment	(1,976)	
<b>Balance on ended of year</b>	<b>123,871</b>	<b>113,150</b>

Table of Contents**Investments (Continued)**

	Investments			Equity results		Received dividends	
	December 31, 2012	As of December 31, 2011	January 1, 2011	Year ended December 31, 2012	Year ended December 31, 2011	Year ended December 31, 2012	Year ended December 31, 2011
<b>Subsidiaries and affiliated companies</b>							
<b>Direct and indirect subsidiaries</b>							
Aços Laminados do Pará S.A.	319	266	85	(7)	(48)		
ALBRAS - Alumínio Brasileiro S.A. (a)			1,088				
ALUNORTE - Alumina do Norte do Brasil S.A. (a)			2,732				
Balderton Trading Corp	326	341	313	(46)	(28)		
Biopalma da Amazonia S.A. (a)	349	442		(115)	(37)		
Companhia Portuária da Baía de Sepetiba - CPBS	454	350	347	231	152	126	155
Companhia Minera Miski Mayo S.A.C (a)	528	446	356	66	6		
Ferrovia Centro-Atlantica S.A. (a)	2,926	2,359	1,916	(190)	(136)		
Ferrovia Norte Sul S.A.	1,717	1,740	1,743	(23)	(4)		3
Mineração Corumbaense Reunida S.A.	1,365	1,113	913	266	297	93	
Mineração Paragominas S.A.			1,813				
Minerações Brasileiras Reunidas S.A. - MBR (b)	4,538	3,792	3,291	224	230	258	
Potasio Rio Colorado S.A. (a)	6,016	2,776	1,736	(31)	(72)		
Rio Doce Australia Pty Ltd.	(36)	752	1,157	(2,080)	(507)		
	6,343	4,625	3,271	(208)	19		

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Salobo Metais S.A. (a) Sociedad Contractual Minera Tres Valles (a)	460	432	394	(95)	(76)		
SRV Reinsurance Company S.A.	1,248	837	177	24	(184)		
Vale International Holdings GMBH (b)	8,193	7,849	1,626	(2,124)	1,036		
Vale Canada Holdings	1,000	902	899	(22)	(23)		
Vale Canada Limited (b)	11,809	9,746	8,992	(2,602)	(215)		
Vale Colombia Holding Ltd. (f)		1,183	826	(64)	18		
Vale Fertilizantes S.A. (e)		10,735	6,055	(53)	203		
Vale Fertilizantes S.A. (antiga Mineração Naque S.A.) (a) (b)	13,602	1,921	4,932	2,417	(92)		
Vale International S.A. (b)	35,762	38,820	35,977	3,788	8,105		
Vale Manganês S.A.	687	717	890	(29)	25	1	382
Vale Mina do Azul S.A.	203	154		49	13		
Vale Emirates Limited	5,886	771	326	(257)	(438)		
Vale Shipping Holding Pte. Ltd.	5,118	3,944	1,245	226	55		
VBG Vale BSGR Limited (a)	869	757	833	(130)	(175)		
VLI Multimodal S.A. (a) (b)	607	206	174	65	33		
Others	538	190	683	56	(18)	95	55
	<b>110,827</b>	<b>98,166</b>	<b>84,790</b>	<b>(664)</b>	<b>8,139</b>	<b>573</b>	<b>595</b>
<b>Direct and indirect affiliates</b>							
California Steel Industries, INC	342	301	258	29	21	19	11
Companhia Coreano-Brasileira de Pelotização - KOBRASCO	219	208	208	50	55	40	54
Companhia Hispano-Brasileira de Pelotização - HISPANOBRÁS	213	214	212	73	34	74	32
Companhia Ítalo-Brasileira de Pelotização - ITABRASCO	130	150	143	16	78	36	71
Companhia Nipo-Brasileira de Pelotização - NIBRASCO	364	372	333	42	75	51	36
CSP- Companhia Siderugica do PECEM	1,020	499	30	(13)	(6)		
	697	529	416	113	140	107	

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Henan Longyu Energy Resources CO., LTD.							
LOG-IN - Logística Intermodal S/A (c)	192	212	224	(18)	(12)		
Mineração Rio Grande do Norte S.A. - MRN	277	248	236	42	13	14	
MRS Logística S.A.	1,197	1,028	851	236	219	119	92
Norsk Hydro ASA (d)	4,572	6,029		(77)	160	95	84
Norte Energia S.A.	246	137		(5)			
Samarco Mineração S.A.	1,288	745	676	1,247	1,453	373	1,384
Teal Minerals (Barbados) Incorporated	516	437	150	(9)	(9)		
Tecnored Desenvolvimento Tecnológico S.A. (a)	79	86	66	(42)	(13)		
Thyssenkrupp CSA Companhia Siderúrgica do Atlântico	1,092	3,003	3,065	(327)	(309)		
Vale Florestar Fundo de Investimento em participações	224	227	235	(3)	(8)		
Vale Soluções em Energia S.A.	146	272	199	(110)	(28)		
Zhuhai YPM Pellet Co	48	43	42	1			
Others	182	244	(23)	(4)	(6)	4	2
	<b>13,044</b>	<b>14,984</b>	<b>7,321</b>	<b>1,241</b>	<b>1,857</b>	<b>932</b>	<b>1,766</b>
	<b>123,871</b>	<b>113,150</b>	<b>92,111</b>	<b>577</b>	<b>9,996</b>	<b>1,505</b>	<b>2,361</b>

(a) Investment balance includes the values of advances for future capital increase;

(b) Excluded from equity, investment companies already detailed in note;

(c) Market value on December 31, 2012 was R\$246 and on December 31, 2011 was R\$ 197; and

(d) Available for market;

(e) Incorporated in Vale Fertilizantes S.A. (old Mineração Naque S.A.)

(f) Company sold in June 2012

Dividends received by the Parent company during the year ended at December 31, 2012 and 2011 was R\$1,190 and R\$2,196, respectively.



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	December 31, 2012						December 31, 2011	
	Total %	Voting %	Assets	Liabilities	Adjusted stockholders equity (*)	Adjusted operating results (*)	Adjusted net income for the year (*)	Adjusted net income for the year (*)
<b>Subsidiaries and affiliates</b>								
<b>Direct and indirect subsidiaries</b>								
Aços Laminados do Pará S.A.	100.00	100.00	318	(1)	319	(6)	(7)	(48)
Balderton Trading Corp	100.00	100.00	413	87	326	(44)	(46)	(28)
Biopalma da Amazonia S.A.	70.00	70.00	1,372	883	489	(79)	(165)	(53)
Companhia Portuária da Baía de Sepetiba - CPBS	100.00	100.00	572	118	454	352	231	152
Compañía Minera Miski Mayo S.A.C	40.00	51.00	1,682	432	1,250	230	165	15
Ferrovía Centro-Atlantica S.A.	99.99	99.99	3,289	363	2,926	(191)	(190)	(136)
Ferrovía Norte Sul S.A.	100.00	100.00	1,883	166	1,717	(17)	(23)	(4)
Mineração Corumbaense Reunida S.A.	100.00	100.00	2,159	794	1,365	344	266	297
Minerações Brasileiras Reunidas S.A. - MBR	98.32	98.32	6,357	956	5,401	268	370	392
Potasio Rio Colorado S.A.	100.00	100.00	4,815	339	4,476	(22)	(31)	(72)
Rio Doce Australia Pty Ltd.	100.00	100.00	4,673	4,482	191	(2,893)	(2,080)	(507)
Salobo Metais S.A.	100.00	100.00	7,406	1,063	6,343	(271)	(208)	19
Sociedad Contractual Minera Tres Valles	90.00	90.00	652	197	455	(101)	(106)	(84)
SRV Reinsurance Company S.A.	100.00	100.00	1,638	390	1,248	11	24	(184)
Vale International Holdings GmbH	100.00	100.00	104,250	7,412	96,838	(2,191)	(1,317)	1,036
Vale Canada Holdings	100.00	100.00	29,958	28,958	1,000	(9)	(22)	(23)
Vale Canada Limited	100.00	100.00	69,102	53,161	15,941	(1,393)	(2,573)	(194)
Vale Fertilizantes S.A. (Antiga Mineração Naque S.A.)	100.00	100.00	24,741	3,266	21,475	(142)	2,399	130
Vale International S.A.	100.00	100.00	141,523	59,029	82,494	2,223	1,050	7,796
Vale Manganês S.A.	100.00	100.00	929	242	687	51	(29)	25
Vale Mina do Azul S.A.	100.00	100.00	460	257	203	100	49	13
Vale Emirates Limited	100.00	100.00	6,437	551	5,886	(283)	(257)	(438)
Vale Shipping Holding Pte. Ltd.	100.00	100.00	5,307	189	5,118	84	226	55
VBG Vale BSGR Limited	51.00	51.00	3,815	2,282	1,533	(129)	(255)	(343)
VLI Multimodal S.A.	100.00	100.00	4,981	89	4,892	95	(143)	(118)
<b>Direct and indirect affiliates</b>								
California Steel Industries, INC	50.00	50.00	1,457	774	683	95	58	42
Companhia Coreano-Brasileira de Pelotização - KOBRASCO	50.00	50.00	471	34	437	138	100	109
Companhia Hispano-Brasileira de Pelotização - HISPANOBRÁS	50.89	51.00	506	87	419	78	143	66
Companhia Ítalo-Brasileira de Pelotização - ITABRASCO	50.90	51.00	324	69	255	42	31	153
Companhia Nipo-Brasileira de Pelotização - NIBRASCO	51.00	51.11	814	101	713	108	83	148
CSP- Companhia Siderúrgica do PECEM	50.00	50.00	2,171	132	2,039	(41)	(27)	(12)
Henan Longyu Energy Resources CO., LTD.	25.00	25.00	3,322	532	2,790	583	453	561



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LOG-IN - Logística Intermodal S/A	31.33	31.33	1,831	1,257	574	23	(54)	(35)
Mineração Rio Grande do Norte S.A. - MRN	40.00	40.00	2,043	1,350	693	192	104	33
MRS Logística S.A.	47.59	46.75	6,245	3,730	2,515	756	502	524
Norte Energia S.A.	9.00	9.00	7,463	4,734	2,729	(66)	(47)	
Samarco Mineração S.A.	50.00	50.00	10,272	7,696	2,576	3,393	2,493	2,906
Teal Minerals (Barbados) Incorporated	50.00	50.00	1,962	931	1,031	(11)	(18)	(18)
Tecnored Desenvolvimento Tecnológico S.A.	49.21	49.21	164	11	153	(86)	(86)	(22)
Thyssenkrupp CSA Companhia Siderúrgica do Atlântico	26.87	26.87	16,334	5,558	10,776	(978)	(1,217)	(1,150)
Vale Soluções em Energia S.A.	53.13	53.13	457	183	274	(523)	(532)	(52)
Zhuhai YPM Pellet Co	25.00	25.00	353	160	193	6	6	

(\*) Matches the individual contribution of each entity in consolidated

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## 14 - Intangible Assets

	December 31, 2012			Consolidated December 31, 2011			January 1, 2011		
	Cost	Amortization	Net	Cost	Amortization	Net	Cost	Amortization	Net
<b>Indefinite useful lifetime</b>									
Goodwill	9,407		9,407	8,990		8,990	8,654		8,654
	<b>9,407</b>		<b>9,407</b>	<b>8,990</b>		<b>8,990</b>	<b>8,654</b>		<b>8,654</b>
<b>Finite useful lifetime</b>									
Concession and subconcession	10,981	(3,307)	7,674	9,997	(2,813)	7,184	9,449	(2,936)	6,513
Right to use	732	(113)	619	1,133	(80)	1,053	1,101	(48)	1,053
Others	2,504	(1,382)	1,122	1,682	(1,120)	562	1,465	(856)	609
<b>Total</b>	<b>23,624</b>	<b>(4,802)</b>	<b>18,822</b>	<b>21,802</b>	<b>(4,013)</b>	<b>17,789</b>	<b>20,669</b>	<b>(3,840)</b>	<b>16,829</b>

	December 31, 2012			Parent Company December 31, 2011		
	Cost	Amortization	Net	Cost	Amortization	Net
<b>Indefinite useful lifetime</b>						
Goodwill	9,407		9,407	8,990		8,990
	<b>9,407</b>		<b>9,407</b>	<b>8,990</b>		<b>8,990</b>
<b>Finite useful lifetime</b>						
Concession and subconcession	6,410	(2,414)	3,996	5,920	(2,105)	3,815
Right to use	222	(83)	139	679	(72)	607
Others	2,504	(1,382)	1,122	1,682	(1,120)	562
	<b>9,136</b>	<b>(3,879)</b>	<b>5,257</b>	<b>8,281</b>	<b>(3,297)</b>	<b>4,984</b>
<b>Total</b>	<b>18,543</b>	<b>(3,879)</b>	<b>14,664</b>	<b>17,271</b>	<b>(3,297)</b>	<b>13,974</b>

The useful life of the concessions and sub-concessions are detailed (note 29d).

The rights of use refers basically to the usufruct contract entered into with non-controlling stockholders to use the Empreendimentos Brasileiros de Mineração S.A. shares (owner of the shares of MBR) and intangible identified in business combination of Vale Canada. The amortization of the right to use will expires in 2037 and Vale Canada's intangible will end in September 2046.

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The table below shows the movement of intangible assets during the period:

	Consolidated Year ended				Total
	Goodwill	Concessions and Subconcessions	Right to use	Others	
<b>Balance at January 1, 2012</b>	<b>8,990</b>	<b>7,184</b>	<b>1,053</b>	<b>562</b>	<b>17,789</b>
Addition through acquisition		1,044		825	1,869
Write off		(20)	(455)		(475)
Amortization		(534)	(32)	(265)	(831)
Translation adjustment	417		53		470
<b>Balance at December 31, 2012</b>	<b>9,407</b>	<b>7,674</b>	<b>619</b>	<b>1,122</b>	<b>18,822</b>

	Consolidated Year ended				Total
	Goodwill	Concessions and Subconcessions	Right to use	Others	
<b>Balance at January 1, 2011</b>	<b>8,654</b>	<b>6,514</b>	<b>1,054</b>	<b>607</b>	<b>16,829</b>
Addition through acquisition		1,378		373	1,751
Write off		(81)		(2)	(83)
Amortization		(858)	(24)	(185)	(1,067)
Translation adjustment	336		23		359
Others		231		(231)	
<b>Balance at December 31, 2011</b>	<b>8,990</b>	<b>7,184</b>	<b>1,053</b>	<b>562</b>	<b>17,789</b>

	Parent Company Year ended				Total
	Goodwill	Concessions and Subconcessions	Right to use	Others	
<b>Balance at January 1, 2012</b>	<b>8,990</b>	<b>3,815</b>	<b>607</b>	<b>562</b>	<b>13,974</b>
Addition through acquisition		537		825	1,362
Write off		(17)	(455)		(472)
Amortization		(339)	(13)	(265)	(617)
Translation adjustment	417				417
<b>Balance at December 31, 2012</b>	<b>9,407</b>	<b>3,996</b>	<b>139</b>	<b>1,122</b>	<b>14,664</b>

	Parent Company Year ended				Total
	Goodwill	Concessions and Subconcessions	Right to use	Others	
<b>Balance at January 1, 2011</b>	<b>8,654</b>	<b>3,824</b>	<b>631</b>	<b>455</b>	<b>13,564</b>
Addition through acquisition		332		294	626
Write off		(30)		(2)	(32)
Amortization		(311)	(24)	(185)	(520)
Translation adjustment	336				336

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<b>Balance at December 31, 2011</b>	<b>8,990</b>	<b>3,815</b>	<b>607</b>	<b>562</b>	<b>13,974</b>
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	December 31, 2012			Consolidated December 31, 2011			January 1, 2011		
	Cost	Accumulated Depreciation	Net	Cost	Accumulated Depreciation	Net	Cost	Accumulated Depreciation	Net
Land	1,381		1,381	1,331		1,331	593		593
Buildings	15,755	(3,304)	12,451	13,977	(2,552)	11,425	10,452	(2,334)	8,118
Installations	33,350	(9,326)	24,024	28,699	(7,885)	20,814	30,821	(5,724)	25,097
Equipment	2,014	(1,245)	769	1,737	(1,053)	684	479	(40)	439
Mineral assets	48,440	(9,887)	38,553	41,954	(7,319)	34,635	45,414	(4,753)	40,661
Others	54,673	(17,526)	37,147	51,290	(15,249)	36,041	44,478	(12,639)	31,839
Construction in progress	59,130		59,130	48,925		48,925	19,909		19,909
	<b>214,743</b>	<b>(41,288)</b>	<b>173,455</b>	<b>187,913</b>	<b>(34,058)</b>	<b>153,855</b>	<b>152,146</b>	<b>(25,490)</b>	<b>126,656</b>

	December 31, 2012			Parent Company December 31, 2011		
	Cost	Accumulated Depreciation	Net	Cost	Accumulated Depreciation	Net
Land	1,162		1,162	762		762
Buildings	5,695	(1,319)	4,376	6,131	(1,111)	5,020
Installations	16,428	(4,128)	12,300	15,674	(3,586)	12,088
Equipment	942	(724)	218	857	(638)	219
Mineral assets	4,402	(588)	3,814	3,750	(529)	3,221
Others	16,821	(7,533)	9,288	16,508	(6,449)	10,059
Construction in progress	30,073		30,073	24,134		24,134
	<b>75,523</b>	<b>(14,292)</b>	<b>61,231</b>	<b>67,816</b>	<b>(12,313)</b>	<b>55,503</b>

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	Consolidated Year ended							Total
	Land	Building	Facilities	Computer equipment	Mineral assets	Others	Constructions in progress	
<b>Balance in January 1, 2012</b>	<b>1,331</b>	<b>11,425</b>	<b>20,814</b>	<b>684</b>	<b>34,635</b>	<b>36,041</b>	<b>48,925</b>	<b>153,855</b>
Acquisitions							33,433	33,433
Disposals	(2)	(127)	(100)	(18)	(114)	(704)	(1,125)	(2,190)
Transfer to non-current assets held for sale		(51)	(67)		(3)	(1,919)	(24)	(2,064)
Impairment		(2,227)	(554)	(2)	(1,074)	(2,841)	(1,684)	(8,382)
Depreciation and amortization		(617)	(1,807)	(179)	(1,598)	(3,791)		(7,992)
Translation adjustment	(199)	714	(273)	334	2,932	2,483	804	6,795
Transfers	251	3,334	6,011	(50)	3,775	7,878	(21,199)	
<b>Balance in December 31, 2012</b>	<b>1,381</b>	<b>12,451</b>	<b>24,024</b>	<b>769</b>	<b>38,553</b>	<b>37,147</b>	<b>59,130</b>	<b>173,455</b>

	Consolidated Year ended							Total
	Land	Building	Facilities	Computer equipment	Mineral assets	Others	Constructions in progress	
<b>Balance in January 1, 2011</b>	<b>593</b>	<b>8,118</b>	<b>25,097</b>	<b>439</b>	<b>40,661</b>	<b>31,839</b>	<b>19,909</b>	<b>126,656</b>
Acquisitions							22,768	22,768
Disposals		(64)	(21)	(1)	(37)	(69)	(191)	(383)
Depreciation and amortization		(197)	(823)	(125)	(251)	(2,962)		(4,358)
Translation adjustment		(6)	(2,368)	7	953	6,290	4,296	9,172
Transfers	738	3,574	(1,071)	364	(6,691)	943	2,143	
<b>Balance in December 31, 2011</b>	<b>1,331</b>	<b>11,425</b>	<b>20,814</b>	<b>684</b>	<b>34,635</b>	<b>36,041</b>	<b>48,925</b>	<b>153,855</b>

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	Parent Company Year ended							Total
	Land	Building	Facilities	Computer equipment	Mineral assets	Others	Constructions in progress	
<b>Balance in January 1, 2012</b>	<b>762</b>	<b>5,020</b>	<b>12,088</b>	<b>219</b>	<b>3,221</b>	<b>10,059</b>	<b>24,134</b>	<b>55,503</b>
Aquisition							14,650	14,650
Disposals		(1)	(19)	(1)	(19)	(87)	(432)	(559)
Impairment		(2,227)	(554)	(2)	(550)	(817)	(1,922)	(6,072)
Depreciation and amortization		(184)	(575)	(95)	(135)	(1,302)		(2,291)
Transfers	400	1,768	1,360	97	1,297	1,435	(6,357)	
<b>Balance in December 31, 2012</b>	<b>1,162</b>	<b>4,376</b>	<b>12,300</b>	<b>218</b>	<b>3,814</b>	<b>9,288</b>	<b>30,073</b>	<b>61,231</b>

	Parent Company Year ended							Total
	Land	Building	Facilities	Computer equipment	Mineral assets	Others	Constructions in progress	
<b>Balance in January 1, 2011</b>	<b>362</b>	<b>2,543</b>	<b>8,579</b>	<b>177</b>	<b>2,765</b>	<b>12,074</b>	<b>17,962</b>	<b>44,462</b>
Aquisition							13,990	13,990
Disposals		(3)	(15)		(25)	(44)	(352)	(439)
Depreciation and amortization		(114)	(509)	(103)	(94)	(1,690)		(2,510)
Others	400	2,594	4,033	145	575	(281)	(7,466)	
<b>Balance in December 31, 2011</b>	<b>762</b>	<b>5,020</b>	<b>12,088</b>	<b>219</b>	<b>3,221</b>	<b>10,059</b>	<b>24,134</b>	<b>55,503</b>

The depreciation of the year, allocated to production cost and expense was R\$ 8,397 and R\$ 6,638 In 2012 and 2011 in the consolidated and R\$2,563 and R\$1,964 in 2012 and 2011 in the parent company, respectively.

The property, plant and equipment (net book value given as guarantee for judicial claims at December 31, 2012 and December 31, 2011 amounted to R\$ 197 and R\$146 in the consolidated and R\$ 161 and R\$134 in the parent company, respectively.

Table of Contents**16 - Impairment**

In 2012 we identified evidence of impairment on some investments and fixed assets of the nickel, aluminium, coal and other cash generating units. Tests were conducted to determine whether the recoverable amount is less than the carrying amount

To determine the fair value of the assets to Vale uses discounted cash flows.

The discount rates applied to the future cash flow forecasts represent an estimate of the rate the market would apply to comply with the risk of the assets under valuation, Vale weighted average cost of capital is used as a basic point for determining the discount rates, with appropriate adjustments for the risk profile of the countries in which the individual cash-generating units operate.

The following impairment charges were recorded:

Assets	Cash generating unit	As of December 31, 2012		
		Carrying amount	Recoverable amount	Adjustment for impairment
<b>Investment</b>				
Aluminum	Hydro	6.598	4.572	2.026
Steel	Thyssenkrupp CSA	4.387	2.583	1.804
Energy	VSE	207	35	172
		<b>11.192</b>	<b>7.190</b>	<b>4.002</b>
<b>Property plant and equipment</b>				
Nickel	Onça Puma	7.653	1.884	5.769
Coal	Australia	3.365	1.226	2.139
Others		386	83	303
		<b>11.404</b>	<b>3.193</b>	<b>8.211</b>
		<b>22.596</b>	<b>10.383</b>	<b>12.213</b>

**(i) Investment**

- Investment in Hydro**



The volatility of aluminum prices and uncertainties about the European economy have contributed to a reduction in the fourth quarter of 2012 in the traded market value of our 22% stake in Hydro, a Norwegian-controlled aluminum producer, to a level lower than the carrying value of the investment.

The market value of the investment at December 31 was obtained based on the market value of the shares of Hydro, which are traded in the capital market and had odds of US\$ 4.99 per share on that date, resulting in a value of investment of R\$ 4,572.

- **Investment in Thyssenkrupp CSA**

We recorded an impairment charge against the carrying value of our 26.87% interest in Thyssenkrupp CSA to reflect a reduction in the investment recoverable amount. The fair value based on future cash flow and does not take into account the inherent value of our rights as the exclusive suppliers of ore to the mill which comprise an integral component of our investment strategy.

- **Investment in VSE**

Changes in the investment strategy of the Company have altered the expected cash flows from operations of our joint venture Vale Soluções de Energia ( VSE ).

The recoverable amount for VSE was ascertained from the new cash flow projections from financial budgets recently approved by management for joint venture.

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**(ii) Propert plant and equipment**

• **Onça Puma nickel assets**

Problems with the two furnaces in the Onça Puma project have led to the total stoppage of its iron-nickel operations since June 2012. After reviewing the case, Vale decided to rebuild one of the furnaces and plans to resume operations in the fourth quarter of 2013. Given this event and the current market environment for iron-nickel, the net book value of Onça Puma's assets required an adjustment for impairment.

The recoverable amount of Onça Puma's assets was ascertained by determining their value in use from cash flow projections based on financial budgets approved by management for the life of the mine. The projected cash flow was adjusted to reflect the effects of the quantities sold at the commodity futures prices and on the expected demand for the product.

The key assumptions used by management to calculate the impairment are the sales values of the commodities and the discount rate, reflecting the volatile nature of the business.

In order to estimate the value in use of the assets, Vale uses the discounted cash flow.

• **Coal assets in Australia**

Increasing costs, falling market prices, reduced production levels and financially unfavorable regulatory changes were identified in the coal sector, leading us to carry out impairment tests.

The recoverable amount for the Australian assets was ascertained by determining through the calculation of value in use their value in use from cash flow projections based on financial budgets approved by management for the life of the mine. The projected cash flow was adjusted to reflect the effects of the quantities sold at the commodity futures prices and on the expected demand for the product.

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The key assumptions used by management to calculate the impairment of coal assets in Australia are the commodities prices and the discount rate, reflecting the volatile nature of the business.

- **Others**

Changes in the Company's strategy have altered the expected cash flows from operations on our other operation, as of oil and gas and other projects.

The recoverable amount of these assets was ascertained from the new cash flow projections from financial budgets recently revised and approved by management.

**(iii) Goodwill and intangible assets of indefinite life**

The goodwill arose from the process of acquisition of part of our business mainly represented by buck materials (R\$4,287), base metals (R\$3,791) and fertilizer (R\$1,329).

The annual impairment review resulted in no impairment charge both for 2012 and 2011. For impairment testing purpose, we used a specific discount rate by asset, which consider a premium for country and business segment risk, ranging from 7.8% to 8.6%.

The key assumption to which the discounted cash flow is more sensitive is the sales prices and production cost.

Table of Contents17 - **Loans and Financing**a) **Short term debts**

	December 31, 2012	Consolidated December 31, 2011	January 1, 2011	Parent Company December 31, 2012	December 31, 2011
Working capital		40	232		
		<b>40</b>	<b>232</b>		

Financings raised in the short term for exports, denominated in U.S. dollars with average interest rates as at December 31, 2012 of 1.81% per years.

b) **Long term**

	December 31, 2012	Current Liabilities December 31, 2011	Consolidated January 1, 2011	December 31, 2012	Non-current liabilities December 31, 2011	January 1, 2011
<b>Long-term contracts abroad</b>						
<b>Loans and financing in:</b>						
United States dollars	1,235	944	3,972	6,906	5,014	4,215
Others currencies	29	17	33	535	97	365
<b>Fixed rates:</b>						
Notes indexed in United States dollars (fixed rates)	253	761		27,499	18,823	17,066
Euro				4,043	1,812	1,671
Perpetual notes						130
Accrued charges	662	413	388			
	<b>2,179</b>	<b>2,135</b>	<b>4,393</b>	<b>38,983</b>	<b>25,746</b>	<b>23,447</b>
<b>Long-term contracts in Brazil</b>						
Indexed to TJLP, TR, IGP-M e CDI	358	461	127	12,395	9,799	6,483
Basket of currencies	4	3	2	21		208

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Loans in United States dollars	346			2,590		1,230
Non-convertible debentures into shares	4,000		2	774	4,680	4,610
Accrued charges	206	208	183			
	<b>4,914</b>	<b>672</b>	<b>314</b>	<b>15,780</b>	<b>14,479</b>	<b>12,531</b>
	<b>7,093</b>	<b>2,807</b>	<b>4,707</b>	<b>54,763</b>	<b>40,225</b>	<b>35,978</b>

	Parent Company			
	Current liabilities		Non-current liabilities	
	December 31, 2012	December 31, 2011	December 31, 2012	December 31, 2011
<b>Long-term contracts abroad</b>				
<b>Loans and financing in:</b>				
United States dollars	275	165	5,135	3,325
Others currencies			2	
<b>Fixes rates:</b>				
United States dollars			3,065	
Euro			4,043	1,812
Accrued charges	212	81		
	<b>487</b>	<b>246</b>	<b>12,245</b>	<b>5,137</b>
<b>Long-term contracts in Brazil</b>				
Indexed to TJLP, TR, IGP-M e CDI	306	447	12,032	9,459
Loans in United States dollars	346		2,590	
Non-convertible debentures into shares	4,000			4,000
Accrued charges	189	199		
	<b>4,841</b>	<b>646</b>	<b>14,622</b>	<b>13,459</b>
	<b>5,328</b>	<b>892</b>	<b>26,867</b>	<b>18,596</b>

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The long-term portion as at December 31, 2012 has maturities as follows:

	<b>Consolidated</b>	<b>Parent Company</b>
2014	2,802	2,411
2015	2,459	1,556
2016	3,850	1,610
2017 onwards	45,652	21,290
	<b>54,763</b>	<b>26,867</b>

As at December 31, 2012, the annual interest rates on the long-term debts were as follows:

	<b>Consolidated</b>	<b>Parent Company</b>
Up to 3%	11,123	8,376
3,1% to 5% (*)	11,630	4,864
5,1% to 7%	25,329	9,209
7,1% to 9% (**)	10,056	7,207
9,1% to 11% (**)	2,734	2,539
Over 11% (**)	983	
Variable	1	
	<b>61,856</b>	<b>32,195</b>

(\*) Includes Eurobonds. For this operation we have entered into derivative transactions at a cost of 4.51% per year in US dollars.

(\*\*) Includes non-convertible debentures and other Brazilian Real denominated debt that bears interest at the CDI and Brazilian Government Long-term Interest Rates ( TJLP ), plus spread. For these operations, we have entered into derivative transactions to mitigate our exposure to the floating rate debt denominated in Brazilian Real, totaling R\$ 16.812 (US\$ 8.227 million) of which R\$ 16.123 (US\$ 7.890 million) has an original interest rate above 5.1% per year. The average cost of debts not denominated in U.S. Dollars after derivatives contracting is 3.16% per year in US dollars.

Non Convertible Debentures	Quantity as of December 31, 2012				Interest	Balance	
	Issued	Outstanding	Maturity	December 31, 2012		December 31, 2011	31 de dezembro de 2010
2nd Series	400,000	400,000	November 20, 2013	100% CDI + 0.25%	4,032	4,049	4,047

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Tranche	B	-	Salobo	5	5	No date	6.5% p.a + IGP-DI	774	680	611
								<b>4,806</b>	<b>4,729</b>	<b>4,659</b>
Short-term portion								3,999		
Long-term portion								774	4,680	4,610