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#### Vale S.A.

(incorporated in Brazil as a Sociedade por Ações)

(Stock code: 6210 for Common Depositary Receipts)

(Stock code: 6230 for Class A Preferred Depositary Receipts)

#### PERFORMANCE OF VALE IN 3Q12 (BR GAAP/IFRS)

The following sets out the main text of the announcement published by Vale S.A. on October 24, 2012.

Chief Financial and Investor Relations Officer of **Vale S.A.** Luciano Siani

Hong Kong, October 24, 2012



#### BM&F BOVESPA: VALE3, VALE5 NYSE: VALE, VALE.P HKEx: 6210, 6230 EURONEXT PARIS: VALE3, VALE5 LATIBEX: XVALO, XVALP

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### PERFORMANCE OF VALE IN 3Q12

**FACING THE** 

**CHALLENGES** 

Rio de Janeiro, October 24, 2012 – Vale S.A. (Vale) had a financial performance that reflected the challenges stemming from the downward price volatility typically created by a global economic deceleration, which combines the effects of a weaker demand for minerals and metals with negative expectations. Although our main financial indicators softened in comparison with last quarter, they remained solid.

Mining is fundamentally a cyclical industry and is thus exposed to high price volatility. In such environment and in light of prospects of a more moderate expansion of the world economy in the years to come, higher productivity and lower cost levels are of paramount importance to thrive in a very competitive global market.

Vale is increasingly focused on strengthening capital efficiency, as our priority is to maximize shareholder value creation while maintaining a strong balance sheet to preserve our credit rating status<sup>1</sup>.

Investments in world-class assets – with long life, low cost, expandability and high quality output - such as Carajás S11D and Moatize, are our focus in project execution. In this context, diversification is still a strategic priority, but only if investment in non-iron ore assets proves to be capable of creating significant value.

Divestiture of non-value adding assets will improve capital allocation and unlock funds to help the financing of investment in world-class assets, allowing for only a moderate use of the balance sheet at this stage of the cycle.

Alongside the efforts to optimize capital management, we are developing initiatives to streamline the cost structure of operating and corporate activities.

A significant improvement in our approach to applying for environmental permits is being rewarded, with the granting of licenses critical to run mining and logistics operations in Brazil as well as to the development of projects, such as Serra Sul S11D.

The competitiveness of our iron ore business is being enhanced through initiatives to cut costs, increase productivity, improve quality and expand the global distribution network. The most important ones are the execution of projects based on the high quality reserves of Carajás – Additional 40 Mtpy, Serra Sul S11D, the start-up of production of the 67.1% Fe content N5 South mine in Carajás and the use of technology to counteract the effects of ageing in our Southern/Southeastern Systems reserves.

As the global leader in iron ore, by size and quality of production and reserves, we will continue to benefit from a scenario of growth and structural transformation of emerging market economies.

We strongly believe that the execution of a strategy anchored on a rigorous discipline in capital allocation and the exploitation of our rich endowment of mineral resources will enable us to deliver substantial value over the next few years.



<sup>&</sup>lt;sup>1</sup> Vale is rated A- by Standard & Poors, BBB+ by Fitch, BBB(high) by DBRS and Baa2 by Moody's.



- Gross operating revenues totaled R\$ 22.2 billion, 7.0% below the R\$ 23.9 billion in 2Q12. The decline was a consequence of lower sales prices.
- Income from existing operations, as measured by adjusted EBIT (earnings before interest and taxes), decreased to R\$ 5.4 billion, 30.5% below 2Q12. After excluding the effect of the provision related to mining royalties (CFEM), EBIT reached R\$ 6.5 billion.
- Operating income margin of 30.1%, as measured by EBIT margin, after excluding the effect of the CFEM provision.
- Net earnings were R\$ 3.3 billion in 3Q12, equal to R\$ 0.65 per share.
- Cash generation, as measured by EBITDA (earnings before interest, taxes, depreciation and amortization), of R\$ 7.6 billion, 24.9% lower than the previous quarter. After excluding the effects of non-recurring items, cash generation was R\$ 8.7 billion in 3Q12. Over the last 12-month period ended on September 30, 2012, EBITDA was R\$ 41.7 billion, after excluding non-recurring accounting charges.
- Capex excluding acquisitions in 3Q12 equaled US\$ 4.3 billion, in line with 2Q12. In the first nine months of the year, capital expenditures totaled US\$ 12.3 billion, 8.4% above the US\$ 11.3 billion spent in the same period of 2011.
- Dividend of US\$ 3.0 billion, R\$ 1.1865 per share, to be paid from October 31, 2012 onward, totaling US\$ 6.0 billion for 2012, and equal to R\$ 2.2617 per common or preferred share.
- Maintenance of a strong balance sheet, with low debt leverage, measured by total debt/LTM adjusted EBITDA, equal to 1.4x, long average maturity, 10.3 years, and low average cost, 4.6% per year as of September 30, 2012.



					2T12
R\$ million	3Q11	2Q12	3Q12	%	%
	(A)	(B)	(C)	(C/A)	(C/B)
Operating revenues	27.407	23.910	22.241	(18,8)	(7,0)
EBIT	13.664	7.829	5.440	(60,2)	(30,5)
EBIT excluding charges from asset sales	13.664	8.597	6.540	(52,1)	(23,9)
EBIT margin excluding charges from asset sales(%)	51,0	36,7	30,1		
EBITDA	15.688	10.095	7.581	(51,7)	(24,9)
EBITDA excluding charges from asset sales	15.688	10.863	8.681	(44,7)	(20,1)
Net earnings	7.893	5.314	3.328	(57,8)	(37,4)
Net earnings per share (R\$)	1,50	1,04	0,65	(56,7)	(37,5)
Exports (US\$ million)	10.700	7.282	6.926	(35,3)	(4,9)
Net exports (US\$ million)	10.400	6.601	6.498	(37,5)	(1,6)
R\$ million		9M1	1	9M12	%
		(/	A)	(B)	(B/A)
Operating revenues		74.46	64	66.246	(11,0)
EBIT		39.43	32	20.158	(48,9)
EBIT excluding charges from asset sales		36.94	40	22.026	(40,4)
EBIT margin excluding charges from asset sales(%)		50	,8	34,0	
EBITDA		45.42	29	26.470	(41,7)
EBITDA excluding charges from asset sales		42.93	37	28.338	(34,0)
Net earnings		29.45	58	15.362	(47,9)
Net earnings per share (R\$)		7,7	70	2,96	(61,6)
Exports (US\$ million)		28.13	34	20.451	(27,3)
Net exports (US\$ million)		26.78	32	18.944	(29,3)

Except where otherwise indicated the operational and financial information in this release is based on the consolidated figures in accordance with international accounting standards (IFRS), implemented in Brazil through the Comitê de Pronunciamentos Contábeis (CPC) and approved by the Comissão de Valores Mobiliários (CVM). The main subsidiaries that are consolidated are the following: Compañia Minera Miski Mayo S.A.C, Ferrovia Centro-Atlântica S.A, Ferrovia Norte Sul S.A, Mineração Corumbaense Reunida S.A, PT Vale Indonesia Tbk (formerly PT International Nickel Indonesia Tbk), Sociedad Contractual Minera Tres Valles, Vale Australia Pty Ltd., Vale Canada Limited (formerly Vale Inco), Vale Coal Colombia Ltd, Vale Fertilizantes S.A., Vale International S.A, Vale Manganês S.A., Vale Mina do Azul S.A.,Vale Nouvelle-Caledonie SAS, Vale International Holdings GMBH, Vale Moçambique S.A., Vale Oman Peletizing Company PTE Ltd and Vale Shipping Holding PTE Ltd.

# STRATEGY, GROWTH AND VALUE CREATION

Vale is increasingly focused on strengthening capital efficiency, as our priority is to maximize shareholder value creation while maintaining a strong balance sheet to preserve our credit rating status.

We will conclude projects already under execution, while R&D expenditures are being cut to give rise in the future to a smaller and more select portfolio of projects with high expected rates of return and effective potential to foster value creation. Some mineral exploration efforts were terminated in cases where costs were expected to be higher than risk-adjusted benefits.

2012 is very likely to be the peak year for capital expenditures in the foreseeable future.

Investment in world-class assets – with long life, low cost, high quality output and expandability such as Carajás S11D and Moatize are our focus in project execution. In this context, diversification is still a strategic priority, but only if investment in non-iron ore assets proves to be able to create value.

Divestiture of non-value adding assets will improve capital allocation and will unlock funds to help the financing of investment in world-class assets, allowing for only a moderate use of the balance sheet at this stage of the cycle.

Alongside the efforts to optimize capital management, we are developing initiatives to streamline the cost structure of operating and corporate activities.

The competitiveness of our iron ore business is being enhanced through initiatives to cut costs, increase productivity and improve quality. The most important ones are the execution of projects based on the high quality reserves of Carajás and the use of technology to counteract the effects of ageing in our Southern/Southeastern Systems reserves.

The significant improvement in our approach to applying for environmental permits is being rewarded. This year we obtained a total of 52 licenses, which were critical to the running of our mining and logistics operations in Brazil. Moreover, we received the preliminary license for Serra Sul S11D, a very important project for the future supply of iron ore, and the operating license for the N5 South mine, at Carajás.

N5 South has 1.025 billion metric tons of proven and probable reserves and an average Fe content of 67.1%. It is expected to begin production by year-end, providing approximately 25% of the runof-mine (ROM) ores to be extracted from Carajás in 2013, boosting quality while leading to lower operating costs. N5 South is important for strengthening Vale's position as the leading global producer of high quality iron ore.

The four Itabiritos projects – Conceição, Conceição II, Cauê and Vargem Grande – will replace lost capacity, as well as expand net capacity. The most important implication will be the rise in Fe content to above 65% and a sharp reduction in the silica content through the construction/adaptation of plants with additional phases of crushing and screening.

An estimated fleet of 20 Valemax vessels will be in operation by the end of 2012, leading to stronger global competitiveness by our iron ore business. By the same token, our global distribution network is being expanded with new ports able to receive the Valemax ships, the construction of the Malaysian distribution center and other floating transfer stations in Asia.

Three pellet plants – Tubarão I & II and São Luís are being temporarily shutdown in order to accommodate the effect of a cyclical weakening of demand, while the feed is reallocated to enhance the supply of iron ore sinter feed.

The size and performance of our coal business will be significantly improved with the development of the mining and logistics operations in Mozambique, taking advantage of an efficient mine-railway-port system and largescale production of premium hard coking coal coming on stream by 2015.

The base metals business is finding ways to live within its means, pursuing lower costs and higher productivity, and will benefit from the expansion of capacity in copper - Salobo I & II and Lubambe. Loss-making nickel mines in Canada will be shut down.<sup>2</sup> We do not expect an impact on the production of finished nickel as mine output losses will be offset by higher production in Sorowako.

We are finalizing the assessment of costs to reform the furnaces of Onça Puma. Afterwards, the impairment test will be concluded and the results will be publicly disclosed immediately.

<sup>&</sup>lt;sup>2</sup> Labor will be redeployed to other operations.

### **BUSINESS OUTLOOK**

The global economic outlook presents several challenges. Global GDP growth has slowed since the middle of last year and has been hovering around 2-2.5% over the last two quarters, far below its long-term trend and with the weakest pace since the current cyclical recovery began in 2Q09.

Despite the downside risks, we expect global economic activity to strengthen gradually over the next few months, mostly driven by emerging market economies, although expansion is likely to proceed at a moderate pace.

Prices of industrial metals, much more than energy and food commodities, tend to be predominantly influenced by the fluctuations in economic activity – industrial production - and expectations about the future. Therefore, the downward trend in iron ore, nickel and copper prices, among others, came in line with the cyclical deceleration in global industrial production growth and negative expectations about the evolution of the global economy<sup>3</sup>.

Industrial production expansion started a down cycle in 2Q11. Over the last few months global IP growth neared zero, but the global manufacturing PMI increased in September for the first time in five months, which may be signaling the beginning of a trend reversal.

The most encouraging indication is given by the rise in the new orders-to-inventories of finished goods ratio. This is consistent with the increase in global retail sales and suggests that the inventory cycle, which has been holding industrial output from expanding, is coming to an end. Thus, we expect industrial production to pick up by yearend, strengthening the global demand for minerals and metals.

Over the last 2 ½ years at least three crises have emerged in the Euro Zone – sending waves of uncertainty throughout the global economy - and each of them was followed by limited policy response thus leaving room for recurrence in the near future.

The resistance to give up national sovereignty creates barriers to governments making a quantum leap towards the adoption of fiscal and banking union in the Euro Zone, a necessary step to consolidate the monetary union. At the same time, entrenched interests pose obstacles to the implementation of structural reforms to improve competitiveness in most of the Euro Zone members.

The political will to preserve the Euro makes the adjustment feasible albeit at a slow pace. As a consequence, over the next few years the European economy is very likely to move forward very slowly.

The current US recovery has been slower than recoveries from earlier recessions due to the problems left by the financial crisis.

On the one hand, the US private sector has undergone an impressive adjustment, which sets the base for a strong expansion. Corporate profits and cash flow keep growing, banks as well as households have deleveraged, labor costs have lowered relative to European and Asian competitors, the real estate market has stabilized – ceasing to be a drag on GDP – and the natural gas revolution is reducing the US dependency on oil imports and raising the competitiveness of its manufacturing industry.

On the other hand, the high public debt/GDP ratio, the lack of political resolve on how to deal with it and the impending so-called fiscal cliff, involving more than half a trillion US dollars in 2013, are sources of uncertainty which have been blocking the US economy from growing at a much faster pace in the short-term.

The Japanese economy is recovering from last year's huge natural disaster, and continues to struggle with deflation and persistent weak demand.

The spillover to the rest of the world economy of the lack of confidence in the policies of developed economies, in particular the Euro sovereign debt crisis, is not restricted to the trade channel. It has contributed to create uncertainty which is detrimental to global economic expansion.

Investment demand, consumption of durable goods and hiring plans are negatively affected by macroeconomic uncertainty. Among other things, this leads to a decline in expected returns on projects and to a weakening in investors' and lenders' appetites to provide funding for investment. Liquidity-constrained firms tend to reduce R&D expenditures that will in turn entail slower productivity growth.

The recent announcements by the main central banks, the FED (QE3) and the ECB (OMT), of another round of non-conventional monetary

<sup>&</sup>lt;sup>3</sup> Iron ore, nickel and copper prices reached a post-crisis peak in 1Q11 simultaneously to the cyclical peak of global industrial production growth.

policy actions contributed to improve risk perception and in particular to mitigate the tail risk associated to the potential for a disruption of the Euro Zone<sup>4</sup>. As a consequence of greater confidence, financial markets rallied as well as commodity prices – including base metals - but the potential for these initiatives to restore economic growth on a sustainable basis depends of course on further steps.

Following a strong rebound from the Great Recession of 2008/9, the GDP growth of emerging market economies slowed, declining from 9% per year in 4Q09 to around 5.5% recently.

The slowdown in the pace of expansion of the Chinese economy - the largest emerging market and the world's second largest economy - is caused by both cyclical and structural factors. Part of the growth deceleration is the outcome of macroeconomic policy normalization after the big capital spending stimulus program launched in reaction to the global financial shock of 2008.

The main challenge of the Chinese economy is to avoid the so-called middle-income trap, which means that fast growing emerging economies may stall after reaching a middle level of per capita income. More specifically, it means maintaining the high rate of productivity growth recorded by China over the last thirty years, which was relatively easy to reach in face of the preexisting low level of efficiency and the reallocation of abundant labor from subsistence agriculture to manufacturing. Once these conditions start to fade, large capital spending tends to find diminishing returns.

China's growth model has to be changed towards more capital efficiency, which, among other implications, will entail a more balanced composition of aggregate demand expansion, with a less important role for investment and more for consumption.

In line with the need for change in the macroeconomic policy framework, the Chinese authorities did not launch another big stimulus program and the incoming leadership is not expected to do it either, unless they see the economy on the verge of a recession, which is not the case now. It is likely that a transition towards a new growth model will continue, gradually and

cautiously. Initial movements have been observed: some limited interest rate liberalization, more exchange rate flexibility and use of the renminbi for international trade and investment, while a few local experiments on financial liberalization are being conducted.

This does not mean that the China growth story is over. On the contrary, it is expected to expand by 6% to 7% per year on average until the end of this decade – a very high pace of expansion for an already large-sized economy - and substantial investment spending will continue to flow primarily to meet housing and infrastructure needs. As a consequence, China is expected to continue to exert significant pressure on the demand for minerals and metals, including iron ore. As the global leader in iron ore, by size and quality of production and reserves, we will continue to benefit from this scenario.

The long-term potential for iron ore demand growth comes primarily from the requirements to accommodate some 300 million additional people in the cities over the next 20 years and to alleviate the existing large housing shortage. Like other Asian cities, those in China tend to be densely populated, which is solved by constructing highrise buildings, which are far more steel-intensive than the usual 10-12 floor structures in the western world.

Urbanization demands not only housing investment, but also spending on non-residential buildings, urban infrastructure, cars and home appliances, which will help to drive the demand for iron ore and base metals.

Moreover, the rise of consumption expenditures to a more prominent role in Chinese economic growth will mean an increasing demand for cars – the number of passenger vehicles in China is still a lot lower than in other emerging economies home appliances and proteins, which will imply more demand for iron ore, coal, base metals and fertilizers.

In the short-term, the latest data suggests that China's economy has bottomed in the first half of the year, as pointed out in our 2Q12 report. On a year-on-year basis, GDP expanded 7.4%, lower than the 7.6% y/y in 2Q12, but on a sequential basis (which is actually the relevant move to observe), seasonally adjusted q/q annualized real GDP is estimated to have reached 7.5%, moving up from under 7% as an average in 1H12.

In September, industrial production grew 9.2% y/y, while on the domestic demand side, retail sales expanded by 14.2% y/y and fixed asset investment by 22.2%, the strongest increase since November 2011.

<sup>&</sup>lt;sup>4</sup> QE3 – the US Federal Reserve Bank (Fed) will buy US\$ 40 billion per month of mortgage assets for an unlimited period of time. Jointly with other asset buying programs, the Fed will increase its stock of long-term financial assets by some US\$ 85 billion per month.

OMT – Outright Monetary Transactions – On September 6, the European Central Bank (ECB) announced it will buy sovereign bonds in the secondary market under certain conditions including the effective conditionality attached to a macroeconomic adjustment program.

Despite the absence of major changes in housing credit conditions, the quarterly data show a rebound in property sales, increasing to +6.0% y/y from -7.7% y/y in 2Q12, contributing to reduce the stock of unsold homes and to stimulate developers to push new projects to the market. Data on house prices released by the National Bureau of Statistics and Soufun continue to indicate price stabilization. Clearly, we do not expect a new housing boom, but a moderate expansion, that will be better from a risk point of view than the policy-driven booms and busts of the last ten years.

Investment in infrastructure – another major source of demand for minerals and metals – has accelerated in 3Q12, with funding increasingly provided by bond issuance by local governments. Newly started investment projects, a forwardlooking indicator of fixed investment, have been recovering and climbed to 25.7% y/y for the first nine months of the year and to 29.8% q/q.

Cement, which can be kept in storage only for a very limited period of time, had a rebound in production. Output growth rate accelerated to 12.0% y/y in September from 7.0% in June, reflecting the stronger demand from the pickup in railway and highway investment.

The fall in iron ore prices has been misidentified as an outcome of demand weakness from China. As a matter of fact, Chinese imports did rise by 8.7% in the first nine months of 2012 when compared to the same period of last year. At 552 million metric tons (Mt), it is an all-time high figure, with an increase of 48 Mt, far from showing any weakness. Lower prices are mostly explained by a combination of demand weakness in the rest of the world – which entailed a reallocation of supply from other countries to the Asian market - and the negative global economic outlook, including pessimism about China's economic performance.

The growth in Chinese iron ore imports is partly due to substitution of high-cost local producers as crude steel output increased only 1.2% in January/September 2012, running at around 700 Mt on a yearly basis. The high cost marginal suppliers tend to set a floor to prices, which after reaching a low point in the first week of September recovered to a US\$ 110-115 range.

Given the liquidity and the large and growing size of the Chinese iron ore market, rising prices have attracted many high-cost marginal suppliers from other countries. In 2000, exporters from traditional sources – Australia, Brazil, India and South Africa – were responsible for 95% of China's imports. Over time, the share supplied by non-traditional sources – 16 countries in 2000, 56 countries in 2011 – expanded, reaching 22% in 2011. In a low price environment many of these non-Chinese suppliers will have to retrench as well.

The sharp fall in iron ore prices in the early days of September was caused by destocking and so far there are no indications of a replenishing of inventories. In the downstream of the supply chain, steel traders, who hold the majority of steel stocks in China, have liquidated part of their inventories over the last couple of months, eliminating the excess.

The performance of leading indicators of the property market, the recovery of infrastructure spending and the iron ore and steel destocking create the potential for future strengthening of iron ore demand and for moderate price increases. In addition, we expect non-Chinese demand for iron ore to improve, as a result of better growth performance of some emerging economies, such as Brazil, India and Southeast Asia in 2013.

Nickel and copper prices reacted positively to the announcements of monetary policy actions from major central banks.

The rise in nickel prices was supported by some increase in stainless steel production after the end of the summer season in the Northern Hemisphere. However, the reaction of nickel-in-pig-iron producers – most are likely to at least break even at U\$ 17,000 per metric ton - and the rising stocks caused prices to soften.

The case of copper prices is somewhat different as LME stocks are low and supply was negatively impacted by strikes in Chile. Therefore, prices have been supported at US\$ 8,000 per metric ton.

# REVENUES

R\$ million	3T11	%	2T12	%	3T12	9
Bulk materials	20.907	76,3	17.602	73,6	15.346	69,
Ferrous minerals	20.431	74,5	17.059	71,3	14.889	66,
Iron ore	16.617	60,6	12.823	53,6	11.239	50,
Pellet plant operation services	15	0,1	18	0,1	-	
Pellets	3.512	12,8	3.842	16,1	3.423	15,
Manganese ore	60	0,2	123	0,5	116	0,
Ferroalloys	227	0,8	253	1,1	111	0,
Coal	476	1,7	543	2,3	457	2,
Thermal coal	206	0,8	157	0,7	42	0,
Metallurgical coal	270	1,0	386	1,6	415	1,
Base metals	3.806	13,9	3.491	14,6	3.582	16,
Nickel	2.353	8,6	2.197	9,2	1.843	8,
Copper	1.046	3,8	893	3,7	1.317	5,
PGMs	135	0,5	225	0,9	182	0,
Gold	162	0,6	114	0,5	168	0,
Silver	73	0,3	31	0,1	27	0,
Cobalt	37	0,1	31	0,1	45	0,
Fertilizer nutrients	1.700	6,2	1.814	7,6	2.221	10,
Potash	131	0,5	159	0,7	158	0,
Phosphates	1.165	4,3	1.239	5,2	1.589	7,
Nitrogen	353	1,3	379	1,6	421	1,
Others	51	0,2	37	0,2	53	0,
Logistics services	819	3,0	799	3,3	913	4,
Railroads	583	2,1	573	2,4	626	2,
Ports	236	0,9	226	0,9	287	1,
Others	175	0,6	204	0,9	179	0,
Total	27.407	100,0	23.910	100,0	22.241	100,

R\$ million	3T11	%	2T12	%	3T12	%
North America	1.285	4,7	1.340	5,6	949	4,3
USA	741	2,7	801	3,3	484	2,2
Canada	491	1,8	517	2,2	465	2,1
Others	52	0,2	23	0,1	0	0,0
South America	5.403	19,7	4.950	20,7	5.109	23,0
Brazil	4.881	17,8	4.536	19,0	4.768	21,4
Others	522	1,9	413	1,7	341	1,5
Asia	14.746	55,2	12.305	51,5	11.641	52,
China	9.743	37,0	7.549	31,6	7.109	32,0
Japan	3.164	11,5	2.506	10,5	2.480	11,2
South Korea	1.130	4,1	1.150	4,8	1.050	4,
Taiwan	392	1,4	692	2,9	398	1,8
Others	318	1,2	410	1,7	603	2,
Europe	5.185	18,9	4.547	19,0	4.003	18,
Germany	1.816	6,6	1.440	6,0	1.328	6,
France	335	1,2	289	1,2	408	1,
UK	380	1,4	421	1,8	451	2,
Italy	796	2,9	977	4,1	568	2,
Turkey	224	0,8	242	1,0	253	1,
Spain	219	0,8	215	0,9	203	0,9

3Q12

						UQIL
Netherlands	300	1,1	143	0,6	149	0,7
Others	1.114	4,1	821	3,4	644	2,9
Middle East	451	0,2	523	2,2	286	1,3
Rest of the World	336	1,2	244	1,0	253	1,1
Total	27.407	100,0	23.910	100,0	22.241	100,0

# COSTS AND EXPENSES

COGS						
R\$ million	3T11	%	2T12	%	3T12	9
Outsourced services	1.978	19,6	2.505	21,5	2.508	20,
Cargo freight	610	6,0	632	5,4	600	4,
Maintenance of equipments and facilities	330	3,3	417	3,6	409	3,
Operational Services	485	4,8	546	4,7	686	5,
Others	553	5,5	910	7,8	813	6,
Material	1.673	16,5	2.133	18,3	2.362	19,
Spare parts and maintenance equipment	606	6,0	695	6,0	796	6,4
Inputs	747	7,4	1.028	8,8	1.092	8,
Tires and conveyor belts	94	0,9	107	0,9	116	0,
Others	226	2,2	302	2,6	358	2,
Energy	1.317	13,0	1.447	12,4	1.515	12,
Fuel and gases	939	9,3	1.031	8,8	1.074	8,
Electric energy	378	3,7	416	3,6	441	З,
Acquisition of products	1.005	9,9	745	6,4	526	4,
Personnel	1.338	13,2	1.770	15,2	1.797	14,
Depreciation and exhaustion	1.429	14,1	1.833	15,7	1.817	14,
Others	1.375	13,6	1.238	10,6	1.840	14,
Total	10.115	100,0	11.671	100,0	12.365	100,
SG&A, R&D and other expenses						
R\$ million	3T11	%	2T12	%	3T12	9
Total administrative	818	27,2	952	30,3	959	24,2
Personnel	299	9,9	380	12,1	398	10,1
Services	206	6,9	231	7,4	239	6,0
Depreciation	83	2,8	102	3,3	127	3,2
Others	230	7,6	239	7,6	195	4,9
Selling	264	8,8	255	8,1	96	2,4
Research and development	718	23,9	708	22,6	730	18,5
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Others	1.207	40,1	1.223	39,0	2.170	54,9

<sup>1</sup> Does not include gain/loss on sale of assets

# CASH GENERATION

EBITDA			
R\$ million	3T11	2T12	3T12
Net operating revenues	26.786	23.406	21.760
COGS	(10.115)	(11.671)	(12.365)
SG&A	(1.082)	(1.207)	(1.055)
Research and development	(718)	(708)	(730)
Other operational expenses	(1.207)	(1.223)	(1.070)
Non-recurring items	-	(768)	(1.100)

			3Q12
EBIT	13.664	7.829	5.440
Depreciation, amortization & exhaustion	1.589	2.040	2.091
Dividends received	435	226	51
EBITDA	15.688	10.095	7.581

### INVESTMENTS

Total	4,529	100.0	4,287	100.0	4,289	100.0
Stay-in-business	1,029	22.7	1,027	24.0	1,128	26.3
R&D	387	8.6	396	9.2	364	8.5
Projects	3,113	68.7	2,864	66.8	2,797	65.2
Organic growth	3,500	77.3	3,260	76.0	3,161	73.7
US\$ million	3Q11	%	2Q12	%	3Q12	%
TOTAL INVESTMENT BY CATEGORY						

TOTAL INVESTMENT BY BUSINESS AF	REA					
US\$ million	3Q11	%	2Q12	%	3Q12	%
Bulk materials	2,675	59.1	2,390	55.8	2,376	55.4
Ferrous minerals	2,333	51.5	2,041	47.6	2,084	48.6
Coal	341	7.5	349	8.1	292	6.8
Base metals	1,062	23.4	1,038	24.2	1,019	23.8
Fertilizer nutrients	307	6.8	516	12.0	531	12.4
Logistics services	115	2.5	130	3.0	135	3.2
Power generation	191	4.2	71	1.6	69	1.6
Steel	54	1.2	37	0.9	36	0.8
Others	126	2.8	105	2.4	123	2.9
Total	4,529	100.0	4,287	100.0	4,289	100.0

#### INVESTMENT BY BUSINESS AREA - 3Q12

	Proje	cts	R&D	)	Stay-in-bu	isiness	Tota	al
	US\$ million	%	US\$ million	%	US\$ million	%	US\$ million	%
Bulk materials	1,634	58.4	179	49.2	563	49.9	2,376	55.4
Ferrous minerals	1,431	51.2	141	38.8	511	45.3	2,084	48.6
Coal	203	7.3	38	10.4	52	4.6	292	6.8
Base metals	631	22.6	100	27.6	287	25.4	1,019	23.8
Fertilizer nutrients	377	13.5	45	12.2	109	9.6	531	12.4
Logistics services	62	2.2	3	0.7	71	6.3	135	3.2
Power generation	60	2.1	8	2.2	1	0.1	69	1.6
Steel	33	1.2	3	0.8	0	0.0	36	0.8
Others	0	0.0	27	7.3	98	8.7	123	2.9
Total	2,797	100.0	364	100.0	1,128	100.0	4,289	100.0

#### • Main approved projects under construction

The pipeline of main projects approved by the Board of Directors, and under construction, is detailed in this section. Estimated start-up dates may be revised due to changes caused by several factors, including delays in environmental permits.

Project	Estimated start-up	ca	cuted pex nillion Total	Expected capex US\$ million 2012 Total		<u>3Q12</u> Status¹
IRON ORE MINING AN	D LOGISTICS	6				
Carajás Additional 40 Mtpy Construction of an iron ore dry processing plant, located in Carajás, Pará, Brazil. Estimated nominal capacity of 40 Mtpy.	2H13	461	1,977	622	2,968	Earthworks services and assembly of metallic structures for conveyor belts being executed. The assemble of metallic structures for the screening building was concluded. Advanced stages of electromechanical assembly of the processing plant and loading line. Issuance of operation license (LO) expected for 2H13. 76% of physical progress of mine and plant.
<b>CLN 150 Mtpy</b> Increase Northern system railway and port capacity, including the construction of a fourth pier at the Ponta da Madeira maritime terminal, located in Maranhão, Brazil. Increase estimated EFC's nominal logistics capacity to approximately 150 Mtpy.	1H14	794	3,041	1,085	4,114	Finalizing construction of Pier IV at Ponta da Madeira maritime terminal, with the operational tests in the North berth to start by year- end. Assembly of loading equipment in final phase. Ongoing tests with the car dumpers, unloading lines and a stacker. Ongoing work at the railway. Issuance of the required railway installation licenses (LI) expected for 2H12. Operation license (LO) fo the port onshore expected for 2H12 and offshore, 1H13. 81% of physical progress.
Carajás Serra Sul S11D Development of a mine and processing plant, located in the Southern range of Carajás, Pará, Brazil. Estimated nominal capacity of 90 Mtpy.	2H16	478	1,552	794	8,039	Ongoing construction of the access road. Receiving equipment for the truckless mining system. Materials for the conveyor belts and equipment for the energy substation delivered. Continuing the off-site assembly of modules. Preliminary environmental license (LP) issued. Issuance of installation license (LI) expected for 1H13. 37% of physical progress.
Serra Leste Construction of new processing plant, located in Carajás, Pará, Brazil. Estimated nominal capacity of 6 Mtpy.	1H13	101	243	239	478	Continuing the civil engineering work and assembly of metallic structures of the beneficiation plant Issuance of installation licenses (LI expected for 2H12. 54% of physical progress.
<b>Conceição Itabiritos</b> Construction of a concentration plant, in the Southeastern System, Minas Gerais, Brazil. Estimated additional nominal	2H13	155	708	184	1,174	Project in the final phase of electromechanical assembly. Operational license (LO) for the plant expected for 1H13. 93% of physical progress.

Project	Estimated start-up	caj	cuted pex nillion		ected pex nillion	Status <sup>1</sup>
	Start-up	2012	Total	2012	Total	olalus
capacity of 12 Mtpy. 100% pellet feed, with 67.7% Fe content and 0.8% silica.						
Vargem Grande Itabiritos Construction of new iron ore processing plant, in the Southern System, Minas Gerais,	1H14	346	775	429	1,645	Beginning of mechanical assembly of the primary crusher. Assembly of metallic structures for the screening building in progress.
Brazil. Estimated additional nominal capacity of 10 Mtpy. 100% pellet feed, with 67.8% Fe content and 1.2% silica.						Installation license (LI) issued. Installation license for the power transmission line obtained. 68% of physical progress.
Conceição Itabiritos II Adaptation of the plant to process low-grade itabirites from Conceição, located in the Southeastern system, Minas Gerais, Brazil. Estimated nominal capacity of 19 Mtpy, without additional capacity. 31.6% sinter feed, with 66.5% Fe content and 3.8% of silica, and 68.4% pellet feed, with 68.8% Fe content and 0.9%	2H14	174	333	297	1,189	Mechanical assembly in progress. Civil engineering works for conveyor belts of the primary crusher concluded. Ongoing work at the mills. Installation licenses (LI) issued. 50% of physical progress.
silica. Cauê Itabiritos	2H15	60	81	112	1,504	Signing contracts with suppliers of
Adaptation of the plant to process low-grade itabirites from Minas do Meio, located in the						equipment and services. Preparing the site for the construction of new crushing system.
Southeastern system, Minas Gerais, Brazil.						Preliminary and installation licenses (LI) for new primary crusher expected for 1H14.
Estimated nominal capacity of 24 Mtpy, with net additional capacity of 4 Mtpy in 2017. 29% sinter feed, with 65.3% Fe content and 4.4% of silica, and 71% pellet feed, with 67.8% Fe content and 2.8% silica.						12% of physical progress.
Simandou I – Zogota	-	224	433	249	1,260	Scope and schedule under review.
Development of the Zogota mine and processing plant in Simandou South, Guinea.						
Estimated nominal capacity of 15Mtpy.						
Teluk Rubiah	1H14	176	391	367	1,371	The main jetty construction is
Construction of a maritime erminal with enough depth for the 400,000 dwt vessels and a						ongoing. Earthworks advanced. Ongoing works at the main energy substation.
stockyard. Located in Teluk						Preliminary environmental license, construction and installation license

						3Q12
Project	Estimated start-up	Exec cap US\$ m 2012	ex	Expec cape US\$ mi 2012	эx	Status <sup>1</sup>
Rubiah, Malaysia. Stockyard capable of handling up to 30 Mtpy of iron ore products.						issued. Issuance of operation license expected for 1H14. 40% of physical progress.
PELLET PLANTS						
Tubarão VIII Eighth pellet plant at our existing site at the Tubarão Port, Espírito Santo, Brazil. Estimated nominal capacity of 7.5 Mtpy.	1H13	199	811	239	1,088	Ongoing eletromechanical assembly and services at the furnace. Civil engineering work at the conveyor belt system in progress. Commissioning phase already started.
						Issuance of operation license (LO) expected for 1H13. 89% of physical progress.
Samarco IV <sup>2</sup> Construction of Samarco's fourth pellet plant, and expansion of mine, pipeline and maritime terminal infrastructure. Vale has a 50% stake in Samarco.	1H14	-	-	-	1,693	Civil engineering works of the base for the milling plants concluded. Main pumps delivered and part of the pipes already welded for the slurry pipeline. No pending installation licenses (LI).
Estimated nominal capacity of 8.3 Mtpy, increasing Samarco's capacity to 30.5 Mtpy.						59% of physical progress of the pellet plant. Budget fully sourced by Samarco.
COAL MINING AND LO	OGISTICS					
<b>Moatize II</b> New pit and duplication of the Moatize CHPP, as well as all related infrastructure, located in	2H14	244	317	499	2,068	Earthworks and foundation for the new CHPP concluded. Beginning of the earthworks for stockyard and primary crusher.
Tete, Mozambique. Nominal capacity of 11 Mtpy (70% coking coal and 30% thermal).						No pending installation licenses (LI). 21% of physical progress.
Nacala corridor Railway and port infrastructure connecting Moatize site to the Nacala-à-Velha maritime terminal, located in Nacala, Mozambique. Estimated nominal capacity of	2H14	259	297	691	4,444	Ongoing earthwork services. Detailed engineering of the port offshore construction completed. Mobilizing contractors for the port onshore and offshore civil engineering works. 8% of physical progress.
18 Mtpy. Eagle Downs <sup>2</sup>	1116	26	15	07	075	Environmental license and mining
New underground mine development including longwall, CHPP, as well as all related infrastructure, located in the Bowen Basin, central Queensland, Australia. Vale holds 50% of the joint venture which owns Eagle Downs.	1H16	26	45	87	875	Environmental license and mining lease already obtained. Project in early stage of engineering development, with 4% of physical progress.

				3Q12
Project	Estimated start-up	Executed capex US\$ million 2012 Total	Expected capex US\$ million 2012 Total	Status <sup>1</sup>
Estimated nominal capacity of	4			

Mtpy (100% coking coal).

COPPER MINING						
Salobo II Salobo expansion, raising height of tailing dam and increase in mine capacity,	1H14	318	671	581	1,707	Ongoing civil engineering work and electromechanical assembly of equipment in the floating, milling and crushing sections.
located in Marabá, Pará, Brazil. Additional estimated nominal						Issuance of plant operation license (LO) expected for 1H14.
capacity of 100,000 tpy of copper in concentrate.						63% of physical progress.
Lubambe, previously Konkola North <sup>2</sup> Development of underground	2H12	-	172	-	235	The first copper concentrate was produced, after the conclusion of the plant commissioning. Environmental license was issued.
mine, plant and related in the						87% of physical progress.
Zambian Copperbelt. Vale holds 50% of the joint venture that controls the project.						This project is being funded by the JV.
Estimated nominal capacity of 45,000 tpy of copper in concentrate.						
NICKEL MINING AND R	EFINING					
Long Harbour Hydrometallurgical facility.	2H13	1,028	2,727	1,208	3,600	Ongoing civil engineering. Assembly of metallic structures, and electronic and mechanical equipment. Ongoing work at the neutralization area.
Located in Long Harbour,						75% of physical progress.
Newfoundland and Labrador, Canada.						As a result of cost pressures in the
Estimated nominal capacity for refining 50,000 tpy of finished nickel, and associated copper and cobalt.						Newfoundland and Labrador province, where nickel, iron ore, oil and logistics projects are being developed simultaneously, it is very likely that the US\$ 3.6 billion should be revised upward.
Totten	2H13	95	497	157	759	Ongoing mechanical work at the
Nickel mine (re-opening) in						return air and mine dewatering
Sudbury, Ontario, Canada. Estimated nominal capacity of 8,200 tpy.						systems. 69% of physical progress.
POTASH MINING AND	LOGISTICS	3				
Rio Colorado	2H14	979	1,805	1,081	5,915	Progress in earthworks at the port.
Investments in a solution mining system, located in Mendoza, Argentina, renovation of railway tracks (440 km), construction of						Ongoing work at energy substations and well-sinking at the site. Delivery of major part of tracks and beginning of work for the railway.

		Exec	uted	Expe	cted	
Project	Estimated start-up		oex nillion	cap US\$ m	illion	Status <sup>1</sup>
		2012	Total	2012	Total	
maritime terminal in Bahia Blanca, Argentina.						construction of the new railway and agreements with four Argentinean
Estimated nominal capacity of						provinces obtained.
4.3 Mtpy of potash (KCI).						41% of physical progress.
ENERGY						
Biodiesel	2015	92	435	227	633	Ongoing tests of oil production and o
Project to produce biodiesel from palm oil. Plantation of						B25 fuel (25% biodiesel) use in locomotive.
80,000 ha of palm trees. Located in Pará, Brazil.						Installation license (LI) expected for 2H13 and operation license for 2H15
Estimated nominal capacity of 360,000 tpy of biodiesel.						
STEELMAKING						
CSP <sup>2</sup>	1H15	255	536	563	2,648	Earthworks on site in progress. Started the placement of piles.
Development of a steel slab						
plant in partnership with Dongkuk and Posco, located in						Preliminary environmental license (LP) and installation license (LI)
Ceará, Brazil. Vale holds 50% of						obtained.
the joint venture. Estimated nominal capacity of 3.0 Mtpy.						

<sup>2</sup> Realized and expected capex are relative to Vale's stake in the projects.

# DEBT INDICATORS

DEBT INDICATORS			
US\$ million	3Q11	2Q12	3Q12
Total debt	22,989	25,518	29,211
Net debt	15,424	21,436	20,575
Total debt / adjusted LTM EBITDA (x)	0.6	0.9	1.4
Adjusted LTM EBITDA / LTM interest expenses (x)	29.2	24.5	17.9
Total debt / EV (%)	17.2	20.1	25.3

# PERFORMANCE OF THE BUSINESS SEGMENTS

### **Bulk materials**

BULK MATERIALS: FERROUS MINE VOLUME SOLD	ERALS BUSINESS PERFORMANCE	:	
'000 metric tons	3T11	2T12	3T12
Iron ore	67,008	62,978	66,205
Pellets	10,445	12,277	11,966
Total	77,453	75,255	78,171
Manganese ore	356	510	446
Ferroalloys	101	99	31

million metric tons % 2T12 3T12 % 3T11 % Asia 61.4 48,1 47.2 62,7 52,3 66,9 China 35.3 32,9 45.1 43,7 38.3 49,1 Japan 7,2 9,5 8,5 8,9 11,4 10,9 South Korea 3,5 4,4 4.8 6,3 3,9 4,9 Emerging Asia (ex-China) 0,4 0,5 2,3 1,6 2,0 3,1 Europe 15,3 19.6 14.7 19.6 14.0 17,9 Germany 7,7 5,8 7,8 4,2 5,4 6,0 United Kingdom 0.5 0,9 1,2 0,7 1,2 1,5 France 2,4 1,3 1,7 1,2 1,6 1,8 Italy 2,9 3,7 3,5 4,6 2,8 3,5 Turkey 1,0 1,4 1,2 0,9 1,1 1,5 Spain 0,7 0,9 0.8 0,7 0,8 1,1 Netherlands 1.0 1.3 0,4 0.6 0.8 1,0 Others 1,6 2,1 1,4 1,9 1,4 1,8 Brazil 12,2 8,1 10,3 10,9 13,9 9,2 USA 0,5 0,2 0,2 0,3 0,4 0,6 **Middle East** 1,1 1,4 1,6 2,1 1,6 2,0 **Rest of World** 2,6 3,3 2,1 2,8 2,1 2,6 Total 78,3 100,0 75,3 100,0 78,2 100.0 **OPERATING REVENUE BY PRODUCT** R\$ million 3T11 2T12 3T12 Iron ore 16,617 12,823 11,239 Pellet plant operation services 15 18 -Pellets 3,512 3,842 3,423 123 Manganese ore 60 116 Ferroalloys 227 253 111 Total 20,431 17,059 14,889 SELECTED FINANCIAL INDICATORS 3T11 2T12 3T12 EBIT margin excluding charges from asset sales (%) 69.4 58.4 52.2 EBITDA (R\$ million) 15,213 11,036 7,741

### Coal

EBITDA excluding charges from asset sales

BULK MATERIALS: COAL BUSINESS PERFORM	ANCE		
VOLUME SOLD			
'000 metric tons	3T11	2T12	3T12
Thermal coal	1,263	1,107	229
Metallurgical coal	569	1,152	1,148
OPERATING REVENUE BY PRODUCT			
R\$ million	3T11	2T12	3T12
Thermal coal	206	157	42
Metallurgical coal	270	386	415
SELECTED FINANCIAL INDICATORS			
	3T11	2T12	3T12
EBIT margin excluding non-recurring items (%)	(26.1)	(59.8)	(53.3)
EBITDA (R\$ million)	(18)	(926)	(136)
EBITDA excluding charges from asset sales	(18)	(204)	(136)

15,213

11,082

8,841

3Q12

### **Base Metals**

BASE METALS BUSINESS PERFORMANCE VOLUME SOLD			
'000 metric tons	3T11	2T12	3T12
Copper	80	61	84
Nickel	68	63	55
Cobalt	703	570	432
Gold (oz)	44	32	48
Silver (oz)	684	528	411
PGMs (oz)	70	114	98
OPERATING REVENUE BY PRODUCT			
R\$ million	3T11	2T12	3T12
Nickel	2,353	2,197	1,843
Copper	1,046	893	1,317
PGMs	135	225	182
Gold (oz)	162	114	168
Silver (oz)	73	31	27
Cobalt	37	31	45
Total	3,806	3,491	3,582
SELECTED FINANCIAL INDICATORS			
	3T11	2T12	3T12
EBIT margin (%)	6.6	-17.7	-19.8
EBITDA (R\$ million)	1,029	502	344

### Fertilizer nutrients

1000 motric tono	0 <b>T</b> 11	074.0	074/
'000 metric tons	3T11	2T12	3T12
Potash	152	164	14
Phosphates			
MAP	245	268	36
TSP	184	239	24
SSP	774	693	753
DCP	133	123	120
Phosphate rock	680	746	798
Nitrogen	335	322	333
OPERATING REVENUE BY PRODUCT			
R\$ million	3T11	2T12	3T1:
Potash	131	159	158
Phosphates	1,165	1,239	1,589
Nitrogen	353	379	42
Others	51	37	53
Total	1,700	1,814	2,22
SELECTED FINANCIAL INDICATORS			
	3T11	2T12	3T12
EBIT margin (%)	7.6	4.8	4.9
EBITDA (R\$ million)	386	354	40

### **Logistics services**

LOGISTICS BUSINESS PERFORMANCE			
LOGISTICS SERVICES			
	3T11	2T12	3T12
Railroads (million ntk)	6,657	5,787	8,036
Ports ('000 metric tons)	7,755	6,421	5,481
OPERATING REVENUE BY PRODUCT			
R\$ million	3T11	2T12	3T12
Railroads	583	573	626
Ports	236	226	287
Total	819	799	913
SELECTED FINANCIAL INDICATORS			
	3T11	2T12	3T12
EBIT margin (%)	-1.8	-13.9	-6.0
EBITDA (R\$ million)	146	17	78

# FINANCIAL INDICATORS OF NON-CONSOLIDATED COMPANIES

For selected financial indicators of the main non-consolidated companies, see our quarterly financial statements on <u>www.vale.com/</u> Investors/ Financial Performance / SEC Reports.

# CONFERENCE CALL AND WEBCAST

On October 25, 2012, Vale will hold a conference call and webcast in Portuguese, at 10:00 a.m. Rio de Janeiro time, 8:00 a.m. US Eastern Time, 1:00 p.m. British Time, 2:00 p.m. Paris Time, 8:00 p.m. Hong Kong Time. Vale will also hold another conference call and webcast in English, at 12:00 p.m. Rio de Janeiro time, 10:00 a.m. US Eastern Time, 3:00 p.m. British Time, 4:00 p.m. Paris Time, 10:00 p.m. Hong Kong Time. To connect the webcast, please dial:

Call in Portuguese: Participants from Brazil: (55 11) 4688-6341 Participants from USA: (1-855) 281-6021 Participants from other countries: (1-786) 924-6977 Access code: VALE

Call in English: Participants from Brazil: (55 11) 4688-6341 Participants from USA: (1-866) 262-4553 Participants from other countries: (1-412) 317-6029 Access code: VALE

Instructions for participation will be available on the website *www.vale.com/Investors*. A recording will be available on Vale's website for 90 days as of October 25, 2012.

# FINANCIAL STATEMENTS

R\$ million	3T11	2T12	3T12
Gross operating revenues	27,407	23,910	22,241
Taxes	(621)	(504)	(481)
Net operating revenue	26,786	23,406	21,760
Cost of goods sold	(10,115)	(11,671)	(12,365)
Gross profit	16,671	11,735	9,395
Gross margin (%)	62.2%	50.1%	43.2%
Operational expenses	(3,007)	(3,906)	(3,955)
Sales expenses	(264)	(255)	(96)
Administrative expenses	(818)	(952)	(959)
Research and development expenses	(718)	(708)	(730)
Others	(1,207)	(1,223)	(2,170)
Gain from sale of assets	-	(768)	-
Operating profit	13,664	7,829	5,440
Equity results from associates	446	310	313
Net financial results	(5,879)	(5,144)	(1,845)
Income before income tax and social contribution	8,231	2,995	3,908
Income tax and social contribution	(379)	2,186	(746)
Net earnings attributable to non-controlling interests	41	133	166
Net earnings	7,893	5,314	3,328
Earnings per share (R\$)	1.50	1.04	0.65

BALANCE SHEET		
R\$ million	31/12/2011	30/09/2012
Assets		
Current	40,151	50,608
Long-term	10,310	12,040
Fixed	186,627	209,617
Total	237,088	272,265
Liabilities		
Current	20,687	20,958
Long-term	69,721	84,719
Other	3,205	3,080
Shareholder's Equity	143,475	163,507
Paid-up capital	75,000	75,000
Reserves	68,187	81,900
Mandatory convertible notes	1,156	-
Adjustments	(797)	6,607
Total	237,088	272,265

CASH FLOW			3
R\$ million	3T11	2T12	3T12
Cash flows from operating activities:			
Net income	7,852	5,180	3,162
Results of equity investments	(446)	(310)	(314)
Sale of investments	-	768	-
Depreciation, exhaustion and amortization	1,589	2,040	2,091
Deferred income tax and social contribution	(1,511)	(2,286)	(1,438)
Monetary and exchange rate changes assets and liabilities, net	2,281	862	1,304
Loss on sale of property, plant and equipment	44	360	127
Losses (gains) on derivatives	1,128	1,258	193
Others	49	(342)	(114)
Accounts receivable	(1,254)	342	1,633
Inventories	(516)	309	(405)
Recoverable taxes	(180)	(760)	932
Others	(569)	(106)	727
Suppliers	1,553	556	829
Payroll and related taxes	420	575	162
Taxes and contributions	(4,440)	(203)	1,663
Others	(375)	467	1,619
Net cash provided by operating activities	5,625	8,710	12,171
Short-term investments	-	-	(1,387)
Loans and advances receivable	395	19	642
Guarantees and deposits	(45)	(155)	(20)
Additions to investments	(44)	(84)	(86)
Additions to property, plant and equipment	(5,013)	(6,541)	(10,663)
Dividends/interest attributed to stockholders received Proceeds from disposals of investments/property, plant and	435	226	51
equipment Net cash used in investing activities	- (4,272)	745 (5,791)	- (10,077)
Short-term debt, net issuances (repayments)	(70)	44	113
Long-term debt	817	3,430	7,638
Financial Institutions	(945)	(996)	(491)
Dividends attributed to stockholders	(4,855)	(5,481)	-
Dividends attributed to non controlling stockholders	-	(70)	-
Transaction with non controlling shareholders		(848)	-
Treasury stock	(3,320)		
Net cash provided by (used in) financing activities	(8,373)	(3,919)	7,260

Increase (decrease) in cash and cash equivalents	(7,024)	(1,000)	9,355
Cash and cash equivalents of cash, beginning of the period	20,639	9,011	8,118
Effect of exchange rate changes on cash and cash equivalents	409	107	19
Cash and cash equivalents, end of period	14,024	8,118	17,492
Short-term interest	(1)	-	-
Long-term interest	(370)	(695)	(632)
Income tax and social contribution	(6,685)	(550)	(105)
Additions to property, plant and equipment - interest capitalization	(90)	(149)	(69)

This press release may include statements that present Vale's expectations about future events or results. All statements, when based upon expectations about the future and not on historical facts, involve various risks and uncertainties. Vale cannot guarantee that such statements will prove correct. These risks and uncertainties include factors related to the following: (a) the countries where we operate, especially Brazil and Canada; (b) the global economy; (c) the capital markets; (d) the mining and metals prices and their dependence on global industrial production, which is cyclical by nature; and (e) global competition in the markets in which Vale operates. To obtain further information on factors that may lead to results different from those forecast by Vale, please consult the reports Vale files with the U.S. Securities and Exchange Commission (SEC), the Brazilian Comissão de Valores Mobiliários (CVM), the French Autorité des Marchés Financiers (AMF), and The Stock Exchange of Hong Kong Limited, and in particular the factors discussed under "Forward-Looking Statements" and "Risk Factors" in Vale's annual report on Form 20-F.