

3D. Risk Factors

An investment in our ADSs or common shares involves a high degree of risk. You should carefully consider the risks described below before making an investment decision. Our business, financial condition and results of operations could be materially and adversely affected by any of these risks. The trading price of our ADSs could decline due to any of these risks or other factors, and you may lose all or part of your investment. The risks described below are those that we currently believe may materially affect us.

Risks Relating to Brazil

The Brazilian government exercises significant influence over the Brazilian economy. This influence, as well as Brazilian political and economic conditions, could materially and adversely affect us.

The Brazilian government frequently intervenes in the Brazilian economy and occasionally makes significant changes in policy and regulation. See “–Government efforts to combat inflation may hinder the growth of the Brazilian economy and could harm our business” and “Item 5A. Operating Results–Brazilian Macro-Economic Scenario, Effects of Exchange Rate Fluctuations.” The Brazilian government’s actions, policies and regulations have involved, among other measures, increases in interest rates, changes in tax policies, price controls, currency devaluations, capital controls and limits on imports. Our business, financial condition and results of operations may be adversely affected by political, social, and economic developments in or affecting Brazil, and by changes in policy or regulations at the federal, state or municipal levels involving or affecting factors such as:

- interest rates;
- exchange controls;
- currency fluctuations;
- inflation;
- price volatility of raw materials and our final products;
- lack of infrastructure in Brazil;
- energy shortages and rationing programs;
- liquidity of the domestic capital and lending markets;
- regulatory policy for the mining and steel industries;
- environmental policies and regulations;
- tax policies and regulations, including frequent changes in tax regulations that may result in uncertainties as to future taxation; and
- other political, social and economic developments in or affecting Brazil.

Recent economic and political instability may lead to legislative or regulatory changes that could negatively affect us. In addition, such changes may also lead to further economic uncertainty and to heightened volatility and negative perception of the Brazilian securities markets which may adversely affect us and the trading price of our common shares.

Political crisis in Brazil in the past have affected the development of the Brazilian economy and the trust of foreign investors, as well as the public in general. Recent popular unrest in Brazil has led to large demonstrations in mid-2013, which serves as an example of the population’s growing dissatisfaction with corruption and certain political measures.

Exchange rate instability may adversely affect us and the market price of our common shares and ADSs.

The Brazilian currency has long experienced frequent and substantial variations in relation to the U.S. dollar and other foreign currencies. For example, the *real* appreciated 11.8%, 8.7% and 17.2% against the U.S. dollar in 2005, 2006 and 2007, respectively. In 2008, as a result of the worsening global economic crisis, the *real* depreciated 32% against the U.S. dollar, closing at R\$2.337 to U.S.\$1.00 on December 31, 2008. For the years ended December 31, 2009 and 2010, the *real* appreciated 25.5% and 4.2%, respectively, against the U.S. dollar, closing at R\$1.741 and R\$1.666 to U.S.\$1.00 on December 31, 2009 and 2010, respectively. For the years ended December 31, 2011, 2012 and 2013 the *real* depreciated 12.6%, 8.9% and 14.6%, respectively, against the U.S. dollar, closing at R\$1.876, R\$2.044 and R\$2.343 to U.S.\$1.00, respectively. On April 29, 2014 the exchange rate was R\$2.220 per U.S.\$1.00.

Depreciation of the *real* against major foreign currencies could create inflationary pressures in Brazil and contribute to Central Bank increases in interest rates, which could negatively affect us and the growth of the Brazilian economy, may curtail access to foreign financial markets and may prompt government intervention, which could include recessionary measures. Depreciation of the *real* can also, as in the context of an economic slowdown, lead to decreased consumer spending, deflationary pressures and reduced growth of the economy as a whole.

On the other hand, appreciation of the *real* relative to major foreign currencies could lead to a deterioration of Brazilian foreign exchange current accounts, as well as affect export-driven growth. Depending on the circumstances, either depreciation or appreciation of the *real* could materially and adversely affect the growth of the Brazilian economy and us as well as impact the U.S. dollar value of distributions and dividends on, and the U.S. dollar equivalent of the market price of, our common shares and our ADSs.

In the event the *real* depreciates in relation to the U.S. dollar, the cost in *reais* of our foreign currency-denominated borrowings and imports of raw materials, particularly coal and coke, will increase. On the other hand, if the *real* appreciates in relation to the U.S. dollar, it will cause *real*-denominated production costs to increase as a percentage of total production costs and cause our exports to be less competitive. We had total U.S. dollar-denominated or -linked indebtedness of R\$10,875 million, or 39.03% of our total indebtedness, as of December 31, 2013.

Government efforts to combat inflation may hinder the growth of the Brazilian economy and could harm us.

Brazil has in the past experienced extremely high rates of inflation, which has led the government to pursue monetary policies that have contributed to one of the highest real interest rates in the world. Since the implementation of the *Real* Plan in 1994, the annual rate of inflation in Brazil has decreased significantly, as measured by the National Broad Consumer Price Index (*Índice Nacional de Preços ao Consumidor Amplo*, or IPCA). Inflation measured by the IPCA index was 6.5%, 5.8% and 5.9% in 2011, 2012 and 2013, respectively. Inflation and the Brazilian government's inflation containment measures, mainly through monetary policies, have had and may have significant effects on the Brazilian economy and our business. Tight monetary policies with high interest rates may restrict Brazil's growth and the availability of credit. Conversely, more lenient policies and interest rate decreases may trigger increases in inflation, with the consequent reaction of sudden and significant interest rate increases, which could negatively affect Brazilian economic growth and us. In addition, we may not be able to adjust the price of our products in the foreign markets to offset the effects of inflation in Brazil on our cost structure, given that most of our costs are incurred in *reais*.

Developments and perception of risk in other countries, especially other emerging market countries, may adversely affect the trading price of Brazilian securities, including our common shares and ADSs.

The market value of securities of Brazilian companies is affected to varying degrees by economic and market conditions in other countries, especially other emerging market countries. Although economic conditions in these countries may differ significantly from economic conditions in Brazil, investors' reactions to developments in these other countries may have an adverse effect on the market value of securities of Brazilian issuers. Crisis in, or economic policies of, other countries may diminish investors' interest in securities of Brazilian issuers, including ours. This could adversely affect the trading price of our common shares and/or ADSs, and could also make it more difficult or impossible for us to access the capital markets and finance our operations on acceptable terms.

Risks Relating to Us and the Industries in Which We Operate

We are exposed to substantial changes in the demand for steel and iron ore, which has a substantial impact in the prices of our products and may adversely affect our results of operations.

The steel and mining industries are highly cyclical, both in Brazil and abroad. The demand for steel and mining products and, thus, the financial condition and results of operations of companies in the steel and mining industries, including us, are generally affected by macroeconomic fluctuations in the world economy and the economies of steel-producing countries, including trends in the automotive, construction, home appliances and packaging industries, as well as other industries which rely on steel distributors. A worldwide recession, an extended period of below-trend growth in developed countries or a slowdown in the emerging markets that are large consumers of our products (such as the domestic Brazilian market for our steel products and the Chinese market for iron ore) could sharply reduce demand for our products. Reduced demand can lead to overcapacity and excessive downtime, lower utilization of our significant fixed assets and therefore reduced operating profitability. In addition, flat steel competes with other materials that may be used as substitutes, such as aluminum (particularly in the automobile industry), cement, composites, glass, plastic and wood. Government regulatory initiatives mandating the use of such materials in lieu of steel, whether for environmental or other reasons, as well as the development of other new substitutes for steel products, could also significantly reduce market prices and demand for steel products and thereby reduce our cash flow and profitability. Any material decrease in demand for steel and iron ore in the domestic or export markets served by us could have a material adverse effect on us.

The availability and the price of raw materials that we need to produce steel, particularly coal and coke, may adversely affect our results of operations.

In 2013, raw material costs accounted for 53.2% of our total steel production costs. Our main raw materials include iron ore, coal, coke, limestone, dolomite, manganese, zinc, tin and aluminum. We depend on third parties for some of our raw material requirements, including importing all of the coal required to produce coke and approximately 56.8 % of our coke requirements. In addition, we require significant amounts of energy, in the form of natural gas and electricity, to power our plants and equipment.

Any prolonged interruption in the supply of raw materials, natural gas or electricity, or substantial increases in their prices, could materially and adversely affect us. These interruptions and price increases may be a result of changes in laws or trade regulations, the availability and cost of transportation, suppliers' allocations to other purchasers, interruptions in production by suppliers or accidents or similar events on suppliers' premises or along the supply chain. Our inability to pass those cost increases on to our customers or to meet our customers' demands because of non-availability of key raw materials could also have a material and adverse effect on us.

Our steel products face significant competition, including price competition, from other domestic or foreign producers, which may adversely affect our profitability and market share.

The global steel industry is highly competitive with respect to price, product quality and customer service, as well as technological advances that enable steel companies to reduce their production costs. Brazil's export of steel products is influenced by several factors, including the protectionist policies of other countries, disputes regarding these policies before the WTO (World Trade Organization), the Brazilian government's exchange rate policy and the growth rate of the world economy. Further, continuous advances in materials sciences and resulting technologies have given rise to improvements in products such as plastics, aluminum, ceramics and glass that permit them to substitute steel. Due to high start-up costs, the economics of operating a steelworks facility on a continuous basis may encourage mill operators to maintain high levels of output, even in times of low demand, which increases the pressure on industry profit margins. In addition, downward pressure on steel prices by our competitors may affect our profitability.

The steel industry has historically suffered from structural over-capacity which has recently worsened due to a substantial increase in production capacity in the developing world and particularly in China and India as well as other emerging markets. China is now, by far, the largest global steel producer and, in addition, Chinese and certain steel exporting countries have favorable conditions (excess steel capacity, undervalued currency or higher market prices for steel in markets outside of such countries), which can have a significant impact on steel prices in other markets. If we are not able to remain competitive in relation to China or other steel-producing countries, our results may be adversely affected in the future.

Since 2010, steel companies in Brazil have faced strong competition from imported products, mainly as a result of the reduction in demand for steel products in mature markets, the exchange rate appreciation and tax incentives. The Brazilian government adopted measures to contain imported products and, as a result, prices of imported products stabilized as compared to local products. These measures had a positive effect in 2011 and subsequent years, when imports were consistently reduced. If the Brazilian Government fails to act against cheaper subsidized steel imports and there is an increase in imports, our results of operations may be materially and adversely affected. Apart from direct steel imports, the Brazilian industry has also been facing competition from imported finished goods, which affects the whole steel chain.

Adverse economic developments in China could have a negative impact on our revenues, cash flow and profitability.

China has been the main driver of global demand for minerals and metals over the last few years, effectively driving global prices for iron ore and steel. In 2013, China accounted for 68% of the global seaborne iron ore trade. The percentage of our iron ore sales volume to consumers in China was 52% in 2013. A contraction of China's economic growth could result in lower global demand for iron ore and steel and increase the global steel industry over-capacity, leading to lower revenues, cash flow and profitability. Poor performance in the Chinese real estate sector and low investments in infrastructure, two of the largest consumers of carbon steel in China, could also negatively impact our results.

Protectionist and other measures adopted by foreign governments could adversely affect our export sales.

In response to the increased production and export of steel by many countries, anti-dumping and countervailing duties and safeguard measures were imposed in the late 1990s and early 2000s by foreign governments representing the main markets for our exports. In 2011, both the anti-dumping duties imposed by Argentina and the anti-dumping and countervailing duties imposed by the United States were terminated. Restrictions imposed by Canada on imports of hot-rolled products from Brazil remain in effect. In addition, technical or safety measures, such as those imposed by the European Union on imports of certain chemical substances contained either in products used to protect and/or pack steel products, may be adopted and as a result create barriers to steel exports. The imposition of these and other protectionist measures by foreign countries may materially and adversely affect our export sales.

Our activities depend on authorizations, concessions, permits and licenses. Changes of laws and regulations and government measures could adversely affect us.

Our activities are subject to governmental authorizations, concessions, licenses or permits, which include environmental licenses for our infrastructure projects and concessions, such as for our railways. Although we believe that such authorizations, concession, licenses and permits will be granted and/or renewed as and when requested, we cannot guarantee that we will be able to maintain, renew or obtain any required authorization, concession, license or permit, as well as that no additional requirement will be imposed in connection with such request. Authorizations, concessions, licenses or permits required for the development of our activities may require that we meet certain performance thresholds or completion milestones. In case we are unable to meet these thresholds or milestones, we may lose or not be able to obtain or renew such authorizations, concessions, licenses or permits. We also cannot guarantee that our controlled entities that hold concessions will timely comply with its obligations under any relevant Concession Agreement or in Terms of Undertaking (Termos de Ajustamento de Conduta), or TACs, entered into with governmental regulatory agencies. Any of these events may result in the loss or early termination of concessions. The loss or inability to obtain and/or renew any authorization, concession, permit or license, or changes in the regulatory framework that we operate in, may materially and adversely affect us.

In addition, if laws and regulations applicable to these authorizations, concessions, permits or licenses change, modifications to our technologies and operations could be required, and we may need to make unexpected capital expenditures. These changes and additional costs may have a negative impact on the profitability of our projects or even make certain projects economically or otherwise unfeasible.

Our activities are also subject to governmental regulation in the form of taxes, charges and royalties, which can have an important financial impact on our operations. The Brazilian Congress is currently reviewing a bill that proposes significant changes to the Mineral Code, including a potential increase of the royalties (CFEM) charged for our mining activities. See “Item 4B. Business Overview–Government Regulation and Other Legal Matters–Brazil – mining regulation –Mineral Rights and Ownership.”

We have a level of indebtedness which could make it more difficult or expensive to refinance our maturing debt and /or incur new debt.

As of December 31, 2013, our total debt outstanding amounted to R\$27,864 million, consisting of R\$2,674 million of short-term debt and R\$25,190 million of long-term debt. See “Item 5B. Liquidity and Capital Resources” and “Item 18. Financial Statements.” Although we had R\$9,996 million of cash and cash equivalents as of December 31, 2013, our planned investments in all of our business segments will require a significant amount of cash over the course of 2014 and following years. See “Item 4D. Property, Plant and Equipment – Capital Expenditures – Planned Investments.”

The level of our indebtedness could affect our credit rating and ability to obtain any necessary financing in the future and increase our cost of borrowing. In addition, our level of indebtedness could make us more vulnerable in the event of a downturn in our business. In these and other circumstances, servicing our indebtedness may use a substantial portion of our cash flow from operations, which could adversely affect our financial condition and results of operations and make it more difficult for us to make payments of dividends and other distributions to our shareholders, including the holders of our ADSs.

Malfunctioning equipment or accidents on our premises, railways or ports may decrease or interrupt production, internal logistics or distribution of our products.

The steel and iron ore production processes depend on certain critical equipment, such as blast furnaces, steel converters, continuous casting machines, drillers, reclaimers, conveyor belts, crushing and screening equipment and shiploaders, as well as on internal logistics and distribution channels, such as railways and seaports. This equipment and infrastructure may be affected in the case of malfunction or damage. In 2006, there was an accident involving the gas cleaning system adjacent to Blast Furnace No. 3 at the Presidente Vargas Steelworks, which prevented us from operating this blast furnace for approximately six months. Similar or any other significant interruptions in our production process, internal logistics or distribution channels (including our ports and railways) could materially and adversely affect us.

Our insurance policies may not be sufficient to cover all our losses

We maintain several types of insurance policies, in line with the risk management of our businesses, which attempt to follow industry market practices for similar activities. Coverage in such policies encompasses domestic and international (import and export) cargo transportation (road, rail, sea or air), carrier liability, life insurance, personal accidents, health, auto insurance, D&O, general liability, erection risks, boiler and machinery coverage, trade credit insurance, surety, ports and terminal liabilities. We also have an operational risks policy for the Presidente Vargas Steelworks and some of our branches and subsidiaries for a total insured value of U.S.\$500 million out of a total risk amount of U.S.\$15.4 billion. Under the terms of this policy we remain responsible for the first U.S.\$300 million in losses (material damages and loss of profits). The coverage obtained in these insurance policies may not be sufficient to cover all risks we are exposed to. Additionally, we may not be able to successfully contract or renew our insurance policies in terms satisfactory to us. The occurrence of one or more of these events may adversely affect our financial position.

Our projects are subject to risks that may result in increased costs or delay or prevent their successful implementation.

We are investing to further increase our steel, mining and cement production capacity, as well as our logistics capabilities. See “Item 4D. Property, Plant and Equipment–Capital Expenditures–Planned Investments.” These projects are subject to a number of risks that may adversely affect our growth prospects and profitability, including the following:

- we may encounter delays, availability problems or higher than expected costs in obtaining the necessary equipment, services and materials to build and operate a project;
- our efforts to develop projects according to schedule may be hampered by a lack of infrastructure, including availability of overburden and waste disposal areas as well as reliable power and water supplies;
- we may fail to obtain, lose, or experience delays or higher than expected costs in obtaining or renewing the required permits, authorizations, licenses, concessions and/or regulatory approvals to build or continue a project; and
- changes in market conditions, laws or regulations may make a project less profitable than expected or economically or otherwise unfeasible.

Any one or a combination of the factors described above may materially and adversely affect us.

Current, new or more stringent environmental, safety and health regulations imposed on us may result in increased liabilities and increased capital expenditures.

Our steel making, mining, cement, energy and logistics facilities are subject to a broad range of laws, regulations and permit requirements in Brazil relating mainly to the protection of health, safety and the environment.

Brazilian pollution standards are expected to continue to change, including the introduction of new effluent and air emission standards, water management and solid waste-handling regulations, restrictions on business expansions, native forest preservation requirements, and the obligation to create privately owned conservation areas, or RPPNs as an environmental compensation for industrial and mining expansion projects. The Brazilian government has adopted a decree under the national policy for climate change (*Política Nacional de Mudanças Climáticas*) that contemplates a 5% reduction in carbon emissions projected for 2020 for the industrial sector (including steel making and cement sectors) and an action plan for the sector is being developed by a technical committee composed of representatives from the government, industry associations and academia. The target reduction for the mining sector is yet to be established. In addition, the state of Rio de Janeiro, through its State Environmental Agency (*Instituto Estadual do Ambiente*), or INEA, issued a law that requires steel making and cement facilities to present action plans to reduce greenhouse gas emissions when renewing or applying for operational licenses. The federal government has also established a national policy for solid waste (*Política Nacional de Resíduos Sólidos*), which provides for more strict guidelines for solid waste management and industry targets for reverse logistics as part of the environmental licensing process. Finally, a new regulatory framework for mining operations is currently being developed by the Department of Geology, Mining and Mineral Processing from the Ministry of Mines and Energy, which may impose stricter regulations on our mining operations, including requests for environmental recovery of areas and investments for the granting of mining concessions.

New or more stringent environmental, safety and health standards imposed on us could require us to make increased capital expenditures, create additional legal preservation areas in our properties, or make modifications in operating practices or projects. As a result, the amount and timing of future environmental and related expenditures may vary substantially from those currently anticipated. These additional costs may also have a negative impact on the profitability of the projects we intend to implement or may make such projects economically unfeasible. We could also be exposed to civil penalties, criminal sanctions and closure orders for non-compliance with these regulations. Waste disposal and emission practices may result in the need for us to clean up or retrofit our facilities at substantial costs and/or could result in substantial liabilities. Environmental legislation restrictions imposed by foreign markets to which we export our products may also materially and adversely affect our export sales and us.

In addition, we may be requested to enter into TACs with Brazilian regulators and agencies that require us to minimize or eliminate the risk of environmental impacts in the areas where we operate. If we are unable to comply with a TAC in a timely manner, we may be exposed to penalties, such as fines, revocation of permits, or closure of facilities. See "Item 4B. Government Regulation and Other Legal Matters - Environmental Expenditures and Claims and Item 8A - Financial Information - Consolidated Statements and Other Financial Information - Legal Proceedings."

Our governance and compliance processes may fail to prevent regulatory penalties and reputational harm.

We operate in a global environment, and our activities straddle multiple jurisdictions and complex regulatory frameworks with increased enforcement activities worldwide. Our governance and compliance processes may not prevent future breaches of law, accounting and/or governance standards. We may be subject to breaches of our Code of Ethics, business conduct protocols and instances of fraudulent behavior and dishonesty by our employees, contractors or other agents. Our failure to comply with applicable laws and other standards could subject us to fines, loss of operating licenses and reputational harm, which may materially and adversely affect us.

Some of our operations depend on joint ventures, consortia and other forms of cooperation, and our business could be adversely affected if our partners fail to observe their commitments.

We currently operate parts of our business through joint-ventures and consortia with other companies. We have, among others, established a joint-venture with an Asian consortium at our 60% joint-controlled investee Nacional Minérios S.A., or Namisa, to mine iron ore; a joint-venture with other Brazilian steel and mining companies at MRS Logística S.A., or MRS, to explore railway transportation in the Southeastern region of Brazil, a joint-venture with certain Brazilian governmental entities at Transnordestina Logística S.A., or TLSA, to explore railway transportation in the Northeastern region of Brazil a joint-venture with Tractebel Energia S.A. and Cia. de Cimento Itambé at Itá Energética S.A., or ITASA, to produce electricity, and a consortium with Vale S.A., Votorantim Metais Zinco S.A., CEMIG Geração e Transmissão S.A. and Anglo Gold Ashant Córrego do Sítio Mineração S.A. at Igarapava Hydroelectric Power Plant to produce electricity.

Our forecasts and plans for these joint-ventures and consortia assume that our partners will observe their obligations to make capital contributions, purchase products and, in some cases, provide managerial personnel or financing. In addition, many of the projects contemplated by our joint-ventures or consortia rely on financing commitments, which contain certain preconditions for each disbursement. If any of our partners fails to observe their commitments or we fail to comply with all preconditions required under our financing commitments or other partnership arrangements, the affected joint-venture, consortium or other project may not be able to operate in accordance with its business plans, or we may have to increase the level of our investment to implement these plans. In addition, certain of our joint-venture agreements also provide for customary dispute and deadlock resolution mechanisms, as well as put and call options exercisable under certain circumstances, which may require us to incur substantial disbursements. Any of these events may have a material adverse effect on us.

Our mineral reserve estimates may materially differ from the mineral quantities that we may be able to actually recover; our estimates of mine life may prove inaccurate; market price fluctuations and changes in operating and capital costs may render certain ore reserves uneconomical to mine; and we may face rising extraction costs or investment requirements over time as our reserves deplete.

Our reported ore reserves are estimated quantities of ore and minerals that we have determined can be economically mined and processed under present and anticipated conditions to extract their mineral content. There are numerous uncertainties inherent in estimating quantities of reserves and in projecting potential future rates of mineral production, including many factors beyond our control. Reserve engineering involves estimating deposits of minerals that cannot be measured in an exact manner, and the accuracy of any reserve estimate is a function of the quality of available data and engineering and geological interpretation and judgment. As a result, no assurance can be given that the indicated amount of ore will be recovered or that it will be recovered at the rates we anticipate. Estimates of different engineers may vary, and results of our mining and production subsequent to the date of an estimate may lead to revision of estimates. Reserve estimates and estimates of mine life may require revision based on actual production experience and other factors. For example, fluctuations in the market prices of minerals and metals, reduced recovery rates or increased operating and capital costs due to inflation, exchange rates or other factors may render proven and probable reserves uneconomic to exploit and may ultimately result in a restatement of reserves.

In addition, reserves are gradually depleted in the ordinary course of our exploration activities. As mining progresses, distances to the primary crusher and to waste deposits becomes longer and pits become steeper. Also, for some types of reserves, mineralization grade decreases and hardness increases at increased depths. As a result, over time we may experience rising unit extraction costs with respect to each mine, or we may need to make additional investments, including adaptation or construction of processing plants and expansion or construction of tailing dams. Our exploration programs may also fail to result in the expansion or replacement of reserves depleted by current production. If we do not enhance existing reserves or develop new operations, we may not be able to sustain our current level of production beyond the remaining lives of our existing mines. See “Item 4B–Business Overview–Our Mining Segment–Mineral Reserves.”

We may not be able to adjust our mining production volume in a timely or cost-efficient manner in response to changes in demand.

Revenues from our mining business represented in 2011, 2012 and 2013, respectively, 35%, 26% and 27% of our total net revenues. Our ability to rapidly increase production capacity is limited, which could render us unable to fully satisfy demand for our products. When demand exceeds our production capacity, we may meet excess customer demand by purchasing iron ore from unrelated parties and reselling it, which would increase our costs and narrow our operating margins. If we are unable to satisfy excess customer demand in this way, we may lose customers. In addition, operating close to full capacity may expose us to higher costs, including demurrage fees due to capacity restraints in our logistics systems.

Conversely, operating at significant idle capacity during periods of weak demand may expose us to higher unit production costs since a significant portion of our cost structure is fixed in the short-term due to the high capital intensity of mining operations. In addition, efforts to reduce costs during periods of weak demand could be limited by labor regulations or existing labor or government agreements.

Drilling and production risks could adversely affect the mining process.

Once mineral deposits are discovered, it can take a number of years from the initial phases of drilling until production is possible, during which time the economic feasibility of production may change. Substantial time and expenditures are required to:

- establish mineral reserves through drilling;
- determine appropriate mining and metallurgical processes for optimizing the recovery of metal contained in ore;
- obtain environmental and other licenses;
- construct mining, processing facilities and infrastructure required for greenfield properties; and
- obtain the ore or extract the minerals from the ore.

If a mining project proves not to be economically feasible by the time we are able to profit from it, we may incur substantial losses and be obliged to take write-offs. In addition, potential changes or complications involving metallurgical and other technological processes arising during the life of a project may result in delays and cost overruns that may render the project not economically feasible.

Natural and other disasters could disrupt our operations.

Our business and operating results could be negatively impacted by social, technical and/or physical risks such as flooding, fire, power loss, loss of water supply, leakages, accidents, telecommunications and information technology system failures, as well as political and economic instability, including a global economic slowdown. For example, flooding in Australia at the end of 2010 affected global coal supply and consequently increased our raw material costs. In addition, heavy rainfall in the Southeast Region of Brazil could affect our iron ore and logistics operations and consequently our revenues. Such events could affect our ability to conduct our business operations and, as a result, reduce our operating results and materially and adversely affect us.

We may not be able to consummate proposed acquisitions successfully or integrate acquired businesses successfully.

From time to time, we may evaluate acquisition opportunities that would strategically fit our business objectives. If we are unable to complete acquisitions, or integrate successfully and develop these businesses to realize revenue growth and cost savings, our financial results could be adversely affected. Acquisitions also pose the risk that we may be exposed to successor liability involving an acquired company. Due diligence conducted in connection with an acquisition, and any contractual guarantees or indemnities that we receive, may not be sufficient to protect us from, or compensate us for, actual liabilities. A material liability associated with an acquisition, such as labor or environmental liability, could adversely affect our reputation and financial performance and reduce the benefits of the acquisition.

In addition, we may incur asset impairment charges related to acquisitions, which may reduce our profitability. Our acquisition activities may also present financial, managerial and operational risks, including diversion of management attention from existing core businesses, difficulties integrating or separating personnel, financial and other systems, failure to achieve the operational benefits that were anticipated at the time of the transaction, adverse effects on existing business relationships with suppliers and customers, inaccurate estimates of fair value made in the accounting for acquisitions and amortization of acquired intangible assets which would reduce future reported earnings, potential loss of customers or key employees of acquired businesses, and indemnities and potential disputes with the buyers or sellers. Finally, proposed acquisitions may also be subject to review from the competition authorities of the countries involved in the transaction, which may approve such transaction, approve such transaction with restrictions, including the divestment of assets, or reject it. Any of these activities or adverse regulatory decisions could negatively affect our reputation, product sales, financial condition and/or results of operations.

We have experienced labor disputes in the past that have disrupted our operations, and such disputes may recur.

A substantial number of our employees and some of the employees of our subcontractors are represented by labor unions and are covered by collective bargaining or other labor agreements, which are subject to periodic renegotiation. Strikes and other labor disruptions at any of our facilities or labor disruptions involving third parties who may provide us with goods or services, have in the past and may in the future materially and adversely affect the operation of our facilities, or the timing of completion and the cost of our projects.

We are exposed to the risk of litigation

We are currently and may in the future be a party to legal proceedings and claims. For some of these legal proceedings and claims, we have not established any provision on our balance sheet or have only established provisions for part of the amounts in question, based on our external counsel's judgment as to the likelihood of an outcome favorable to us.

Although we are contesting such proceedings and claims, the outcome of each specific proceeding and claim is uncertain and may result in obligations that could materially and adversely affect our business and the value of our shares and ADSS. See "Item 8A. Consolidated Statements and Other Financial Information—Legal Proceedings" for additional information.

Risks Relating to our Common Shares and ADSS

Our controlling shareholder has the ability to direct our business and affairs and its interests could conflict with yours.

Our controlling shareholder has the power to, among other things, elect a majority of our directors and determine the outcome of any action requiring shareholder approval, including transactions with related parties, corporate reorganizations, acquisitions, dispositions, the destination and diversification of our investments, and the timing and payment of any future dividends, subject to minimum dividend payment requirements imposed under Brazilian Corporate Law. Our controlling shareholder may have an interest in pursuing acquisitions, dispositions, financings or similar transactions that could conflict with your interests as a holder of our common shares and ADSS. For a description of our ownership structure, see "Item 7A. Major Shareholders."

If you surrender your ADSs and withdraw common shares, you risk losing the ability to remit foreign currency abroad and certain Brazilian tax advantages.

As an ADS holder, you benefit from the electronic certificate of foreign capital registration obtained by the custodian for our common shares underlying the ADSs in Brazil, which permits the custodian to convert dividends and other distributions with respect to the common shares into non-Brazilian currency and remit the proceeds abroad. If you surrender your ADSs and withdraw common shares, you will be entitled to continue to rely on the custodian's electronic certificate of foreign capital registration for only five business days from the date of withdrawal. Thereafter, upon the disposition of, or distributions relating to, the common shares, you will not be able to remit abroad non-Brazilian currency unless you obtain your own electronic certificate of foreign capital registration or you qualify under Brazilian foreign investment regulations that entitle some foreign investors to buy and sell shares on Brazilian stock exchanges without obtaining separate electronic certificates of foreign capital registration. If you do not qualify under the foreign investment regulations you will generally be subject to less favorable tax treatment of dividends and distributions on, and the proceeds from any sale of, our common shares. For more information regarding exchange controls, see "Item 10.D. Exchange Controls." If you seek to obtain your own electronic certificate of foreign capital registration, you may incur expenses or suffer delays in the application process, which could delay your ability to receive dividends or distributions relating to our common shares or the return of your capital in a timely manner. The depositary's electronic certificate of foreign capital registration may also be adversely affected by future legislative changes.

Holders of ADSs may not be able to exercise their voting rights.

Holders of ADSs may only exercise their voting rights with respect to the underlying common shares in accordance with the provisions of the deposit agreement. Under the deposit agreement, ADS holders must vote by giving voting instructions to the depositary. Upon receipt of the voting instructions of the ADS holder, the depositary will vote the underlying common shares in accordance with these instructions. If we ask for voting instructions, the depositary will notify ADS holders of the upcoming vote and will arrange to deliver the proxy card. We cannot assure that ADS holders will receive the proxy card in time to ensure that they can instruct the depositary to vote. In addition, the depositary and its agents are not liable for failing to carry out voting instructions or for the manner of carrying out voting instructions. Alternatively, ADS holders can exercise their right to vote by surrendering their ADSs for cancellation in exchange for our common shares. Pursuant to our bylaws, the first call for a shareholders' meeting must be published at least 15 days in advance of the meeting, and the second call must be published at least eight days in advance of the meeting. When a shareholders' meeting is convened, holders of ADSs may not receive sufficient advance notice to surrender their ADSs in exchange for the underlying common shares to allow them to vote with respect to any specific matter. As a result, holders of ADSs may not be able to exercise their voting rights.

The relative volatility and illiquidity of the Brazilian securities markets may substantially limit your ability to sell the common shares underlying the ADSs at the price and time you desire.

Investing in securities that trade in emerging markets, such as Brazil, often involves greater risk than investing in securities of issuers in the United States, and such investments are generally considered to be more speculative in nature. The Brazilian securities market is substantially smaller, less liquid, more concentrated and can be more volatile than major securities markets in the United States. The ten largest companies in terms of market capitalization represented 51.8% of the total market capitalization of the BM&FBOVESPA as of December 31, 2013. The top ten stocks in terms of trading volume accounted for 36.9%, 43.6% and 47.2% of all shares traded on the BM&FBOVESPA in 2013, 2012 and 2011, respectively. Accordingly, although you are entitled to withdraw the common shares underlying the ADSs from the depositary at any time, your ability to sell the common shares underlying the ADSs at a price and time at which you wish to do so may be substantially limited.

Holders of ADSs may be unable to exercise preemptive rights with respect to our common shares.

We may not be able to offer our common shares to U.S. holders of ADSs pursuant to preemptive rights granted to holders of our common shares in connection with any future issuance of our common shares unless a registration statement under the Securities Act is effective with respect to such common shares and preemptive rights, or an exemption from the registration requirements of the Securities Act is available. We are not obligated to file a registration statement relating to preemptive rights with respect to our common shares or to undertake steps that may