

Vale S.A.
Form 6-K
January 25, 2010

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**United States
Securities and Exchange Commission
Washington, D.C. 20549
FORM 6-K
Report of Foreign Private Issuer
Pursuant to Rule 13a-16 or 15d-16
of the
Securities Exchange Act of 1934
For the month of
January 2010
Vale S.A.**

Avenida Graça Aranha, No. 26
20030-900 Rio de Janeiro, RJ, Brazil
(Address of principal executive office)

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

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

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

(Check One) Yes No

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

(Check One) Yes No

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

(Check One) Yes No

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

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Vale to sell Valesul assets

Rio de Janeiro, January 22, 2010 Vale S.A. (Vale) informs that its wholly-owned subsidiary Valesul Alumínio S.A. (Valesul) has entered into an agreement to sell its aluminum assets, located in the state of Rio de Janeiro, Brazil, to Alumínio Nordeste S.A., a company of the Metalis group, for US\$31.2 million.

The assets included in the agreement are: (i) the anode plant, (ii) the reduction plant, (iii) the smelter, (iv) industrial services and administrative facilities and (v) inventories.

Valesul operated an aluminum smelter with nominal capacity of 95,000 metric tons per year until March, 2009. Since April 2009 it ceased its aluminum smelting operations to become a small producer of billets for extrusion using purchased primary ingots and scrap as its main raw materials.

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This press release may include declarations about Vale's expectations regarding future events or results. All declarations based upon future expectations, rather than historical facts, are subject to various risks and uncertainties. Vale cannot guarantee that such declarations will prove to be correct. These risks and uncertainties include factors related to the following: (a) the countries where Vale operates, mainly Brazil and Canada; (b) the global economy; (c) capital markets; (d) the mining and metals businesses and their dependence upon global industrial production, which is cyclical by nature; and (e) the high degree of global competition in the markets in which Vale operates. To obtain further information on factors that may give rise to results different from those forecast by Vale, please consult the reports filed with the Brazilian Comissão de Valores Mobiliários (CVM), the French Autorité des Marchés Financiers (AMF), and with the U.S. Securities and Exchange Commission (SEC), including Vale's most recent Annual Report on Form 20-F and its reports on Form 6-K.

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Signatures

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Vale S.A.
(Registrant)

Date: January 22, 2010

By: /s/ Roberto Castello Branco
Roberto Castello Branco
Director of Investor Relations