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## Vale and Nippon Steel sign MoU to develop steelmaking decarbonization solutions

Vale and Nippon Steel signed a Memorandum of Understanding (“MoU”) to pursue ironmaking solutions focused on carbon neutral steelmaking process.

Vale and Nippon Steel intend to jointly study and explore (i) metallics usage solutions such as direct reduced iron (DRI) and pig iron produced by Tecnoled technology; and (ii) usage of Vale’s green briquettes in ironmaking process and other lower carbon footprint products such as pellets.

This initiative contributes to Vale’s commitment to reduce 15% of net Scope 3 emissions by 2035. Additionally, Vale seeks to reduce its absolute Scope 1 and 2 emissions by 33% by 2030 and achieve net zero by 2050, in line with the Paris Agreement, leading the evolution process towards sustainable mining.

### About Nippon Steel

Nippon Steel is Japan’s largest and one of the world’s leading integrated steel producers. Beyond its 6 steelworks in Japan, Nippon Steel makes a wide range of value-added steel products in more than 15 countries, identifying its strengths in three strategic business fields: high-grade steel products for automobiles; resources and energy; and civil engineering, construction and railways. It conducts research and development at three major centres, and six laboratories at steelworks, all in Japan.

### More information



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