

## PRESS RELEASE

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## Tenova HYL will supply a DRI Micro-Module to Sinosteel for the project of Empresa Siderúrgica del Mutún, Bolivia

**Monterrey - México, February 04, 2019** – Tenova HYL, a Tenova company leader in Direct Reduction, was recently chosen by China's Sinosteel Equipment and Engineering as the Technology provider for a Direct Reduction (DR) Micro-Module for "Empresa Siderúrgica del Mutún" (ESM) at Puerto Suárez, municipality of Santa Cruz Department in Bolivia.

Tenova HYL's Direct Reduction technology will be used for the first stage of the project, which will include a 250,000 metric t/year DRI facility, a 650,000 metric t/year concentration plant, a 400,000 metric t/year pelletizing facility for Mina El Mutún and a steel plant with a continuous caster and rolling mill with a total capacity of 190,000 metric t/year of long products.

This cost-effective Micro Module will use the state-of-the-art ENERGIRON Zero-Reformer (ZR) Process and will be capable of supplying the melt shop with high quality Direct Reduced Iron (DRI) with metallization levels of 94% and an adjustable high carbon content in the range of 3% to 4%.

*"We are very proud to be part of this groundbreaking project that after years of efforts and planning has finally become a reality. It is very significant for us that ESM and Sinosteel chose our technology for the construction of this cornerstone in what surely is the beginning of the steelmaking industry in Bolivia",* commented **Rubén Rodríguez**, Sales Manager at Tenova HYL.

*"After the recent successful projects in Asia, Africa, Europe and North America, we are glad that the first DR plant built in South America in the last 20 years will use the state-of-the-art ENERGIRON technology. We trust that the team effort among ESM, Sinosteel and Tenova will be the key for the success of this strategic project that will promote a sustainable industrial development of Bolivia",* affirmed **Stefano Maggiolino**, President and CEO at Tenova HYL.

The 250,000 metric t/year Micro-Module Plant is expected to be in operation in mid-2021.

### About Tenova

*Tenova, a Techint Group company, is a worldwide partner for innovative, safe, reliable and sustainable solutions in metals and mining. Leveraging a workforce of over three thousand forward-thinking professionals located in 22 countries across 5 continents, Tenova designs technologies and develops services that help companies reduce costs, save energy, limit environmental impact and improve working conditions.*

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