

## PRESS RELEASE

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### Acid Regeneration Plant Final Acceptance from Hoa Sen Group, Vietnam

**Castellanza, 21<sup>st</sup> November, 2019** – Vietnamese steel producer **Hoa Sen Group** has issued the **Final Acceptance Certificate** for the latest state-of-the-art Acid Regeneration Plant (ARP) at their new plant in Binh Dinh, Vietnam, which will operate in accordance with stringent European environmental regulatory standards. This project, the fourth supplied by Tenova for this client, is underlining the excellent cooperation between the two parties along with the performance and reliability of Tenova.

The incorporated **BLUEdriven**<sup>®</sup> Flex Capacity provides Hoa Sen high production flexibility and the plant is able to operate in a range of +50% to -20% of the design capacity. This design allows the client to increase the pickling capacity without consideration of a further investment in the acid regeneration.

Thanks to Tenova's latest technology innovations, the **BLUEdriven**<sup>®</sup> **Emission Control & ZEROWaste** process reduces operation costs while simultaneously optimizing the emissions to achieve international standards.

The installed **Pelletizing Hardening System** is giving the client the possibility to supply the hardened Oxide Pellets to steel makers while the high grade Oxide powder can, in parallel, be supplied to the market on a demand basis. The availability of the ARP is optimized thanks to the new secured remote platform for **predictive maintenance** as well as a locally implemented **wireless HMI system** for operators and maintenance staff in the field.

The customer Hoa Sen Group commented very positively on the smooth commissioning of the Acid Regeneration Plant: *"Tenova has once more shown their high grade performance and client orientated execution of their projects."*

#### About Tenova

*Tenova, a Techint Group company, is a worldwide partner for innovative, reliable and sustainable solutions in metals and mining. Leveraging a workforce of over 2,500 forward-thinking professionals located in 19 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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