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Primetals Technologies to supply new sinter plant for JFE Steel's Fukuyama 3 sinter plant

- **Sinter plant is designed to produce 4.8 million metric tons per year**
- **State-of-the-art waste gas recirculation reduces environmental impact**

Primetals Technologies has received an order from Japanese steel producer JFE Steel Co. (JFE Steel) to supply a new sinter plant for the Fukuyama, Japan production site. The order includes the 4.8 mmtpy sinter plant, the sinter cooler and the product handling system. The new plant will replace the existing sinter plant No. 3. It features a state-of-the-art waste gas recirculation system, thus reducing environmental impact. The new plant is expected to be started-up in the fourth quarter of 2019.

The new sinter plant for JFE's Fukuyama works, located in the East of Hiroshima Prefecture, will have a sintering area of 387 square meters. Supplying the sinter plant, sinter cooling and product handling system, Primetals Technologies will also be responsible for engineering and on-site supervision. JFE Steel will be in charge of erection, civil works and electrics and automation. The new sinter plant will be equipped with the latest waste gas recirculation technology to ensure a reduced environmental impact through the sinter process. Latest designs and developments for major equipment will be applied tailor-made as per JFE Steel's requirements for this project (e.g.: water cooled star crusher). The main reasons for JFE Steel for awarding the order were the high technological standard of Primetals Technologies' sinter plant solution as well as the international references in this field.

JFE Steel operates seven steel works in Japan and has a work force of more than 44.000 employees. The company was founded in 2003 and is based in Tokyo, Japan. JFE Steel Corporation manufactures and sells steel products and offers steel sheets, plates, shapes, electrical sheets, pipes and tubes, stainless products, steel bars and wire rods, and iron powders, as well as certain titanium products.



Computer-animated image of the new sinter plant from Primetals Technologies to be supplied to Japanese steel producer JFE Steel Co. (JFE Steel). The new plant will replace the existing sinter plant No. 3 in the Fukuyama works.

This press release and a press photo are available at

www.primetals.com/press/

Contact for journalists:

Dr. Rainer Schulze: rainer.schulze@primetals.com

Tel: +49 9131 9886-417

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Primetals Technologies, Limited headquartered in London, United Kingdom is a worldwide leading engineering, plant-building and lifecycle services partner for the metals industry. The company offers a complete technology, product and service portfolio that includes integrated electrics, automation and environmental solutions. This covers every step of the iron and steel production chain, extending from the raw materials to the finished product – in addition to the latest rolling solutions for the nonferrous metals sector. Primetals Technologies is a joint venture of Mitsubishi Heavy Industries (MHI) and Siemens. Mitsubishi-Hitachi Metals Machinery (MHMM) - an MHI consolidated group company with equity participation by Hitachi, Ltd. and the IHI Corporation - holds a 51% stake and Siemens a 49% stake in the joint venture. The company employs around 7,000 employees worldwide. Further information is available on the Internet at.

Primetals Technologies, Limited
A joint venture of Siemens, Mitsubishi Heavy Industries and partners
Communications
Head: Gerlinde Djumljija

Chiswick Park, Building 11, 566 Chiswick High Road
W4 5YS London
United Kingdom