



50th Anniversary of Fukuyama District in West Japan Works

West Japan Works, the core steelworks of JFE Steel, sits on an enormous site boasting one of the world's largest blast furnaces.

In February 2015, its Fukuyama District facility celebrated 50 years of operation.

Going forward, JFE aims to make this one of the world's leading steelworks boasting highly advanced technology and extra-efficient production.



Continuing Investment in JFE's Manufacturing Base in Japan

JFE is steadily strengthening its manufacturing base in Japan by renewing facilities at domestic production sites. High-return investments are being accelerated, such as upgrading coke ovens to further enhance JFE's global competitiveness.

(Photo)

Chiba District of East Japan Works

To renew Battery A of the Works' No. 6 coke oven, 40 skilled bricklayers were organized to lay 15,000 tons of bricks by hand in 160 days. Construction is scheduled to end in 2016.

Passing down Crucial Steel-making Know-how

Amid a rapid generational shift due to the mass retirement of baby-boomers, JFE has taken resolute steps to ensure that its steel-making know-how is soundly passed down to the company's next generation. Specific measures have included education and training in crucial technical skills and diversification of the workforce.





Waste-to-energy Plants Harmonized with Communities

JFE Engineering fully redesigned and rebuilt the Nerima Incineration Plant in Tokyo, which resumed operation in December 2015.

The new plant coexists harmoniously with its surrounding residential community thanks to its compact layout and use of advanced technologies to satisfy all emissions standards.



Urban Biomass Power Plant for Low-carbon Energy Society

JFE Engineering built a power plant that runs exclusively on wood biomass fuel, one of the largest such power plants in Japan, on the site of a former refinery in Kawasaki.

The plant uses biomass power-generation technology to turn wooden pellets and coconut shells into a clean source of renewable energy amounting to 49 MW of electricity.



Local Employees Help Pave Way for Business Overseas

Amid a dramatic upswing in Vietnam's steel demand due to rapid economic growth, JFE Shoji Group's local staffers are hard at work selling JFE steel products and raw materials, including steel scrap. JFE Shoji is opening up avenues to new business by harnessing the talents of some 3,500 local employees in a global network spanning 56 locations in 19 countries.

Building Large, Extra-efficient Ships to Save Energy

The NYK BLUE JAY, the first in a series of 14,000 TEU energy-saving container ships, was built at the Kure Shipyard of Japan Marine United (JMU).

The ship boasts class-leading container capacity thanks to innovations including the use of YP460, an ultra-thick, high-tensile steel developed with JFE Steel.

JMU's proprietary energy-saving equipment and its computer-controlled main engine save energy and strengthen operational flexibility.

