JFE Steel boasts an impressive production network in Japan, divided roughly into two major steelworks. The East Japan Works comprises the Chiba district, where the company built Japan’s first integrated coastal steelworks in the early 1950s, and the Keihin district, located on the 5.5 million m² Ohgishima man-made island in Tokyo Bay. The West Japan Works includes the Fukuyama and Kurashiki districts, both of which boast expansive sites and proximity to deep harbors. Both steelworks — East and West — have large, world-class blast furnaces, and together they offer a combined crude steel production capacity of 33 million tons. The production network also includes the Chita Works, one of the world’s leading specialized steelworks, which produces a world-leading range of steel pipes and tubes, including tubular goods for the oil industry and line pipes.

Two Major Steelworks with Large-scale Blast Furnaces

Collaborating with Our Customers

JFE Steel is building a truly global manufacturing and distribution framework, with a special emphasis on unique, market-leading “Only One” and “Number One” products, in response to increasing worldwide demand for high-end steel. As a steelmaker with world-leading production facilities and expertise in the development of innovative technologies, JFE Steel responds to global market demands for high-end steel by developing products that offer unique characteristics and superior functionality. Going forward, as we continue to provide Japanese customers with stable supplies of high-end steel products, we intend to actively increase our supply of superior products to customers worldwide by establishing and expanding high-quality steel production and distribution networks in partnership with leading steelmakers overseas. At the same time, we will remain committed to furthering the aspirations of local communities and society at large through our proactive development of solutions for environmental protection.

Eiji Hayashida  President & CEO

THiNK SMART (Steel Material for Application Research and Technology) is a separate facility for joint testing and research. Customers and university-affiliated research institutes are welcomed to the facility for collaboration in practical testing of steel materials, structures and construction techniques.
Expanding Our Ownership of Vital Resources

The stable sourcing of coking coal and iron ore is becoming ever more critical for blast furnace makers in the face of increasing worldwide demand for steel, primarily in emerging countries. Mindful of this trend, JFE Steel is expanding its ownership of vital global resources. In December 2009, JFE acquired a 20% stake in QCoal’s Byerwen Coal Mine in Australia. Once the mine is fully operational sometime in 2012, JFE expects to procure two million tons of high-quality coking coal annually. The company, working through its membership in a Japanese-Korean consortium, also acquired an interest in Brazil’s Nacional Minérios S.A. (NAMISA) for iron ore. As a result, JFE has enhanced its resource ownership to 19% for coking coal and 16% for iron ore. In the future, the plan is to continue securing interests in vital resources until ownership is raised to 30% for both coking coal and iron ore, respectively. At the same time, JFE is committed to its expanded use of inexpensive low-grade raw materials through the development and application of new technologies.

Creating a Global Edge with Value-added Products

With the world’s high-end steel market poised to grow, JFE Steel is taking steps to ensure it is ideally positioned to respond. In markets including China, India and Southeast Asia, production and distribution networks for high-end steel are being established through vertically specialized frameworks created with local partners. Guangzhou JFE Steel Sheet Co., Ltd., a 50–50 joint venture in China, is adding a cold-rolling mill and hot dip galvanizing line for the supply of automotive steel sheet. In India, the company has entered the automotive-steel market by taking an equity position in JSW Steel, the nation’s largest private steel company. In addition, cooperative arrangements for all product lines in India are being expanded, aiming to solidify JFE Steel’s foothold in this promising emerging market.

Advanced “Only One” and “Number One” Products

JFE’s branded “Only One” and “Number One” products are developed from original concepts and with sophisticated technologies for diverse applications, including steel sheet for automotive purposes, high-strength steel sheet for construction and more. These special products currently account for one-third of JFE Steel’s sales.

Global Steel Sales Together with Major Partners

JFE Steel Corporation

Global Steel Sales Together with Major Partners

USA
• AK Steel
• US Steel

Canada
• DJG

South Korea
• Dongbuk Steel Mill
• Donghe Steel
• Hyundai HYSCO
• Hyundai Steel

China
• Guangzhou JFE Steel Sheet
• Fujian Sino-Japan Metal
• Fujian TINPLATE Industry
• AISI NOK Steel Pipe

Japan
• JSW Steel

India
• JSW Steel

Thailand
• TCR
• TCS

Tunisia
• Perstima

Malaysia
• Perstima

Greece
• Corinth Pipeworks

Germany
• ThyssenKrupp Steel

Australia
• Geelongmoran

Vietnam
• Thaco Steel

South Korea
• Dongbuk Steel Mill
• Donghe Steel
• Hyundai HYSCO
• Hyundai Steel

JFE Steel Corporation
JFE and GMH Holding sign technical collaboration agreement
Building on a previous agreement for collaboration in the automotive field, JFE and German-based GMH Holding signed a technical collaboration agreement to produce steel bars for the energy sector, mainly in the field of wind power.

Marine Blocks® demonstrated in coral reef regeneration project in Indonesia
An underwater test along the shores of Indonesia demonstrated that JFE Steel’s Marine Blocks® made of solidified slag can help to regenerate the world’s declining coral reefs.

Agreement with JSW Steel for equity participation and technology provision
JFE signed an agreement with JSW, India’s largest private steel manufacturer, to acquire an equity interest and provide the company with special technology, thereby establishing a foothold in this rapidly growing market.

JFE awarded 43rd Annual Ichimura Award
JFE received the Economy, Trade and Industry Minister’s Award for Nanohiten® innovative technology. The ministry’s most prestigious award recognizes JFE’s achievement in helping to reduce CO2 emissions through automotive fuel efficiency and significantly to improve JFE’s achievement in helping technology. The ministry’s most prestigious award recognizes JFE’s achievement in helping to reduce CO2 emissions through automotive fuel efficiency and significantly to improve JFE’s achievement in helping technology.

JFE established a presence in Vietnam’s wind power manufacturing and sales sector
JFE’s products to construction projects in Southeast Asia, including large-scale wind farms such as ports and railways.

Outdoor test of CO2 physical adsorption pilot plant at West Japan Works (Fukuyama)
JFE’s joint initiative with blast furnace makers of the Japan Iron and Steel Federation for developing technology to reduce CO2. JFE has been developing technology for the separation and adsorption of CO2, and the pilot plant is now being tested in an experimental facility.

Japan’s first electric-propulsion ship for transporting steel products
An electric-propulsion ship for transporting steel products, a first for Japan, offers 5% better fuel efficiency than conventional diesel ships, resulting in reduced CO2 emissions.

Successful bid to construct Miyazaki Solar Tsuno No. 2 Power Plant
Mobilizing the JFE Steel Group’s many proprietary technologies, we tendered a successful bid for the construction of our first megawatt solar power plant.

JFE East Japan baseball team finishes in top eight of intercity tournament
More than 10,000 loyal JFE supporters flocked to Tokyo Dome in central Tokyo to demonstrate their enthusiastic support for the JFE East Japan team, which advanced to the quarterfinals of this regional semi-pro baseball tournament.

TOKYO 2011

JFE East Japan baseball team finishes in top eight of intercity tournament
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Completed delivery of 8,300-ton delivery of high-strength round steel tubes for Tokyo Sky Tree
Tokyo Sky Tree, already Japan’s tallest structure prior to completion in 2011, is using JFE Steel-supplied high-strength steel tubes for everything from its underground infrastructure to its top-most tower where antennas will be installed.

Completed construction of 5,700-tonne circular steel pipe for Tokyo Sky Tree
Steel supplied for transporting steel products, a first for Japan, offers 5% better fuel efficiency than conventional diesel ships, resulting in reduced CO2 emissions.

JFE wins bid to construct Miyazaki Solar Tsuno No. 2 Power Plant
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