

建設分野を中心とした市場開発活動を展開

Market development activities target mainly the construction sector

2008年度の市場開発活動は、官公庁・関連団体等と連携の上、各分野で研究提案・普及促進活動等を精力的に展開した。建築分野では建築基準法改正へ対応するため「建築基準整備促進補助金事業」等への参画、震度7レベルの大地震が発生しても倒壊しない「革新的構造材料による新構造システム建築物」の研究開発（府省連携プロジェクト：平成16年度～20年度）へは、高強度鋼材とその接合法を開発するなど、最終年度として重点的な取り組みを行った。土木分野では「臨海コンビナート耐震対策の提案」、「乗用車専用立体交差技術の実プロ化」を中心として、各種技術の提案等を実施した。また、新しい橋梁用高性能鋼材（SBHS鋼）の普及に努めた。このほか、第2期「鋼構造研究・教育助成事業」を行い、大学研究者等を対象とした鋼構造研究の環境整備に取り組んだ。

海外市場関連では、鋼材需要が旺盛な東南アジアにて、鋼構造に関する各種セミナーを開催するとともに、日本の新鋼材・利用技術紹介の海外向け情報誌である“Steel Construction Today & Tomorrow”を刊行し、各国に情報発信する等の普及活動を行った。

他に、建設環境に関するパンフレットを作成の上、鉄の環境面での優位性をPRするとともに、スチール缶の普及活動等を実施した。

In fiscal 2008, market development activities involved primarily the provision of research themes in many fields and measures to increase the use of steel. All activities are performed with the cooperation of government agencies, industrial associations and other organizations. Priority was placed on a number of important projects throughout the fiscal year in the building construction sector. The JISF participated in a project to grant programs to establish building standards in compliance with Japan's amended Building Standards Law. Another activity is the development of high-strength steel materials and a connection method for research and development involving a new structural system for buildings using innovative structural materials that can withstand an earthquake with a seismic intensity of 7 on the Japanese scale (The Collaborative Project by Cabinet and Ministries: Fiscal 2004-2008). In the civil engineering sector, the JISF proposed new ideas for technological development and research and performed other activities. Main projects include a proposal for earthquake countermeasures at large waterfront industrial complexes and a full-scale project to study technologies for constructing multilevel crossings exclusively for automobiles. In addition, the JISF worked on increasing the use of a new high-performance steel (SBHS steel) for bridges. Another activity was the second phase of the steel structure research and education promotion program with the goal of creating an environment that encourages steel structure research at universities and other organizations.

For overseas market promotion, the JISF held steel construction seminars covering a variety of subjects about steel structures in Southeast Asia, a region with strong demand for steel. Furthermore, the JISF conducted many activities to disseminate information. One example is Steel Construction Today & Tomorrow, a publication that provides overseas readers with technical information about new Japanese high quality steel products and steel utilization technologies.

In addition to these activities, the JISF prepared pamphlets for the construction sector, conducted public relations activities to raise awareness of the environmental benefits of using steel, and promoted the use of steel cans.



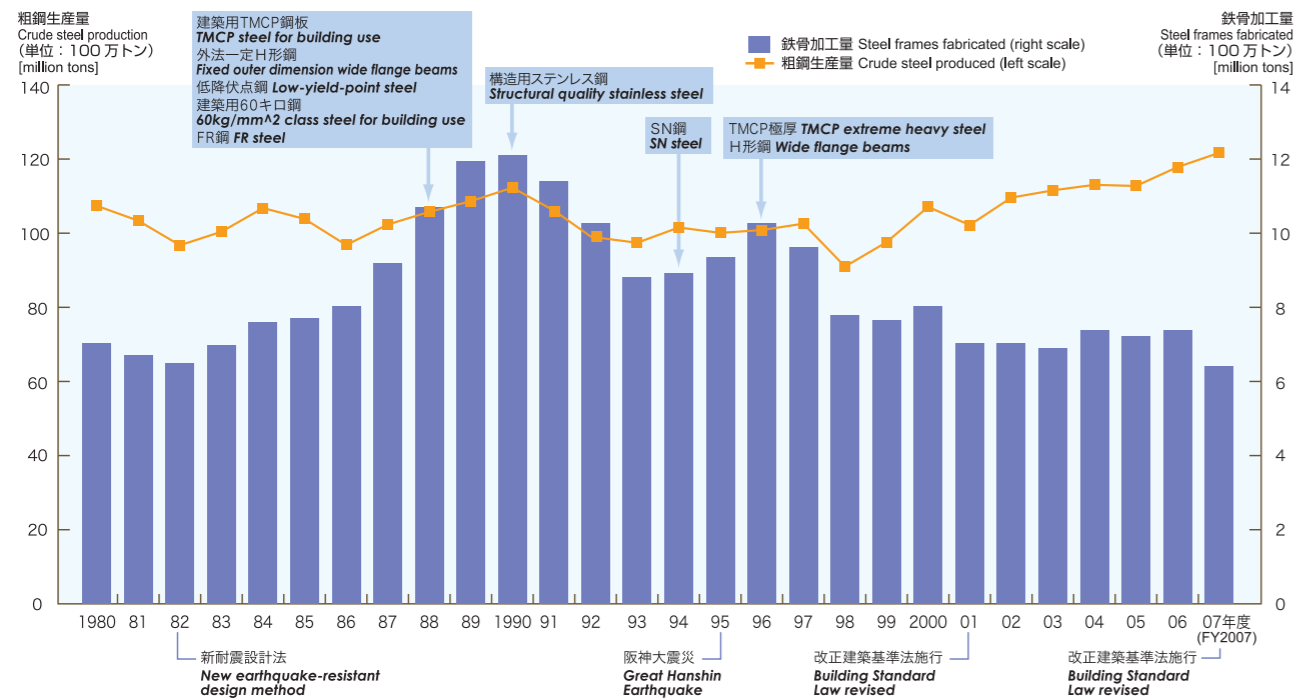
新構造システム建築物の一案
Application of New Building Systems Using Innovative Structural Materials



臨海道路に架かる東京臨海大橋（仮称）イメージパース 出所：国土交通省関東地方整備局東京港湾事務所
Tokyo Port Seaside Bridge (tentative name) over the Tokyo Port Seaside Road (rendering)
Source: Tokyo Port Office, Kanto Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism

■粗鋼生産量と鉄骨加工量

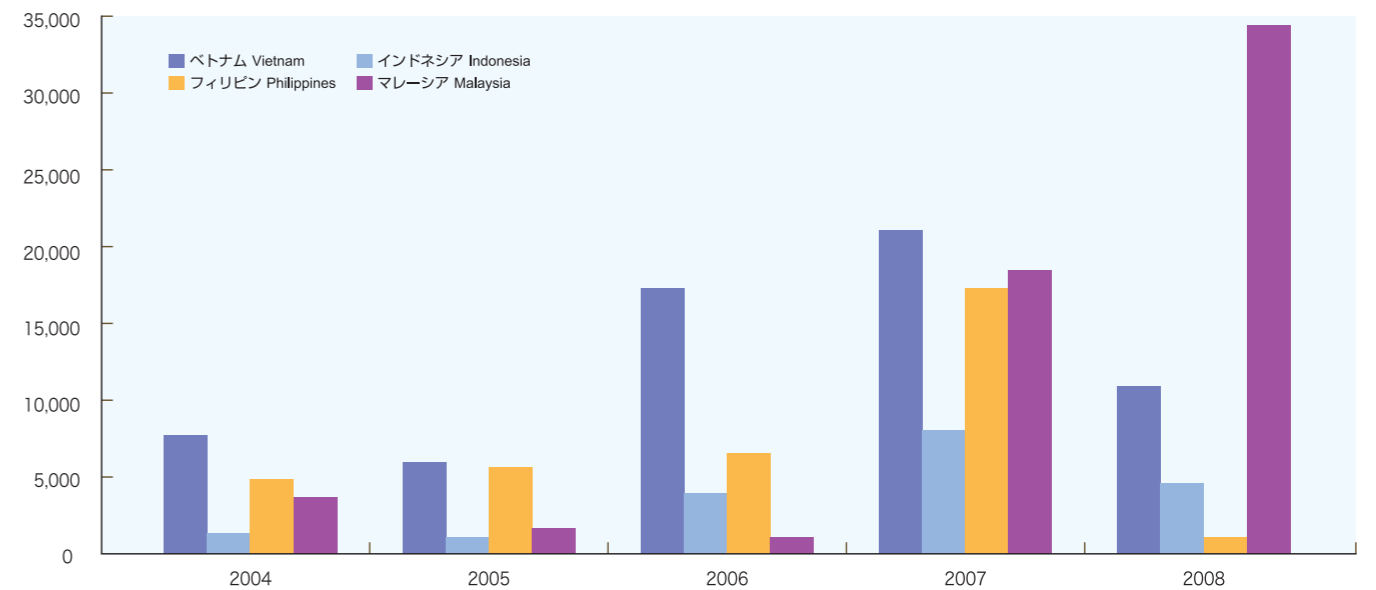
Crude Steel Production and Steel Frames Fabricated



出所：(粗鋼生産量)経済産業省「鉄鋼・非鉄金属・金属製品統計月報」、(鉄骨加工量)全国鐵構工業協会
Source: (Crude Steel Production) "Monthly of Iron and Steel, Non-ferrous Metal, and Fabricated Metals Statistics," Ministry of Economy, Trade and Industry; (Steel Frames Fabricated) Japan Steel-rib Fabricating Association

■日本のASEAN 主要国向け鋼矢板の輸出数量推移 Japan's Steel Sheet Piling Exports to Major ASEAN Countries

(単位: トン) [ton]



出所：財務省「通関統計」
Source: "Customs Clearance Statistics," Ministry of Finance

■JISF 東南アジア鋼構造建設セミナー(&ワークショップ)開催国・開催都市の推移

JISF Southeast Asia Steel Construction Seminar (& Workshop) Venue Countries and Cities

開催年度 Holding year (FY)	2004	2005	2006	2007	2008
開催地 Venue	ベトナム (ハノイ) Vietnam (Hanoi)	ベトナム (ハノイ・HCM) Vietnam (Hanoi, Ho Chi Min City)	ベトナム (ハノイ) Vietnam (Hanoi)	ベトナム (ハノイ) Vietnam (Hanoi)	ベトナム (ハノイ) Vietnam (Hanoi)
	フィリピン (マニラ) Philippines (Manila)	インドネシア (ジャカルタ) Indonesia (Jakarta)	インドネシア (ジャカルタ) Indonesia (Jakarta)		インドネシア (ジャカルタ) Indonesia (Jakarta)