

COVER STORY 2

Seeing Mega Trends as Opportunities for Growth

Such mega trends as climate change and economic development in the emerging countries are giving rise to a variety of issues around the world. By leveraging its leading-edge environmentally friendly technologies and broad-ranging infrastructure-building capabilities, MHI expects to play a steadily increasing role in society.

Viewing the resolution of such issues as business opportunities, MHI aims to contribute to environmental sustainability while achieving global growth.

High-Efficiency Thermal Power Generation Systems

Integrated coal gasification combined cycle (IGCC) power generation substantially improves generation efficiency compared with previous methods, contributing to reduced CO₂ emissions.

For the Environment

CO₂ Recovery Plants



These plants recover CO₂ from flue gas emissions, for use in fertilizers or oil recovery.

Turbochargers



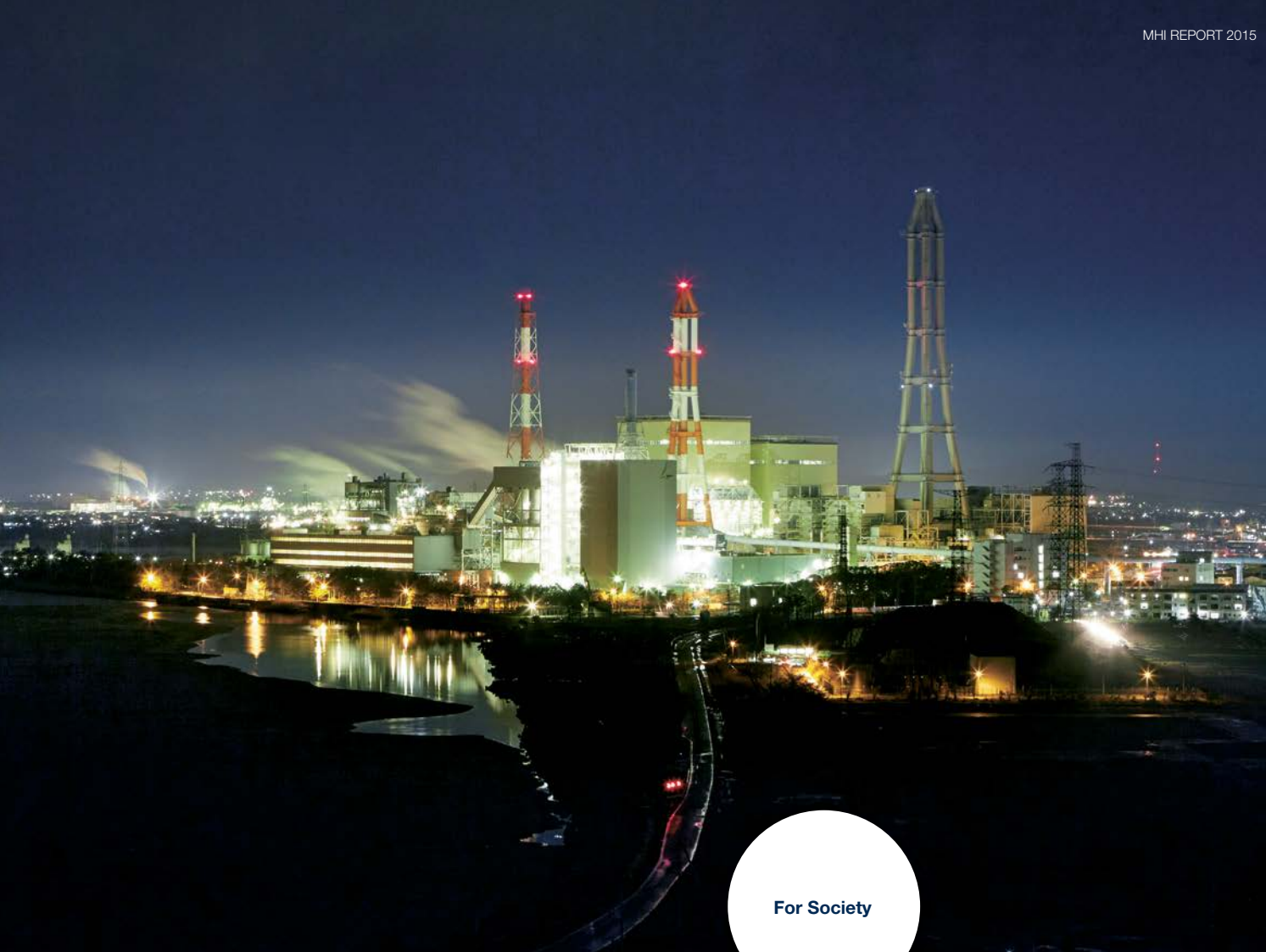
Mounted on automobile engines around the world, turbochargers significantly improve automotive fuel efficiency.

Business Model for Contributing to the Resolution of Global Issues

As a comprehensive infrastructure company, our businesses span a wide spectrum of fields that impact the lives of hundreds of millions of people as well as the global environment. Accordingly, we are deeply involved in issues affecting the entire world.

We consider making contributions toward resolving these issues our corporate *raison d'être* and a business opportunity as well. Addressing global climate change, for example, we can help

reduce greenhouse gas emissions through highly efficient power generation systems and renewable energies, CO₂ recovery plants, and turbochargers that boost automotive fuel efficiency. Meeting the need for infrastructure development in emerging countries, we provide the highly reliable power generation systems as well as transportation and other systems that play a major role in sustainable growth.



For Society

Energy-Efficient LNG Carriers



Through the use of shape configurations, highly efficient turbines, and dual-fuel diesel engines that combine both gas and oil, these tankers realize improvements in carrying capacity and environmentally friendly performance.

Fertilizer Plants



For more than 50 years, we have been helping to ensure a stable supply of food to meet the demands of the world's growing population.

Transportation Systems



We provide various types of land transportation systems, contributing to improvements in urban transport at locations around the world.

Compressors



Energy demand is rising as the emerging countries develop, leading us to anticipate long-term growth in the oil & gas business.

Accelerating Global Expansion

We expect the current mega trends to continue for some time into the future, and believe our role is likely to continue increasing on a global scale. Although the market is highly competitive, we will seek to differentiate ourselves from the global competition by leveraging our strengths in environmentally friendly performance

and sophisticated technological capabilities and maximizing our strengths in engineering, including in engineering, procurement, and construction (EPC) and system integration. We will continue pursuing growth by taking advantage of business opportunities around the world.