

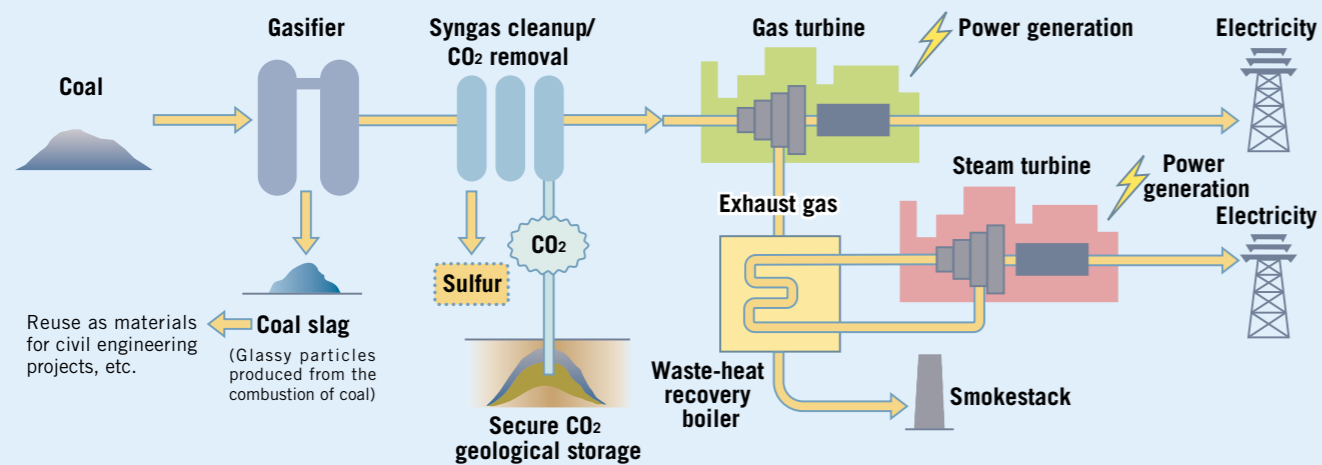
### MC Participates in Clean Coal Project in Australia Via Construction of Power Plant With CCS Capability

(Power & Electrical Systems Division, Machinery Group)

Mitsubishi Corporation (MC) and Mitsubishi Heavy Industries, Ltd. (MHI) are participating in a power plant project in Australia that aims to demonstrate superior environmental performance. The project, which is being spearheaded by Australia's ZeroGen Pty. Ltd., seeks to combine a low-emission, high-efficiency Integrated Gasification Combined Cycle (IGCC) power plant with a Carbon Capture and Storage (CCS) facility. The facility would be the world's first commercial-scale complex to effectively integrate these two technologies. MC and MHI are expected to receive a comprehensive contract for the construction of the project, and are looking to bring the facilities on stream by 2015.

As a founding member of Australia's Global Carbon Capture and Storage Institute (GCCSI), MC provides advice on how coal can be effectively utilized in more environmentally responsible ways and it also makes practical suggestions to the Australian government regarding the planning and development of CCS initiatives. Through participation in this project, MC aims to accumulate know-how regarding the operation of next-generation coal-fired power plants while helping MHI to bolster its record in the area of IGCC plant supply. MC also aims to contribute throughout the value chain through its involvement in the project in various ways, from coal and pipeline supply to emissions credit trading.

#### ZeroGen IGCC with CCS



#### Integrated Gasification Combined Cycle (IGCC)

Coal is converted into a gas and used to generate power via a gas turbine. The high-temperature exhaust gas produced by the gas turbine is then used to drive a steam turbine to generate power. Compared with conventional coal-fired power generation, IGCC provides high power generation efficiency and low emissions of CO<sub>2</sub>, as well as sulfur oxides and other substances responsible for air pollution. The method has attracted attention because it provides a means of utilizing the world's vast reserves of coal through clean coal-fired power generation.

#### Carbon Capture and Storage (CCS)

CCS is a technology for separating and capturing CO<sub>2</sub> from other gases, and sequestering CO<sub>2</sub> in geologically stable reservoirs either underground or under the seabed. In general, the technology will be deployed at power plants, factories and other large sources of CO<sub>2</sub> emissions. Research into CCS is being pursued worldwide because it is a promising technology that has the potential to help reduce CO<sub>2</sub> emissions on a global scale.

### Dubai Metro Commences Operation—World's Longest Fully Automated Driverless Urban Rail System

(Ship, Aerospace & Transportation Systems Division, Machinery Group)

On September 9, 2009, Dubai Metro, a fully automated driverless urban rail system (total track length upon completion: 75 km), commenced operation of one segment of the project in Dubai, the United Arab Emirates (UAE). The segment that entered operation was the 52 km-long Red Line running between Dubai International Airport and Jebel Ali, a new area under development along the coast. The Green Line, a segment running through the old city along Dubai Creek, is planned to enter service by the end of 2010.

Dubai Metro is the Gulf Cooperation Council (GCC)'s first subway system. When completed, it will be the world's longest fully automated driverless urban rail system. Construction is being jointly conducted by an international consortium including Mitsubishi Heavy Industries, Ltd. (MHI), Obayashi Corporation, Kajima Corporation and Yapi Merkezi Insaat ve Sanayi A.S. of Turkey. Mitsubishi Corporation (MC) and MHI supplied the complete rail system, including rolling stock and automatic train control system.

MC has a track record of winning orders for rail system projects in Cairo, Egypt, Delhi, India and elsewhere around the world. In May 2009, MC won an account to supply Bangalore Metro of India with 150 cars of rolling stock. Going forward, MC will continue working to expand business with the aim of capturing growing global demand for the construction of rail systems.



Dubai Metro

### MC Forges Alliance With China's Largest Pharmaceutical Wholesaler to Enter the Chinese Pharmaceutical Distribution and Wholesale Business

(Human Care & Media Division, Living Essentials Group)

Mitsubishi Corporation (MC), MEDIPAL HOLDINGS CORPORATION (MEDIPAL) and China's largest pharmaceutical wholesaler, Sinopharm Group Co., Ltd. (Sinopharm Group), have signed a memorandum for a comprehensive strategic alliance. As the first step of this alliance, MC and MEDIPAL have taken an equity interest in Sinopharm Group Beijing Huahong Co., Ltd. (Huahong), a member of the Sinopharm Group, to make inroads into China's pharmaceutical distribution and wholesale business, targeting the country's fast growing pharmaceuticals market.

As alliance partners, MC and MEDIPAL aim to support the development of Huahong providing expertise in their respective specialties. MC will provide expertise gained from its hospital management support business and hospital operational support outsourcing business, while MEDIPAL will provide know-how in the areas of pharmaceutical distribution and wholesaling.

By harnessing the strengths of the three partner companies—namely the Sinopharm Group's nationwide distribution network in China, MC's international business network, and MEDIPAL's close ties with Japanese pharmaceuticals and medical instrument manufacturers—the partners aim to further expand its business in China going forward.

#### Investment Scheme

