

# Tackling Climate Change

Guided by the Three Corporate Principles (please see page 20) that constitute its corporate philosophy, Mitsubishi Corporation (MC) sees its response to global environmental challenges as one of its most important management issues. We are therefore actively engaged in promoting a range of initiatives aimed at realizing a sustainable society. These activities encompass every aspect of our business activities. Tackling climate change is a particularly important theme when considering the future of the global environment. Over the years, MC has remained committed to fighting climate change through its business activities and social contribution programs.

## Initiatives Through Business Activities

Aiming to tackle climate change, MC has taken the lead in reducing greenhouse gas emissions. New technologies have been deployed that mitigate global warming, including new energy development projects, and new emissions trading mechanisms have been supported. In April 2009, MC positioned the new energy business, as

well as the environmental and water businesses, as key targets for “Business Sector Development,” one of its strategic areas for Corporate Development. MC has also established a corporate development structure to pull the entire company together behind initiatives in each area (Please see pages 10-13 for further details).

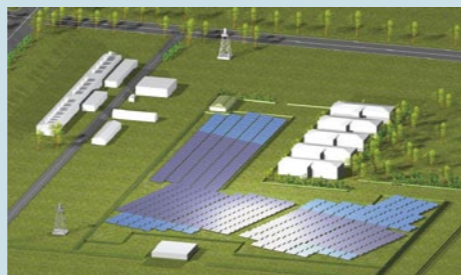
Going forward, MC remains determined to help bring about a sustainable society through a range of business activities.

### Main Businesses

- Bio-pellets
- Solar photovoltaic, concentrated solar power, wind power generation businesses
- Bioethanol and biodiesel
- Development, manufacture and sale of lithium-ion batteries
- Emissions credit business on a global scale
- Domestic emissions reduction business using wood biomass
- Biomass-fueled power generation business using food waste
- ESCO business
- Aluminum recycling business
- Clean coal technology → See page 8
- Business to promote the uptake of electric vehicles
- CO<sub>2</sub> polymer

## TOPICS Solar Photovoltaic Power Generation Demonstration Project in Brunei

This demonstration project involves the installation of a solar photovoltaic power generation plant with a rated power output of 1.2 megawatts, the largest project of its kind in Southeast Asia. The project will see MC work with the Brunei government on demonstration research and operational evaluations over a three-year period from the start of plant operations. The resulting data and know-how should be highly useful in promoting the uptake and practical use of solar photovoltaic power generation technology, including the training of local personnel. Work on the project is now fully underway, with the start of plant operations planned for 2010.



Solar photovoltaic power generation plant in Brunei (Artist's impression)

## In-house CO<sub>2</sub> Action Project

MC is working to reduce the environmental impact of its daily operations and business activities by implementing an Environmental Management System (EMS) headed by the President & CEO.

EMS activities for the fiscal year ending March 31, 2010 are focused on reducing CO<sub>2</sub> emissions. To this end, MC is promoting a company-wide campaign to cut CO<sub>2</sub> emissions called the CO<sub>2</sub> Action Project. Ideas and targets for reducing CO<sub>2</sub> emissions are being considered by each business group. MC is implementing a broad range of initiatives, from turning off office lighting during lunch breaks as a electricity saving measure, to holding “paperless” meetings and promoting

the use of teleconferencing, as well as choosing more environmentally friendly modes of transportation when on business trips or running errands.

In addition, solar photovoltaic power generation equipment has been installed on the roof of the Head Office buildings and is generating some of the electricity used by the office.



CO<sub>2</sub> Action Project poster

## CSR & Environmental Affairs Advisory Committee Workshop

In September 2009, MC held a workshop with the CSR & Environmental Affairs Advisory Committee, which is made up of eight external experts. At the event, views were exchanged between committee members and relevant MC business departments. The committee members provided many suggestions on topics such as tackling climate change, as highlighted below:

- There is a large difference in the degree of concern about environmental issues between industrialized and developing nations. To bridge the difference, MC must take the lead in reducing CO<sub>2</sub> emissions through its own business activities.
- Funding and technology transfers from industrialized to developing nations is essential to drastically reducing CO<sub>2</sub> emissions. This should have a positive impact on MC's businesses.
- A paradigm shift is needed in Japan—the country must see its ambitious CO<sub>2</sub> reduction targets as an opportunity to establish itself as a leader in low carbon technologies. MC should be at the forefront of this movement.
- The time will almost certainly come when investment decisions will be based not only on the monetary return on investment, but also on factors like CO<sub>2</sub> emissions.



Members of the CSR & Environmental Affairs Advisory Committee