

Mitsubishi Gas Chemical Company, Inc. September 14, 2011

## The New "Next Generation Business Project Group"

On June 25, 2010, Mitsubishi Gas Chemical Company, Inc. (MGC; Head Office: Chiyoda-ku, Tokyo; President: Kazuo Sakai) set up the Committee on Future R&D to define new themes of activity with a view to opening up new businesses. The overall aim was to "accelerate the development and commercialization of new products," as one of the basic policies stipulated in the current Medium-term Management Plan, "MGC Will 2011." With the selection of themes for company-wide activities, the company is now establishing the new "Next Generation Business Project Group" to promote the research and development activity outlined below. The new group will directly report to the MGC President.

Starting up on October 1, 2011, the new organization will commit itself to (1) creating new core businesses and (2) making the new businesses successful by efficiently using the comprehensive strength of MGC and synergy between its internal companies.

This project will cover all relevant processes, from preliminary surveys to research and development, from prototyping to mass production and to commercialization. To realize the vision described in "Desired MGC Group in 2021," the project aims to achieve more than 100 billion yen in net sales from the new businesses it develops.

The new Project Group consists of research teams as well as a planning and development team that supports the activities of the research teams. Initially, the Group will have five research teams. Three teams aim to establish new major businesses for new structural materials, next-generation battery materials, and medicine/chemical packing solutions, while the remaining two address new growth markets close to the traditional MGC markets. To ensure the company-wide promotion of research and development, the project will center on three domestic research laboratories and include research departments at plants.

The three new-business teams have the following aims:

- The new structural materials team will create completely new high-performance plastic materials on the basis of MGC engineering plastic and thermoset/thermoplastic resin technologies and products, and achieve the production of a broad product lineup ranging from monomers to polymers that will be used as high-strength lightweight structural materials.
- The next-generation battery materials team will use MGC's catalyst manufacturing and battery evaluation technologies to develop new inorganic powder materials for use in lithium-ion secondary batteries.

3) The medical/chemical packing solutions team will utilize findings from the department responsible for the AGELESS<sup>®</sup> oxygen absorber as well as the technology developed for thermoplastic resins such as gas barrier resin to develop medicine/chemical packing materials. The team will then develop variations of packing materials and set up a solution business.

The two teams addressing new growth markets close to the traditional MGC markets will work in the areas of film and sheets, and life science, respectively.

The Next Medium-term Management Plan, which will be introduced in April 2012, will again include the "creation and development of new businesses" as a major goal. Under the new Management Plan, MGC will create and develop new businesses in two areas: The business divisions will play a central role in markets close to the traditional markets, while the "Next Generation Business Project Group" will develop completely new operations from a company-wide perspective.

The MGC Group will continue to find and define promising themes of activity to match the various MGC technologies with functions required by the market and to create synergy between different MGC businesses including group companies.

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