Message from the President

Building a sustainable society through technology and co-creation

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President and Representative Director

Pursuing sustainability management and contributing to society

Since our founding, we have contributed to prosperity and a safe, secure society by providing catalysts that meet the evolving needs of each era.

When N.E. CHEMCAT was founded in the 1960s, Japan was experiencing a period of high economic growth, and it coincided with the development of Japan's domestic petrochemical industry. It was a time when domestic production of catalysts was required for manufacturing petrochemical products, and we began domestic manufacturing by introducing the latest overseas technologies. Subsequently, we expanded into various fields such as pharmaceuticals, agrochemicals, electronic materials manufacturing, and energy, and we have supported numerous industries and contributed to the realization of an affluent society by providing catalysts tailored to social needs.

Furthermore, in the 1970s, as air pollution worsened and Japan pursued comprehensive pollution countermeasures, we began supplying catalysts to purify harmful gases emitted from automobiles in response to these social needs. As exhaust gas regulations become increasingly stringent each year, we have enhanced our response efforts and contributed to reducing the overall environmental burden on society through our research and development of high-performance catalysts.

In addition, the precious metals used as primary raw materials are not only scarce but also concentrated in specific countries and territories, making stable raw material supply critically important. Since our founding, we have continuously worked toward effective resource utilization by recovering, refining, and recycling the precious metals contained in spent catalysts, thereby promoting the sustainable use of resources.

Over the past 60 years, by accumulating proprietary know-how and technological development, we have contributed to a more prosperous society and to reducing environmental impact, while also advancing resource recycling.

Currently, in addressing social issues such as increasingly severe global warming, there are many technological domains in which catalysts can contribute. We view it as our essential mission to fully harness the potential of catalysts, leveraging our technology and expertise to contribute to the resolution of these challenges. In particular, we are strengthening the development of technologies that will help achieve a carbon-neutral society as a response to the pressing issue of climate change.

For example, catalysts are expected to play a key role in safely and efficiently producing, storing, transporting, and using hydrogen, which is attracting attention as a CO_2-free clean energy source, and we are working on catalyst technologies that support the entire value chain. In addition, ammonia utilization, carbon capture and utilization (CCU), and synthesizing green LPG are application domains of our technologies, where we are advancing innovation.

As a practical implementation of hydrogen energy, we are focusing on developing electrocatalysts for fuel cell vehicles (FCVs) that satisfy the stringent requirements demanded by government and industry. At the same time, we are engaged in the development of new catalysts by applying and further developing our accumulated technologies, including research into exhaust-gas purification technologies suited to next-generation fuels such as hydrogen and biofuels. At the same time, for internal-combustion vehicles we will further advance exhaust-purification technologies to reduce environmental load and support the evolution of mobility society in the future by flexibly supporting diverse powertrain systems.

Alongside carbon-neutral initiatives, action on resource recycling is also indispensable for building a sustainable society. To preserve finite resources for future generations, we will further enhance the precious-metal recovery and refining technologies developed since our founding and aim to establish highly efficient, high-precision recovery processes.

Guided by our philosophy, "We contribute to achieving a sustainable and quality global environment and affluent society through chemistry," we will continue to advance sustainability management across the company. Thus, through our business activities, we aim to contribute to a sustainable society that harmonizes with the environment while ensuring that we remain a company that society values and needs.

Sustainable growth through a vibrant organization and co-creation

In advancing sustainability management, our most important asset is our employees. In this era of rapid change, there is an even greater need than ever to develop human resources capable of boldly taking on challenges with a future-oriented mindset, unconstrained by traditional frameworks. We are fostering a corporate culture that maximizes the motivation and creativity of each employee, and by actively encouraging challenges in new ventures born from flexible thinking and in diverse projects, we have established a framework for continuous innovation.

Moreover, to realize technological innovation and new value creation aimed at addressing issues facing our society, collaboration with stakeholders including customers, in addition to internal initiatives, is indispensable. We believe that integrating the expertise we have cultivated with stakeholders' diverse perspectives and insights will lead to groundbreaking new technologies and enhance our contributions to society We will engage in sincere dialogue with stakeholders, build collaborative relationships that leverage each other's strengths, and pursue technological innovation that helps tackle social challenges.

Since our founding, we have directly confronted the social issues of each era, tackling them through our business activities. To maintain our status as a company trusted by society, we are committed to pursuing sustainability management and collaborating with stakeholders to realize a sustainable society.

I kindly ask for your continued support and cooperation as we work towards these important goals.