

# Minebea's Environmental Initiatives for 2050

## A Message from the Environmental Management Officer

Founded in 1951, Minebea will enter its centennial year in 2051. By 2050, the preceding year, humanity's common goal of halting global warming will either have succeeded as a result of initiatives at all levels, including the governments of every nation, private enterprise, and individual families, or the efforts made will have proven insufficient and our situation will not have improved.

From its very beginnings, Minebea has sought to and made it possible to precision-manufacture its products in an environment-friendly way. Moreover, ball bearings and small motors, our primary products, have contributed to society by conserving energy and saving resources through their efficiency and reliability.

But industry initiatives for the environment in 2050 must be speeded up even more. We must be proactive in adopting and using new technologies in our products and manufacturing processes.



To reduce CO<sub>2</sub> emissions, we will use energy-efficient facilities, equipment and processes in all phases of our manufacturing activities. We will also avoid wasteful use of materials and water resources and continue to make improvements to minimize the output of wastewater and solid waste from our plants.

At the same time, we will be proactive in developing high-efficiency motors, lighting, and energy conversion devices needed to create the infrastructure for a new society, and the control technologies and sensors that will be key to energy management of such products and devices. Additionally, Minebea is committed to the development and application of new materials, including new magnetic materials, needed to bring the aforementioned technologies to fruition.

Furthermore, we deliver products to customers only after thorough advance testing to ensure that they are safe, reliable and free of toxic substances, in order to minimize the environmental impact over the entire life-cycle of these new products, from manufacture through usage and final disposal.

Minebea has created an infrastructure and offers education so that all employees can undertake environmental activities with a clear awareness and sense of responsibility. We also periodically evaluate their activities, in order to achieve continuous improvement.

Additionally, we disclose information on our environmental activities to our customers, suppliers, local communities and global society, contributing to society in the area of environmental technology.

### Akihiro Hirao

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