

Top Commitment

Through our semiconductor business we will contribute to protection of the global environment.



Since NEC Electronics was established in 2002, the NEC Electronics Group has conducted a global business whose mission is to produce semiconductor products that contribute to the prosperity of society. Our semiconductor products are used in a wide variety of automotive and consumer electronics applications and help to make these products more energy- and resource-efficient.

However, it is a fact that the semiconductor industry consumes a great amount of energy, chemical substances, and other resources. We will endeavor not only to provide a stable supply of reliable semiconductors, which have become an indispensable part of life, but also make every effort to fulfill our responsibility to lessen the environmental impact of our business operations by using energy and chemical substances more efficiently and safely.

The year 2008 marks the beginning of the first commitment period provided by the Kyoto Protocol to the

United Nations Framework Convention on Climate Change. Between 2008 and 2012, Japan must reduce overall emissions of CO₂ and other greenhouse gases by 6% on the average. To contribute to this effort, in fiscal 2008 we focused on reducing greenhouse gases emitted on our production lines. In the semiconductor industry, PFCs account for about half of the greenhouse gases emitted by production lines. In fiscal 2008, the NEC Electronics Group, with the support of the New Energy and Industrial Technology Development Organization (NEDO), installed six equipment systems for decomposition and abatement of PFC gases. This will enable a large reduction in PFC emissions. In the future, we plan to introduce the equipment in other group factories as well. We also installed sophisticated energy-saving equipment to minimize the increase in CO₂ emissions when floor space was added in the Shiga Plant at NEC Semiconductors Kansai, and also when the line was expanded in the Oita Plant at NEC Semiconductors Kyushu Yamaguchi, both of which had

been already announced.

This effort extends to product development as well. In fiscal 2008, almost all of the new products we placed on the market were environmentally conscious products that were small and designed for low power consumption. With these semiconductor products, we are doing our part to enable our customers to manufacture products that save energy and resources.

By continuing to reduce the impact of our production lines and develop environmentally conscious products, it is our hope that we can continue to make substantial contributions to conservation of the global environment.

Toshio Nakajima
President and CEO
NEC Electronics Corporation

