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## Doing What We Can to Preserve the Beauty of Nature Forever

### Environmental Protection

We shall acknowledge the seriousness of global environmental issues and shall act voluntarily and affirmatively to protect the environment.

### COMMITMENT

Konica Minolta strives to minimize its environmental footprint. Under its environmental management policy, the Group aims not only to provide customers with products and services that are useful, but to minimize environmental impact and maximize economic value. Moreover, we comprehensively define the minimizing of environmental impact as including the global impact of all product life-cycle stages—from the selection of raw materials and components through development, manufacturing, distribution, usage, servicing, and disposal.

### APPROACH

We believe that the first step in effectively controlling complex situations is to apply “Management Based on Facts”. By obtaining dependable data on environmental situations and quantitatively measuring and analyzing these situations, we are steadily solving environmental problems.

We believe that eliminating the production of waste can help ensure environmental protection and yield economic benefits. Accordingly, we are working to identify and eradicate diverse kinds of waste—including materials, energy, activity, and time—and thereby augment operating efficiency.



## 2006 TARGETS

1. We will continue to implement optimal global warming countermeasures (CO<sub>2</sub> emission reduction measures) for manufacturing operations based on the thorough analysis of such countermeasures and their effects.
2. We will respond to the RoHS directives regarding harmful substances while accelerating the development and marketing of energy-saving products, thereby moving forward with the reduction of CO<sub>2</sub> emissions and power consumption associated with customers' use of products.
3. We will put in place zero waste disposal and comprehensive materials safety administration planning programs at our manufacturing facilities in order to reduce the volume of materials disposed of as waste and the volume of hazardous substances released into the atmosphere.



Now that Groupwide environmental management programs encompassing affiliated companies are well established at Konica Minolta, we have supplemented the key themes of these programs—"global environmental impact reductions" and "environmental impact reductions at each product life-cycle stage"—with an additional theme—"reducing overall exhaust volume regardless of increases in production volume."

**Promoting Global Environmental Management**

To quickly and efficiently promote greater environmental consideration at each product life cycle stage—from the selection of raw materials and components through the development, manufacturing, distribution, usage, servicing, and disposal—Konica Minolta has obtained ISO14001 certification for all 39 Group companies in Japan. The certification covers 241 sites at which 20,600 employees work.

In addition, because many of the Konica Minolta Group's manufacturing and marketing operations are located overseas and the Group has adopted a holding company structure, the Group has designed environmental management programs that are comprehensive, global, and Groupwide. The Group is also striving to increase the thoroughness of environmental management systems for operations in China, the United States, and Europe.

**Reducing CO<sub>2</sub> Emissions and Contributing to the Prevention of Global Warming**

As CO<sub>2</sub> emissions are believed to play a key role in global warming, reducing such emissions is as an important environmental protection objective worldwide. Konica Minolta has set the goal of reducing the total volume of CO<sub>2</sub> emissions associated with its business operations and the use of its products to 20% below the fiscal 2000 level by 2010.

To attain this goal, Konica Minolta is working to reduce the power consumption of Konica

Minolta Business Technologies Inc.'s products. For example, the induction heating technology of the image-fixing units of bizhub 750/600 MFP models use highly efficient electromagnetic induction technology to generate heat, greatly lowering the products' power consumption.

In addition, we are improving the energy efficiency of manufacturing operations by striving to raise the energy yield of fuel while reducing the energy demand of manufacturing processes.

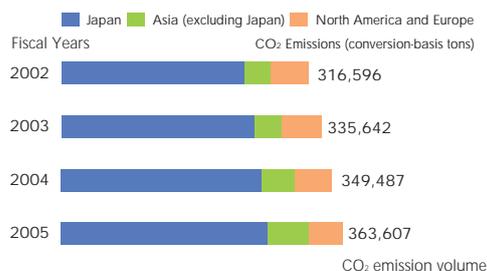
Because CO<sub>2</sub> emissions will rise along with the expansion of business operations if no countermeasures are taken, we are simultaneously implementing a diverse range of countermeasures.

**Recycling Used Products**

To promote the more-effective utilization of resources, Konica Minolta is pursuing programs for the recycling of its used products. Such programs have already been initiated in 20 European countries, Japan, and the United States, and plans call for expanding the scope of a system in which used printer toner cartridges are recovered and recycled free of charge to include four additional countries—Poland, Hungary, the Czech Republic, and Slovakia—in the near future.

Regarding MFPs, Konica Minolta recovers exterior plastic body panels in order to recycle and reuse the plastic they contain in molding new exterior panels for new MFPs. To this end, the Group has installed specialized plastic pulverizing machines at its recycling bases and strengthened its systems for

2005 Performance



The graph above shows the Konica Minolta Group's total global CO<sub>2</sub> emission volume at the manufacturing sites.



Authorization has been obtained to use the German "Blue Angel" eco-mark with respect to many Konica Minolta products. The share of Konica Minolta MFP products carrying the Blue Angel mark is extremely high, and the Group has long been a market leader in this regard.



excluding foreign objects, thereby upgrading its capability for producing recycled plastic materials of high quality.

**Zero Waste Disposal That Yields Economic Benefits**

Konica Minolta sites are making steady progress in their zero waste disposal, which aim to increase resource recycling and minimize the volume of materials disposed of as waste. On a global basis, the Group's recycling rate—or the ratio of recycled waste to total waste—has been maintained at 95%.

The Group is placing particularly strong emphasis on internal recycling programs—such as those involving the collection of raw material scrap and other waste by-products of manufacturing, including solvents, and other materials—and the recovery and reuse of those materials within the sites in which they were collected. This method enables the simultaneous reduction of global resource usage, waste volume, and costs.

**Management of Hazardous Substances and Disclosure of Related Information**

With the dual objectives of promoting greater environmental protection and worker safety, Konica Minolta comprehensively manages the chemicals it employs. To prevent the careless use of hazardous chemicals in products and manufacturing processes, the Group employs its Safety Confirmation System. When it is impossible to avoid using hazardous chemicals at manufacturing facilities, we work to minimize the amounts used and released into the

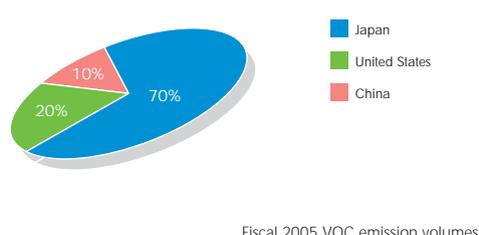
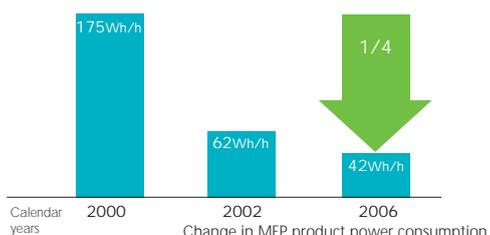
atmosphere. The total volume of hazardous chemicals released by the Group into the atmosphere in fiscal 2005 was approximately 75% lower than in fiscal 2000. Regarding products, we are compliant with the RoHS directives.

If Konica Minolta discovers an instance or risk of hazardous chemical pollution, it immediately investigates and quickly implements countermeasures while reporting the incident to local communities and government authorities. In 2005, the Group discovered pieces of glass containing thorium oxide were stored in one of its warehouses. Upon discovery, the Group scrupulously carried out procedures stipulated by its chemicals management system, implementing a thorough investigation, which found that the radioactivity levels of the items in question were not high enough to pose a danger to employees or people in nearby communities. This situation was immediately reported to Japan's Ministry of Education, Culture, Sports, Science and Technology as well as to people in nearby communities, and the report was posted on the Group's website.

Regarding soil and groundwater pollution, Konica Minolta's proactive investigations have resulted in the finding of such pollution at nine sites. Specialized teams were formed to manage these sites, where the Group is continuing to undertake remediation and periodic monitoring as well as other countermeasures. Detailed information on each of these sites has been disclosed on our website.

For more-detailed information on Konica Minolta's environmental protection efforts, please visit the Group's website at <http://konicaminolta.com/pr/eco>

-  An Eco-ice air conditioning system that uses ice to store thermal energy (Japan)
-  Japanese cranes (also known as red-crested white cranes) that Konica Minolta helps protect
-  A solvent recovery facility (Japan)
-  Geese gathered at a wetland location near a Group factory (U.S.)



Konica Minolta is among the top companies with respect to the energy efficiency of its MFP products. The bizhub 420 MFP launched in 2006 is four times as energy efficient as the Sitios 7045 launched six years previously.

The graph above shows the volume of volatile organic compounds released into the atmosphere by Konica Minolta Group manufacturing sites. As most of the volume is in Japan, the Group is placing particular emphasis on emission reduction measures in Japan.

We apply "Management Based on Facts" when implementing our environmental policy. This means, based on the analysis of data, we move steadily ahead with the identification, prioritization, and implementation of environmental protection programs.