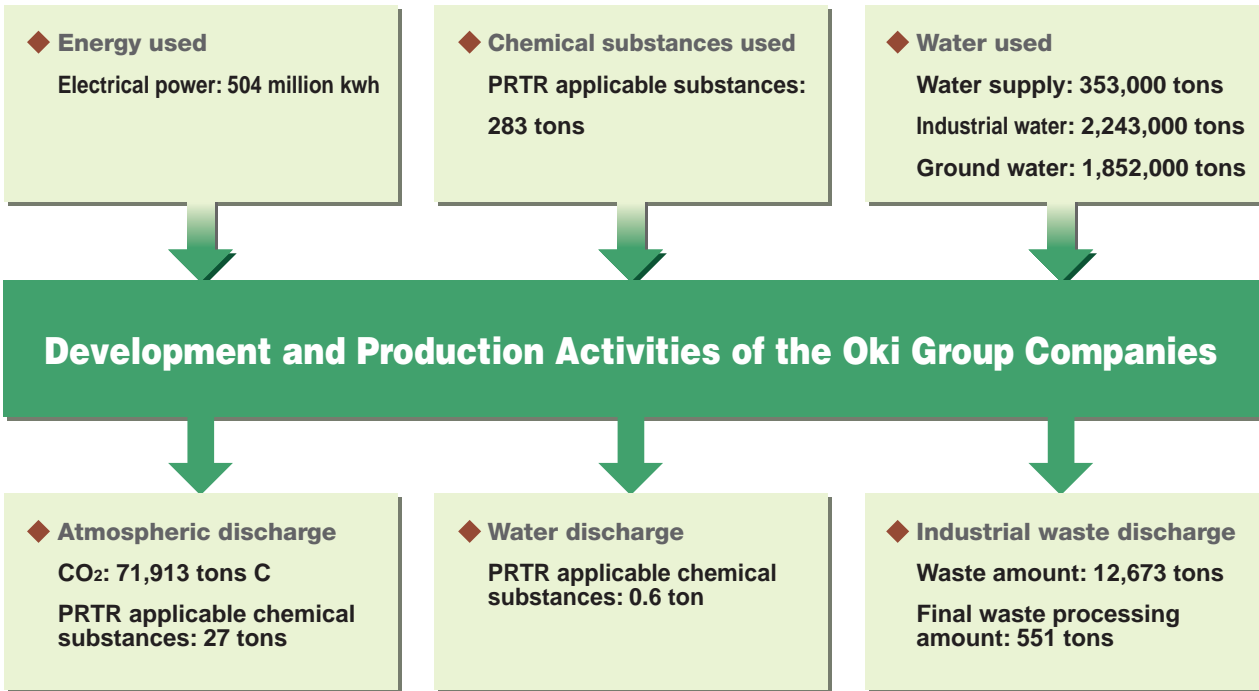


# Environmental Protection Program

## Intake of Resources and Their Disposal into the Environment

The intake of resources, for Oki's business purposes, and their disposal of waste, are shown below:



## Reduction of Industrial Waste and Reuse of Resources

Reductions in waste disposal and resource recycling are the foundations of the resources recycling society we would like to put into effect in the future.

Oki Electric has established the following reduction targets for industrial wastes (total for general wastes and industrial wastes), and activities are being conducted to achieve these targets.

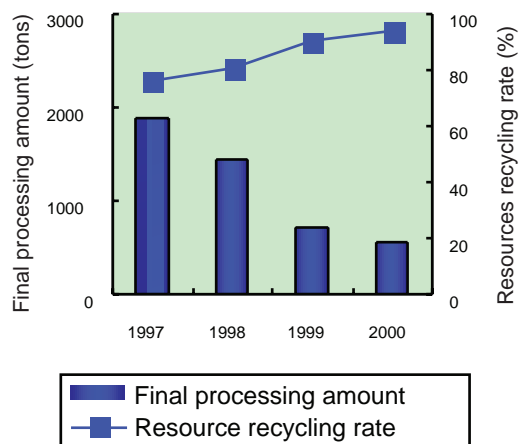
- ◆ Reduce the amount of industrial waste disposal by 70% of the total for FY1997, by the end of FY2000.
- ◆ Increase the resource-recycling rate of industrial waste materials by 90% by the end of FY2000.

### 1. Industrial Waste Disposal Reduction Records

The following three approaches were taken, to reduce the amount of wastes generated at production plants and offices:

- (1) Maintain a restraining control over the generation of waste disposal by reviewing and improving the production processes.
- (2) Attempts to route waste materials generated for reused and resource recycling.
- (3) All waste materials that must be disposed of are reduced in volume size in order to reduce the burden on the final waste processing plants.

As a result, the final processing amount of wastes in FY2000 was 551 tons, which is a reduction by 70.8% of the total for FY1997. The resources recycling rate reached 94%, thus both of the targets were achieved.



Industrial Waste Disposal and Resource Recycling Rates

# Environmental Protection Program

## 2. Production Plant Waste Disposal Reduction Activities

### Industrial wastes reduction activity

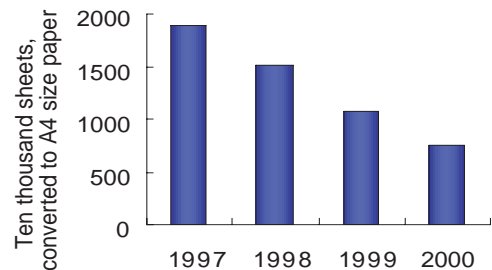
Since the recycling of waste plastic materials is difficult, thermal recycling (fuel conversion) is usually conducted. This process generates dioxins, and viewing this as a critical problem, the Oki Electric Tomioka District decided to conduct the recycling of plastic materials generated during the mold forming process in production. The district has been able to achieve a 100% recycling rate for plastic materials, by searching for recycling uses for these materials, and conducting proper quality evaluations.

Mold forming characteristics	Good				Bad		
Materials	POM Natural color	POM Colored	ABS	ABS flame resistant	ABS /PC	Altered PPHOX	Others
Internal pulverization possible	Conversion for materials	Internal recycling			External recycling (blocks and gutter lids)		
Internal pulverization impossible	External recycling (blocks and gutter lids)						

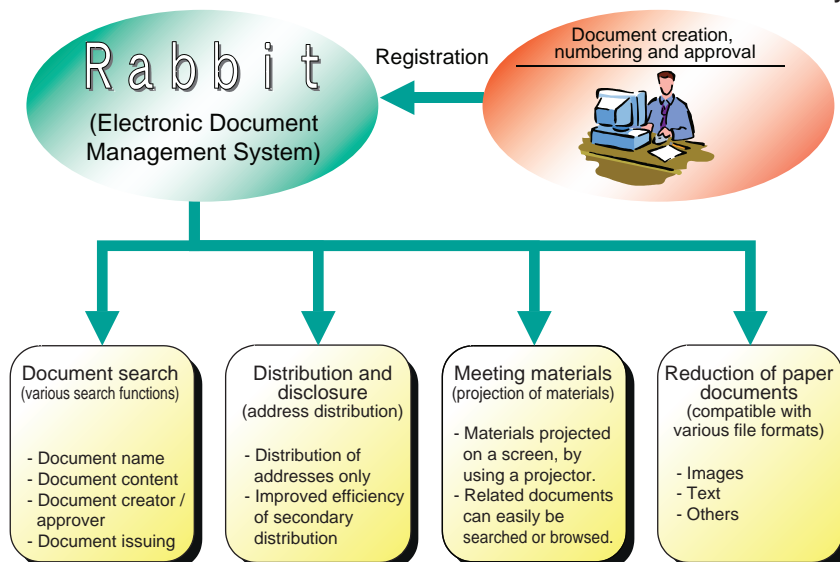
Recycling Uses for Used Plastic Materials

### Office wastes reduction activity

At all districts of Oki Electric, the "Electronic document management system" is being utilized to reduce the use of paper and disposals, thereby contributing to the conservation of forest resources. In the Tokyo and Makuhari districts, the electronic document management system (internally known as the "Rabbit") and the corporate network are being utilized effectively, and reductions in large amount of paper has been achieved.



Tokyo and Makuhari Districts Paper Usage



Overview of the "Rabbit"