

Waste reduction and zero emission

We have achieved zero emission in our sixteen domestic plants. We have been now promoting to achieve it in our remaining three plants until fiscal 2005.

We at Kubota promote zero emission of waste by reducing discharged amount of it, reusing it, and recycling it.

Goals of voluntary environmental action plan (in Kubota's plants)

Zero emission

To make the amount of landfill waste be "zero" inside and outside of our company Our goals: Cast iron products manufacturing plants and machinery manufacturing plants: by fiscal 2003 Other plants: by fiscal 2005

Definition: "Zero" means that the amount of landfill waste should be less than 1% of waste discharged, in general.

Reduction of discharged amount of waste

We reduce discharged amount of waste by 10%, compared with fiscal 2000, in fiscal 2005.

Results in fiscal 2003

Zero emission

We achieved zero emission in every cast iron products manufacturing plant and machinery manufacturing plant until fiscal 2003. (sixteen plants)

Discharged amount of waste

The discharged amount of waste in Kubota group was reduced by 24.4% compared with fiscal 2000, to 97,818 ton, in fiscal 2003.

Recycling rate of waste

As a result of effective use of waste, the recycling rate was improved by 11.3 percentage points, to 98.4%.

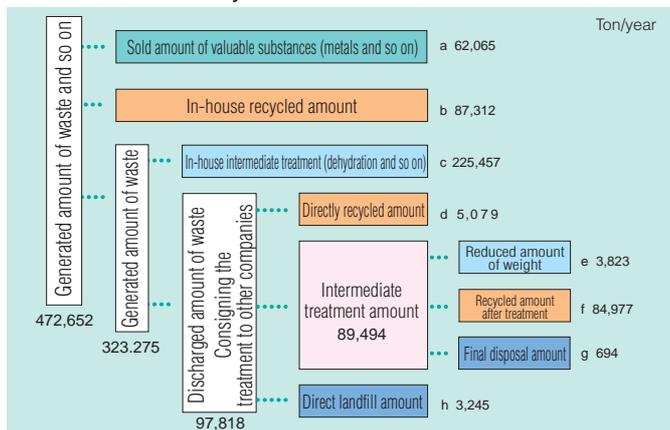
Environment promotion mid-term plan

We tackled reduction of landfill waste and discharged amount of waste in the "Voluntary environmental action plan" until fiscal 2003. As a result, we have achieved zero emission in our sixteen plants, and have excessively achieved a goal of reduction of discharged amount of waste. We are going to promote our activities, deciding new goals in "Environment promotion mid-term plan" from fiscal 2004.

Zero emission in Environment promotion mid-term plan

Period of activity	fiscal 2004 to fiscal 2005 (for two years)	
Standard year	fiscal 2003	
Goals	zero emission	Reducing discharged amount of waste by 3% a year Improving recycling rate by 1% a year

Treatment flow of recycled resources

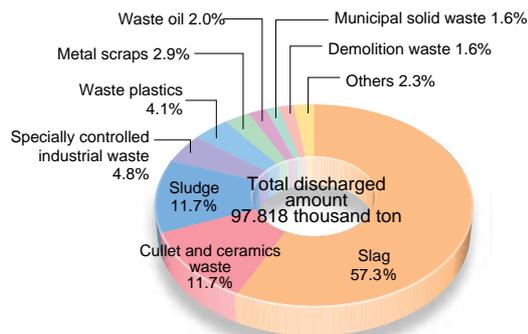


Note)
Recycling rate (%)
The amount of reducing weight, recycling after treatment, and final disposal, after intermediate treatment were examined by consigned companies.
The waste collected at distribution stage is not included.

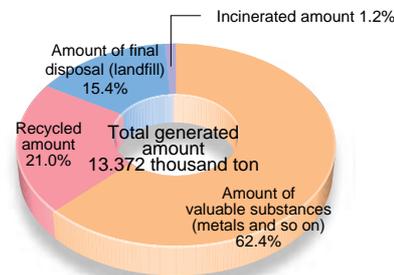
Cost reduction effect by 3R

We achieved cost reduction of approximately 200 million yen a year by the reduction of consigning treatment cost of industrial waste by reducing discharged amount of it, and reusing and recycling it, by the reduction of raw material purchasing cost, and by the sale of valuable substances.

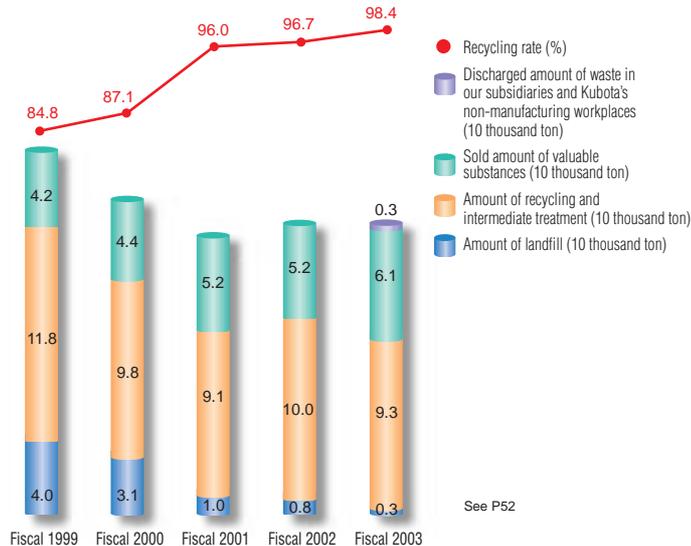
Discharged amount of industrial waste and its breakdown



Generated amount of waste in foreign plants of our subsidiaries



Transition of discharged amount of waste, sold amount of valuable substances, and recycling rate



Cost reduction effect by substance

