

## Activities for Reducing Waste Emissions

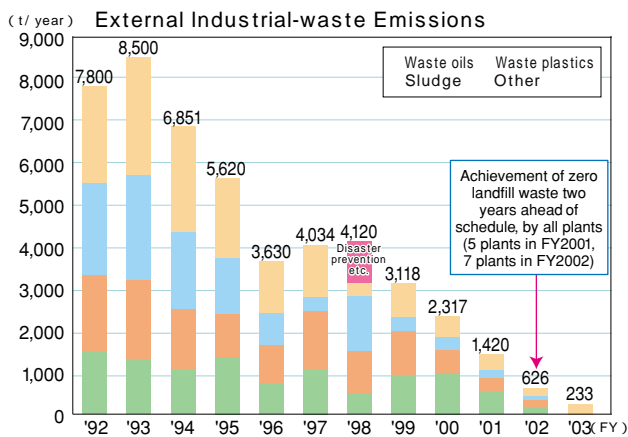
Aisin launched activities to reduce industrial waste in FY1993, and in our Third Environmental Action Plan we set the targets "All plants to be producing zero landfill-waste emissions by the end of FY2004" and "A 30% reduction in the amount of incinerated waste emitted by the end of FY2006 in comparison with FY2001." As a result of activities carried out accordingly, we met each of these targets ahead of schedule in FY2002, and we are now rolling out efforts toward achieving our new target of zero waste emissions by FY2006 -- a goal already attained at five plants in the course of FY2003.

### Zero Landfill-waste Emissions

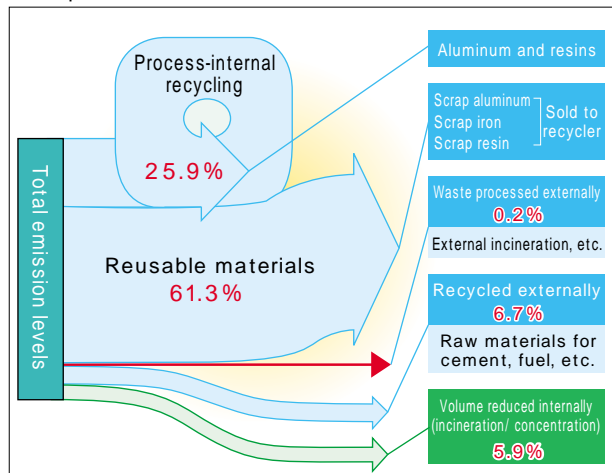
Plants which have reduced landfill-waste emissions by 95% or more from FY1998 figures are termed "plants which have achieved zero landfill-waste emissions." (This target was achieved company-wide in FY2002.)

### Zero Waste Emissions

Plants which have reduced emissions of landfill-waste materials and of waste materials disposed of by external incineration (midterm) by 95% or more from FY1998 figures are termed "plants which have achieved zero waste emissions." (We are now working toward achieving this target.)



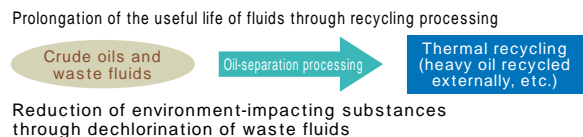
### Disposal of Waste in FY2003



### 【Main Waste-reduction Methods】

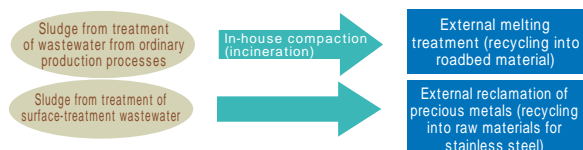
#### Reduction of Amounts of Waste Liquid Generated

We are promoting measures such as prolonging useful life through recycling processing to reduce the amounts of oil solutions, washing agents, and other types of waste that are generated. We are also working toward achieving dechlorination in order to make oils more easily recyclable.



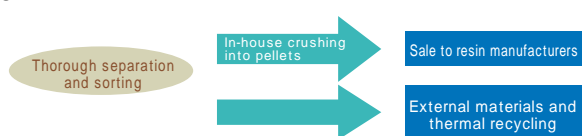
#### Reclamation of Resources from Sludge

For sludge generated at wastewater treatment sites and plants, that which contains heavy metals is subjected to material recycling, and that which does not is compacted through in-house incineration, then made into materials intended for roadbeds.



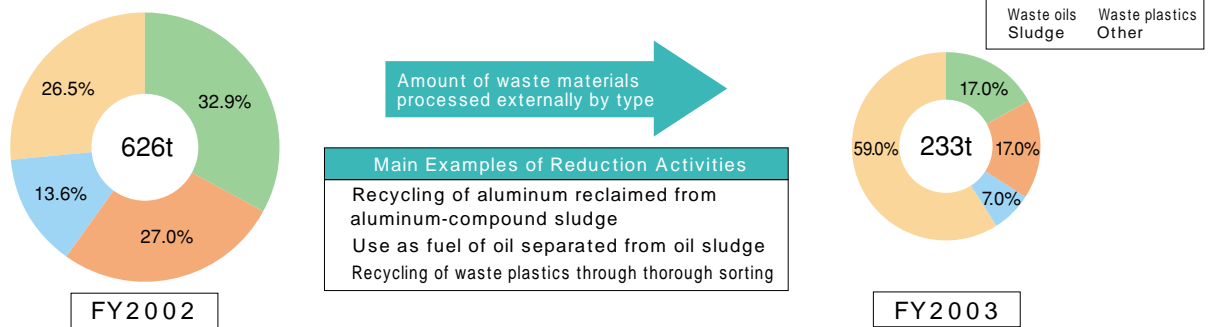
#### Reclamation of Resources from Waste Plastics

We are promoting activities in which single-type materials are crushed into pellets, then recycled, and compound materials are recycled through sorting and separation.



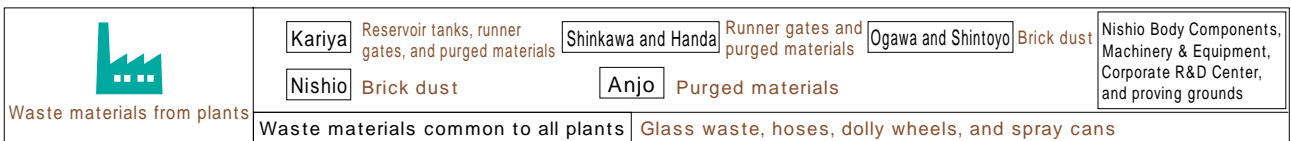


## State of the Reduction of Industrial Waste for Fiscal 2003



## Launch of Eco-center Operations

In order to reclaim resources from items that are difficult to recycle and cannot be processed using external recycling technology as well as from small-lot waste materials for which external recycling routes cannot be used, in May 2002 we inaugurated the Eco-center, a center for recycling wastes from all plants.



**Eco-center** Recycling into resources of waste materials from plants through collection, sorting, and separation

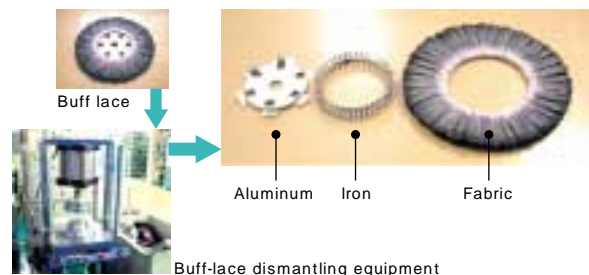


## Zero-emissions Activities

We are making company-wide efforts in resource-reclamation measures aimed at achieving our reduction targets for waste materials subject to outsourced processing (to a company-wide amount of 87 tons per year or less of industrial wastes in FY2006).

### Reclamation of Resources Through Thorough Sorting

Buffing laces for polishing were previously disposed of in landfills. We sorted these items and, after investigating their structure, developed equipment to dismantle them through trial and error, and now recycle these materials.



We established a Recycling Yard capable of thoroughgoing sorting of waste materials, established sorting criteria, and now sort and recycle all waste materials.

