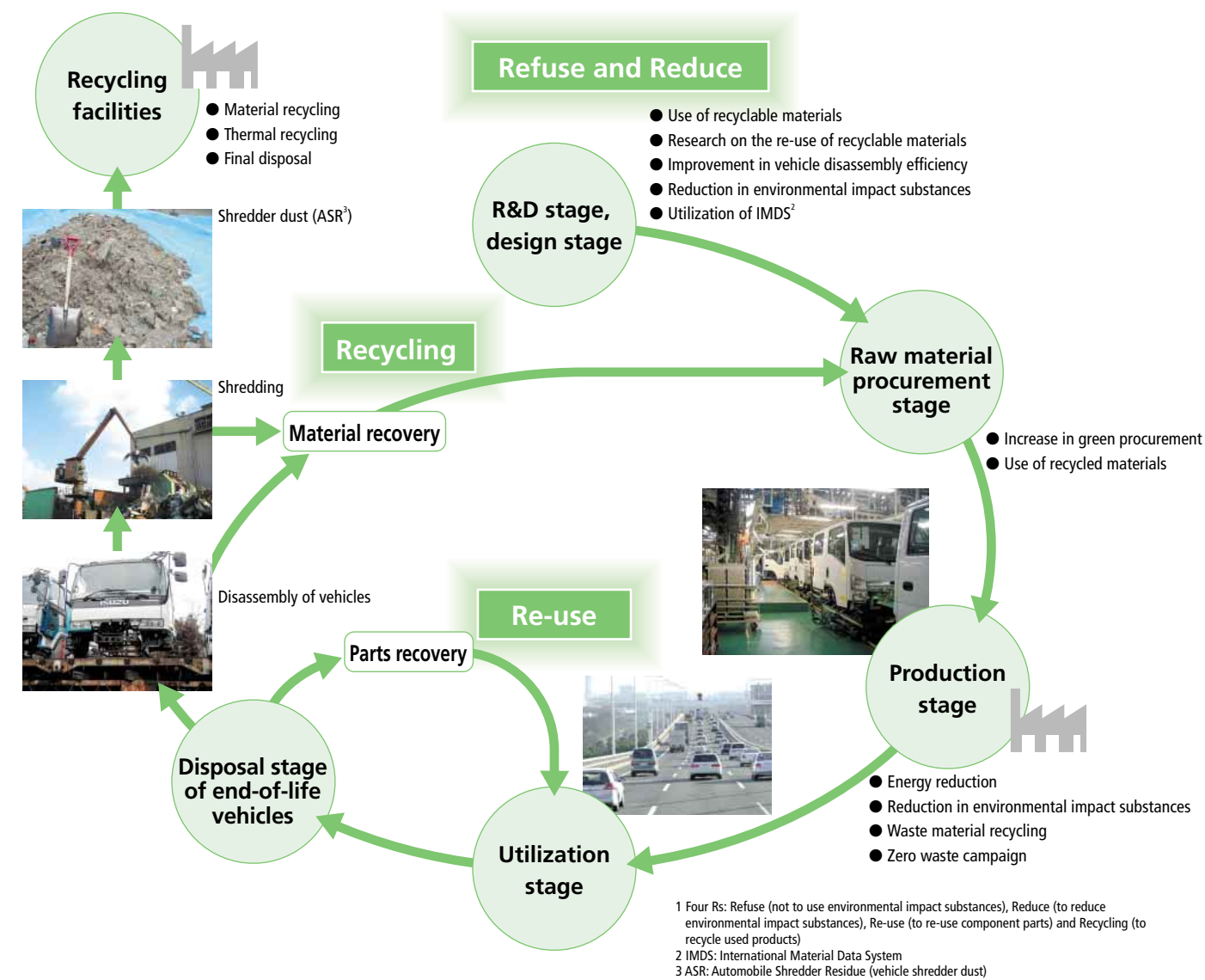


# Approach to Recycling

To help create a recycling-oriented society, Isuzu Motors is committed to promoting recycling and reducing environmental impact substances by taking into account all stages of a vehicle's life cycle from research and development to disposal and practicing the four Rs<sup>1</sup> as much as possible.

## Overview of Recycling Efforts

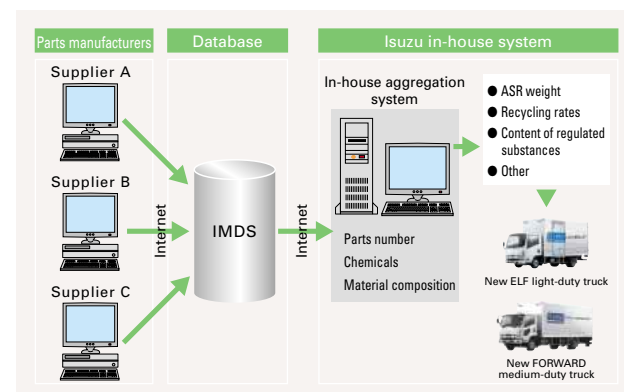


## Utilization of IMDS

IMDS refers to an international material data system aimed at collecting information (on material composition and chemicals) from parts' manufacturers. It is a new system designed for parts' manufacturers to efficiently provide information to automobile manufacturers via the Internet and for automobile manufacturers to calculate recycling rates of vehicles and collect information about the content of regulated substances.

In deciding on recycling charges for the new ELF light-duty truck and the new FORWARD medium-duty truck, we used IMDS to calculate shredder dust and improved calculation accuracy.

## Conceptual Diagram of IMDS



## Plastics Recycling Technology

Isuzu developed and used a center console box, interior equipment for trucks, partly made from plastic bumpers recovered from end-of-life vehicles. The product features a high content of products recovered from the market (52%) and the possibility of its reuse as a raw material after it is discarded. The center console box was certified with an Eco-mark by the Japan Environment Association. It was first introduced in the FORWARD medium-duty truck in May 2006, followed by the GIGA heavy-duty truck and the new ELF light-duty truck. We are currently contributing to the effective utilization of about 35 tons of waste plastic bumpers (about 11,600 pieces). Our efforts will continue to develop recycling technology aimed at making the most effective use of limited resources.



## Glass Recycling

Isuzu has started recycling glass in cooperation with automobile manufacturers, glass manufacturers and wreckers who are members of ART<sup>1</sup>. In fiscal 2006, it recovered about 130 tons of glass from end-of-life vehicles for cascade use in glass wool and horizontal recycling into glass for vehicles. Isuzu is continuing activities to realize the further recycling of glass from used vehicles by studying effective methods of glass transportation and collection through these demonstrative experiments.

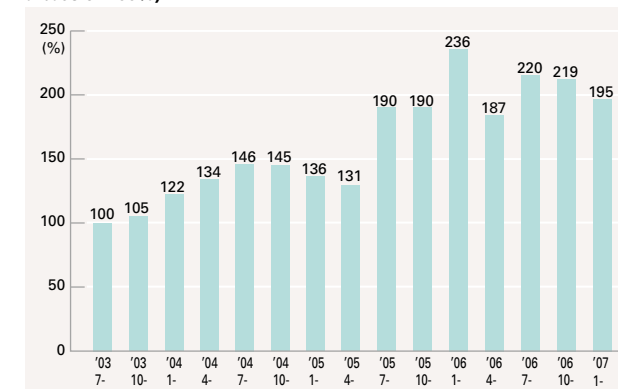


## Remanufacturing

We share information on re-manufactured parts with dealers by linking them to our in-house re-manufacturing network so that we can promote the re-use of parts from end-of life vehicles, meet the diversified needs of customers and realize prompt supply on their request.



Changes in the Shipments of Re-manufactured Parts, including Re-manufactured Engines (with the corresponding figures for the July to September 2003 period as a base of 100%)



## Complying with recycling-related laws, regulations and voluntary restraints

Isuzu joined ART in fiscal 2006 and worked positively to comply with the automobile recycling law, far exceeding its recycling rate<sup>2</sup> target. On environmental impact substances (hazardous substances such as lead, mercury, hexavalent chromium and cadmium), Isuzu achieved the targets of the Japan Automobile Manufacturers Association, Inc. for all its vehicles. The new ELF became a more environmentally friendly truck by obtaining a lead reduction goal as high as that for passenger cars. As for mounted equipment, Isuzu is contributing to the promotion of recycling by providing related information through JAMA to allow appropriate treatment or recycling of waste materials as necessary, while at the same reducing environmental impact substances.

Item	Recycling rate	Standard value <sup>3</sup>
ASR	72.6%	30% or more (FY2005-2009)
Air bag	94.2%	85% or more

1. ART: Automobile Shredder Residue Recycling Promotion Team consisting of Isuzu and 10 other auto manufacturers to recycle shredder dust (automobile shredder residue) properly, smoothly, and efficiently.  
2. Amount considered thermal-recycled or material recycled/Input  
3. Standard values set by the Automobile Recycling Law