

## 【Logistics Streamlining】

# Logistical improvement prevents global warming

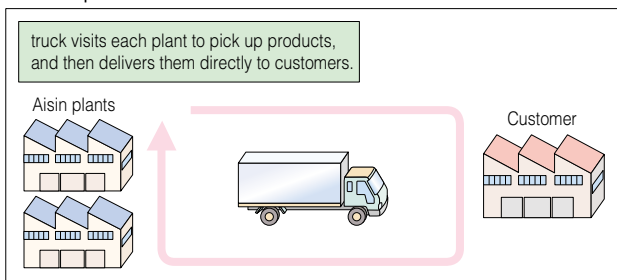
Aisin incorporates environmental considerations into the logistical phase of products and parts. One of the measures is to prevent air pollution through efficient transport systems, and the other measure is to reduce the use of resources by improving packing materials.

### Efficient Transport Systems

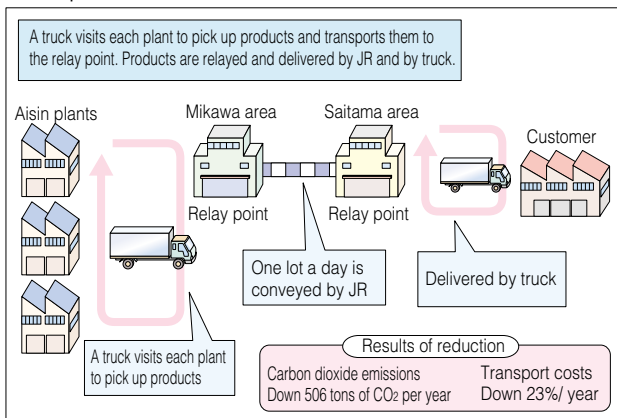
We work towards improving short- and medium-distance distribution systems by reducing the number of trucks through improving loading ratios and shortening the distance of conveyance using extended expressways (Isewan Coastal Road). For long-distance distribution systems, we are gradually switching our transport system to a low-emission mode (modal shift), while we compare the balance between carbon dioxide emissions and transport costs. We started switching to the modal shift for the Kyushu route in FY 1996 and completed the switchover to the Saitama and Gunma routes in FY 2004. Basically, we plan to extend the switchover to the modal shift to areas where the transport costs are equivalent to the trucking costs before the improvement. One of the switchovers to the modal shift is described below.

#### JR transport for Saitama Route

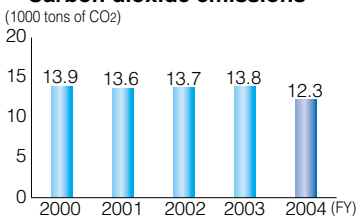
Before improvement



After improvement



#### Carbon dioxide emissions



••• Modal shift ••• To change the methods of transporting products

### Improving Packing Materials

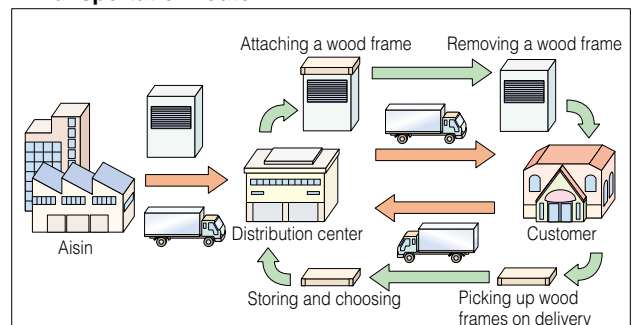
We have been working towards reducing packing materials, especially those used for exported items. In FY 2004, in addition to our continued efforts to reduce packing materials for exported items, we also proceeded with activities to reuse packing materials for domestic businesses. One of the cases is shown below.

#### Reusing wood (ceiling) frames for packing GHP compressors



- Major activities**
- Setting routes for returning the wood frames
  - Securing a storage place in the distribution center for returned wood frames and choosing a wood frame

#### Transportation route



#### The amount used for packing materials

