

# Environmental Considerations in Distribution

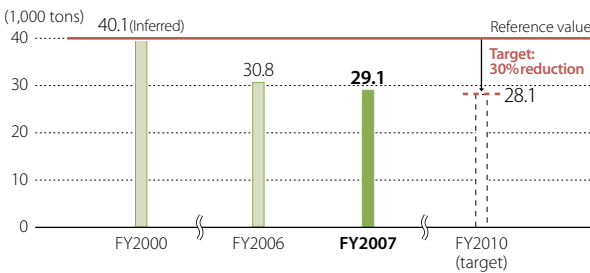
Promoting efficiency and rationalization in distribution that keeps the whole supply chain in view and striving to reduce the environmental load due to distribution

## Reduction of Distribution Associated CO<sub>2</sub> Emissions

We promote Green Logistics Activities which strive to reduce CO<sub>2</sub> emissions associated with transportation by coordination between the distribution divisions of all group companies and cooperation between manufacturing and sales divisions. Furthermore, we take advantage of partnerships with our business partners and strive to reduce the environmental load associated with distribution across the whole supply chain.

In our Stage V Environmental Protection Program, we established the goal of reducing the CO<sub>2</sub> emissions associated with transportation by 30% compared to fiscal 2000 by the end of fiscal 2010. In addition to aiming for a modal shift, in aiming for the achievement of this goal, the Fujitsu Group is continuing with its efforts such as increasing the loading efficiency.

### Trends in CO<sub>2</sub> Emissions from Transportation (Fujitsu)



## Expanding the Application of Modal Shifts

We are working to achieve a modal shift in transportation of PCs to Korea. In July 2007, we opened a new route that starts at Shimane Fujitsu, ships product by rail to Shimonoseki, and then transports by ship to Pusan. This route uses 12-foot railroad containers and is aimed at reducing CO<sub>2</sub> emissions by using both railroad and sea transportation efficiently.

We are also striving to reduce CO<sub>2</sub> emission in the transport of semiconductors and repair parts for PCs by lowering the percentage of air freight used.

## Personal Systems Business Unit Acquires Eco Rail Mark Certification

Fujitsu's Personal Systems Business Unit has received Eco Rail Mark certification, which recognizes products and businesses



that proactively work to solve global environmental problems by taking advantage of rail freight transportation. We displayed the Eco Rail Mark in our catalog of PCs for corporate customers which was published in April 2008.

## Reducing the Number of Trucks

As a result of reviewing our domestic PC transport routes and improving cargo loading methods (increasing the number of layers stacked), we have reduced the CO<sub>2</sub> emissions associated with transport of PCs within Japan by about 8%. Furthermore, by moving forward with our production reform activities at the Nasu plant and Shimane Fujitsu, we have eliminated external warehousing and now store and ship products from within these plants. This has reduced the amount of transport between factory and warehouse.

## Reception of the Minister of Economy, Trade and Industry Award

We implemented a CO<sub>2</sub> reduction effort based on unified concentrated vehicle assignment control from part procurement to product shipment, which was a model business for our fiscal 2006 Green Logistics Partnership Projects. We received the Minister of Economy, Trade and Industry Award for this effort in December 2007.

In this effort, in addition to companies throughout the whole supply chain cooperating to improve the efficiency of distribution, we also constructed a leading-edge tool that automatically calculates CO<sub>2</sub> emissions from measurement data from vehicle mounted terminals and detailed transport data. Furthermore, we worked to advance multiple efforts, such as eliminating and consolidating of distribution centers and converting distribution information to data. This award recognized these efforts.

## Reduction of Environmental Load Associated with Distribution

To reduce the environmental load of the distribution process as a whole, we are promoting 3R efforts in packaging for both products and parts.

## Use of Special-Purpose Returnable Containers for Semiconductors

We have achieved elimination of external cardboard boxes and reuse of shock absorbing materials by using small returnable containers and a significant reduction in the use of packing materials in the shipment of semiconductor devices within the Fujitsu Group.



Special-purpose returnable containers for semiconductor devices and their use at Fujitsu IT Products, Ltd.

With Our Customers

With Our Employees

For Our Shareholders and Investors

With Our Business Partners

With Local and International Communities

For the Environment