

Environmental Considerations in Distribution

We are promoting the rationalization and streamlining of distribution while keeping the whole global supply chain in mind. We are also working to reduce the CO₂ emissions associated with distribution.

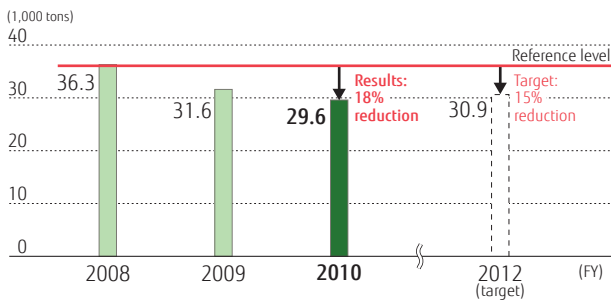
Promoting Global Green Distribution

We are working on Green Logistics Activities which strive to reduce CO₂ 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 burden associated with distribution across the whole supply chain.

Our goal was to reduce CO₂ emissions in domestic distribution by 11% compared to FY 2008 by the end of FY 2012 as proposed in the Fujitsu Group Environmental Protection Program (Stage VI). However, by expanding modal shifts and reducing the number of trucks, we were able to achieve an 18% reduction (this includes fluctuations in amounts distributed and the effects of the March 2011 earthquake) compared to FY 2008 in FY 2010. We have therefore increased our target for FY 2012 to a 15% reduction compared to FY 2008.

We have also started to measure the CO₂ emissions in international transportation and the transportation CO₂ emissions at overseas sites and thus are promoting green distribution activities globally.

Trends in CO₂ Emissions from Transportation (Fujitsu Group)



Expanding Modal Shifts

We are working to reduce CO₂ emissions using modal shifts and are promoting effective activities based on rail transport and switching from air to surface transport. In FY 2010 we promoted such modal shifts for personal computers, cell phones, and purchased materials.

As a result of increasing our use of rail transport, we acquired Eco Rail Mark certification as established by the Japanese Ministry of Land, Infrastructure, Transport and Tourism and the Railway Freight Association in March 2011.



エコレールマーク
Eco Rail Mark

PCs

In August 2010, we switched from trucks to rail for transport of notebook personal computers for corporate customers and some maintenance parts shipped from Shimane Fujitsu Ltd. to the Tokyo distribution center. We implemented this by coordination between the factory and related divisions and moving up shipment times.

Purchased Materials

From May 2010, we changed our method of transporting purchased imported materials from Tokyo Bay to Fujitsu Isotec Limited. In addition to the earlier 20-foot containers, we also changed from truck transport to rail transport for the 40-foot sea-going containers. This was because we are participating in the Ministry of Land, Infrastructure, Transport and Tourism's Rail Transport Model Business program and implemented this effort jointly with the Japan Freight Railway Company.

TOPICS

Receiving Minister of the Environment's Award

We received the 2010 Minister of the Environment Award for the Prevention of Global Warming* sponsored by the Ministry of the Environment for reducing CO₂ emissions through modal shift.

This award reflects the fact that we were given high marks for significantly reducing transportation CO₂ emissions by aggressively adopting modal shifts in cooperation between distribution companies and our related divisions and by implementing a consistent system from materials procurement through product shipment.

* 2010 Minister of the Environment Award for the Prevention of Global Warming: This award, established in FY 1998, is awarded every year as part of the Ministry of the Environment's promotion of global warming countermeasures to an individual or group that achieved distinguished results in preventing global warming.

Adopting Hybrid Vehicles

Starting in November 2010, we switched over to hybrid vehicles for the trucks owned by a cooperating transportation company used solely by Fujitsu for mail and package delivery in the Tokyo metropolitan area. These vehicles, equipped with ecological tires and Fujitsu in-vehicle terminals, reduce CO₂ emissions by improved fuel efficiency.



Newly adopted hybrid vehicle

Drawing up the Fujitsu Group Green Logistics and Procurement Direction

We have formulated the Fujitsu Group Green Logistics and Procurement Direction, which specify our basic approach to green distribution and the matters we require of our suppliers. We will work to protect the global environment along with our suppliers through distribution activities based on this procurement direction.



Fujitsu Group Green Logistics and Procurement Direction (in Japanese) <http://jp.fujitsu.com/about/csr/eco/products/logistics/guide.html>