

Top Message	Interview to Head of Corporate Environmental Strategy Unit	Special Feature: The Power of ICT	Fujitsu Group Environmental Action Plan Stage VII	Chapter I Contribution to Society	Chapter II Reducing Our Environmental Burden	Environmental Management	Data Overview
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Reducing Greenhouse Gases (GHG) Emissions and Boosting Energy Intensity at Our Business Sites	Promoting Environmentally Conscious Datacenters	Reduce CO₂ Emissions from Logistics and Transportation	Promoting CO ₂ Emission Reductions with Our Business Partners	Increasing Amounts of Renewable Energy Used	Efficient Use of Water Resources	Reducing Chemical Substances Emissions	Limiting Amounts of Waste Generated	Product Recycling
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Reduce CO₂ Emissions from Logistics and Transportation

Our Approach

Given the broad geographical range of Fujitsu Group companies and business sites inside and outside Japan, and the materials/parts sourced from a significant number of business partners, reducing CO₂ emissions accompanying the logistics and transportation activities of the Group is a priority issue.

To this end, the Group has strengthened its targets for CO₂ emission reductions from domestic transport. Furthermore, our Environmental Action Plan (Stage VII) has expanded the scope of reductions beyond domestic targets to transport within regions overseas, as well as international transport, while the Plan is also driving forward rationalization and efficiency improvements in global logistics. In addition, the Group is working toward lowering environmental impacts along our entire supply chain, and working on cooperative efforts with business partners, such as displaying copies of the Fujitsu Group Green Procurement Direction, in order to strengthen our partnerships. Lastly, as an initiative in our distribution process overall, the Group is devoting effort to the 3Rs (Reduce, Reuse, Recycle) with respect to packaging products and materials/parts.

Summary of FY 2013 Achievements

Targets under the Fujitsu Group Environmental Action Plan (Stage VII) (toward FY 2015)	Reduce CO ₂ emissions per sales from logistics over 4% (compared to FY 2011)
FY 2013 Targets	Reduce CO ₂ emissions per sales from logistics over 2% (compared to FY 2011)
FY 2013 Key Performance	Reduced CO ₂ emissions per sales from logistics by 32% (compared to FY 2011)

Overview of Initiatives

Promoting Initiatives in Domestic, Overseas Local, and Overseas International Transportation

With regard to the Group's transportation inside Japan, we are effectively utilizing rail transport and shifting from air to ground transport as an ongoing modal shift initiative. In addition, relaxing specific delivery times and making transport boxes more compact has led to increased truck loading efficiency rates and a decreased number of trucks.

Modal shift endeavors are also being implemented in international and overseas local transportation. The Group is shifting from air to ocean transport, shortening transport distances, raising container loading ratios, and engaging in other efforts such as reducing the amount of air transport.

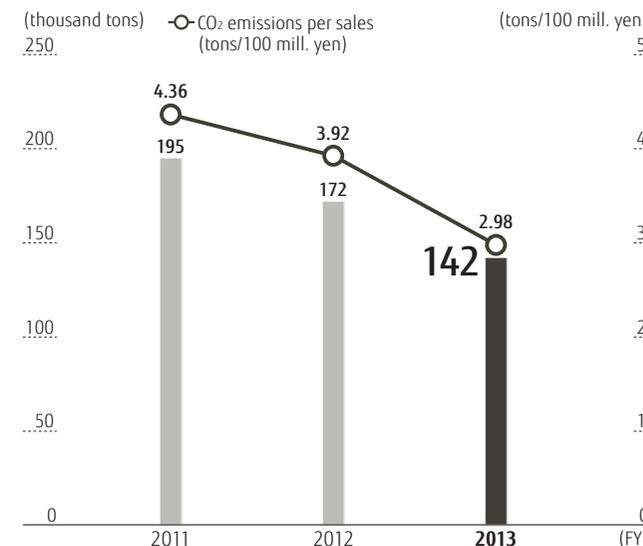
FY 2013 Performance and Results

Results Broadly Surpassed Targets

FY 2013 CO₂ emissions from transport were 142,000 tons. Of that amount, 25,000 tons were from domestic transport, while 117,000 tons were from international and overseas local transport. CO₂ emissions per sales were reduced 32% compared to FY 2011, which broadly surpassed our Environmental Action Plan (Stage VII) targets.

Major contributors to this achievement were a 22% reduction from expanded shifts from air to ocean transport in our overseas transport practices and a 10% reduction from reassessing the GHG protocol coefficient used in our calculations.

Trends in CO₂ Emissions from Transport



FY 2014 Targets and Plans

Setting New Targets and Pushing Forward

Given our achievement of FY 2013 targets, the Fujitsu Group reassessed its targets from FY 2014 to FY 2015.

We set a new target to "reduce CO₂ emissions per sales from transport over 1% (on average) compared to FY 2013" and will promote green logistics throughout the Group.

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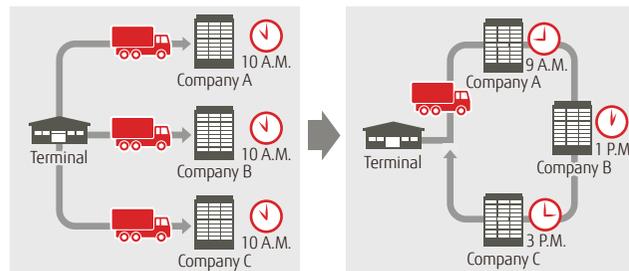
Report on Main Activities in FY 2013

Reducing the Number of Trucks Used for Domestic Shipments

Fujitsu cooperated with its Sales Unit to relax specified delivery times to customers with regard to network products (base stations) shipped domestically. Rather than specifying A.M. delivery, we switched to delivery “within the day.” This resulted in the better patterns for truck loading and a reduced number of trucks used.

In addition, we were able to all but eliminate specified delivery times of corporate PCs to customers of Fujitsu Isotec Limited (in Fukushima Prefecture) and Shimane Fujitsu Limited (in Shimane Prefecture). Negotiations with customers minimized the number of individual charter shipments. With regard to consumer PCs, we also strove to reassess delivery times and limit the number of trucks used.

Relaxing Specified Delivery Times to Reduce Truck Numbers



Promoting and Expanding Modal Shifts

The Fujitsu Group is working to reduce CO₂ emissions through an ongoing modal shift. This entails effectively utilizing rail transport and shifting from air to ground transport.

Our rate of modal shift (the rate of rail usage for transport) within Fujitsu domestically as of March 2011 topped 15%, for which we received the Eco Rail Mark certification, as defined by the Railway Freight Association and the Ministry of Land, Infrastructure, Transport and Tourism. In 2013 as well, we continued to hold the certification.



Eco Rail Mark

At Fujitsu Ten Limited, we are working to reduce transport CO₂ emissions through a modal shift in international transport, by for example, switching from air transport to ocean ferry transport between our Chinese plant and Japan. Ocean ferry transport has a lower environmental burden than air transport and also carries half the cost. In addition, compared to typical ocean container shipping, we are able to ship the cargoes at the half lead time than ordinary shippings. Utilizing ocean ferry shipments realized efficiencies both economically and environmentally.

Reducing Packaging Materials through Downsizing Efforts

To reduce the whole environmental burden of the distribution process, the Fujitsu Group are promoting 3R efforts for packaging products and parts.

At Fujitsu Isotec Limited, we downsized boxes for PC servers by using dedicated boxes in place of the previous ones shared with other equipment, which led to reductions in packaging material. In addition, for ODM* laptop computers made overseas, downsizing boxes helped reduce the usage volumes of cardboard, cushioning, and other packaging.

* ODM: An abbreviation for Original Design Manufacturer, refers to work, from product design to manufacturing, carried out under another company's brand. OEM (Original Equipment Manufacturer), on the other hand, refers to subcontracted manufacturing.



Dedicated PC server boxes (returnable containers) that can be reused