

# Fujitsu Group Environmental Protection Program (Stage VI) to Strengthen Our Global Environmental Activities

## Establishing New Targets for Environmental Programs Between FY2010 to FY2012

In April 2010, we created Fujitsu Group Environmental Protection Program (Stage VI) to run from fiscal 2010 to the fiscal year ending March 31, 2013 (FY2012).

The program is based on the three targets established in the Green Policy 2020 of benefiting customers and society, pursuing internal reforms, and preserving biodiversity, and defines six key areas: strengthening advanced green ICT R&D, improving the environmental value of products and services and strengthening the development and provision of green ICT, strengthening efforts to reduce the environmental burden from the Group itself, strengthening our foundation for environmental management, promoting activities that make environmental contributions to society, and promoting activities that preserve biodiversity. Moreover, we have established a further 18 items to serve as specific program targets.

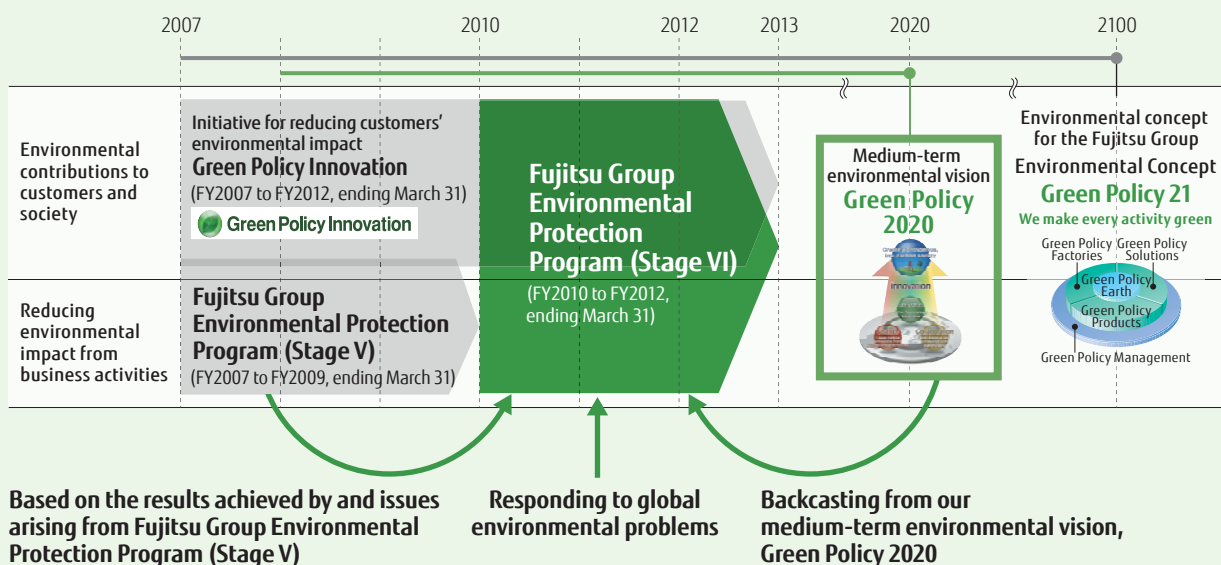
## Aiming to Resolve Environmental Problems From a Global and Long-Term Perspective

Fujitsu Group Environmental Protection Program (Stage VI) has been created based on the backcasting of our Green Policy 2020—our medium-term environmental vision—and also the global environmental problems of recent years' such as climate change and vanishing biodiversity. In the Program, we have newly positioned "strengthening advanced ICT R&D" and "promoting activities that protect biodiversity" as our two priority areas.

Moreover, we have created the following new targets for the Program: advanced ICT R&D; based on scientific findings and forecasts until 2020, a 6% reduction in global greenhouse gas emissions from our business activities by the end of fiscal 2012 compared to fiscal 1990; and the creation and management of quantifiable targets to measure our business activities' impact on and contribution to biodiversity.

- Targets of Fujitsu Group Environmental Protection Program (Stage VI)  
<http://www.fujitsu.com/global/about/environment/management/program/stage6/>
- Press Release: Fujitsu Announces Fujitsu Group Environmental Protection Program (Stage VI)  
<http://www.fujitsu.com/global/news/pr/archives/month/2010/20100415-01.html>

## Fujitsu Group Environmental Protection Program (Stage VI) Concept



Fujitsu Group Environmental Protection Program (Stage V)	Fujitsu Group Environmental Protection Program (Stage VI)	Green Policy 2020
<b>Priority Areas</b> <ul style="list-style-type: none"> <li>•Improving the Environmental Value of Products and Services</li> <li>•Global Warming Countermeasures</li> <li>•Reinforcing Governance</li> <li>•Reinforcing Risk Management</li> <li>•Environmental Contributions to Society</li> </ul>	<b>Priority Areas</b> <ul style="list-style-type: none"> <li>•<b>Strengthening advanced green ICT R&amp;D (new)</b></li> <li>•Improving the environmental value of products and services, and enhancing the development and delivery of green ICT</li> <li>•Enhancing efforts to reduce the Fujitsu Group's environmental footprint</li> <li>•Strengthening environmental governance</li> <li>•Promoting environmental contributions to society</li> <li>•<b>Promoting efforts to preserve biodiversity (new)</b></li> </ul>	<b>Three goals</b> <ul style="list-style-type: none"> <li>Benefitting customers and society</li> <li>Pursuing internal reforms</li> <li>Preserving biodiversity</li> </ul>

## Fujitsu Group Environmental Protection Program (Stage VI)

Green Policy 2020 Three targets	Action plan Item	Item Breakdown	Targets (FY 2010)	Targets (FY 2011)	Targets (FY 2012)
Benefiting customers and society	Strengthening advanced green ICT R&D	<b>Strengthen advanced green ICT R&amp;D</b> •Develop technologies for next-generation datacenters and networking that will double overall efficiency of ICT products by end of FY2012. •By end of FY2012, more than 35% of all technology developed will be solutions for reducing the burden on the environment.	•1.2 times •25%	•1.5 times •30%	•2 times •35%
	Improving the environmental value of products and services, and enhancing the development and delivery of green ICT	<b>Develop &amp; deliver green ICT to contribute to customers and society</b> Provide green ICT that will reduce cumulative CO <sub>2</sub> emissions by 15 million tons over FY2009–12 period.	5.26 million tons	9.55 million tons	15 million tons or more
		<b>Develop and provide Eco-friendly products (Super Green products)</b> With respect to newly developed green products in all departments, Super Green products that contribute to reduced environmental footprints through low energy and resource demands must comprise 30% by end of FY2012.	10% or more	20% or more	30% or more
		<b>Develop and provide Eco-friendly products (environmental efficiency factors)</b> With respect to newly developed green products in all departments, the environmental efficiency must be raised to 2.5 times the FY2008 value by end of FY2012.	Raise to 1.5 times	Raise to 2 times	Raise to 2.5 times
		<b>Promote product recycling</b> Sustain 90% resource reuse rate of business ICT equipment globally at Fujitsu recycling centers.	Sustain 90%	Sustain 90%	Sustain 90%
		<b>Develop and provide environmental solutions</b> •Promote the development and provision of environmental solutions in all areas, including industry, transport, business, households, and energy conversion sectors. •Expand provision of environmental solutions in major regions, including Japan, Europe, Americas, and Asia/ Pacific.	Departmental and regional coverage rate: 70%	Departmental and regional coverage rate: 85%	Departmental and regional coverage rate: 100%
Pursuing internal reforms	Enhancing efforts to reduce the Fujitsu Group's environmental footprint	<b>Reduce greenhouse gas emissions</b> Reduce total greenhouse gas emissions associated with manufacturing globally to 6% below FY1990 levels by end of FY2012 (CO <sub>2</sub> : 5% reduction, other greenhouse gases: 20% reduction).	2.5% reduction	2.6% reduction	6% reduction
		<b>Reduce greenhouse gas emissions (renewable energy)</b> Increase use of renewable energy sources to 3 times FY2007 levels by end of FY2012.	2.7 times	2.7 times	3 times
		<b>Reduce CO<sub>2</sub> in transport and distribution</b> Reduce CO <sub>2</sub> emissions from domestic transport to 11% below FY2008 levels by end of FY2012.	9% reduction	10% reduction	11% reduction
		<b>Promote business partners greenhouse gas reduction</b> Promote procurement from business partners that limit or reduce greenhouse gas emissions.	60% materials suppliers' procurement rate (no. of companies' rate)	80%	100%
		<b>Factory improvements (chemicals)</b> Reduce output of priority chemicals to 10% below FY2007 levels by end of FY2012.	4% reduction	7% reduction	10% reduction
		<b>Factory improvements (waste)</b> •Reduce waste generation to 20% below FY2007 levels by end of FY2012. •Maintain zero waste emissions at factories in Japan.	11% reduction	13% reduction	20% reduction
		<b>Office improvements</b> Achieve four-star rating or better under the Green Office plan for every office by end of FY2012.	Japan: trials using new standard Internationally: field survey	Japan: 70% Internationally: draft evaluation standards	Japan: 100% Internationally: trial implementation
	Strengthening environmental governance	<b>Continuously improve globally integrated environmental management systems</b> •Promote further ICT deployment for environmental management, build smart environmental management systems. •To improve environmental performance, by the end of FY 2012 we intend to apply a framework of assessments for the extent of target achievement and the compliance situation of 100% of Group main domestic production companies.	•Customization and trial of remote communications •Establishment of performance assessment procedures	•Block application rate: 50% •Trial implementation	•Block application rate: 75% •Expand as far as domestic manufacturing group companies
		<b>Promote environmental management through communications with stakeholders</b> Promote environmental communication at all levels to improve environmental management	Improved communication of environmental information	Improved communication of environmental information	Improved communication of environmental information
	Promoting environmental contributions to society	<b>Increase environmental awareness among all staff through community-based environmental actions</b> •Launch Act-Local-System by end of FY2010 to globally share information on social contribution activities around the world. •Sustain environmental social contributions activities around the world and promote activities that will contribute more to local communities through utilizing Act-Local-System.	•Implementation at all business sites •Construction and management of a domestic network, Construction and management of an international network	•Implementation at all business sites •Management of the domestic network, Management of the international network	•Implementation at all business sites •Management of the domestic network, Management of the international network
Preserving biodiversity	Promoting efforts to preserve biodiversity	<b>Reduce impact of company's operations on biodiversity</b> •Develop numerical indicators to measure impact of operations on biodiversity and build system to expand contribution of ICT to reducing that impact.	•Construction of the Fujitsu Group BD integration index to evaluate impact on biodiversity •60% materials suppliers' procurement rate (no. of companies' rate)	•1.5% reduction in level of impact (in main business areas) compared to FY2009 as evaluated by the BD integration index •80%	•3% reduction in level of impact (in main business areas) compared to FY2009 as evaluated by the BD integration index •100%
		•Promote procurement from business partners that work to preserve biodiversity.			
		<b>Contribute to community-building that preserves biodiversity</b> •Build case studies that contribute to biodiversity through ICT in all major offices by end of FY2012. •Conduct biodiversity preservation/education programs in all offices by end of FY2012.	•Implementation of survey to construct a model to contribute to biodiversity •Japan: once a year Internationally: once every three years	•Pilot project based on survey results •Japan: once a year Internationally: once every three years	•Development at main business sites •Japan: once a year Internationally: once every three years

\* Products with the highest level for both "Energy savings," and "Other Areas (resource savings etc.)", where standards were significantly raised in the Environmental Protection Program (Stage V)