

Top Message

Interview to Head of Corporate
Environmental Strategy Unit**Special Feature 1: Fujitsu Group
Environmental Action Plan Stage VIII**Special Feature 2:
Digital InnovationChapter I
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Reducing Our Environmental BurdenEnvironmental
Management

Data Overview

Fujitsu Group Environmental Action Plan (Stage VIII)

Features of Environmental Action Plan (Stage VIII) (1)

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Special Feature 1: The Focus of the Fujitsu Group Environmental Action Plan Stage VIII

The Fujitsu Group has formulated environmental targets for FY 2016 to FY 2018 under Fujitsu Group Environmental Action Plan (Stage VIII). Below is an introduction to key points of the new action plan, which aims to expand our contribution to customers and society and to reduce greenhouse gas emissions along the entire value chain, amid an increasingly pressing need for responses to social and environmental issues.

Special Feature 1 | The Focus of the Fujitsu Group Environmental Action Plan Stage VIII

Fujitsu Group Environmental Action Plan (Stage VIII)

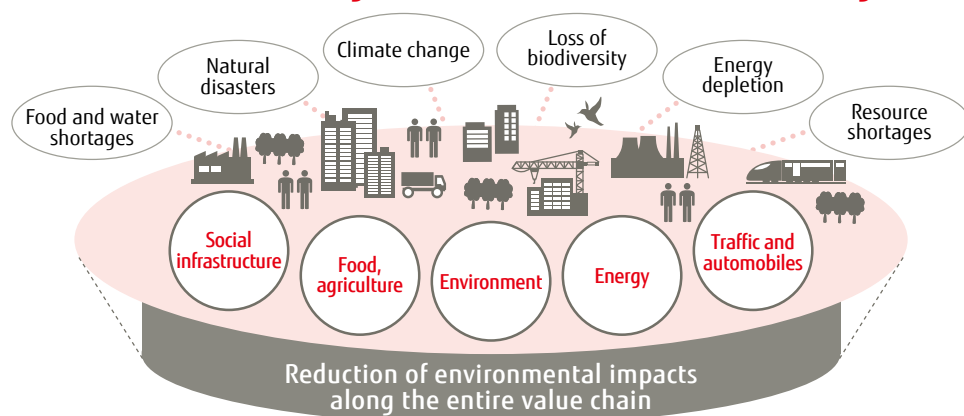
The Fujitsu Group views contribution to global sustainability as one of the responsibilities that a company bears. Under this belief, since 1993 we have formulated environmental action plans and have expanded activities aimed at continuously reducing environmental impacts.

Today, globally shared targets to resolve complexly intertwined social and environmental issues are being put forth. These include the SDGs adopted by the UN and the Paris Agreement agreed upon at COP21. Private companies, too, are under increasing expectations to undertake solutions more actively.

Against this background, the Fujitsu Group formulated Environmental Action Plan (Stage VIII), covering environmental targets for FY 2016 to FY 2018. This action plan is constructed from two standpoints: contribution to society and reducing the environmental impacts of our business. Under contribution to society, we will undertake actions including expanding the development and provision of solutions that will help realize the SDGs. Under reducing the environmental impacts of our business, we will work to reduce environmental impacts along the entire value chain in order to achieve long-term zero emissions.

Looking ahead, we will continue contributing to the resolution of social and environmental issues through the utilization of ever-evolving ICT, as we work to achieve a sustainable and affluent society.

Contribution to resolving social and environmental issues through ICT



Target items

Our Society

Contribute to sustainable development and preservation of biodiversity through provision of ICT services

- (1) Contribute to sustainable development of society through provision of ICT services.
- (2) Develop innovative technologies that address environmental issues.

Improve environmental performance of products throughout their lifecycle

- (3) Achieve top-level energy efficiency for 50% or more of the new products.
- (4) Promote eco design for resource saving and circulation and increase resource efficiency of newly developed products by 15% or more.
- (5) Maintain over 90% resource reuse rate of business ICT equipment.

Our Business

Reduce greenhouse gas emissions throughout the value chain

- (6) Reduce greenhouse gas emissions in our business facilities.
 - (6)-1 Reduce greenhouse gas emissions by 5% or more compared to FY 2013.
 - (6)-2 Improve PUE of our major data centers by 8% or more compared to FY 2013.
 - (6)-3 Improve energy intensity by an average of 1% or more each year.
 - (6)-4 Increase usage of renewable energy.
- (7) Drive activities to reduce CO₂ emissions in the supply chain.
- (8) Reduce CO₂ emissions per sales from transport by an average of 2% or more each year.

Reduce environmental impact

- (9) Reduce water consumption by 1% in total (128,000 m³).
- (10) Reduce chemical pollutant (PRTR) release to less than the average level of FY 2012-2014 (20.7t).
- (11) Reduce the amount of waste to less than the average level of FY 2012-2014 (25,568t).

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Special Feature 1 | The Focus of the Fujitsu Group Environmental Action Plan Stage VIII

Features of Environmental Action Plan (Stage VIII) (1)

Contribution to the Resolution of Customers' Social and Environmental Issues (Achievement of SDGs) through ICT Services

Through the provision of ICT services, the Fujitsu Group will work to achieve the SDGs together with our customers.

Proposal of the SDG concept began with the High-Level Panel on Global Sustainability (GSP) held in the beginning of 2011. The SDGs were subsequently adopted in September 2015 following deliberation in the United Nations Conference on Sustainable Development (Rio + 20) and the Open Working Group task team launched in the UN. (See note)

Conversely, the Fujitsu Group named "deployment of sustainability solutions" as a target in Environmental Action Plan (Stage VII), and since 2013 has worked to provide and expand solutions that contribute to the sustainability of society.

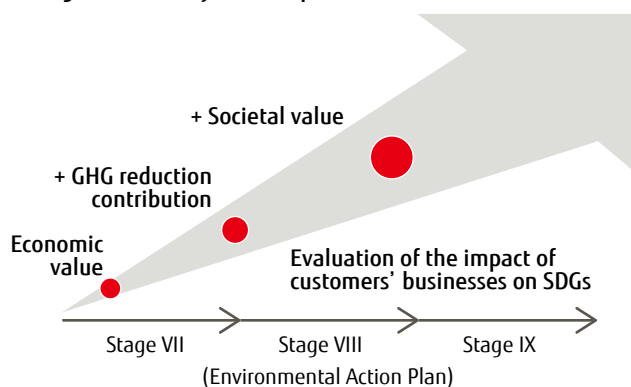
With the SDGs having been clarified as international

targets, in Environmental Action Plan (Stage VIII) we aim to contribute even more to the sustainability of customers and society. Specifically, we are re-evaluating the question of what kind of value to provide to our customers' customers (end users) and to society through the deployment of ICT services in light of the SDGs framework, and are using this in the development of ICT services and proposals to customers.

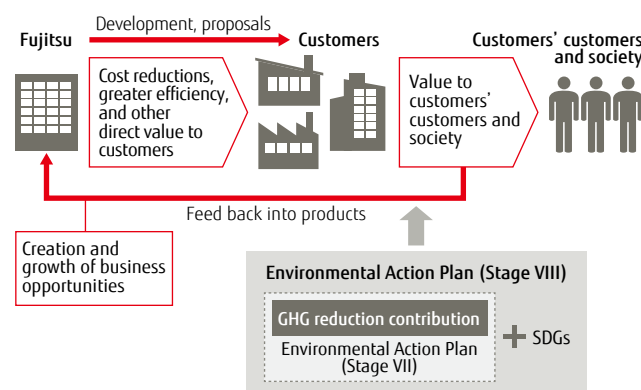
Through these initiatives, we will aid customers in meeting the SDGs and will connect this to the creation and growth of business opportunities for the Fujitsu Group.

Note: Created with reference to information by the United Nations Development Programme (UNDP):
<http://www.jp.undp.org/content/tokyo/ja/home/presscenter/articles/2015/08/21/sdg.html>

Change in value Fujitsu Group Provide



Relationship between Environmental Action Plan (Stage VIII) and business



Point in Check

Providing Value to Customers and Society through Solutions in the Food and Agriculture Domains

Japan's food and agricultural domains are facing challenges such as the aging of the farming population, the lack of successors on farms, and entry into the market from other industries. Against this background, the Fujitsu Group is providing solutions that support corporate agricultural management with a focus on our "Akisai" cloud service for food and agriculture.

This solution not only provides customers with merits such as increased quality and stable supply of produce and improved profitability, but also provides consumers and society with benefits such as accommodation of diversifying food needs, reduction of food waste, and adaptation to climate change. By analyzing and evaluating such relationships, we will connect the relationships to ICT services that deliver even greater value.

Value provided in the food and agriculture domains

Customers	Customers' customers and society
<ul style="list-style-type: none"> Optimization of demand forecasting More efficient analysis Optimization of production volume Foodstuffs inventory control Strengthening of proposals to retail sector Effective sales promotion 	<ul style="list-style-type: none"> Accommodation of diverse food needs Reduction of stockout countermeasure losses Responding to changes in cultivation suitability due to climate change
	<ul style="list-style-type: none"> Rooting out hunger Sustainable consumption and production Climate change countermeasures

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Special Feature 1 | The Focus of the Fujitsu Group Environmental Action Plan Stage VIII

Features of Environmental Action Plan (Stage VIII) (2)

Engaging in Initiatives along the Entire Value Chain Aimed at Achieving Internationally Accepted GHG Emissions Reduction Targets

Backcasting from Japan's GHG emissions reduction targets for 2030 to set targets for work sites

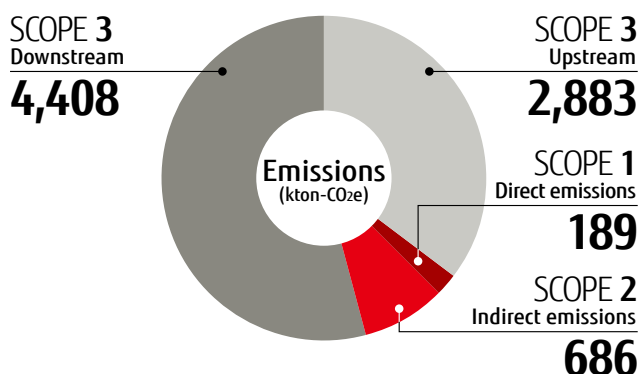
At COP21, Japan proposed a 26% reduction in GHG emissions compared to FY 2013 as a target for FY 2030. To contribute to the achievement of this internationally accepted target, the Fujitsu Group is undertaking reductions along the entire value chain, which includes Fujitsu Group business facilities, the supply chain (suppliers), and transport. Under Environmental Action Plan (Stage VIII), we will make greater efforts than ever in initiatives in each of these areas.

First, in our business facilities we have applied Japan's GHG emissions reduction target to the Fujitsu Group and set a target of a 5% reduction compared to FY 2013. To achieve this,

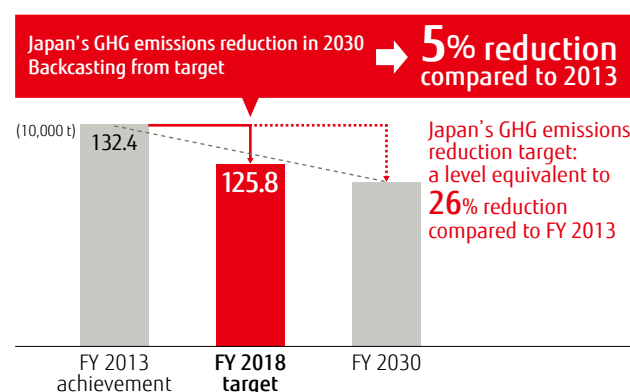
we will work to deploy high-efficiency equipment and improve the operation of existing equipment, while also expanding targets for administration and strengthening management at overseas sites. In addition, we will further conserve energy in data centers and expand the use of renewable energy.

With regard to the supply chain, we are requesting that secondary suppliers as well as primary suppliers develop activities to reduce GHG emissions, and are implementing support for these activities. To reduce GHG emissions associated with transport, we have raised the target value we set in Environmental Action Plan (Stage VII) and are making efforts toward global collaboration on efforts such as further promoting modal shift and increasing the efficiency of international transport.

GHG emissions along the entire value chain



Fujitsu Group GHG emissions reduction targets



Point in Check

Energy Conservation in Data Centers is a Key Point in Achieving GHG Emissions Reduction Targets at Work Sites

As cloud-based businesses grow, the energy demand of data centers is increasing. This makes enhancing their energy conservation both a social responsibility and an important activity for strengthening business foundations.

Accordingly, in our Environmental Action Plan (Stage VII), we developed measures aimed at promoting environmentally conscious data centers. Under Environmental Action Plan (Stage VIII), we are targeting an improvement of 8% or more in data center PUE* compared to FY 2013, a target that is nearly unprecedented among companies in Japan. In addition to continuing measures such as optimizing external ventilation and moderating air conditioning temperature, we will link air conditioning control to information about the interior of ICT equipment, and engage in other initiatives that take advantage of ICT.

Changes in average PUE value at targeted data centers

