Deploying Sustainability Solutions

Our Approach

Achieving a sustainable society requires that we address not only measures against global warming by reducing GHG emissions, but also a variety of environmental and social issues including resource efficiency, conservation of biodiversity, food supply security, urbanization, and disaster preparedness.

In response, the Fujitsu Group is increasing deployment of sustainability solutions as we continue to respond to global environmental and social issues through ICT solutions. We are studying and implementing these solutions through the global members of our Environmental Solutions Committee and its constituent working group (WG).

Summary of FY 2013 Achievements

Targets under the Fujitsu Group Environmental Action Plan (Stage VII) (toward FY 2015)	Increase the deployment of sustainability solutions.
FY 2013 Targets	Sort out issues to be resolved and identify solutions. Create mechanisms for systemization.
FY 2013 Key Performance	1. Prepared action frameworks to expand our provision of sustainability solutions. 2. Set a definition and criteria of a sustainability solution, and identified potential solutions.

FY 2013 Performance and Results

Constructed Action Frameworks and Set a Definition and Criteria

To achieve the targets of the Environmental Action Plan (Stage VII), the Fujitsu Group has established a working group (WG) whose global members come together under the Environmental Solutions Committee.

We have set criteria and a definition ("ICT Solutions that contribute to resolving the world's environmental and social issues") for a sustainability solution in the Fujitsu Group, and, drawing on an analysis of the Fujitsu Group's strengths and those of our competitors, have divided issues concerning sustainability into four areas: food and energy, urbanization, use of resources, and biodiversity. We have also engaged in the identification of candidate solutions and the collection of case studies from customers.

TOPICS

Using an Energy Management System for Central Management of Public Facilities in Date-City (Fukushima Prefecture)

Fujitsu's cloud-based energy management system, called FUJITSU Intelligent Society Solution Enetune-BEMS (Enetune-BEMS), differs from previous BEMS* that handled electricity consumption on a building-by-building basis. The new system, via a cloud-based platform, allows central management, integration, and visualization for multiple business sites.

Furthermore, the system supports energy conservation measures, energy saving measures, and energy management at these customer sites, through benefits such as demand management and remote/automatic control of energy consuming equipment.

In Date-City (Fukushima Prefecture), an Enetune-BEMS system was adopted, with some parts operational from April 2014. This has enabled the city to efficiently and effectively limit power consumption during peak periods, first by utilizing central management, via government office PCs, of a total of 32 public facilities and elementary and middle schools in the city, and second by designating sites that require priority treatment. On top of this, by constructing an information sharing system, the city has become able to share information on power usage, as well as the status of power saving measures, between public officials, and quickly and efficiently transmit information to citizens as well.

* BEMS (Building Energy Management System): A system for achieving efficient energy usage through centralizing information on building and office energy consumption, and equipment and facility operation status, in addition to offering visualization, operation optimization, and proposals for improvement measures.

FY 2014 Targets and Plans

Deliver Messages on Sustainability Solutions to Customers

With the aim of increasing the deployment of solutions to customers, during FY 2014 we will broadly disseminate messages on sustainability solutions through our website and other channels.

We will also work to provide case studies and to expand our lineup of solutions.