

Top Message	Interview to Head of Corporate Environmental Strategy Unit	Special Feature 1: Fujitsu Group Environmental Action Plan Stage VIII	Special Feature 2: Digital Innovation	Chapter I Contribution to Society	Chapter II Reducing Our Environmental Burden	Environmental Management	Data Overview
GHG Emission Reduction through the Provision of ICT	Deploying Sustainability Solutions	Development of Top-Level Energy Efficient Products	Improving the Resource Efficiency of Products		Research and Development of Advanced Green ICT	Collaborating with Communities and Taking Action as a Good Corporate Citizen	

Collaborating with Communities and Taking Action as a Good Corporate Citizen

Our Approach

Fujitsu Group deploys its funds, technology (ICT), and people (expertise) to support the activities of NPOs, NGOs, educational institutions, local governments, citizens' groups, and other diverse bodies that seek to resolve social issues. Specific examples include technological support for citizen enlightenment and studies for biodiversity strategies by local governments; funding support for rare species protection by NPOs and global warming countermeasure projects; technological support for monitoring and other systems; and support for human resources participating in the social contribution programs of international institutions. We determine the targets and content of support based on the needs and issues of local communities.

In addition, we support the social contribution activities undertaken by employees, encouraging each and every employee to maintain high awareness of social and environmental issues and to take an active involvement in resolving these.

Summary of FY 2015 Achievements

	Corporate Citizenship: Social Challenges	Corporate Citizenship: Social Activities
Targets under the Fujitsu Group Environmental Action Plan (Stage VII) (toward FY 2015)	Support initiatives that address the complex social and environmental challenges, e.g. biodiversity conservation	With society, support our employees to volunteer social activities
FY 2015 Key Performance	Funding: Donated to a children's advocacy center and provided support to disaster areas through the Red Cross Technology: Provided software engineering opportunity Human resources: Carried out professional training and other activities	Dedicated 169,000 hours to social contribution activities by employees

FY 2015 Performance and Results

Building a Platform for Sharing Information About Social Contribution Activities around the World

Since FY 2011, the Fujitsu Group has been using its Act Local System to share information about social contribution activities around the world. In the beginning, the system was mainly used inside Japan. In line with promoting Environmental Action Plan (Stage VII), we enhanced the system so that it would be easier to include activity reports from different countries and regions.

Furthermore, we promoted information sharing through use of the system globally by having social contribution managers in each region to encourage one other to start using the platform.

The result, with a total of 14 countries posting on the platform, has been an increase in the number of overseas activity reports compared to three years prior.



Act Local System screen

Conducting 169,000 Hours of Social Contribution Activities in Japan and Overseas

Through the provision of funding, technology, and human resources, Fujitsu has worked to address many needs in different regions, including supporting conservation of biodiversity and education for the next generation in Europe, Middle East, India, Africa, and Asia (EMEIA), and local community service in the U.S.A.

Furthermore, in Japan and overseas, employees spent 169,000 hours in social contribution activities, which was

24,000 hours more than last fiscal year.

Over the three years of Environmental Action Plan (Stage VII), our platform and implementation of social contribution activities at many countries and regions has taken hold, such that each part of the organization is proactively carrying out initiatives in FY 2016 and going forward.

Examples of Social Contribution Activities

- **Charity Cycling Event / Fujitsu UK & Ireland**

The company planned a charity fundraising event in-house and 25 employees cycled 540 miles. The event raised over £2,400, which was donated to Fujitsu's charity partner Action for Children.



- **Support for educational events / Fujitsu Technology Solutions S.A. (Belgium)**

The company gave tools to experience software development technology at an event attended by 1,200 children.



- **Participation in the Green Corridor Run and Water Challenge / Fujitsu Asia Pte. Ltd. (Singapore)**

More than 20 employees of the company participated in the Green Corridor Run 2016, which was held in March, while 6 employees and family members took part in the Water Challenge, which was held concurrently and aimed to contribute to improved access to safe water. Through the event, S\$1,800 were raised and donated to the NGO Charity: Water.



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Main Activities in FY 2015

Support for Grape Cultivation Using a Multi-Sensing Network

Since June 2011, Fujitsu has been providing a multi-sensing network to Okunota Winery, Inc., which Fujitsu employees visit as part of an agricultural outreach experience. The network automatically collects temperature, precipitation, and humidity data from the vineyard, which helps produce high quality wine. The timing of the grape harvest and careful monitoring of pigment levels are essential for expert viticulture, which is apparently assisted by an understanding of temperature fluctuations in the vineyard. Previously, data collection was managed by manual checking and analysis. Using the multi-sensing system, however, allows constant collection of data in 10-minute intervals every day and night of the year.

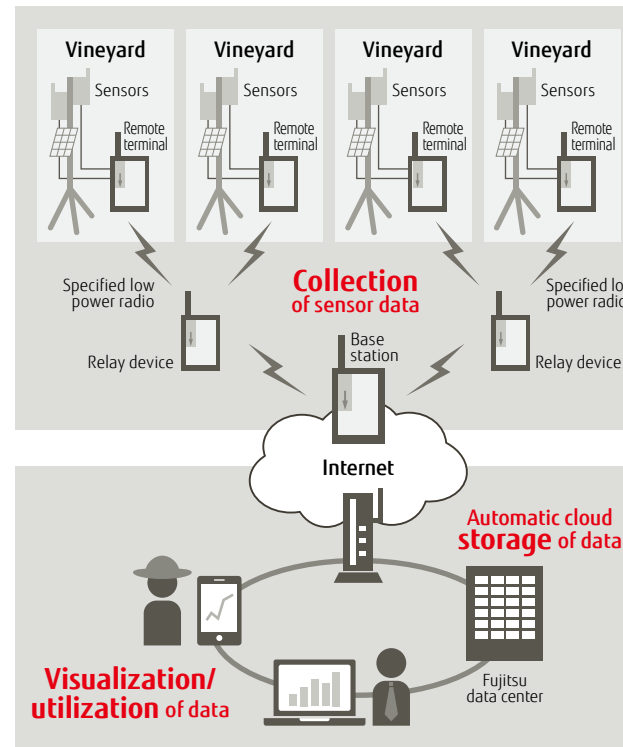
Statistical analysis of data collected over four years has identified temperature and humidity conditions that encourage growth of microbes and mold, major detrimental factors to grapes. By configuring the system so that it judges long periods of these temperature and humidity conditions as a dangerous environment, alerts are sent to the smartphones of vineyard staff allowing them to take the necessary disease prevention and pest control countermeasures at the right time. This has led to less frequent sprayings of agricultural chemicals and shorter person-hours for the viticulturists.

Leveraging ICT in this way helps increase the quality management of wine. In August 2015, the winery's Wine Venus Sakurazawa Chardonnay was selected as one of The Wonder 500™ ("local products that are the pride and joy of

Japan but not yet known outside of Japan") by the Ministry of Economy, Trade and Industry.

Working with universities and fruit tree research stations in FY 2016, the winery plans to verify the commercialization of this system with the aim of increasing the efficacy of disease prevention and pest control and reducing labor.

Schematic of the multi-sensing network system at Okunota Winery, Inc.



Giving On-Site Environmental Classes to over 10,000 Students

In order to have the young generation of the future understand the importance of the environment, the Fujitsu Group is sending employees to schools as lecturers to conduct on-site environmental classes. In FY 2015, lecturers visited 195 elementary and junior high schools, teaching classes to 12,779 students.

Employee Comment

As more and more companies start sending employees to teach classes as part of their social contribution activities, Fujitsu has started to offer students a class that focuses on environmental issues from the perspective of "craftsmanship."

I have participated in this project because I want to communicate with young students about environmental problems. I want to do this in my own words and from my viewpoint as a manufacturing employee. Each class is enjoyable. Students listen to the instructor intently and many of them respond to questions with a level of rich creativity that adults often miss.

I hope to continue these environmental classes in the future



so that students will be encouraged to take action in whatever way they can after thinking more deeply about our planet's environmental challenges.

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