

Top Message	Message from the Head of Corporate Environmental and CSR Strategy Unit	Special Feature 1: The Fujitsu Group Medium/Long-term Environmental Vision	Special Feature 2: Digital Co-creation	Fujitsu Group Environmental Action Plan Stage VIII	Chapter I Contribution to Society	Chapter II Our Business	Environmental Management	Data Overview
Environmental Management		Green Procurement	Initiatives to Minimize Environmental Risk		In-House Environmental Educational and Enlightenment Activities		Communication with Society	

Communication with Society

The Fujitsu Group works to communicate with our customers, employees, business partners, shareholders, investors, local and international communities, and all of our diverse stakeholders.

Environmental Dialogues with Experts

In order to boost environmental management that reflects the changes and needs of society, the Fujitsu Group believes that it is important to have occasions for dialogue with a wide range of stakeholders and to build relationships of assured trust.

Group environmental dialogue has been one part of this effort since FY 2011. Experts have been invited in far-ranging fields, including representatives of NPOs, universities, and media organizations, to engage in dialogue on various themes centered on the environment. Such dialogue sessions have been held 28 times so far (as of March 2017), and discussions held with a total of 84 experts.

■ Discussing Scenarios for the Medium/Long-term Environmental Vision

In the FY 2016 dialogue sessions, we exchanged opinions with experts regarding information gathering and the scenarios that had been formulated, in preparation for formulation of the medium/long-term vision that was announced in May 2017. The Paris Agreement was taken into consideration during creation of the vision, and we positioned determination of how we would achieve zero emissions at our business sites by 2050 as the most important theme.

In regard to the possibility of achieving zero emissions, we discussed trends in energy conservation, renewable energy, and the Japanese government's long-term technological strategy with experts and received advice on things such as the element

FY 2016 Themes

- 1st dialogue The Possibility of Achieving Zero Emissions: From a Technical Perspective
- 2nd dialogue Renewable Energy Introduction Scenarios
- 3rd dialogue Trends in Worldwide Environmental Finance



The 28th environmental dialogue held in March 2017

technology that would be the key in the future, and methods of effective use of energy in partnership with the local community. Further, considering the importance of utilization of renewable energy and credit in addition to energy conservation for the transition from low-carbon to zero emissions, we asked for information on matters such as the status of implementation of renewable energy around the world, systems to encourage implementation, and trends in JCM and other credit systems, and exchanged opinions regarding them.

With these opinions from outside experts and discussions as a reference, we formulated the vision scenario for achieving zero emissions ourselves looking toward 2050, as a target to be achieved by the entire Fujitsu Group in the medium and long term. In the future, in addition to striving to achieve the medium/long-term vision, we will contribute to society through the utilization of ICT to its fullest.

Comments from One of the Facilitators

This fiscal year, the Fujitsu Dialogue was held three times on the themes of energy technology and environmental finance, with an eye toward "achieving a zero-emissions society." The sessions were not only opportunities to hear about the latest trends and the future outlook from the leading experts in each area, but thorough and repeated discussions also led to concrete implementation. Including related departments in the conversations has created a foundation for efforts such as implementation of the SDGs that must be spread throughout the company and ESG investment.

This is the fifth year of hosting these dialogue sessions to respond to the needs of the era and society, for a total of 28 sessions. Continuing to provide a forum to face social issues sincerely and engage with society in dialogue and co-creation of solutions has garnered Fujitsu the trust of society. At the same time, I am certain that conversing directly with outside stakeholders has provided Fujitsu employees with an opportunity to think deeply about their connection to society.

I respect the setting of the lofty goal of achieving zero emissions by 2050. In order to increase corporate value and competitiveness while conducting carbon-free operations through the combined strength of our engineering, manufacturing, sales, purchasing, and financial departments, etc., and to move forward with efforts

to contribute truly to society without smugness, I have great expectations for significant utilization of environmental dialogue in the future as well.



Junko Edahiro

Professor, Department of Environmental Management, Tokyo City University
President, Institute for Studies in Happiness, Economy and Society

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Communication with Society

Outside Commendations

The various efforts of the Fujitsu Group to achieve the sustainable development of society have received high praise from multiple directions, and the Group has received many commendations from outside groups and organizations, etc.

■ Reception of the Seventh “Career Education Award” Grand Award

Since 2006, Fujitsu has visited elementary and junior high schools around Japan to teach classes on the environment.

The program is linked to career education, including what can be done now, but also “Future Jobs and Ecology” in which students think about the environmental activities they will be responsible for in their future jobs. These efforts have garnered high praise, with Fujitsu winning the “Career Education Award” Grand Award.



List of Outside Commendations FY 2016

Presenting organization/group	Commendation name	Submitted program/Submission title
Fujisankei Group/Ministry of Economy, Trade and Industry, Ministry of the Environment, Ministry of Education, Culture, Sports, Science and Technology, Ministry of Land, Infrastructure, Transport and Tourism, Ministry of Agriculture, Forestry and Fisheries, Japan Business Federation	26th Global Environment Awards Grand Prize	<ul style="list-style-type: none"> Environmental management (Results of the Environmental Action Plan (Stage VII) and Formulation of the Environmental Action Plan (Stage VIII)) World’s smallest and most efficient AC adapter (GaN-HEMT)
Life Cycle Assessment Society of Japan/Ministry of Economy, Trade and Industry/Nikkan Kogyo Shimbun	13th LCA Japan Forum Awards LCA Japan Forum Chairman’s Award	The Fujitsu Group’s efforts to improve resource efficiency
Ministry of the Environment/Global Environmental Forum	20th Environmental Communication Awards Grand Prize, Environmental Reporting Category	Fujitsu Group Environmental Report 2016
Nature Conservation Society of Japan/Ministry of the Environment, Japan Committee for IUCN, Japan Committee for UNDB	Japan Nature Conservation Awards for 2016 Special Award	Support for protection of the endangered Blakiston’s fish owl, utilizing ICT
Ministry of Economy, Trade and Industry/Career Education Coordinator Network Council	Seventh “Career Education Award” Grand Award	Visiting environment classes “Future Jobs and Ecology” —Career Education X Environmental Education—

■ Reception of the 26th “Global Environment Awards” Grand Prize

The past results of the Fujitsu Group’s Environmental Action Plan and the energy conservation effect of “development of the world’s smallest and most efficient AC adapter, utilizing gallium nitride” garnered high praise, and received the 26th Global Environment Awards Grand Prize.



Fujisankei Group Chairman Hisashi Hieda presents a trophy to Fujitsu President Tatsuya Tanaka



Gallium nitride (GaN-HEMT) AC adapter

Communication through Exhibitions and Events

The Fujitsu Group provides information on our initiatives toward solving global environmental issues by using exhibitions and events inside and outside Japan as a means for communicating with customers and stakeholders.

Main Exhibitions and Events Attended in FY 2016

- Eco-Products International Fair Thailand/June 2016
- UNFCCC NAP Expo Germany/July 2016
- ITU Green Standard Week Uruguay/September 2016
- Sustainable Brand International Conference Tokyo/March 2017

■ Lecture on Contributing to Sustainability Through Digital Innovation

The Sustainable Brand International Conference, which began in the United States, was held in Japan for the first time in March 2017. Senior Executive Vice President Norihiko Taniguchi and Hideyuki Kanemitsu, Head of the Corporate Environmental Strategy Unit, took the podium for keynote lectures and represented Fujitsu in discussions. They introduced the latest examples to explain Fujitsu’s commitment to utilizing digital technology and co-creating new business models with the customer and aim for achievement of a sustainable society.



Senior Executive Vice President Norihiko Taniguchi gives a keynote lecture

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Social Contribution Activities

■ Tropical Rainforest Restoration Activities

Beginning in 2002, the Fujitsu Group has worked on a project to restore tropical rain forests at the Fujitsu-Malaysia Eco-Forest Park (hereinafter "Eco-Forest Park") in the state of Sabah, on the island of Borneo with the support of the Sabah Forestry Development Authority (SAFODA). In December 2016, the long-term forest preservation activity bore fruit and the park was certified as a "Forest Reserve" by the Sabah State Legislature.

Up to this point, 37,500 dipterocarps, a native species, have been planted across an area of about 150 hectares. A total of more than 2,000 people have been involved in the project, including employees and their families, local universities and professional schools, and Japanese schools. It entered the cultivation phase in 2007, and since then maintenance activities have been conducted to cultivate saplings.



Participants in the Fujitsu Group's tropical rainforest restoration activities

■ Winemaking with Volunteer Employee Participants

Fujitsu Group employees and their families assist in the farm work at the "Fujitsu GP2020 Wine Farm" at the Okunota Winery in Yamanashi Prefecture. They partner with the owner, whose goal is to create the world's best wine, to cultivate Cabernet Sauvignon, said to be difficult in Japan, and are making Fujitsu GP2020 Wine.

The purpose of the activities is to enable participants to learn about the preservation of biodiversity and deepen their understanding of problems faced by farming and mountain villages (village forests) while enjoying farm work at a farm that promotes biodiversity-friendly agricultural method.

In FY 2016, Fujitsu Group employees and their families (a total of 178 people) participated in the entire series of fieldwork, from the pruning of branches, which starts in early spring, to harvesting grapes in autumn.



Participants in "grape harvesting" at a wine farm

Tie-ups with External Organizations

By actively participating in external organizations inside and outside Japan, the Fujitsu Group is endeavoring to promote and spread green ICT solutions for realizing a sustainable society.

Major Participating Organizations

World Business Council for Sustainable Development (WBCSD):

reviewing assessment indices in traffic and transportation fields, and promoting concrete solutions in various categories

Global e-Sustainability Initiative (GeSI) :

contributing to SMARTer2030, a report comprehensively analyzing the potential of ICT to bring about sustainability

The ITU-T's ICT and Climate Change Group (SG5 WP3):

spreading and expanding green ICT

ITU-T "IoT and Its Application, Including Smart Cities and Communities (SG20)":

Consider standardization of IoT-related matters and smart cities and communities

ISO TC286 SC1 (Smart Urban Infrastructure Metrics):

building infrastructure assessment methods and promoting efforts to clarify the role of ICT in smart communities

The Steering Committee for the ICT Sector Guidance to the GHG Protocol Product Life Cycle Accounting and Reporting Standard:

assessing ICT life cycle environmental effects

Global Taskforce on Harmonizing Global Metrics for Data Center Energy Efficiency:

promoting environmental consciousness of datacenters

JEITA Environment Board:

contributing to the establishment of a method for evaluating the contributions of products and services