

# Green Procurement with a Centralized Global Procurement System

To provide our customers with products and services that have minimal environmental impact, the Fujitsu Group is promoting green procurement together with our business partners through a centralized global procurement system in an effort to protect the global environment.

## Fujitsu Group Green Procurement Direction

The Fujitsu Group has formalized its basic requirements regarding procurement of eco-friendly parts, materials, and products as the Fujitsu Group Green Procurement Direction, and is moving forward with green procurement activities together with business partners inside and outside Japan.

- [Fujitsu Group Green Procurement Direction](#)

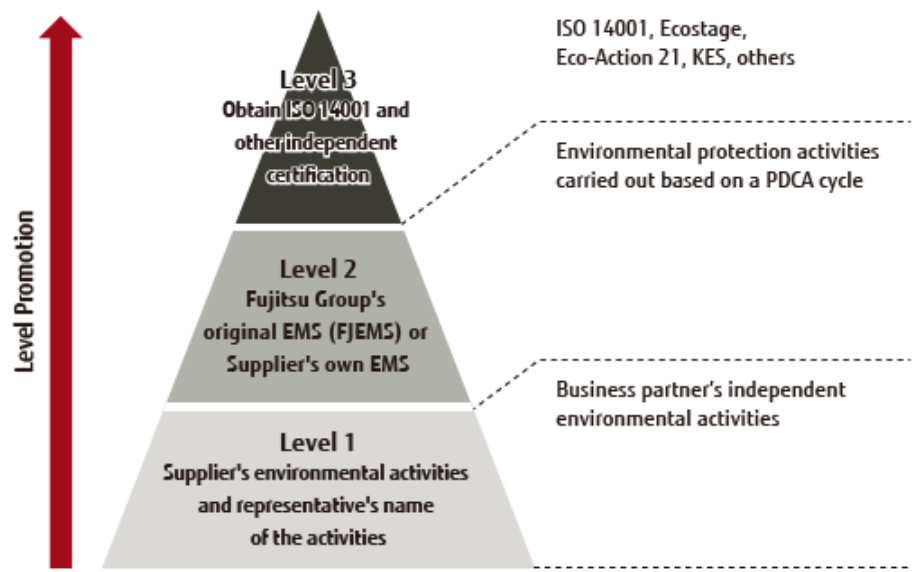
## Green Procurement Requirements for Our Business Partners

We request that our business partners meet the following requirements to promote green procurement.

### Establishment of Environmental Management Systems\*1

We request our business partners to establish an EMS to ensure that they continuously implement environmental burden reduction activities. We also conduct regular surveys to determine their EMS level (Refer to the following diagram.) . For business partners whose survey responses indicate a level 1 EMS, we will provide the Fujitsu Group's original EMS (FJEMS\*2) and support efforts to bring thebusiness partner's EMS up to the third-party-certified EMS (level 3).

Establishment of EMSs for Green Procurement



\*1 EMS:  
Environmental management system

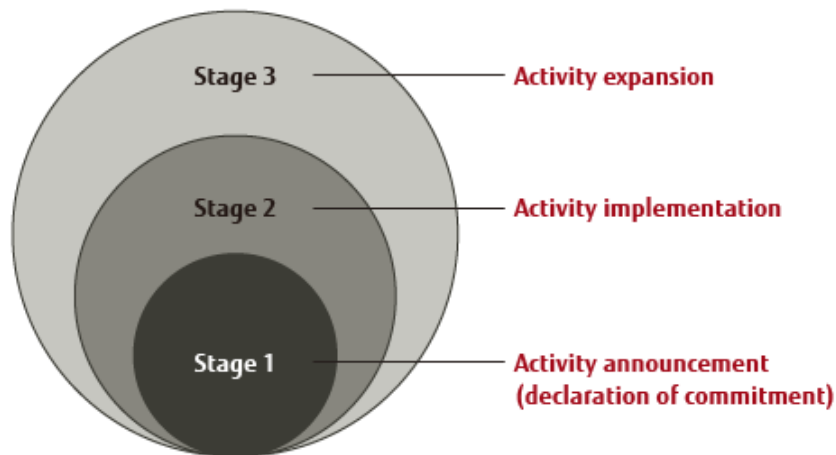
\*2 FJEMS:  
The Fujitsu Group's own EMS, which focuses on ISO14001 requirements and getting environmental protection activities based on a PDCA cycle to take root.

## Promoting Efforts to Limit or Reduce CO2 Emissions and to Conserve Biodiversity

One of our goals under the Fujitsu Group Environmental Protection Program (Stage VI), which covered the period FY 2010-2012, was to increase to 100% by FY 2012 the number of our parts business partners taking action to limit or reduce their CO2 emissions and to preserve biodiversity. Toward that end, therefore, we asked our business partners to get to at least stage 2, activity implementation, regarding the limitation or reduction of CO2 emissions, and to stage 1, declaration of a commitment, regarding the protection of biodiversity.

### Drawing Up an Activity Evaluation Index

We set up an original three-stage index for measuring the situation of our business partners' activities and requested their cooperation.



We have actively helped our business partners to determine what activities they should be taking and reach the point of being able to do so. We have, for example, provided tools for calculating CO2 emissions from electricity usage and for monitoring progress toward quantitative targets. We have also prepared guidelines providing basic information on protecting biodiversity along with explanations and examples of biodiversity protection activities, and created a check tool to promote awareness of biodiversity protection.

To encourage business partners to take notice of issues related to CO2 emissions and biodiversity, we have also held seminars in which we explained the need for action, provided examples of what could be done, and led participants in exercises. During the FY 2010-2012 period, we held eight of these seminars with participation by a total of 75 companies.

For our overseas business partners, we have provided explanations of the issues that companies throughout the world should be addressing and gained understanding while supporting their activities. As a result of our efforts, we fully achieved the goals mentioned above for our business partners inside and outside Japan in January 2013.

### Participatory Environmental Protection Activities for Business Partners

With positive feedback from the FY 2011's environmental protection activity with business partners, Fujitsu's Purchasing Unit held the event again, in October 2012, at the Higashi Toyoda Nature Preservation Area in Hino City, Tokyo. The impetus for sponsoring these activities was to give as many business partners as possible an opportunity to initiate their own activities to protect biodiversity.

Business partner participants included 22 people from 10 companies. With Fujitsu employees bringing the total to 40, participants set to work cutting bamboo grass and thinning the forest. While walking through the preserve, they also deepened their understanding of the relationship between people and nature by listening to a lecture, by the staff of an NPO, on the protection of biodiversity. Such opportunities to engage with business partners outside of strictly business-related settings also help to strengthen our relationships with them.



Environmental protection activities

### Objectives of Fujitsu Group Environmental Action Plan (Stage VII)

In the Fujitsu Group Environmental Action Plan(Stage VII), which began in FY 2013, the Fujitsu Group acknowledges that the limitation or reduction of CO2 emissions upstream in the value chain is an important issue that companies should address. We, therefore, will expand our environmental protection activities to include solution services and other non-component business partners. Regarding the conservation of biodiversity in particular, we will continue with our supplier-focused activities to reinforce the importance of protecting biodiversity, and pursue green procurement activities together with business partners.

### Establishment of Chemical Substances Management Systems (CMS<sup>\*3</sup>)

We request our business partners to establish a chemical substances management system (CMS) based on the industry standard, JAMP<sup>\*4</sup> guidelines on management of chemical substances contained in products. If their management system is inadequate when we audit their manufacturing sites for parts supplied to the Fujitsu Group, we will provide support for correctional efforts that aim to strengthen their management system in the supply chain. Once business partners have been recognized as having established a CMS, we periodically check the operational status of the system. The Fujitsu Group will continue CMS development efforts of this kind to ensure that strict legal compliance is maintained.

<sup>\*3</sup> CMS:

Chemical substances management system

<sup>\*4</sup> JAMP:

[Joint Article Management Promotion-consortium](#)

## Collaborating with Business Partners in Management of Chemical Substances Contained in Products

In order to comply with new chemical regulations in Japan and globally, starting with Europe's REACH regulations, we started surveys in June 2011 based on the AIS\*[5](#) and MSDSplus\*[6](#) formulated by JAMP. Ahead of the surveys, in May, we held seminars on creating AIS sheets for 73 processing-related business partners in Japan. In June, we also held seminars for 17 business partners in greater China. The seminars included computer-based study and instruction on how to prepare AIS sheets.

Surveys are conducted when products are designed, designs are changed, or there is a change in business partners. In addition, following the release of AIS (MSDSplus) Ver.4.0, the Fujitsu Group made approximately 12,000 requests to business partners to complete new chemical substance surveys based on the latest AIS during FY2012.



Seminar held in Japan

ProcureMART\*[7](#), the Fujitsu Group's solution for online procurement, is used to connect the Fujitsu Group with its business partners, which enables purchasing activities and chemical substance surveys to be conducted with a single interface. Management of chemical substance information sent from business partners is accomplished by utilizing another Fujitsu Group solution, PLEMIA/ECODUCE\*[8](#), and the information is shared within the Group.

The Fujitsu Group is actively involved in standardization activities for green procurement surveys being promoted by industry bodies like JAMP. We intend to continue raising the efficiency of such supply chain surveys going forward.

**\*5 AIS:**

Information transmission sheet for conveying information on chemical substances in molded products.

**\*6 MSDSplus:**

Information transmission sheet for conveying information on chemical substances in chemicals and preparations.

**\*7 ProcureMART:**

Service that allows procurement processes for production materials to be conducted online.

**\*8 PLEMIA/ECODUCE:**

Fujitsu's chemical substance management system

## Raising Product Value with Environmental Technologies (Soliciting Proposals for Environmental Technologies)

Fujitsu asks its business partners to propose environmental technologies and materials to achieve Green Policy Innovation, our project to help customers reduce their environmental impact using Green ICT.

Proposals made by business partners are evaluated in our evaluation divisions and exceptional proposals are forwarded to our design and development divisions with recommendations for timely and extensive adoption. All information is stored in an internal database that can be accessed and further developed across Fujitsu. We remain committed to proactively adopting outstanding environmental technologies and materials, and will continue to develop and promote products with exceptional environmental performance.

Please refer to the following link for details on the types of environmental technologies Fujitsu is seeking and how proposals are made.

- [About the Environmental Technologies Proposal Application](#)

### Infrastructure for Achieving Green Policy Innovation

