Environmental Management System

Group-wide implementation of an Environmental Management System (EMS) that conforms with the international ISO14001 standards

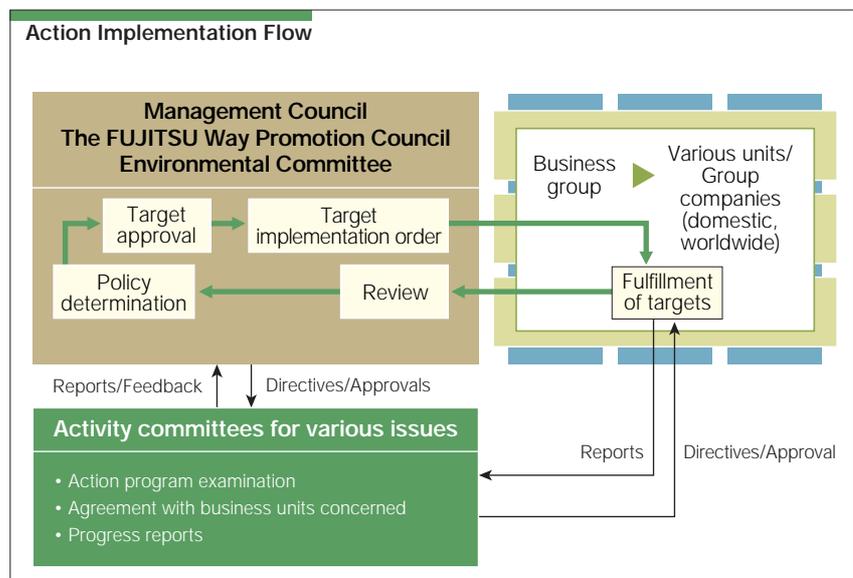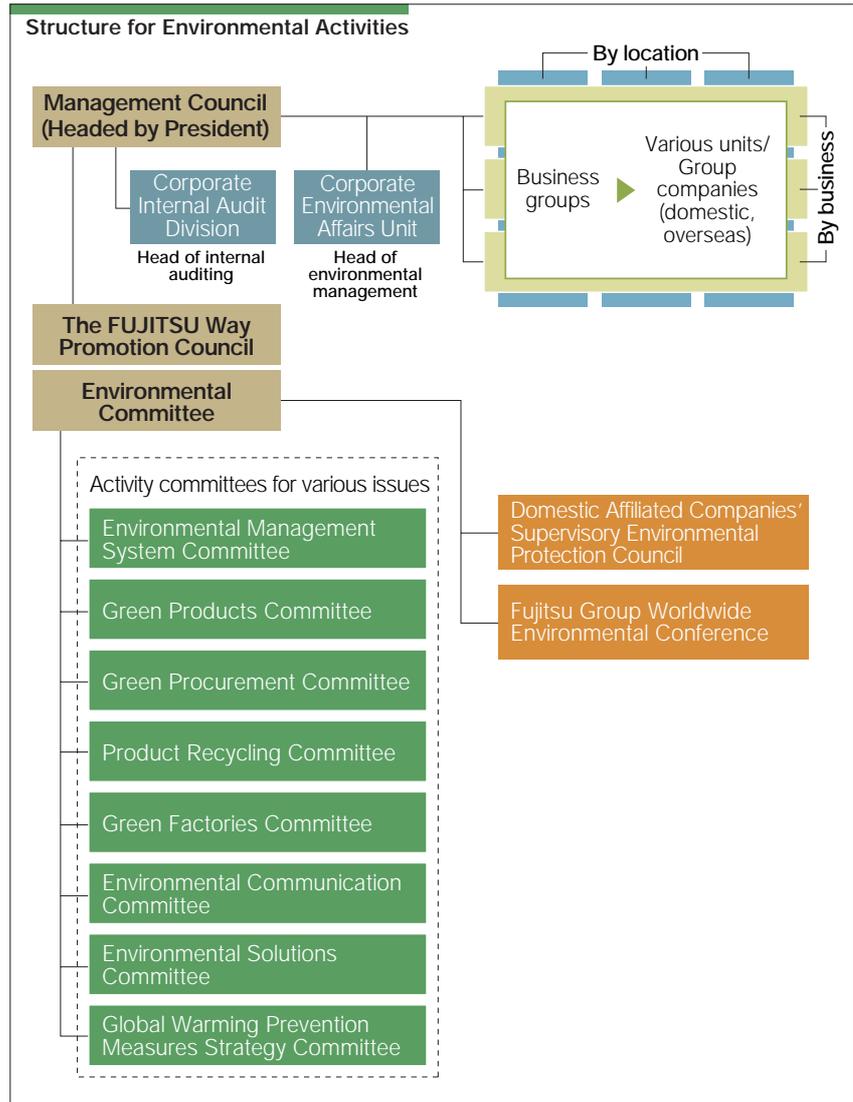## Organizational Framework for Environmental Activities

In order to enact management decisions quickly, the Fujitsu Group EMS has been developed in accordance with our business group structure. Each business group undertakes environmental efforts tailored to the special features of its business and also participates in Group-wide environmental activities.

The Management Council is the top decision-making organ within our EMS, In addition to determining the general direction of environmental activities, the Council also makes decisions on revisions to the structure of the EMS, having first given thought to the degree of progress that has been achieved in the Environmental Protection Program. Such decisions are communicated to each business group by the Corporate Environmental Affairs Unit, which oversees all Group environmental activities.

We have also formed task forces covering various aspects of environmental activities; their membership transcends business group or divisional frameworks. These committees deliberate over the formulation of concrete proposals for the Environmental Protection Program and improvements to the EMS structure. The Environmental Committee oversees the results from these deliberations, then reports these results to the Corporate Environmental Affairs Unit, also feeding them back to the Management Council. Later, it works to ensure that these results are reflected in the activities of the various business groups.

In this way the Group as a whole goes through the PDCA* cycle, making continuous improvements in its environmental activities.

* **PDCA:** Plan, Do, Check, Act.

Structure for Environmental Activities

Action Implementation Flow

Environmental Management System

Our Environmental Management System (Japan)

Matrix Structure

As shown on the previous page, our environmental management structure parallels the corporate management structure.

Thus, we have established our Environmental Management System (EMS) in the form of a matrix, bringing together (1) line activities directly linked to the various divisions and Group companies (such as Super Green Product development or development and sales expansion of Environmentally Conscious Solutions), and (2) site activities where each plant or office takes part in some common effort (such as saving energy, reducing waste, moving away from paper-based operations and contributing to local society through various activities).

In this way, through developing an environmental management structure which conforms to our corporate management structure, we can lessen not just the environmental burden attendant on our production activities, but also, through the sale of our products and services, the environmental burden for our customers and for society as a whole.

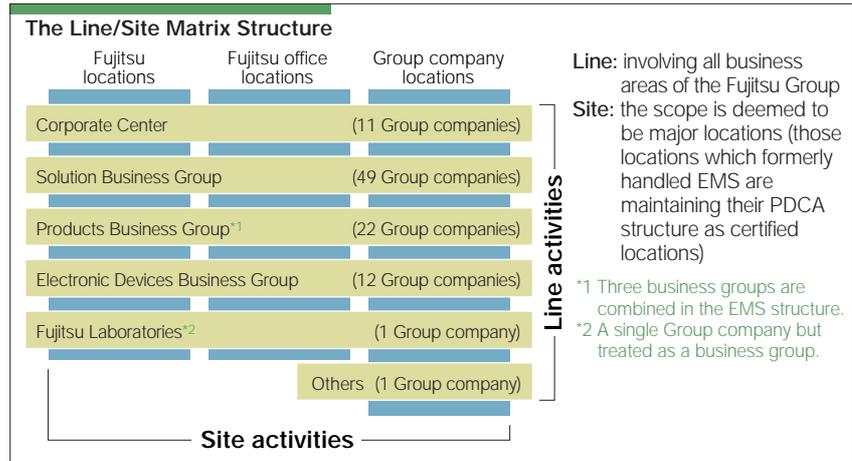### Internal Environmental Audits

In order to attain continuous improvements in our environmental activities and environmental performance, auditing functions that are independent from the EMS and can effectively monitor our environmental activities are essential.

For this reason, a Director of (Corporate) Auditing has been appointed as the responsible chief officer for internal audits of EMS and respective environmental activities. To ensure impartial judgment, this officer is not directly involved in EMS as such.
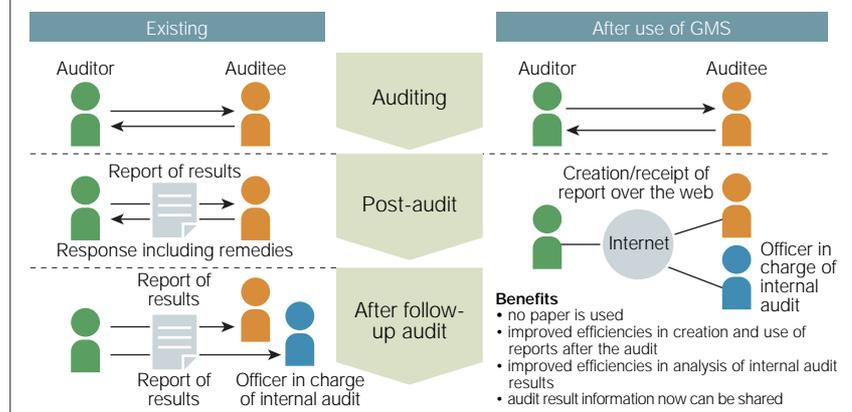
Also, through mutual audits between business locations or Group companies, we aim for communication within the Group that will go beyond the boundary lines of offices or companies, helping to improve the efficacy of internal environmental audits.

EMS Structures and Operations Making Use of IT

We utilize IT to conduct effective management of a vast range of environmental activities which extend over the entire Fujitsu Group.

The Line/Site Matrix Structure

Line: involving all business areas of the Fujitsu Group
Site: the scope is deemed to be major locations (those locations which formerly handled EMS are maintaining their PDCA structure as certified locations)

*1 Three business groups are combined in the EMS structure.
*2 A single Group company but treated as a business group.

An Example of GMS Use — the Internal Audit Support System

Benefits
• no paper is used
• improved efficiencies in creation and use of reports after the audit
• improved efficiencies in analysis of internal audit results
• audit result information now can be shared

Environmental Education through E-learning

In order to provide common general instruction for all employees, we have prepared a structure for e-learning in which each employee can participate in courses at any time at his or her own convenience.

Green Management System (GMS)

In order to effectively manage many kinds of environmental records based on ISO14001 (records of activities, approvals, statistics and archives), we are now constructing a web-based GMS which is coming into operation in stages.

One example of a GMS function is the internal environmental audit function. This function will make it possible to improve efficiencies in the creation and implementation of reports that follow after internal environmental audits, as well as increase the efficiency with which internal audit results can be analyzed. Furthermore, this internal environmental audit function aims to improve efficiencies with regard to management and use of environmental records and decrease resource use through sharing of audit results and reduced use of paper media.

Standards Monitoring System

A broad range of internal standards and guidelines must be created for implementing environmental management based on ISO14001.

We have taken the data on standards and guidelines (found in electronic files) and stored it in databases. Next, we created and installed a monitoring system, which can be used just like our everyday back-office systems. This system enables us to speed up the process from creation of standards and guidelines to investigation of performance, reporting, approval and finally disclosure. It also allows increased efficiency in operations and the monitoring of standards, as well as lower use of resources, including paper media.