# FUJITSU

Global | Change ▼     Search 🔍

| Services ▼ | Products ▼ | Solutions ▼ | Fujitsu Cloud ▼ | Support ▼ | Corporate Information ▼ |

Home > About > Environment > In-House Implementation of Advanced Green ICT > Environmental Management

**In-House Implementation of Advanced Green ICT**

- R&D
- Offices
- Manufacturing
- Data Centers
- Environmental Management
- Topics



**Environmental Management** Green Reference for Tomorrow

## Environmental Management Dashboard

**Reliably applying the PDCA cycle to environmental management, from sharing information to making operation decisions concerning environmental activities**

Green Reference for Tomorrow — Watch the video »

Green IT, Green Policy Innovation — Green Policy Innovation

| Environmental Management Dashboard | Case Study |

The Environmental Management Dashboard is an information system intended to perform genuine environmental management, by collecting and analyzing information which executives and managers in charge of energy management need to make decisions and judgments and employees require to guide their autonomous activities: the most advanced information from a variety of sources ranging from management information to environmental information, and applying these types of information according to the users and their goals.

**Related Links**

- Environmental Management
- Environmental and Social Contribution Activities
- Environmental Communication


Top Screen


Environmental Management Information

- A wide range of information intended to realize environmental management is automatically collected and processed, improving areas ranging from energy management to electric power saving, and global warming prevention measures and even the motivation of individual employees to conserve energy.
- Information matched to each users' needs is provided when it is required on an easy to use portal screen.

Top of Page 🔝

**Measures to continuously provide information to people who require it according to each person's goal**

Corporations must now practice environmental management which ensures both the growth of

business and reduction of environmental loads. The infrastructure needed to implement such management is a system which provides information to people who require it to conserve energy and conduct environmental preservation activities, according to each person's goals.

Several questions must be answered. "How much energy does the entire company, business facilities and divisions, buildings and floors, and individuals, use?" "For what purposes do they use it?" "When do they use it?". "What kinds of initiatives do they take to conserve energy?", and "How effective are these measures?" The types of information which people wish to obtain vary according to their posts and roles; executives, managers in charge of energy management, business division directors, or employees etc. The Environmental Management Dashboard is a portal simplifying the acquisition of information suited to the needs of each such player.
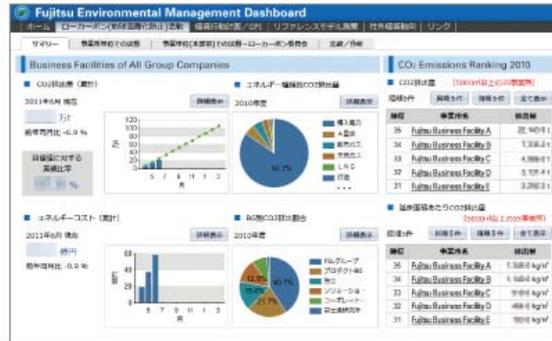


Low Carbon Activities Screen

### Accelerating the PDCA Cycle in Environmental Management

The Environmental Management Dashboard collects and processes information required by environmental activities from various sources and provides it at times appropriate to the needs of each user.

It supports energy management by providing environment managers with monthly alerts of target $CO_2$ emissions for each business facility, comparing $CO_2$ emissions with those in the same month of the previous year and in the previous month, and accessing comparisons of $CO_2$ emissions per unit area of each business premise. Employees can efficiently take actions to save energy, permitting the immediate confirmation of the state of electric power use in each division.

The Environmental Management Dashboard accurately repeats the PDCA cycle "infinity loop", for genuine environmental management, ranging from the company-wide level to the organization and individual levels.



### Purposes for which various players use the Environmental Management Dashboard

| | |
|---|---|
| **Executives** | ▶ To make decisions and business judgments to practice environmental management |
| **Business Division Leaders** | ▶ To Discover unreasonable, wasteful, and fluctuating manufacturing activities |
| **Factory Managers** | ▶ To verify and improve equipment operating processes |
| **Employees** | ▶ To improve each employee's motivation to save energy |
| **Environmental Managers** | ▶ To clarify and improve the state of use of energy and environmental loads |

### Examples of Information applied to Environmental Management

Visualizing various kinds of information needed to manage energy. This leads to effective actions while observing the state of energy use and degree of achievement of energy conservation measures.
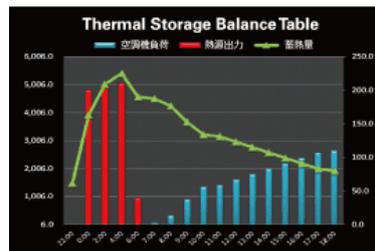


Comparing the quantity of heat stored with the air-conditioning load
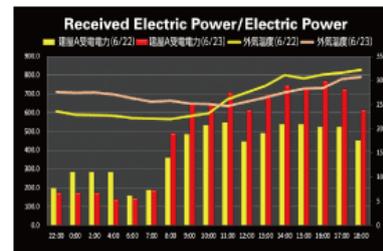


Comparison of maximum electric power and of the quantity of electric power

Case Study »

Green Policy Innovation

Top of Page 

| Services | Products | Solutions | Support | Corporate Information |
|---|---|---|---|---|
| Business Services | Computing Products | Automotive | Computing Products | About Fujitsu |
| Application Services | Software | Financial | Software | The FUJITSU brand |
| Managed Infrastructure Services | Telecommunications | Healthcare | Telecommunications | Corporate Profile |
| Product Support Services | Microelectronics | Retail | Microelectronics | Investor Relations |
| | Other Products | Telco | Other Products | Employment |
| | | AIT | | Our Approach to CSR |
| | | Biometrics | | Environment |
| | | Smart Grid | | Case Studies |
| | | Smart Grid Communications | | Publications |
| | | Sustainability | | Feature Stories |
| | | Technical Computing | | |