

[Promoting environmental management]

Those of us at different locations and in different fields share the same sentiment about environmental conservation.

We at Murata strive to aim at reaching harmony with the environment in every stage of our corporate activities including development, design and production processes.

Practicing efficient management through tighter collaboration among Group companies



Murata Electronics (Malaysia) Sdn. Bhd.
Administration Department
Hadari Mohamad Yusof

Having acquired ISO14001 certification in 1999, Murata Electronics (Malaysia) Sdn. Bhd. strives to meet requirements for efficient facility operations, resource saving and complying with pollution prevention. Murata Electronics (Malaysia) has strengthened collaboration with the Head Office in 2008 to tackle issues common among group companies. This effort resulted in smooth transferring of environment information when switching product group thanks to collaboration among all subsidiaries. We will continue to promote environmental conservation for the future generations.

Environmental management

Murata has completed consolidation of environmental management framework based on the environmental management concept at every plant in Japan as well as every production site overseas in FY2009. We will share information with regard to environmental management, and aim at the promotion of highly efficient and effective environmental activities and strengthening of the governance.

Information collection through web-based research, to aid in smooth communication with our suppliers



Murata Manufacturing Co., Ltd.
Production Engineering Unit
Purchasing Dept.
Left/ Yoko Takahashi
Right/ Mao Kurokawa

Our responsibility at Purchasing Dept. at the Head Office is to acquire chemical content information for parts and materials from our suppliers in and out of Japan. We have introduced, this year, a mechanism to gain information through web search to establish smooth information transmission and sharing with our suppliers. We will continue to support procurement of Earth-friendly parts and materials to comply with REACH Regulation and customer requests as a part of our responsibilities.

Green procurement/green purchase

We need to practice "green procurement" to procure more environmentally preferable parts and materials to reduce environmental burden of our products. To this end, we have been asking our suppliers for their understanding and cooperation to practice their own environmental management.

Aiming at corporate activities that allow Murata to coexist with the ecosystem



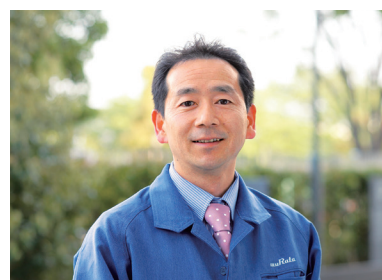
Murata Manufacturing Co., Ltd.
Yasu Division
Administration Dept.
Hiroaki Tashiro

Yasu Division keeps track of influence of their business activities over the local ecosystem in pursuit of nature conservation activities. We maintain indigenous patches of carnivorous plants, Common Sundew, and primeval vegetation. Yasu Division plans to promote an awareness program for every employee so that every one of us can pursue our daily activities while understanding correlations between our business activities and biodiversity.

Biodiversity

Murata has been aware of correlation between our business activities and biodiversity in pursuit of nature conservation activities. We are now currently drafting policies for maintenance of the biodiversity in our local environment.

Pioneering a new product domain, environmental contribution through Murata's original technologies



Murata Manufacturing Co., Ltd.
Module Business Unit
Power Device Products Division
Power Units Dept.
Yasuhiko Shimanaka

The ionizer module developed by our business department replaces chemical-based disinfection by Ionizer, contributing to the future of environmental conservation activities. We have applied Murata's core technology, high-voltage technology, to an ion generating mechanism. We have high hopes for utilizing our original technology in brand new product domains such as environment and healthcare.

Design for Environment

At Murata, we manufacture environmentally preferable products thoroughly focusing on environmental burden throughout their entire lifecycle including parts and materials procurement, design and development, production, use, recycle and disposal.

Launching ECO-PROJECT, an initiative to enhance ECO-consciousness!



Izumo Murata Manufacturing Co., Ltd.
Administration Dept.
Yuji Hasegawa

Production Dept. at Izumo Murata Manufacturing has initiated launching of ECO-PROJECT aimed at energy-efficient production activities. This initiative plans and promotes planning and promotion of energy-saving policies from various angles. We take a pragmatic approach through actively participating in *kaizen* of production facilities and processes. ECO projects are vigorously promoted at each department enhancing ECO awareness by each and every employee. We will continue to engage in energy saving and reduction of CO₂ emissions.

Global warming prevention

Under the guidance of Global Warming Prevention Special Committee, Murata promotes group-wide activities to establish new global warming prevention policies, and aims to reduce the total quantities of greenhouse gasses emitted through our business activities.

Greatly reducing waste disposal by promoting their sorting rules! We also promote more efficient waste management practices.



Kanazu Murata Manufacturing Co., Ltd.
Administration Sec.
Yuko Miyamae

Many of the waste materials generated from Murata's production processes can be recycled or sold. Kanazu Murata Manufacturing collaborated with employees working at each production process to draft new waste separation rules to achieve 78% reduction in waste emissions in FY2009 over FY2000. Murata has also been promoting switching from paper manifesto to electronic manifesto for more efficient waste management. So far this transition is 97% complete. Kanazu Murata Manufacturing has completed the transition to electronic manifesto in FY2009.

Waste reduction

Murata as a group has achieved zero emissions domestically in FY2003. Currently we are working on achieving zero emissions at overseas sites as well as reducing waste generation itself at the source.

Clearing our CO₂ emissions reduction goal for domestic distribution!



Murata Manufacturing Co., Ltd.
Production Engineering Unit
Manufacturing System Design Dept.
Seiji Kumegawa

During FY2009, we introduced a system to keep track of truck loads real time to eliminate *muda* in distribution routes and promoted improved fuel efficiency and safe driving via the use of driving recorders. As a result, we surpassed our initial goal of reducing CO₂ emissions for the domestic distribution by 36% over FY2000, and achieved 40% reduction. We will continue to reduce CO₂ emissions further by collaborating with distribution companies and drivers.

Environment-conscious distribution

We strive to reduce environmental burden at the distribution stage of products in addition to manufacturing stages. We reduce CO₂ emissions by promoting efficient transportation in addition to reducing waste through using less packaging materials.

Gaining understanding over Murata's environment conservation activities through active involvement with the local society



Toyama Murata Manufacturing Co., Ltd.
Administration Dept.
Go Mizuno

It is important to communicate Murata's business and environmental commitment to residents of the local community, so that they can rest assured. Such efforts include company tours for local primary school students, participating in neighborhood cleaning, and tree-planting at Tateyama mountain range. We will continue to actively involve ourselves with the local community and help people experience Murata's environmental conservation activities first hand.

Managing environmental risks

Murata strives to minimize environmental risks of business activities affecting the local community and to be ready for handling any problems promptly when they happen. To this end, we do our best to disclose information pertaining to such efforts including inviting local residents to company tours so that they can understand Murata's environmental conservation activities.