

Biodiversity



This page introduces Casio's initiatives for preserving biodiversity.

Casio's approach to biodiversity preservation

The 10th Conference of Parties to the Convention on Biological Diversity (COP10) was held in Nagoya, Japan in October 2010. At this important international conference for resolving issues related to preserving the abundance of life on this planet, the following measures were adopted.

- New Strategic Biodiversity Plan (2020), and the Aichi Biodiversity Targets (2050)
- Nagoya Protocol on Access and Benefit-sharing

While benefit from biodiversity, corporate activities also have a significant impact on it. By fully understanding this relationship, Casio aims to avoid the risks associated with failing to make efforts in the area of biodiversity and, instead, to identify the opportunities that these efforts present.

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| Example risk: | Problems in the upstream supply chain identified from the perspective of biodiversity preservation could make it impossible to use certain resources, materials, and parts, and Casio could lose customers because it is perceived as having a negative impact on the environment. |
| | Specifics: <ul style="list-style-type: none"> - Use of carelessly sourced paper contributes to global forest decline. - Due to the toxicity of the mercury used in projector light sources, its use is legally restricted. |
| Example opportunity: | Casio takes the lead ahead of other companies in implementing policies that allow it to more safely and reliably procure resources, materials, and parts, as well as substitutes for the same, and is therefore able to highlight the environmental friendliness of Casio products when appealing to customers. |
| | Specifics: <ul style="list-style-type: none"> - Efforts that address environmental impact, such as the formulation of a paper procurement policy, are well received by the general public. - Through original development of a light source that does not use mercury, Casio is able to supply projectors that are legally compliant. - By supporting NGOs and NPOs with Casio products, for instance by issuing collaborative wristwatches that support dolphin and whale conservation, Casio is able to strengthen its product brands. |

In March 2011, Casio established Biodiversity Guidelines for the entire Casio Group, taking the first step on this issue in its Environmental Action Plan. Casio is now carrying out activities based on this.

In FY2012, Casio began investigating a checklist for environmental impact evaluation, with the goal of assessing biodiversity impact. The company also carried out e-learning for about 700 employees in relevant departments concerning basic biodiversity preservation knowledge and Casio measures, in order to create a foundation for future impact assessment.

In fiscal 2013, Casio prepared a biodiversity impact survey sheet covering "paper" relating to products and sites in cooperation with external NPOs and NGOs active in environmental protection and commenced a pilot study of suppliers.

Specifically, regarding instruction manuals, pamphlets and other materials in the area of products, and paper for copiers, drafting and other uses in the area of sites, Casio conducted a study into the usage of waste paper and paper from certified forests evaluated by third-party organizations and not products from manufacturers about which there are concerns over the legality of logging and environmental destruction and other areas.

In fiscal 2014, Casio conducted pilot studies of paper use associated with both its products and offices in Japan, and found no major problems in either area. In fiscal 2015, Casio is focusing on surveying its businesses in Japan, and it plans to formulate a paper procurement plan in Japan within the fiscal year.

Even beyond fiscal 2015, Casio will continue conducting activities aimed at achieving the target below, which were established in fiscal 2013.

Biodiversity preservation target

Based on the Casio Group Biodiversity Guidelines, commence a biodiversity impact study for products and sites and examine and implement measures, to reduce biodiversity impact by fiscal 2016, which will include procurement.

For Products

Consider details concerning design, procurement, manufacture, packaging, sales, logistics and recycling of products

For Sites

Consider details concerning location and operation of plants and offices

| | |
|---------|---|
| FY2014: | Conduct a pilot study based on the impact survey sheet prepared in cooperation with NPOs/NGOs. Examine strategy and direction for programs in light of the pilot study and its analysis and response to the Action Plan and Guidelines for the Electrical and Electronics Industries. |
| FY2015: | Based on results in FY2014, make improvements to the impact study sheet and the structure of the study and expand the scope of the impact study, taking priority level into consideration. Examine measures for biodiversity in procurement. |
| FY2016: | Analyze the results up to FY2015, identify issues and establish and implement action themes to reduce biodiversity impact. |

Participation in the Consortium for Sustainable Paper Use Companies and NGO Collaborating to Achieve Sustainable Paper Use by 2020

In June 2014, Casio joined the Consortium for Sustainable Paper Use, which was established to promote the use of paper in a way that is both environmentally and socially responsible throughout society. Casio has been working hard as a dedicated member of the Consortium. The Consortium was established in November 2013 by five companies that are making progressive efforts related to their use of paper, the WWF Japan, and Response Ability, Inc, which promotes corporate sustainability. By enabling each member to promote uses of paper that are environmentally and socially responsible from their various perspectives, the Consortium hopes to expand the sustainable use of paper throughout the broader society.

Activities of the Consortium

- Dissemination of providing for promoting sustainable paper use
- Reliable information sharing between members
- Information dissemination and outreach activities
- Expansion of efforts to suppliers and vendors

Participating Companies (as of June 2014, in Japanese phonetic order)

Ajinomoto Co., Inc.
Casio Computer Co., Ltd.
Kirin Holdings Co., Ltd.
JSR Corporation
Sony Corporation
Nikon Corporation
Sumitomo Mitsui Trust Bank, Ltd.

Operations Advisor: Response Ability, Inc.



Details regarding the consortium can be found on the WWF Japan website below.

▶ ["Consortium for Sustainable Paper Use" WWF Japan website](#)

Table: Worldwide trends in biodiversity preservation

| Year | Global Trends | Trends in Japan | Trends in Japanese Industry | Casio Response |
|--------------|---|--|--|--|
| Up to FY2009 | <p>Convention on Biodiversity (1992) Comprehensive treaty for biodiversity preservation adopted</p> <p>COP9 (Bonn) May 2008 Major progress on ocean conservation Issued an interim report on the economic value of biodiversity</p> | <p>Basic Act on Biodiversity Requiring local governments to establish plans for biodiversity preservation, and for companies to take responsibility for promoting self help and cooperating with local governments</p> | | |
| FY2010 | | <p>August Ministry of the Environment's Guidelines for Private Sector Engagement in Biodiversity</p> <p>March National Strategy for the Conservation and Sustainable Use of Biological Diversity 2010</p> | <p>April (Nippon Keidanren) Declaration of Biodiversity by Nippon Keidanren, Action Policies, and Guide to Action Policies</p> | <p>Environmental Action Plan relating to biodiversity preservation established</p> |
| FY2011 | <p>COP10 (Nagoya): October Aichi Biodiversity Targets: Medium and long-term targets relating to ecosystem services Nagoya Protocol: Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization to the Convention on Biological Diversity</p> | | <p>October Japan Business and Biodiversity Partnership started</p> | <p>Casio Group Biodiversity Guidelines established</p> |
| FY2012 | | | <p>Biodiversity working group activities began in the electrical and electronics industry</p> | <p>Casio started the education of relevant divisions and checklist surveys for biodiversity preservation impact assessment</p> |
| FY2013 | <p>COP11 (Hyderabad, India): October Rio +20 (United Nations Conference on Sustainable Development): June Consensus on the establishment of sustainable development goals (SDGs). http://www.uncsd2012.org/</p> | | | <p>Prepare a checklist for biodiversity preservation for both business sites and products, and begin a pilot study</p> |
| FY2014 | | | <p>November Launch of the Consortium for the Sustainable Use of Paper, driven primarily by WWF Japan</p> | <p>Conducted a pilot study on Casio businesses in Japan (user manuals and pamphlets associated with products; copy paper and drawing paper associated with business offices), and the results revealed no major problems</p> |
| FY2015 | <p>COP12 (Pyeongchang, Republic of Korea): October Theme: Biodiversity for Sustainable Development</p> | | <p>May Four electrical and electronics organizations published Let's Study Biodiversity a biodiversity education and outreach tool</p> | <p>Expanded the pilot study focusing on Casio in Japan, formulate a domestic paper procurement policy to be adopted within the fiscal year Participated in the Consortium for Sustainable Paper Use</p> |

Casio Group Biodiversity Guidelines

Basic Policy

The Casio Group recognizes that its existence and business activities depend on the benefits afforded by biodiversity, and that these activities also have an impact on biodiversity. Casio emphasizes biodiversity preservation activities as well as efforts to fight climate change. By including biodiversity preservation in environmental management and creating a system for implementation, the Casio Group is working to build a more sustainable world.

Specific Initiatives

1. Business Activities: Casio will help to build a more sustainable world by creating and providing products and services that encourage consumers to care more about the environment. This will be done by learning from nature and developing technologies that utilize this wisdom.

- Facilitating a paperless society
- Contributing to resource saving by developing original technology
- Developing products with care for nature

2. Impact Assessment: Casio will survey and analyze its impact on biodiversity through activities including R&D, design, procurement, manufacturing, logistics, sales, product use, disposal, and recycling, and at its office and plant locations. It will establish improvement measures and implement them starting with areas of highest environmental impact and benefit.

- Actively taking initiatives for proper procurement of parts (leather, wood, paper, etc.) and materials (mineral resources, etc.) that depend on ecosystem services
- Conducting questionnaire surveys across the supply chain in order to check ecosystem protection efforts for parts and materials that make up products
- Establishing impact assessment methods (checklists and indices) for the Casio Group

3. Information Disclosure: Casio will strive to improve social awareness of biodiversity, by actively disclosing the results of its environmental activities.

4. Community Involvement: Casio will actively support activities that contribute to biodiversity preservation by NPOs and NGOs, government agencies, and local citizens.

5. Full Employee Participation: Casio is aiming for activities that involve the participation of all employees, by increasing understanding of biodiversity preservation, and training employees to act on their own initiative.

March 31, 2011

Yukio Kashio

Chairman, Casio Environmental Conference

For more information on Casio's activities to preserve biodiversity, see the [\[Environmental Communication\]](#).