

BIODIVERSITY CONSERVATION

Initiatives for Biodiversity

Endorsing the aims of the "Declaration of Biodiversity by Nippon Keidanren (the Japan Business Federation)," Mazda promotes initiatives to protect the global environment. In FY March 2012, with the aim of systematically developing its initiatives to protect biodiversity, Mazda conducted an assessment of impacts on biodiversity, and recognized the blessings of nature it receives and the significance of the impacts on ecosystems it gives through business activities. In line with this assessment, the Company established the Mazda Biodiversity Guidelines in December 2012 and has been implementing relevant initiatives in cooperation with society.

Based on the results of the above assessment of impacts on biodiversity, Mazda believes that the Company is not so directly connected with biodiversity, although it ensures cooperation with society and implements a wide variety of awareness-raising activities for its employees and other people concerned. In its core business activities, the Company understands that it generates impacts on biodiversity in no small quantities, especially in energy, water, and other resources. To mitigate such impacts, the Company undertakes a wide variety of efforts in the processes of products, technology, production, and logistics.

In FY March 2017, Mazda conducted its first ecosystem survey at the Miyoshi Plant (Hiroshima Prefecture).

a Process for Assessment of Impacts on Biodiversity

- Step 1: Selecting an assessment target scope
(The assumption is that an assessment will be made for companies with major impacts in the value chain.)
- Step 2: Assessing the levels of the dependence and impacts on ecosystem services, as well as assessing the threat to biodiversity
- Step 3: Identifying business risks and opportunities regarding biodiversity
- Step 4: Identifying priority issues and assessing the current situations of the existing responses
- Step 5: Identifying a direction for future responses

The Mazda Biodiversity Guidelines

[Basic Approach]

Based on "The Mazda Global Environmental Charter," the Mazda Group, recognizing the blessings of nature and the significance of environmental impacts, contributes to the conservation of biodiversity through its corporate activities worldwide, with the aim of establishing and developing a rich, sustainable society that ensures harmony between people and nature.

[Priority Initiatives]

1. Creation of Environmentally Sound Technologies and Products

We will encourage the creation of technologies and products considering harmony between the environment and our corporate activities, by developing technologies that contribute to cleaner emission gases, reduction of CO₂ emissions, research and development of clean energy-based vehicles, promotion of recycling and biodiversity.

2. Corporate Activities in Consideration of Conserving Resources and Energy

We will promote reduction of substances with environmental impact and effective use of resources, and contribute to conservation of biodiversity, through efficient energy use and resource-saving/recycling activities.

3. Collaboration/Cooperation with Society and Local Communities

We will promote local community-based activities, by striving to establish collaboration/cooperation with a wide range of stakeholders including supply chains, local governments, communities, NPOs/NGOs, and education and research institutions.

4. Awareness Enhancement and Information Disclosure

We will take active and self-initiative actions and disclose and share the achievements widely to society, by striving to enhance awareness of the importance of coexistence between people and nature.

Established in December 2012

Examples of Initiatives

| | |
|--|---|
| Creation of Environmentally Sound Technologies and Products | <ul style="list-style-type: none"> •Improving the base technologies comprehensively through the introduction of SKYACTIV TECHNOLOGY and electric device technologies (see pp. 66-67) •Gradually introducing electrification technologies (see p. 65) •Developing and designing product with consideration for recycling (see p. 72) |
| Corporate Activities in Consideration of Conserving Resources and Energy | <ul style="list-style-type: none"> •Improving the facility operation rate and shortening the cycle time in the production process (see p. 73) •Introducing hub-and-spoke system for transportation of completed vehicles and service parts (see p. 75) •Assessing and considering the impact on biodiversity when constructing a new plant |
| Collaboration/Cooperation with Society and Local Communities | <ul style="list-style-type: none"> •Promoting the preservation of forests, the protection of rare species, and the protection of habitats of migratory birds*1 |
| Awareness Enhancement and Information Disclosure | <ul style="list-style-type: none"> •Activities through the Mazda Foundation*1 •Educating employees •Introducing the activities to the inside and outside of the company through the Mazda Sustainability Report etc. |

*1 Mazda Sustainability Report 2017 [Social Contribution Version] <http://www.mazda.com/en/csr/download/>

TOPICS

Mazda's First Ecosystem Survey at the Miyoshi Plant (Hiroshima Prefecture)

In FY March 2017, Mazda conducted its first ecosystem survey*1 at the Miyoshi Plant (Hiroshima Prefecture). With a development facility (proving ground), the Miyoshi Plant does not allow people free access. For this reason, a rich natural environment, including forests and many ponds, has been maintained there for around 50 years. With the cooperation of experts, 17 surveys have been carried out during the past year. As a result, rare species, such as the goshawk, the calanthe and the Chinese pond mussel, have been found on the plant premises. Based on the survey results, Mazda will develop a plan for future activities while continuing to obtain the cooperation of experts, and taking into account its relationships with the local government and people in the local community.



*1 Ecosystem survey: An ecosystem (natural ecosystem) refers to a space consisting of a natural environment and all life forms living there. An ecosystem survey is an investigation of the biotic composition of the specified area.