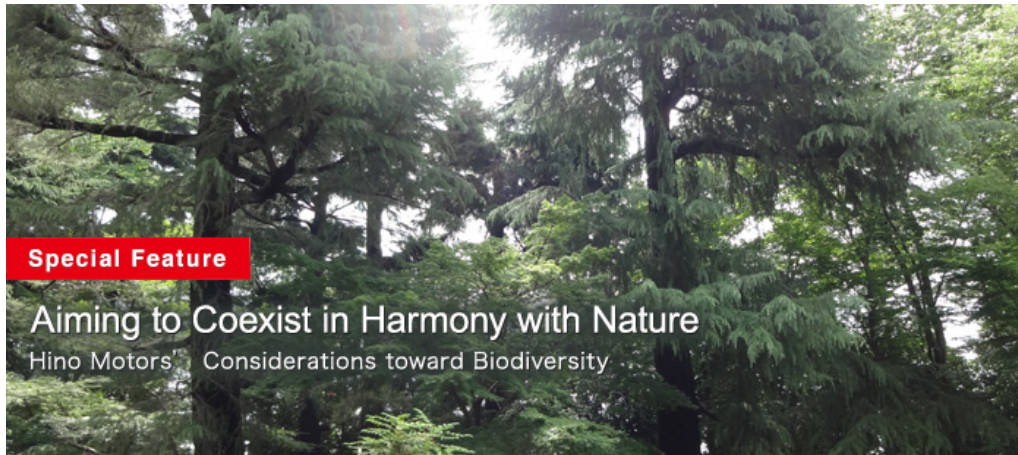


Environmental Performance



At the United Nations Conference on Environment and Development (UNCED), also known as the Earth Summit, which was held in Rio de Janeiro in 1992, the Convention on Biological Diversity was signed as an international treaty with the same global stature as the Climate Change Convention, which was also signed in Rio.

However, given the fact that it can be difficult to directly perceive the effects of initiatives relating to biodiversity, there is still insufficient understanding of their importance. According to the International Union for the Conservation of Nature (IUCN), even today, many wild animals and plants are disappearing from the face of the planet at a speed that is said to be at a rate of one species every seven minutes.

Human life on this planet benefits immeasurably from the natural world.

It is therefore necessary for us to demonstrate greater consideration of biodiversity, passing on the benefits of nature to future generations so that we can ensure the continuation of normal day-to-day life at home and at work 50 or 100 years from now.

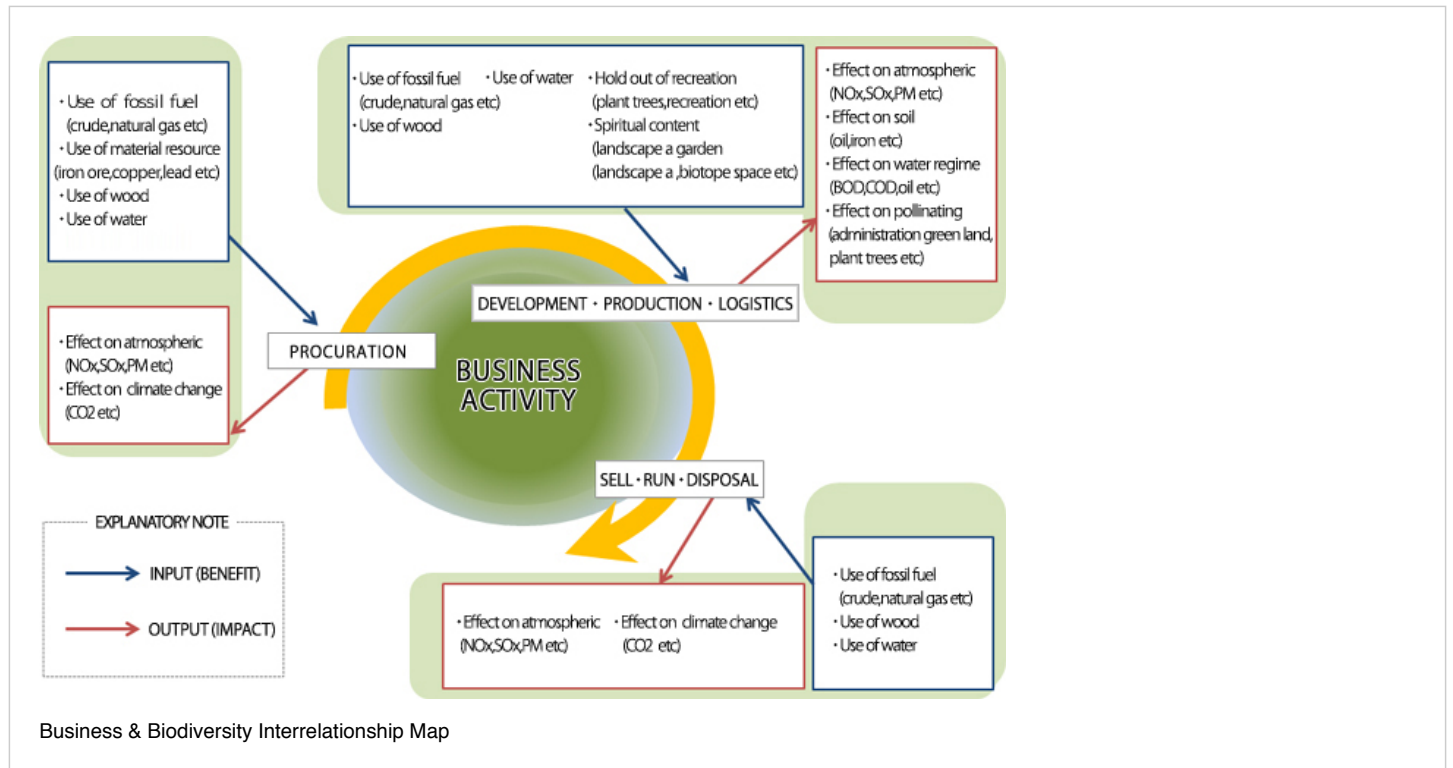
Hino Motors has included considerations toward biodiversity as a specific target in its five-year 2020 Environment Initiative Plan. Based on the key phrase, "coexisting in harmony with nature," we aim to further strengthen our efforts toward biodiversity.

Identifying Business-Biodiversity Interrelationships in Order to Clarify Biodiversity Challenges

The word “biodiversity” refers to the individual characteristics of the many plants and animals on the earth and how they and the places they inhabit are linked directly or indirectly to the earth’s life cycle.

It is said that the business activities of all companies throughout the world have a considerable impact on biodiversity, including such issues as global warming and air and water pollution. Companies are therefore expected to engage in measures to reduce this impact.

Hino Motors started its own initiatives by first analyzing just what impact its business activities have so as to identify the challenges relating to biodiversity. Referring to the “Business & Biodiversity Interrelationship Map” devised by the Japan Business Initiative for Biodiversity (JBIB), Hino Motors created the following diagram to visualize both the benefits from and impact on biodiversity at each stage of the product life cycle.



As illustrated in this diagram, in the course of its business activities, Hino Motors benefits from nature in the product life cycle as a whole, and at the same time, its operations also have an impact on nature.

Important points in our future initiatives will be to reduce in any way we can the environmental load our business activities place on biodiversity and ensure that our business does not adversely affect ecosystems in the vicinity of our business sites.

Below is a diagram that illustrates the key points that Hino Motors will concentrate its efforts on, including details of other major initiatives.



Direction for Considerations toward Biodiversity

Hino Motors has formulated Biodiversity Initiatives that stipulate specific guidelines that the Company should follow in the overall product life cycle as a means of supporting biodiversity.

The key challenges in these initiatives that require attention are compiled into the following set of Biodiversity Guidelines.

BIODIVERSITY GUIDELINES

- ◇ Further pursuit of environmental technologies in products
- ◇ Consideration of regional water resources
- ◇ Contribution to biological diversity by the steady environmental action promotion (carbon dioxide emissions reduction, natural resources saving)
- ◇ Cooperation and collaboration a society
- ◇ Active disclosure of information

In consultation with our partners and other concerned parties, Hino Motors has identified two particular initiatives as priority challenges. These are: “further pursuit of environmental technologies in products” and “consideration of regional water resources.”

Going forward, Hino Motors will focus its efforts on the development of environmentally considerate products in all stages of the product life cycle, looking in particular at ways to reduce the volume of chemical substances used, along with process planning that curbs the generation of waste water and promotes steady water conservation efforts.

As a means of protecting the rich ecosystems in and around our business sites

In 2015, Hino Motors implemented plant and animal surveys at all of around our business sites.

These surveys have revealed the presence of many rare species that are on the International Union for Conservation of Nature (IUCN) Red List, including the soft-shelled turtle, White’s thrush, Nini-cicada and the Tokyo daruma pond frog.



Soft-shelled turtle
(Hino Plant)



White's thrush
(Hamura Plant)



Nini-cicada
(Nitta Plant)



Tokyo daruma pond frog
(Koga Plant)

These surveys have proven the existence of the rich nature that remains in the vicinity of our business sites, and it is precisely this rich natural environment that we should seek to coexist with.

As we continue our business activities in the future, we aim to be a company that coexists in harmony with nature, reducing in any way we can the impact our activities have on plants and animals in and around our business sites, while also maintaining corporate growth.

Ikuko Matsumoto

Researcher, Natural Resources and Ecosystem Services area,
Institute for Global Environmental Strategies



Biodiversity initiatives are not so different from the environmental initiatives that have been pursued to date.

Thinking about the methods by which it is possible to protect natural resources and maintain the benefits that are received from nature will lead to the conservation of biodiversity. What is of the utmost importance is to clearly identify the key points for initiatives, after having first comprehensively understood the positive and negative impacts that business activities have on the natural world in every stage of the product life cycle.

I think that Hino Motors' biodiversity initiatives demonstrate just such an understanding of the various impacts throughout the product life cycle, with the key points as they relate to business activities having been thoroughly analyzed, resulting in guidelines designed to enhance efforts relating to these key points.

The initiatives also serve to promote employee understanding of the issues by carefully explaining the interrelationship between biodiversity and business activities. My impression is that they have been devised in such a way as to ensure that the concepts they contain permeate throughout the workplace, including through employee education and training. They represent a sound basis from which to further promote improved efforts at each workplace.

If incentives such as prizes and commendations were to be established, it would probably lead to further activation and development of biodiversity initiatives. Furthermore, if the guidelines could be created in such a way as to reflect opinions drawn directly from the workplace through monitoring and evaluation, this would ensure bottom-up momentum that would enable a positive cycle for the improvement of initiatives.

Finally, as is also cited in both the initiatives and guidelines, information disclosure about biodiversity and discourse with stakeholders based on such information is also of the utmost importance. If Hino Motors can continue to maintain close communication with stakeholders, it will be possible to consider and devise initiatives that reflect their needs and concerns.

I hope that Hino Motors will continue to further develop and advance such initiatives.