

Planning a Future of Natural Harmony



Relevant GRI Standards: 103-2/304-2

Our Approach

The NTT Group's businesses have an impact on ecosystems. For example, the telecommunication equipment essential to our business operations, particularly telephone poles and communications cables, is installed in the natural environment. At the same time, we are sometimes affected by the ecosystem, for example cables are bit and damaged by squirrels or crows.

Ecosystems full of biodiversity provide the bounty, such as water and food, which is critical to supporting all forms of life on earth. The NTT Group is working to preserve the ecosystems, which are the foundation of society's activities, while also considering the mutual influence between ecosystems and the NTT Group.

Organization for Implementation

The NTT Group has established a Natural Harmony Working Group, which works under the NTT Group Global Environmental Protection Promotion Committee. It is led by the senior manager of the NTT Environmental Protection Office and its members include the people responsible for the environment at the holding company and eight major Group companies. The working group investigates and promotes ecosystem preservation measures in the NTT Group.

Main Initiatives

Environmental Assessments during the Construction of Data Centers and Other Buildings

When planning to construct new data centers or other buildings, we research the historical, social, geographical, biological and environmental attributes of the prospective building site and surrounding district based on our NTT Group Green Design Guideline for Buildings, and endeavor to reflect the necessary aspects in the facility's design.

For example, we use native plant species as vegetation for greening our data centers, which have in recent times become the core components of ICT infrastructure. When drawing up proposals for the construction of new data centers for customers, the NTT Group applies the Comprehensive Assessment System for Built Environment Efficiency (CASBEE*) and submits proposals designed to obtain the highest CASBEE rank of S.

While paying due consideration to the environment in this way, we also take care to minimize noise and vibration and maintain the scenic appeal of the district during construction while endeavoring to ensure that exhaust heat and noise from the air conditioning outdoor units and emergency generators of functioning data centers will have minimal impact on neighboring areas.

* CASBEE: A system for the comprehensive assessment of the quality of a building from such perspectives as environmental performance, interior comfort and scenic appeal

Activities That Contribute to Preservation of the Ecosystem

As a company providing ICT services, we are working on contribution activities that harness our information dissemination capabilities. As with the portal site "Midori no goo" that makes it possible to contribute to environmental protection by using it, we are working to disseminate information and support information exchanges for raising greater awareness about the importance of the ecosystem among society.

In addition, we are working on tree planting and *satoyama** preservation with NTT Group employees working together in every corner of Japan.

* Traditional agricultural landscapes of Japan that are mosaics of arable land, woodlands, and other types of land that have been exploited sustainably for centuries and support rich biodiversity