

Biodiversity Preservation Activities

Policies and Strategies

The Furukawa Company Group positions biodiversity protection as a key management priority and pursues activities based on its Biodiversity Action Guidelines, established in 2012. We continuously assess the impact of our business activities on ecosystems and implement ongoing initiatives to minimize that impact.

[The Furukawa Group's Biodiversity Action Guidelines](#)

Metrics and Targets

FY2024 Targets:

- Promote environmental protection through ongoing greening activities, forest management, etc.
- Promote ecosystem restoration activities on Company-owned land, former mine sites, etc.

FY2024 Results:

- Held discussions with local forest owners' cooperatives about forest management
- Continued firefly restoration activities in the Kune and Ashio areas
- Took steps to have property certified as a "Nationally Certified Sustainably Managed Natural Site" by the 30by30 Alliance

Wildlife Observed on Company Premises



Japanese deer



Bull-headed shrike



Ascalaphus ramburi (Horntail lacewing)

Initiatives

Activities Related to 30by30

At each of our production sites, we monitor surrounding areas and focus on various activities, such as site greening, protection of local rare species, and restoration of plants and animals through reforestation efforts. In addition, we collaborate with local forest owners' cooperatives to engage in various activities aimed at the healthy growth of Company-owned forests.

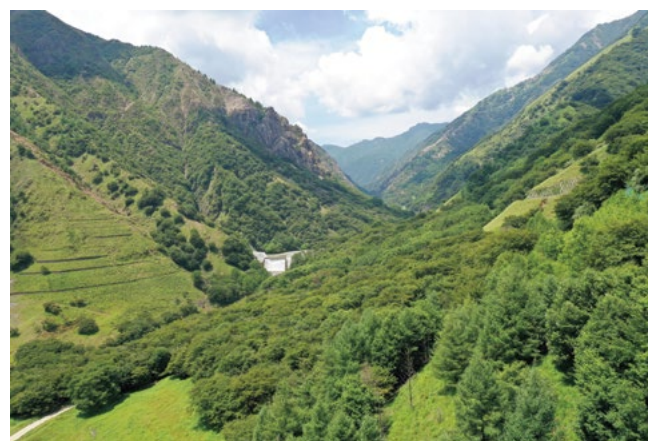
Rather than using introduced species, we select native species of local origin for our greening activities.

In the Matsuki Valley (Ashio-machi, Nikko City, Tochigi Prefecture), the formerly abundant nature is coming back. In the Ashio area, which includes the Matsuki Valley, investigations have revealed that the ecological pyramid is being reshaped, with birds of prey at the top, followed by mammals (such as Asian black bears and Japanese serows), birds, amphibians, and reptiles.

As a concrete initiative for ecosystem preservation, we have designated the site of our former Ashio Copper Mine (Ashio-machi, Nikko City, Tochigi Prefecture) as an area for proactive biodiversity activities. There, we are engaging in tree planting and ecosystem restoration and are taking action to be certified as a "Nationally Certified Sustainably Managed Natural Site" as we work to achieve the 30by30* goal.

Going forward, we will carry on with greening efforts not only in the Ashio area but also at Company-owned properties throughout Japan, furthering activities for the restoration and recovery of abundant ecosystems.

* 30by30: A global goal aimed at halting and reversing biodiversity loss to achieve a "nature positive" outcome by 2030. The goal is to effectively conserve more than 30% of the earth's land and ocean areas as healthy ecosystems by 2030.



Matsuki Valley

Firefly Restoration Activities

Fireflies are organisms that reflect environmental conditions, with their presence considered a sign of a healthy water environment. It is said that Genji-Botaru (*Luciola cruciata*) used to dance wildly at the former Kune Mine (Tenryu Ward, Hamamatsu City, Shizuoka Prefecture), which, along with the Ashio Copper Mine once supported the copper-producing operations of Furukawa Co., Ltd. With the aim of restoring an environment where fireflies can live sustainably and leaving it to the next generation, we have continued restoration activities at the former mine sites. As a result, the fireflies can now be seen dancing from late June to early July each year.

We also engage in activities to protect and restore the natural environment in the Ashio area to create a natural environment where familiar wildlife can thrive.

In fiscal 2021, we began firefly restoration activities at the former Ashio Copper Mine site (Nikko City, Tochigi Prefecture), and in fiscal 2022 we were able to confirm the existence of active fireflies. In fiscal 2025, many fireflies once again filled the area, attracting local residents who came to enjoy the sight. This demonstrates how the results of our activities are spreading throughout the community.

We will continue focusing on the protection and restoration of environments where fireflies can flourish throughout their entire lives, with the aim of regenerating rich ecosystems.



Light trails of fireflies around the biotope (on Company-owned land in Ashio, Nikko City)

Continuous Mountain and Forest Management (Company-Owned Mountain Forestland)

Mountain forestland owned by the Company, totaling approximately 2,200 hectares nationwide, contributes to protection of biodiversity, securing water resources, and so on.

We carry out mountain and forest management in collaboration with local forest owners' cooperatives, systematically thinning, clearing undergrowth, trimming branches, and so on, for the sound development of the mountain forestland.

In the Onuma Forest (Toyone Village, Kitashitara District, Aichi Prefecture), we are preparing for future tree cutting and replanting in consultation with a local forest owners' cooperative, in addition to conducting thinning operations. In the Kune Forest (Tenryu Ward, Hamamatsu City, Shizuoka Prefecture), we have entered into a forest management outsourcing agreement with the local forest owners' cooperative to carry out maintenance and upkeep of the forest.

In the Onuma Mountain Forest, there is an enormous Japanese horse chestnut tree (root circumference 15.3 m; diameter at breast height 7.48 m; height 32.5 m; branch length 46 m; estimated age of more than 500 years) that we have been carefully safeguarding for many years. In April 2008, the tree was designated a natural monument of Toyone-mura, Aichi Prefecture, and in July 2022, it was newly selected to be a designated cultural property (natural monument) of Aichi Prefecture.

In addition, we are continuously maintaining a Company-owned mountain forestland in the Ashio area of Nikko City, Tochigi Prefecture, and have started looking to create a policy for sustainable forest use with a focus on carbon neutrality.



Forest in Ashio (Nikko, Tochigi Prefecture)

Business Initiatives

As part of our efforts to reduce the environmental impact of business activities, we are taking specific measures, such as switching to LED lighting, introducing energy-efficient equipment, and installing new solar power systems to cut CO₂ emissions. We are also taking steps to conserve water resources by reusing water and reducing overall consumption. Furthermore, we are reviewing production processes and updating pollution control equipment to minimize the release of hazardous substances into the atmosphere and public waterways.

We also manufacture and sell various products that help protect the environment. These include chemical products, such as inorganic coagulants for water treatment (polyferric sulfate aqueous solution for sewage purification and aluminum sulfate for water supply purification).