

Materiality

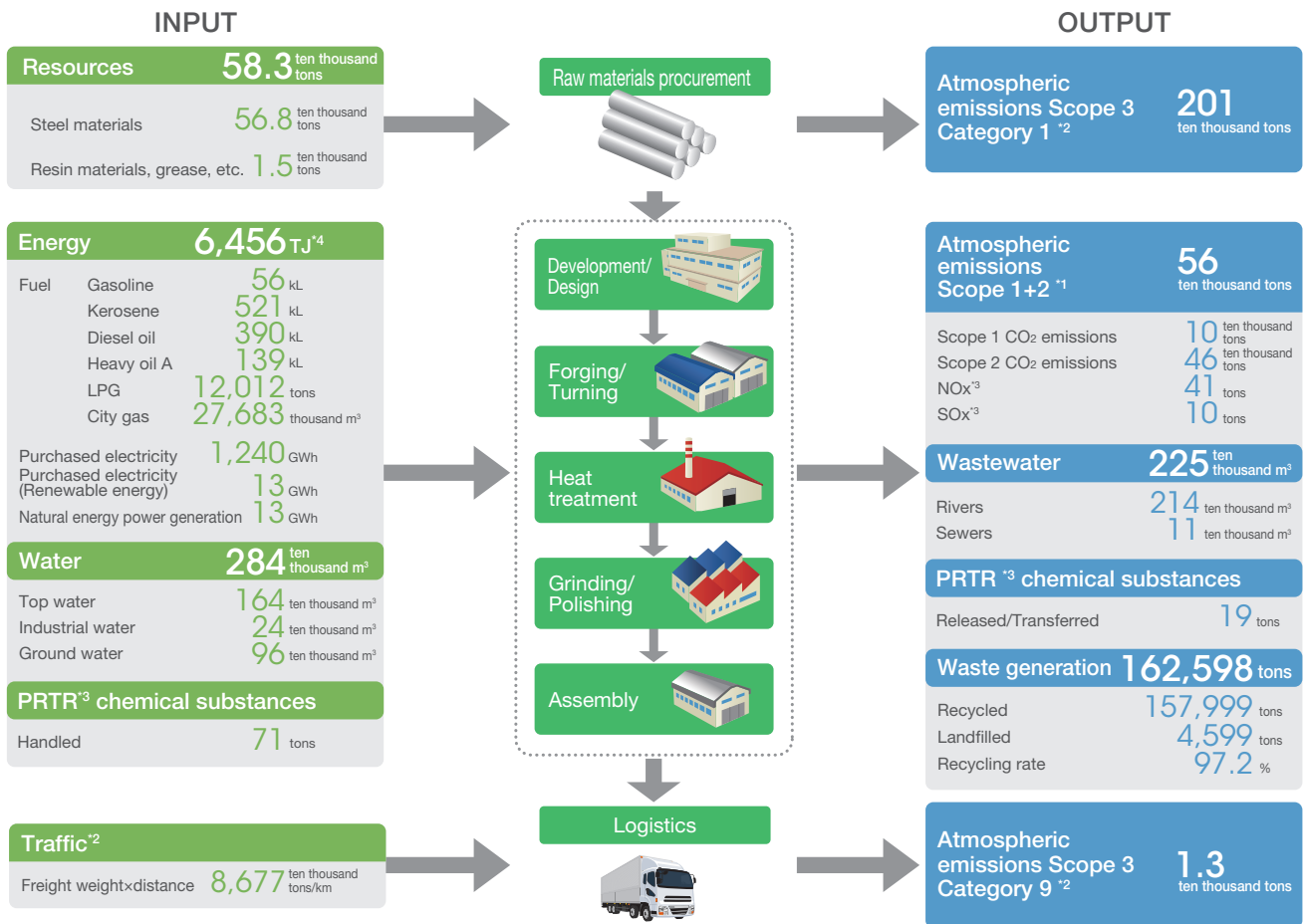
Resource recycling and pollution prevention

The NTN Group has established a system to comprehensively promote the 3Rs (Reduce, Reuse, Recycle), taking into consideration the sustainable use of resources, input resources such as raw materials and water, and waste reduction. In addition, we thoroughly manage chemical substances used in our products and manufacturing processes, and actively promote the conversion of procured products containing PRTR*-listed chemical substances to alternatives. We have set annual targets for the amount of waste generated, the recycling rate, and the amount of chemical substances subject to the PRTR Law handled, and are promoting efforts to achieve these targets.

*Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof

Material Balance

Material balance of business activities (Fiscal year ended March 31, 2023)



*1 Calculated using emission factors sourced from "Electric Utility Emission Factors" (Ministry of the Environment and the Ministry of Economy, Trade and Industry) in Japanese sites and calculated using emission factors sourced from "Emissions Factors 2022" (IEA) in overseas sites.

*2 Transport volume and Scope 3 CO₂ emissions are results in Japan only.

*3 NO_x, SO_x, PRTR chemical substances, and recycled amount are results in Japan only.

*4 The energy of electric power is calculated using physical quantity (3.6MJ/kWh), and the energy of fuel is calculated using the emission factor sourced from "Emission intensity database for calculation of greenhouse gas emissions of organizations through the supply chain (Ver.3.3)" (Ministry of the Environment).

Please refer to the website for details on "Resource Recycling and Pollution Prevention" <https://www.ntnglobal.com/en/csr/environment/chemical.html>

Biodiversity Preservation

In cooperation with local residents and non-profit organizations (NPOs), The NTN Group is working to conserve forest ecosystems through sustainable forest management, such as appropriate thinning and afforestation, and to preserve biodiversity by protecting endangered species in the vicinity of each business site and by maintaining natural parks. Since the COVID-19 pandemic, we have been working to ensure that our activities do not become a mere formality by adjusting the number of participants and taking thorough measures to prevent infection.

Environmental Contribution to the Community

As part of its environmental contribution to the local community, The NTN Group promotes environmental protection activities in mutual cooperation with the local community through various activities such as cleanups, weeding, and tree planting along roads, rivers, beaches, and parks around its business sites. Through our activities, we will continue to make further efforts to strengthen cooperation and build good relationships with surrounding residents and other interested parties.

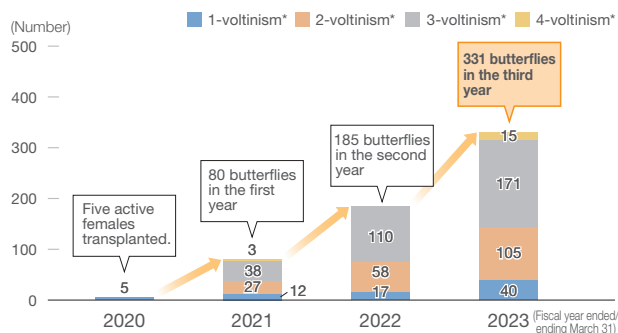


Tree-planting scene at Chubudai Sports Park (Mikumo Works)

Conservation Activities for the Endangered Reverdin's Blue (butterfly)

Nagano Works (Japan) signed a biodiversity partnership agreement with Nagano Prefecture in 2019 and has established a sanctuary for the endangered Reverdin's Blue (butterfly) within the works to continue conservation activities. Since the establishment of the sanctuary, we have faced various problems, such as a lack of indigo plants, on which the larvae feed, due to a large number of inchworms and aphids, and predation of the larvae by natural enemies such as paper wasps and praying mantis. However, the population has steadily increased as a result of replanting of indigo plant and implementation of measures such as extermination of natural enemies on a case-by-case basis. In August 2022, we accepted work experience students from a local high school and organized a special class to help students understand the importance of biodiversity and participate in the conservation of the Reverdin's Blue (butterfly). As for future activities, since the population has been steadily increasing due to protection activities, we will continue to accept outside visitors and increase the number of sanctuaries within the business site to further increase the population through more active protection activities.

Reverdin's Blue Butterfly sanctuary, Number of adult occurrences (Nagano Works)



*There are 1, 2, 3, and 4 voltinism, respectively, depending on the number of generations per year, and those that are 3 or more voltinism are called multi-voltinism.



Male 3-voltinism imago perched on a verberna flower.

Please refer to the website for details on "Environmental Protection."
<https://www.ntnglobal.com/en/csr/environment/protection.html>