Biodiversity

Initiatives Related to Biodiversity

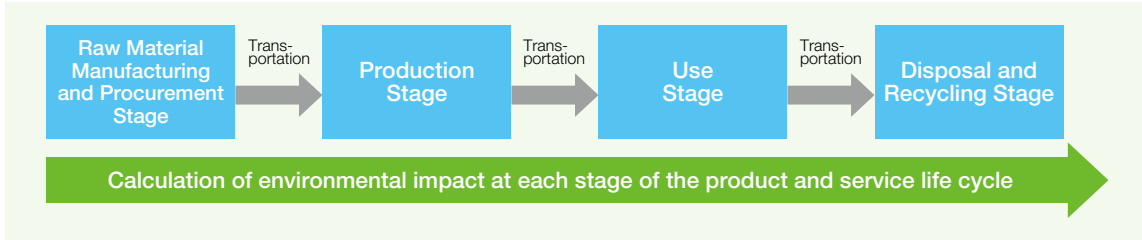
Nihon Kohden recognizes that natural capital, including climate and biodiversity, is essential to our business activities and may also be impacted by our business activities. The conservation of the global environment, including measures to address climate change, is a critical social issue facing global society and one of the most significant management issues for us. Therefore, we strive to avoid and minimize the negative impacts of our business activities, aiming for a society in harmony with nature. Specific biodiversity-related initiatives are currently under discussion by the Sustainability Promotion Committee.

Building a Circular Society

Promotion of Life Cycle Assessment (LCA)

LCA is a method for quantitatively assessing the environmental impact of products or services during their entire lifecycle, from raw material extraction and processing to manufacturing, distribution, usage and disposal. Nihon Kohden launched the Green Product Label certification structure in March 2024 and has been conducting LCA and environmental assessments for our products and services. We aim to reduce environmental impact through our business activities by expanding environmentally friendly products.

Life Cycle Assessment Image Diagram



Enhancement of Environmentally Friendly Products

Nihon Kohden has developed and provided Environmentally Friendly Products that take the global environment into consideration, as one of our efforts to contribute to society through our business activities.

Green Product Label Certification Structure

In March 2024, we launched an initiative to certify products and services that meet the standards, based on LCA* or environmental assessments, with the Green Product Label, a self-declared environmental label compliant with ISO 14021 Type II. Following a review and approval process, products and services are certified in a four-tier assessment ranking based on their contribution to reducing environmental impacts, such as CO_2 emissions, compared to existing products and services.

LCA is conducted for products and services, with certifications of three stars for CO_2 emission reductions of 50% or more, two stars for 25% or more, one star for 10% or more, and no stars for 1% to 10% compared to existing products. Products and services meeting the Company's internal environmental assessment standards are also certified with no stars.

As of April 2025, 22 products have been certified. Bedside monitors CSM-1501/1502 have been certified with three stars, and the automated external defibrillator AED-3100 has been certified with two stars.

* LCA (Life Cycle Assessment) is a method for quantitatively assessing the environmental impact of products or services during their entire lifecycle, from raw material extraction and processing to manufacturing, distribution, usage, and disposal of products.

Three Stars Certified Products



Bedside monitors, CSM-1000 series, Lifescope G5 (CSM-1501/1502)

Assessment Results

CO_2 emission per unit of the CSM-1501 and CSM-1502 are reduced by 63.4% and 56.9%, respectively, compared to the existing model, the CSM-1901.

Two Stars Certified Products



Automated external defibrillator, AED-3100 series, Cardiolife (AED-3100)

Assessment Results

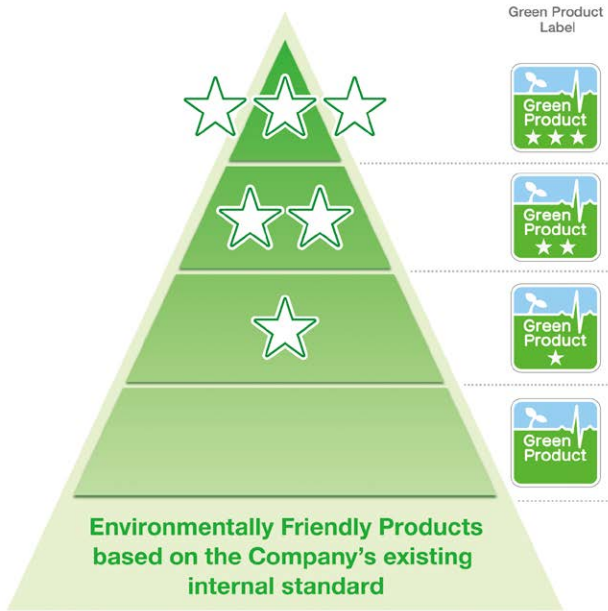
CO_2 emission per unit of the AED-3100 is reduced by 28.4% compared to the existing model, the AED-2100.

No Stars Certified Products' Environmental Assessment Standards

Confirmation of improvement in four or more of the following items:

- Miniaturization of the product
- Weight reduction of the product
- Energy saving
- Reduction in the number of parts used
- Efficiency in disassembly
- Reduction in the mass of packaging materials (paper)
- Reduction in the mass of packaging materials (plastic)
- Reduction in the mass of packaging materials (metal)

Green Product Label Rating Ranking



Green Product Label

Green Product ★★★
Green Product ★★
Green Product ★
Green Product

Standards for the Green Product Label

(Three Stars) Products and services which are certified as reducing CO_2 emissions by ***50% or more*** compared to existing products through the implementation of LCA

(Two Stars) Products and services which are certified as reducing CO_2 emissions by ***25% or more*** compared to existing products through the implementation of LCA

(One Star) Products and services which are certified as reducing CO_2 emissions by ***10% or more*** compared to existing products through the implementation of LCA

(No Stars) a) Products and services which are certified as reducing CO_2 emissions by ***1% to 10%*** compared to existing products through the implementation of LCA

b) Products and services which are certified as having a lower environmental impact compared to existing products based on the Company's internal environmental assessments

For further details, please refer to our website.

Green Product Label Certification Structure