

Appendix



Environmental Policy

Kirin Group's Environmental Policy

Basic Policy

The Kirin Group places sustainable business growth based on solving social issues at the core of its management, and enriches society and the Earth for future generations through positive impact on people and the environment.

Action Policy

In all aspects of our business activities, we have set ambitious targets related to solving social issues connected to the environment as one of the most material management issues, and we will focus on achieving these targets under the leadership of top management and through the participation of all employees.

■ Compliance

We will comply with all environmental laws, regulations, and agreements as well as voluntary control standards related to our business activities with high moral values.

■ Technological development

In addition to developing and adopting innovative technologies and methods, we will work with our customers and broad stakeholders to resolve issues on a sustainable basis.

■ Environmental management

We will develop an environmental management system and make continuous improvements in accordance with our business strategy.

■ Fostering human capital

We will continuously develop human resources who can create and implement a positive impact on the environment and society as a whole, beyond our own company and its framework.

■ Communication

We will disseminate highly transparent and reliable information and broadly promote communication with stakeholders.

Revised on October 2021

Policies on Biological Resources

Kirin Group's Declaration of Support for Biodiversity Conservation

Kirin Group relies on the bounty of nature to make products. We utilize the power and wisdom nature has to offer in conducting its business activities. Because of that, we recognize the importance of conserving biodiversity as business challenges. Kirin Group actively pursues a broad range of activities to protect biodiversity in order to continue offering new joys of "food and well-being" into the future.

1. Kirin Group promotes sustainable use of resources while ensuring conservation of biodiversity

The Kirin Group is committed to sustainable use of resources while taking biodiversity into consideration in all of its business activities so that all people around the world may continue to enjoy the bounty of nature.

2. Kirin Group makes effective use of its technologies

As a company that offers new joys of "food and well-being," the Kirin Group makes effective use of its technologies when conducting business activities to contribute to the sustainable use of resources and protection of biodiversity.

3. Kirin Group works in cooperation with stakeholders

Kirin Group adds a biodiversity perspective to the environmental protection activities which have continuously been engaged in and works in cooperation with customers and local partners to continue conserving biodiversity.

4. Kirin Group properly complies with treaties and laws

Kirin Group complies with treaties, laws and regulations concerning biodiversity and strives to help people enjoy the blessings of biodiversity worldwide.

Established and released on October 2010

Kirin Group's Guidelines on Sustainable Sourcing of Biological Resources

Purpose

The purpose of the Guidelines is to present the fundamental principles of the Group so that it can continue to ensure the "sustainable sourcing of biological resources" based on the Kirin Group's Declaration of Support for Biodiversity Conservation.

Applicable Scope

The Guidelines apply to biological resources procured by the Kirin Group's operating companies in Japan for which the Group has specified that there is risk of illegal deforestation, environmental destruction and such like based on risk assessment performed.

Guidelines on Sustainable Sourcing of Biological Resources

Kirin Group procures applicable biological resources based on the following principles.

1. Resources that the Group has confirmed; not to derive from a plantation developed illegally, to have been produced through appropriate procedures in compliance with the laws and regulations of the areas where the raw material is produced.
2. Resources deriving from plantations, forests, etc. that have been certified by credible third parties.
3. Resources that have not been produced by entities which are considered to be involved in environmental destructions.^{*1}

Implementation and Operation

The Kirin Group regularly revises these Guidelines based on biodiversity risk assessments for products sourced, taking into account the issues associated with biological resources and the fact that sourcing conditions differ for each region. In addition, the Kirin Group also separately formulates action plans and implements them in phases, taking into consideration the unique characteristics of each country or region. When implementing initiatives, the Kirin Group cooperates with suppliers, specialists, NGOs, and other stakeholders, and adopts a long-term perspective that considers support to enable people working in areas producing raw materials to transition to means of production that take into account the sustainability of biological resources.

Information Disclosure and External Communication

The Kirin Group is committed to maintaining transparency and disclosing the progress of its initiatives through sustainability reports, Home Pages, and other methods. At the same time, the Kirin Group also utilizes appropriate external communication to promote understanding among customers, partners, and society, and thereby increase the use of sustainable biological resources.

^{*1} Reference is currently made to the FSC's Policy for the Association of Organization with FSC.

Established on December 2012, Released on June 2013

Kirin Group Action Plan for the Sustainable Use of Biological Resources

In order to achieve both global and business sustainability in all raw materials we handle, we will utilize the inherent regenerative power of the natural environment, including land and sea areas, and the balance of ecosystems, and work to conserve and enhance them, and aim for sustainable use of biological resources that does not involve deforestation.

By promoting the production and procurement of certified products and raw materials through regenerative agriculture^{*2}, we will support the reduction of greenhouse gas emissions, the restoration and conservation of biodiversity and the efficient and sustainable use of water resources in an integrated manner, ensure the traceability of raw materials from production to use and increase transparency and reliability, while supporting our suppliers to become economically independent and produce on a long-term basis.

Black Tea

Kirin Holdings aims to enhance sustainability of tea farms in Sri Lanka, the main raw material production area from which Kirin Beverage Company, Limited sources tea leaves.

- Kirin Holdings will support for farms to get Rainforest Alliance Certification by Sri Lankan tea farms that supply tea leaves, and thus increase the number of farms with certification^{*3}.
- Kirin Holdings will enhance awareness through year-round products featuring the Rainforest Alliance Certified label.
- Kirin Holdings will conserve water sources at Sri Lankan tea farms.

Other Policies

Paper and Printed Materials

Kirin Holdings will maintain 100% usage of FSC-certified paper or recycled paper, which it achieved at Kirin Holdings Company, Limited, Kirin Brewery Company, Limited, Kirin Beverage Company, Limited, and Mercian Corporation in 2020, and Kirin Holdings will also expand this initiative to cover all Group companies, including those outside of Japan.

- For paper containers and packaging^{*4}, by 2030, Kirin Holdings will 100% use paper that has been confirmed to be from sustainable sources^{*5*6}.
- For other paper, Kirin Holdings will use paper that has been confirmed to take sustainability into consideration or recycled paper^{*7}.

Palm Oil

In Kirin Holdings' domestic businesses, Kirin Holdings will ensure that 100% of transactions for palm oil used as a primary or secondary raw materials have RSPO certification.

- For palm oil used as a primary raw material, Kirin Holdings will use RSPO Credits^{*8}. By 2030, Kirin Holdings will begin sourcing RSPO-certified palm oil^{*9}, and gradually transition palm oil procurement.
- For palm oil used as a secondary raw material, Kirin Holdings will use RSPO Credits. Kirin Holdings will work together with the RSPO, suppliers, NGOs, and various stakeholders to ensure that Kirin Holdings' suppliers are able to use RSPO-certified palm oil as a raw material.

Coffee

Kirin Holdings aims to enhance sustainability of coffee farms in Vietnam, the main production area from which Kirin Beverage Company, Limited sources coffee beans.

- Kirin Holdings will support to get Rainforest Alliance Certification by Vietnamese coffee farms, and thus increase the number of farms with certification.
- Kirin Holdings will enhance the ability of Vietnamese coffee farms to conserve water.

Soybeans

Kirin Holdings will use soybeans and processed goods^{*10} from highly sustainable farms at Kirin Brewery Company, Limited.

- Kirin Holdings will determine farms from which it will source soybeans.
- Kirin Holdings will confirm the sustainability of the soybean farms that it has determined.

^{*2} Kirin's regenerative agriculture is a form of agriculture that contributes to climate change mitigation by restoring soil health and enhancing its carbon sequestration effect, as well as restoring and maintaining biodiversity through the efficient and sustainable use of water resources. Kirin will promote regenerative agriculture according to the characteristics of each agricultural raw material.

^{*3} Kirin Holdings will set specific targets in Kirin Holdings' CSV commitment.

^{*4} Excludes limited-edition products, small-lot product varieties, special shapes, imported products, products regulated by law, etc.

^{*5} Kirin Holdings will prioritize FSC-certified paper. When the use of FSC-certified paper is cannot be used, Kirin Holdings will use paper complying with the following standards, in order: paper made with wood from FSC-managed forests (Controlled Wood), PEFC certification (for regions where sustainability has been confirmed only), and the Kirin Group Guidelines for the Procurement of Sustainable Biological Resources. When using paper that has not been third-party certified, etc., Kirin Holdings will confirm that sustainability has been taken into consideration through supplier surveys, etc.

^{*6} This will apply to the following operating companies: Kirin Holdings Company, Limited, Kirin Brewery Company, Limited, Kirin Beverage Company, Limited, Mercian Corporation, Kyowa Kirin Co., Ltd., KYOWA HAKKO BIO CO., LTD., Lion Pty Limited, and Koiwai Dairy Products CO., LTD. Kirin Holdings will determine the applicable container types, target year for achievement, etc., in Kirin Holdings' CSV commitment.

^{*7} This will apply to the operating companies listed in *5, as well as the following operating companies: KIRIN GROUP LOGISTICS CO.,LTD. Kirin City Co., Ltd., and INTERFOOD SHAREHOLDING COMPANY Each company will set specific targets.

^{*8} Book and Claim model

^{*9} Complying with one of the following: IP (Identity Preserved), SG (Segregation), or MB (Mass Balance)

^{*10} Soybean protein

Policies on Biological Resources

- Kirin Group's Principles of Managing Access to Genetic Resources

Policies on Plastic

- The Kirin Group Plastic Policy

Consideration of the Environment in Product Development

- Guidelines on Environmentally Conscious Design for Containers and Packaging

Carbon Credit Policy

- Kirin Group Carbon Credit Policy

For details on environmental policies, including the above, please refer to the following:

https://www.kirinholdings.com/en/sustainability/materiality/env/e_policy/

Kirin Group Sustainable Procurement Policy

Please refer to the following:

<https://www.kirinholdings.com/en/sustainability/materiality/supplychain/csr/>

Kirin Group Sustainable Supplier Code

Please refer to the following:

https://www.kirinholdings.com/en/sustainability/files/pdf/kirin_groupsustainable_supplier_code_24_en.pdf

Established on February 2013

Revised on June 2025

Policy Recommendations

Participation in the RE100 Climate Group policy working group to create recommendations for the Japanese government

As a member of RE100, Kirin Holdings participated in the policy working group from January to March 2024 to create recommendations for the Japanese government, including expanding renewable energy capacity to achieve the 1.5°C target. A message from the then-Senior Executive Officer of Kirin Holdings, Hiroshi Fujikawa is posted on the Climate Group website. <https://www.there100.org/our-work/news/re100-calls-japanese-government-urgently-grow-renewables-capacity>

Participation in the “Japan Business Coalition for a Global Plastics Treaty”

Kirin Holdings has been participating in the “Japan Business Coalition for a Global Plastics Treaty” since its establishment in November 2023. This coalition conducts policy advocacy with the Japanese government to establish an ambitious international treaty aiming to eliminate plastic pollution. In July 2025, we submitted a request to the Ministry of the Environment, the Ministry of Economy, Trade and Industry, and the Ministry of Foreign Affairs, who are in charge of treaty negotiations, urging the Japanese government to make every effort to draft a legally binding and ambitious international treaty at the fifth session of the Intergovernmental Negotiating Committee (INC-5.2) to end plastic pollution.

Signing the “Business Statement for COP15 (Mandatory Assessment and Disclosure of Nature Impacts)” by Business for Nature

Kirin Holdings endorsed and signed the “Business Statement for COP15” on October 18, 2022, which was initiated by Business for Nature and called on companies worldwide, including our own, to support the mandatory assessment and disclosure of impacts and dependencies on nature by all businesses and financial institutions.

This endorsement was made in the context of the 15th Conference of the Parties to the United Nations Convention on Biological Diversity (COP15), held in Montreal, Canada in December 2022, with the goal of halting and reversing biodiversity loss by 2030.

Expressing support for the Ministry of Economy, Trade and Industry’s “GX League Basic Concept”

Kirin Holdings expressed support for the “GX League Basic Concept”

announced by the Ministry of Economy, Trade and Industry in March 2022. The “GX League” is a platform where companies actively involved in Green Transformation (GX) collaborate with government, academia, and finance players to discuss and implement economic and social system transformation and create new markets.

Joining the “30by30 Alliance for Biodiversity”

Kirin Holdings joined the “30by30 Alliance for Biodiversity,” led by Japan’s Ministry of the Environment, on April 8, 2022. The “30by30” initiative aims to conserve and protect 30% of the Earth’s land and sea areas by 2030, contributing to biodiversity conservation. We believe that Kirin Group’s biodiversity conservation activities and the knowledge gained from them can contribute to other effective area-based conservation measures (OECMs).

Participation in WWF Japan’s “Plastic Circular Challenge 2025”

On February 22, 2022, Kirin Holdings participated in the “Plastic Circular Challenge 2025,” a framework called for by WWF Japan to address plastic issues related to containers and packaging, and disposable plastics by 2025. In October 2025, the initiative developed a “Joint Proposal for Promoting Advanced Resource Circulation” addressed to the Minister of the Environment and the Minister of Economy, Trade and Industry. Kirin Holdings, as a representative company, submitted the proposal to officials at the Ministry of the Environment and exchanged views. <https://www.wwf.or.jp/campaign/pcc2025/> (in Japanese)

Endorsement of the Japan Climate Action Summit 2025 Declaration: “Leading the Transition to a Decarbonized Society — We Will Never Stop —”

In November 2025, Kirin Holdings endorsed the Japan Climate Action Summit 2025 Declaration: “Leading the Transition to a Decarbonized Society — We Will Never Stop —,” released by the Japan Climate Initiative. Released on the 10th anniversary of the Paris Agreement and ahead of COP30, this declaration reaffirm the significance of mission and determination of non-state actors in Japan to overcome the climate crisis, with endorsement from 340 organizations. To sustain a future beyond 2030 where the 1.5°C target is achieved, we pledge to accelerate energy efficiency, maximize the expansion of renewable energy, and strengthen collaboration among stakeholders

both domestically and internationally, and lead a resolute transition to a decarbonized society.

Participation in the Climate Leaders Coalition

Lion continues to participate in the Australian Climate Leaders Coalition (CLC), which is committed to leading corporate responses to climate change through transparent and meaningful action on mitigation and adaptation. By participating in the CLC, we call for policies and investments that enable Australia to transition to a zero-carbon economy. As a participant, we commit to measuring and publicly reporting emissions, setting public emission reduction targets, and collaborating with suppliers to reduce emissions.

Participation in the Study Group on Non-Financial Information Disclosure

Since 2021, Kirin Group’s CSV Senior Executive Officers have been participating in the Ministry of Economy, Trade and Industry’s Study Group on Non-Financial Information Disclosure. This study group examines the ideal form of disclosure and disclosure media that lead to high-quality dialogue with users of non-financial information and aims to accurately communicate Japan’s position on non-financial information disclosure and guidelines internationally. The CSV Senior Executive Officer also participated in a panel discussion at the “TCFD Summit 2020” (hosted by the Ministry of Economy, Trade and Industry, co-hosted by WBCSD and the TCFD Consortium) held on October 9, 2020.

In 2020, we served as a member of the sector-specific guidance review committee (food sector) and contributed to the “TCFD Guidance 2.0” published by the TCFD Consortium on July 31, 2020. From 2022 to 2023, we also participated in the Ministry of the Environment’s “Nature Positive Economy Study Group.” This study group aimed to address the integrated resolution of issues such as climate change and the Circular Economy, considering the relationship between biodiversity, natural capital, and business, based on Japan’s industrial structure.

Participation in Policy Recommendations to the Government through the Renewable Energy Institute

In November 2025, Kirin Holdings participated in the development of recommendations on improving systems and rules for expanding the use of renewable energy, led by the Renewable Energy Institute, as a company proactively committed to advancing renewable energy use.

Voluntary Participation Leading to Policy Recommendations

Participation in Consortiums and Government Activities (Organization Names / Activity Content)

RE100

We are a member of the international initiative "RE100," which consists of companies aiming for 100% renewable energy for electricity. We are working towards achieving 100% renewable energy for electricity by 2040.

Japan Climate Initiative (JCI)

We participate in this network to strengthen information sharing and dialogue with companies and local governments that are actively working on climate change measures.

TCFD Consortium

Kirin Holdings has been a member of the "TCFD Consortium" since its establishment in 2019. In 2020, we served as a committee member for the sector-specific guidance review committee (food sector).

We Mean Business Coalition

Kirin Group is committed to setting emission reduction targets approved by SBTi and to reporting climate actions in mainstream reports using a recognized framework as CDSB, which are advocated by We Mean Business Coalition.

Science Based Targets Network

SBTN sets scientifically grounded targets for natural capital and aim to achieve a sustainable global system. Kirin Holdings has set targets aligned with the SBTi (Science Based Targets initiative) standards for GHG emission reduction, obtaining the "SBT1.5°C" certification in 2020 and the "SBT Net Zero" certification in 2022. Subsequently, in light of the transformation of the group's business portfolio and the revision of the SBTi's net-zero standards due to changes in the external environment, we reacquired "SBT Net-Zero" certification in March 2026 and established the "FLAG (Forest, Land and Agriculture) target," which focuses on reducing emissions associated with deforestation and land-use change.

We are the first company in the Japanese pharmaceutical and food industries to participate in the Corporate Engagement Program (CEP) of SBTs for Nature, which discusses rule-making for the new initiative for setting natural capital targets following the SBTi.

United Nations Global Compact

Kirin Group has been participating in the United Nations Global Compact (GC), the world's largest sustainability initiative where the UN, companies, and organizations collaborate to achieve a sustainable society through the practice of 10 principles in human rights, labor, environment, and anti-corruption, as well as the promotion of SDGs, since September 2005.

UN Global Compact Network Japan

The Global Compact Network Japan (GCNJ), the Japanese network of the UN Global Compact, has been operating as a platform for promoting the initiative with participation from many companies and organizations since its establishment in 2003. In June 2025, CEO Yoshinori Iozaki assumed the position of Representative Director. For more information, please visit the GCNJ website. <https://www.ungcnj.org/gcnj/greeting.html> (in Japanese)

Japan Sustainability Local Group (JSLG)

Kirin Holdings participates as a director member of the Steering Committee of CGF.

National Movement for Creating a New and Prosperous Lifestyles toward Decarbonization

Kirin Group participates in the new national movement for decarbonization, "Creating a New and Prosperous Lifestyle toward Decarbonization," which started in 2022. We also participate in the "Public-Private Partnership Council for New National Movement" supporting this movement.

Keidanren Voluntary Action Plan

The Brewers Association of Japan, which Kirin Brewery is a member of, and the Japan Soft Drink Association, which Kirin Beverage is a member of, participate in Japan Federation of Economic Organizations' environmental impact reduction efforts, working on GHG emission reduction and waste recycling.

Private Sector Engagement Initiative on Biodiversity

Kirin Holdings participates in the "Private Sector Engagement Initiative on Biodiversity," established in 2010 by The Nippon Keidanren, the Japan Chamber of Commerce and Industry, and KEIZAI DOYUKAI (Japan Association of Corporate Executives).

Forest Supporters

Kirin Group participates in the "Forest Supporters" campaign, a national movement to promote beautiful forest creation, organized by the National Land Afforestation Promotion Organization.

Rainforest Alliance Consortium

Kirin Group has been a founding member of the "Rainforest Alliance Consortium," established in September 2015 by the Rainforest Alliance and companies handling its certified products, aiming to promote sustainable agriculture.

Consortium for Sustainable Paper Use (CSPU)

Kirin Group has been a founding member of the "Consortium for Sustainable Paper Use," established by five (currently eleven) companies and WWF Japan, promoting sustainable paper use.

Japan Clean Ocean Material Alliance (CLOMA)

Kirin Group participates in the "Japan Clean Ocean Material Alliance (CLOMA)," established to solve the global marine plastic waste problem by promoting the sustainable use of plastic products and the development and introduction of alternative materials, accelerating innovation.

Japan Sustainable Palm Oil Network (JaSPON)

Kirin Group participates in the "Japan Sustainable Palm Oil Network (JaSPON)," established to promote the sustainable procurement and consumption of palm oil.

The TNFD Forum

The TNFD Forum is a support network sharing the mission and vision of the Taskforce on Nature-related Financial Disclosures (TNFD), a framework for information disclosure for nature capital risk management. Kirin Holdings became the first domestic food and beverage and pharmaceutical company to participate in December 2021.

Business for Nature

Kirin Holdings endorsed and signed the "Business Statement for COP15," aimed at the 15th Conference of the Parties to the Convention on Biological Diversity (COP15) held in December 2022.

Circular Partners (CPs)

Kirin Holdings participates in 'Circular Partners,' a public-private-academic collaborative organization established by the Ministry of Economy, Trade and Industry (METI), since 2023, aimed at realizing a Circular Economy that maximizes added value while promoting efficient and circular use of resources.

Beverage Industry Environmental Roundtable (BIER)

This is an organization where the world's leading beverage companies collaborate to address environmental challenges, respond to environmental regulations, and consolidate opinions. While our Group company Lion has been a member, Kirin Holdings newly joined as a member in January 2026.

The Consumer Goods Forum (CGF)

CGF is a CEO-led, nonprofit international industry association established in 2009, bringing together retailers and manufacturers in the consumer goods sector. The Kirin Group has been a member since CGF's predecessor organizations and has served as a Board member since 2009.

Voluntary Participation Leading to Policy Recommendations

Production Sites (Production Sites / Activity Content)

Sri Lanka Tea Farms

Since 2013, we have been supporting the acquisition of Rainforest Alliance certification at tea farms in Sri Lanka, the tea production region, to enhance sustainability. Since 2018, we have also started supporting certification acquisition for small farms and conservation of water sources on the farms.

Vietnam Coffee Farms

Since 2020, we have expanded our support for acquiring Rainforest Alliance certification to coffee farms in Vietnam.

Domestic Vineyards

Since 2014, at Mercian's self-managed Mariko Vineyard on the Jimbadai Plateau in Ueda City, Nagano Prefecture, and at Tenguosawa and Jyonohira Vineyards in Yamanashi Prefecture, we have been conducting ecosystem surveys and vegetation restoration activities. We also hold environmental classes at elementary schools at the foot of the mountains in Ueda City.

NGOs/NPOs/Environmental Organizations (Organization Names / Activity Content)

WWF Japan

We cooperated with WWF in the formulation of the "Sustainable Biological Resources Procurement Guidelines" and "Action Plan." We co-founded the "Consortium for Sustainable Paper Use" and continue to engage in activities.

Rainforest Alliance

We jointly support the acquisition of certification for tea farms in Sri Lanka and coffee farms in Vietnam. In Sri Lanka, we have completed the Regenerative Tea Scorecard and are now using it to assess on-farm practices and guide improvements toward regenerative agriculture.

FSC Japan

We engage in joint activities to promote FSC-certified paper. In 2017, the Kirin Group committed to the "Vancouver Declaration on SDGs and FSC Certification."

RSPO (Roundtable on Sustainable Palm Oil)

Kirin Holdings participate as a member of the non-profit organization aimed at promoting the production and use of "Sustainable Palm Oil."

Junior United Nations Environment Program (JUNEC)

We co-host the "Kirin School Challenge."

Earthwatch Japan

We jointly conduct vegetation surveys and Clara restoration activities at Mariko Vineyard.

Industry Associations (Organization Names / Activity Content)

Brewers Association of Japan

We jointly formulate and implement Voluntary Action Plans for the Environment regarding containers and packaging, global warming countermeasures, and the formation of a circular society, and work together to prevent the littering of beverage containers and promote environmental beautification.

Japan Soft Drink Association

We jointly formulate and implement Voluntary Action Plans for the Environment regarding containers and packaging, global warming countermeasures, and the formation of a circular society, and work together to prevent the littering of beverage containers and promote environmental beautification.

Recycling Organizations

We promote 3R (Reduce, Reuse, Recycle) in cooperation with the Container and Packaging Recycling Association and various recycling promotion councils.

The Beverage Industry Environment Beautification Association

Six beverage manufacturer organizations collaborate on activities for environmental beautification.

Research Institutions (Organization Names / Activity Content)

National Agriculture and Food Research Organization (NARO)

We conduct joint research on ecosystem changes associated with the creation of vineyards on idle abandoned land, as well as vegetation restoration activities for rare and native species.

Next Generation Engagement (Activity Names / Activity Content)

Kirin School Challenge

We organize environmental workshops for junior and senior high school students.

Japan Environmental Youth Network

We support Japan Environmental Youth Network, organized by the Ministry of the Environment and the Environmental Restoration and Conservation Agency of Japan, and serve as judges for both regional and national competitions.

Kirin Nature School in Sri Lanka

We newly launched the 'Kirin Nature School in Sri Lanka' in November 2025, which provides classes themed on coexistence with nature at elementary and junior high schools attended by children of employees working at tea plantations in Sri Lanka.

Environmental Education at Shiokawa Elementary School in Ueda City, Nagano Prefecture

At Château Mercian Mariko Vineyard, we are working with local NGOs and elementary school students to increase the population of *Sophora flavescens*, the sole host plant for the *Shijimiaeoides divinus*, a critically endangered butterfly classified as Category 1A. Cuttings of *Sophora flavescens* growing on the ridges of rice paddies near the vineyard are collected, and children cultivate them in flower beds in the schoolyard before transplanting them in the vineyard. We also provide learning opportunities for children and foster collaboration with the local community through environmental education classes for students. This initiative was recognized by the Ministry of the Environment in 2024 as one of the "100 Best Environmental Education and ESD Practice Videos" and received high praise as embodying "the essence of environmental education and ESD."

Sustainable Finance

Please refer to the following website reporting on green bonds and transition-linked loans.

https://www.kirinholdings.com/en/impact/csv_management/sustainable_finance/

Environmental Management Certification Status

Please refer to the following webpage for the latest status of environmental management certification.

<https://www.kirinholdings.com/jp/investors/sustainability/esg/>

External Awards

Year	Award Recipient	Award Name	Award Content	Implementing Organization
2025	Kirin Holdings	CDP Water Security	A List (10 consecutive years)	CDP
2025	Kirin Holdings	7th "Nikkei SDGs Management Grand Prize"	Grand Prix (the company's third recognition following "the Environmental Value Award" in 2020 and "the SDGs Strategy and Economic Value Award" in 2022)	Nikkei Inc.
2025	Kirin Brewery	13th "Food Industry Mottainai Award"	Chairman's Award at "the Food Industry Mottainai Award"	Ministry of Agriculture, Forestry and Fisheries
2025	Kirin Holdings	Excellent TCFD Disclosure	Received the highest number of votes	Government Pension Investment Fund
2025	Kirin Holdings	CDP Supplier Engagement Rating	Leaders Board (7 consecutive years)	CDP
2025	Kirin Holdings	6th "ESG Finance Awards Japan" Environmental Sustainable Company Category	Gold Award (4th time)	Ministry of the Environment
2024	Kirin Holdings	Top 100 Environmental Education & ESD Practice Videos	Selection	Ministry of the Environment
2024	Kirin Brewery	Food Loss Reduction Promotion Award	Chairman's Award	Consumer Affairs Agency, Ministry of the Environment
2024	Kirin Holdings	CDP Water Security	A List (8 consecutive years)	CDP
2024	Kirin Holdings	CDP Climate Change	A List	CDP
2024	Kirin Holdings	FY2024 Private Sector Agriculture, Forestry, and Fisheries Research and Development Achievers Award	Minister of Agriculture, Forestry and Fisheries Award (Discovery and commercialization of β -lactolin)	Ministry of Agriculture, Forestry and Fisheries
2024	Kirin Holdings	SX Brand (Sustainability Transformation Brand) 2024	SX Brand Selection	Ministry of Economy, Trade and Industry
2024	Kirin Holdings	CDP Supplier Engagement Rating	Leaders Board (5 consecutive years)	CDP
2024	Kirin Holdings	5th "ESG Finance Awards Japan" Environmental Sustainable Company Category	Gold Award	Ministry of the Environment
2024	Kirin Holdings	CDP Water Security	A List	CDP
2024	Kirin Holdings	CDP Climate Change	A-	CDP
2024	Kirin Holdings	5th "Nikkei SDGs Management Survey"	Highest Rank (5 consecutive years)	Ministry of the Environment
2023	Kirin Holdings	Excellent TCFD Disclosure	Received the highest number of votes	Government Pension Investment Fund
2023	Kirin Holdings	CDP Supplier Engagement Rating	Leaders Board	Ministry of the Environment
2023	Kirin Holdings	Leading Company in Sustainable Raw Material Procurement for Domestic Food Manufacturers	Cabinet Secretary's Award	Ministry of Agriculture, Forestry and Fisheries
2023	Kirin Holdings	4th "ESG Finance Awards Japan" Environmental Sustainable Company Category	Special Award	Ministry of the Environment
2022	Kirin Holdings	Excellent TCFD Disclosure	Received the highest number of votes	Government Pension Investment Fund
2022	Kirin Holdings	10th Ministry of the Environment Good Life Award	10th Anniversary Special Award Biodiversity Award	Ministry of the Environment
2022	Kirin Holdings	CDP Water Security	A List	CDP
2022	Kirin Holdings	CDP Climate Change	A List	CDP
2022	Kirin Holdings	CDP Supplier Engagement Rating	Leaders Board	CDP

Awards for Container and Packaging

Year	Award Recipient	Award Name	Award Content	Implementing Organization
2025	"Gogo-no-Kocha" Brand "Iced Tea Glass Bottle"	Japan Packaging Contest 2025	Appropriate Packaging Award	Japan Packaging Institute
2025	FANCL Skin-care Set* with malt powder-infused pulp mold box	WorldStar Awards 2025	WorldStar Awards	World Packaging Organization
2022	"Namacha" brand's new PET bottle: "Green Ecology Bottle"	2022 Japan Packaging Contest	Packaging Technology Award (Proper Packaging Award)	Japan Packaging Institute
2022	Development of lightweight PET bottles for wine	46th Kinoshita Award	Packaging Technology Award	Japan Packaging Institute
2022	Heartland Beer - 330ml and 500ml glass bottles	18th Glass Bottle Award 2022	Special Award	Japan Glass Bottle Association

Awards for Business Sites

Year	Award Recipient	Award Name	Award Content	Implementing Organization
2023	Shanghai Kyowa Amino Acid	Reevaluation of Water-Saving Companies	Award	Shanghai City
2023	Shanghai Kyowa Amino Acid	Evaluation Meeting for Industrial Water Reuse Cases	Excellence Award	Shanghai City

Awards for Greening

Year	Award Recipient	Award Name	Award Content	Implementing Organization
2022	Kirin Brewery Shiga Plant	Lake Biwa Forest Creation Partner Agreement	Certificate of Appreciation for Contribution to Forest Creation for Water Sources	Shiga Prefecture

Awards for Energy Conservation

Year	Award Recipient	Award Name	Award Content	Implementing Organization
2022	Kirin Brewery Hokkaido Chitose Plant	Hokkaido Energy Conservation and New Energy Promotion Grand Prize New Energy Category	Encouragement Award	Hokkaido Government
2022	Kyowa Kirin Ube Plant	Yamaguchi Prefecture Global Warming Countermeasures	Excellent Business Site	Yamaguchi Prefecture
2022	Shinshu Beverage	Business Activity Global Warming Countermeasure Plan System	Excellent Business Operator Award	Nagano Prefecture Zero Carbon Promotion Office
2022	Thai Kyowa Biotechnologies	Green Industry	Level 3	Ministry of Industry (Thailand)

Awards for Biodiversity

Year	Award Recipient	Award Name	Award Content	Implementing Organization
2026	Tengusawa Vineyard	Sustainably Managed Natural Sites	Certification	Ministry of the Environment
2025	Jyonohira Vineyard	Sustainably Managed Natural Sites	Certification	Ministry of the Environment
2023	Mariko Vineyard	Sustainably Managed Natural Sites	Certification	Ministry of the Environment

Other Information Disclosure

Environmental Information Disclosure Through Products (Subjects / Disclosure Content)

Carbon Footprint

Kirin Brewery began working on carbon footprint initiatives with the beer industry in 2008. The PCR (Product Category Rule) for beer, which serves as the basis for calculation, was certified in February 2011 and revised in December 2013.

PAS 2060

"Fat Tire Amber Ale" and "Mountain Time Lager," produced by New Belgium Brewing, have obtained PAS 2060 certification, an international standard that certify carbon neutrality.

Toitū Net Carbon Zero Product

"Steinlager" and "The Fermentist Kiwi Pale Ale," produced by Lion, have obtained Toitū Net Carbon Zero Product certification, a New Zealand standard that certify carbon neutrality.

Rainforest Alliance Certification Mark

In August 2021, Kirin launched the year-round sale of "Kirin Gogo-no-Kocha Straight Tea" in 250ml paper packs (LL Slim), displaying the Rainforest Alliance Certification Mark, which is awarded to farms recognized for pursuing more sustainable agricultural practices while protecting nature and producers.

FSC Certification Label

Many paper containers used by Kirin Brewery and Kirin Beverage (including Tropicana) are labeled with the FSC certification to help customers understand the importance of forest conservation.

Organic Wine

Mercian sells wines that have received "organic certification" such as Euroleaf, Ecocert, Biodivin, Bioagrisert, and Sohiscert.

Disclosure to Investors (Subjects / Disclosure Content)

Reports

We also disclose environmental information in various investor reports such as:

- Integrated Report
- Kirin Group Environmental Report*
- Kirin Holdings Securities Report
- Kyowa Kirin Annual Report
- Kyowa Hakko Bio CSV Progress Report
- Lion Sustainability Report
- Blackmores Sustainability Report
- FANCL FANCL Report"

Websites

Furthermore, environmental information is disclosed on various websites such as:

- Kirin Holdings Creating Shared Value with Society Site(Environment)*
- Kirin Holdings IR Information

* Information based on the final report of the Task Force on Climate-related Financial Disclosures (TCFD) has been disclosed annually since 2018 in the Environmental Report and on the Environmental Site.

Case Studies (Publisher / Content)

JB Press "Leading Practices in Sustainability Management"

The True Value of 'Nature Positive': Kirin's Pioneering Commitment to Environmental Management
<https://jbpress.ismedia.jp/articles/-/79753>

Nikkei ESG "Hot Issue"

Kirin Shares Emissions Reduction Measures with Its Suppliers
<https://project.nikkeibp.co.jp/ESG/atcl/column/00005/041200446/>

Japan External Trade Organization (JETRO)

Kirin's Initiatives to Connect 'Gogo-no-Kocha' to the Future (Sri Lanka)
<https://www.jetro.go.jp/biz/areareports/2026/fdb41ed37952a933.html> (in Japanese)

TNFD "Guidance on nature in transition plans"

Basin-engagement for securing resilience and licence to operate
<https://tnfd.global/publication/guidance-on-nature-in-transition-plans/>

Lectures (Dates / Subjects)

August 1, 2025

Ministry of the Environment and other relevant ministries and agencies "The 1st Panel on Practice for Utilization and Adaptation of Climate Change-related Data"

August 5, 2025

GX League "The 1st GX Studio on Climate-related Information Disclosure"

September 23, 2025

Expo 2025 Osaka, Kansai, Japan
The Future of Earth and Biodiversity Week
"Initiatives achieve Nature Positive in Vineyards"

September 23, 2025

TNFD "TNFD's metrics architecture in practice : Examples from corporates"

September 26, 2025

Ministry of the Environment "The 10th Tripartite Roundtable on Environmental Business"

December 11, 2025

TNFD "Introducing TNFD's Guidance on Nature in Transition Plans"

December 17, 2025

Ministry of the Environment "Nature-related Financial Information Disclosure Workshop"

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- IFASTAT (2018) Databases on fertilizer & raw materials
- Mekonnen and Hoesktra (2011) The green, blue and grey water footprint of crops and derived crop products

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Coffee × Vietnam

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Palm Oil × Indonesia

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Raw Milk × Japan

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Impact of Lower Yields on Procurement Costs for Agricultural Products in 2050 and Estimation of The Impact on Agricultural Product Procurement Costs from Carbon Pricing in 2050

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Assessment of Impact of Carbon Pricing

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External Diseconomies Related to Kirin Group PET Bottles

- Based on the estimation methodology of Beaumont et al. and data from UNEP, the loss of marine ecosystem services attributable to plastic pollution was estimated at approximately USD 2,500 -33,300 per ton of plastic. Using survey data from the Ministry of the Environment of Japan, the share of beverage PET bottles in marine plastic litter was assumed to be 9.6%, and this ratio was multiplied by the Kirin Group's PET resource usage in 2025 to derive the estimate.
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Financial Impact of Transition Risks Related to Natural Capital (Procurement of Certified Products)

Estimated by multiplying by royalties, etc., if coffee and tea leaves are procured as certified products.

Financial Impact of Transition Risks Related to Natural Capital (Reduction in Agricultural Chemicals and Chemical Fertilizers at Tea Farms)

Estimated based on the results of on-site interviews, taking into account prices of chemical and organic fertilizers, as well as respective personnel expenses for the application of these fertilizers.