Sustainability Vision

Suntory Group Sustainability Vision

The Suntory Group's vision on sustainability

As a multifaceted consumer-oriented company, we are dedicated to promoting a sustainable society where nourishing and enriching people's lives and conserving the natural environment coexist in an interconnected, mutually prosperous relationship. To realize this ambition, we deeply respect the blessings of nature on which our products rely, and engage in a range of corporate social responsibility activities to promote responsible environmental management that ensures sustainable use of natural resources and a healthy natural water cycle. In addition to delivering safe, high-quality products and services that consumers love, we continue to look for opportunities across our entire value chain to contribute to a sustainable society.
Our world faces a wide variety of environmental and social issues, such as water shortages, loss of biodiversity, climate change, pollution and increasing waste, poverty, human rights violations, and more. The Sustainable Development Goals (SDGs)* adopted at the 2015 UN Summit call on businesses to address social issues and to promote a sustainable society. While the world works to solve these problems together, we will continue to tackle these issues as we expand our global business.

* Sustainable Development Goals are targets adopted in a UN Summit in September 2015 that the whole world should tackle by 2030

Suntory Group's Corporate Philosophy

Suntory Group's Corporate Philosophy consists of our purpose and values, based on our founding spirit and motto. It expresses our corporate aims and the principles we embrace to achieve them.

Our Purpose The goals of the Suntory Group's business and our corporate direction

To inspire the brilliance of life,
by creating rich experiences for people, in harmony with nature.

Our Values The values we embrace to achieve our purpose

Growing for Good	We keep growing, as individuals and as a corporation, towards a better world. By continuing to grow, we expand our capacity to improve society.
"Yatte Minahare"	We refuse to fear failure, refuse to give in or give up, and stay relentless in our quest to innovate new values.
Giving Back to Society	We give back from what our business earns, not only by reinvesting in our company, but by caring for our customers and partners and contributing to society.

Corporate Slogan

The essence of our philosophy that we communicate with our partners and the world

SUNTORY
Sustained by Nature and Water

As a corporation sustained by the gifts of nature and water, we will always protect the ecosystems that deliver water. Because our ecosystem is the wellspring, not only of our business and the rich experiences we create for people's lives, but also of human life itself. We will continue to be a company where everyone is empowered with the freedom and flexibility to innovate. Through all of our corporate pursuits, Suntory seeks to inspire the brilliance of life.

Suntory Beverage & Food's Clarification of Materiality

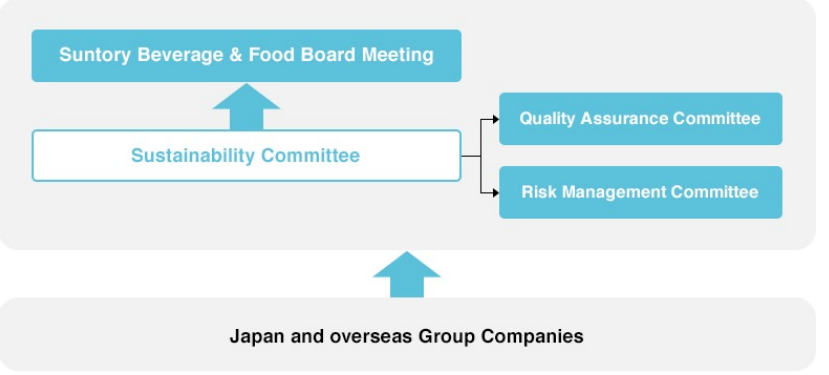
We used global trends relating to the SDGs as the basis for an analysis of issues in terms of their importance to our shareholders and other Suntory Beverage & Food stakeholders, and also from the viewpoint of opportunities and risks in the context of our medium- to long-term management strategies. After assessment and verification by third-party organizations, we selected five of the 17 SDGs as goals or highly significant initiatives. They are Goal 6 (Clean Water and Sanitation), Goal 3 (Good Health and Well-being), Goal 8 (Decent Work and Economic Growth), Goal 12 (Responsible Consumption and Production), and Goal 13 (Climate Action). We will continue to expand our activities in these areas.

*** Sustainable Development Goals (SDGs)**

Sustainable Development Goals (SDGs) are targets that should be reached globally by 2030 that were adopted at the UN Sustainable Development Summit held in September 2015.

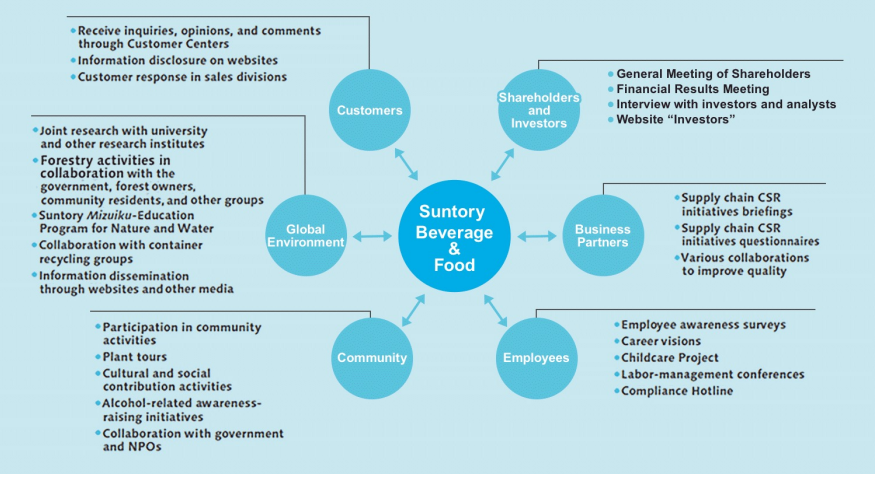
Suntory Beverage & Food's sustainability management promotion organization

Suntory Beverage & Food has established Sustainability Committee to promote global initiatives in collaboration with the board. We develop strategies based on the Sustainability Vision and monitor the progress of projects.



Relations with Stakeholders

Suntory Beverage & Food pursues its business activities amid a range of connections with a variety of stakeholders. To continue being a company that contributes to the realization of a sustainable society, we will make clear our responsibilities to our stakeholders and communicate with them in various ways. We aim to incorporate feedback we receive and social needs into our corporate activities and continuously work to build deeply trusting and collaborative relationships with them.



Opportunities for Communication with Stakeholders

Environmental Vision

The natural environment is an essential foundation for our business. Suntory Group promotes environmental management and actively engages in activities to pass down a sustainable society to the next generation.

Basic Stance on Group's Environmental Activity

The circular system consisting from plants and forests nurtured by water, rivers, oceans, atmosphere, and the ecosystem made by living things are the basis of all life.
As a company that delivers the blessings of water and nature to our customers, we believe that protecting beautiful and clean water with healthy ecosystems, using them appropriately, and replenishing to nature is a great responsibility.
Ingraining this concept in every part of the Group, Suntory strives to build a prosperous and sustainable society by preserving and regenerating the natural environment and reducing environmental impact.

Suntory Group's Environmental Principles

Suntory Group sets principles that clearly indicate our prioritized environmental initiatives such as achieving water security, conserving and regenerating biodiverse ecosystems, promoting a circular economy and transitioning to a net zero carbon society (established 1997, revised 2022.) To achieve a vibrant global environment, we are championing the transformation to a sustainable society by collaborating with our stakeholders, deepening dialogues with local communities, and transparently disclosing our progress.

Suntory Group's Environmental Principles

At Suntory Group, environmental management is at the core of our business strategy.
In our commitment to cultivating a sustainable and vibrant society now and in the future, these environmental principles inform the actions we take each day across our entire value chain.

1. Achieving water security
Water is the most vital resource for our business. At Suntory, we aim to become net water positive by using water carefully and localizing water stewardship to contribute to nature's healthy water cycle.

2. Conserving and regenerating biodiverse ecosystems
Thriving water and agricultural systems are crucial to our business. We strive to protect and regenerate biodiversity through local water source conservation and sustainable agricultural practices.

3. Promoting a circular economy
To effectively reduce waste and efficiently utilize limited resources, we imbed sustainable principles throughout the lifecycle of our products, promote the 3Rs (reduce, reuse, recycle) for all raw materials, use renewable resources when available, and collaborate with stakeholders to build a fundamentally circular system.

4. Transitioning to a net zero-carbon society
In the face of climate change, we are doing our part to achieve a net-zero carbon society by reducing greenhouse gas emissions across our value chain.

5. Engaging with society
To achieve a vibrant global environment, we are championing the transformation to a sustainable society by collaborating with our stakeholders, deepening dialogues with local communities, and transparently disclosing our progress.

Environmental Vision toward 2050 and Environmental Targets toward 2030

The Suntory Group established the Environmental Vision toward 2050 and Environmental Targets toward 2030 to provide clear direction to our environmental management. As we engage in greater efforts to address global issues and work toward the realization of a sustainable society, in April 2021 we revised the greenhouse gas (GHG) reduction targets in the Environmental Targets toward 2030, and in December 2021, we revised our water targets.

Environmental Vision toward 2050

The Suntory Group has formulated the vision below toward 2050 for the purpose of passing down a sustainable global environment to the next generation around the pillars of water sustainability and climate change measures as a company in harmony with people and nature.

1. Water Sustainability

- Reduce the water intensity*1 of production at our owned plants*2 by 50%*3 globally.
- Replenish more than 100% of water used at all of our owned plants globally through conservation of the surrounding ecosystem.
- Achieve sustainable water use for all key ingredients.
- Share the Sustainable Water Philosophy to the communities where our business operates.

2. Climate Change Measures

- Aim for net zero greenhouse gas emissions across the whole value chain by 2050
  Continue to promote energy conservation, proactively implement renewable energy solutions, utilize next-generation infrastructure options and work together with stakeholders across the value chain in order to contribute to realizing a decarbonized society

*1 Water intensity is the amount of water withdrawn per unit of production, which is 1 kiloliter of production
*2 Owned plants that manufactures finished products and excludes plants for packaging and ingredients
*3 Reduction of water intensity of production based on 2015 baseline

Environmental Targets toward 2030

We have set the following Environmental Targets toward 2030 to achieve the Environmental Vision toward 2050.

1. Water

Reduction of water used in direct operation
Reduce the water intensity*1 of production at our owned plants *2 by 35%*3 globally. In addition, explore reduction of absolute amount of water withdrawn in highly water stressed areas

Water replenishment
Replenish more than 100% of water used in at least 50% of our owned plants*2 globally, including all those in highly water stressed areas, through local water source conservation efforts.

Sustainable water use in raw ingredients
Collaborate with suppliers to improve water-use efficiency in the production of water-intensive key ingredients*4 in highly water stressed areas.

Water education and access to safe water
Expand water education programs and initiatives to provide safe water access for more than 1 million people.

2. Greenhouse gas (GHG)

- Reduce GHG emissions from our direct operations by 50%*5
- Reduce GHG emissions across our entire value chain by 30%*5

*1 Water intensity is the amount of water withdrawn per unit of production, which is 1 kiloliter of production
*2 Owned plants that manufacture finished products and excludes plants for packaging and ingredients
*3 Reduction of water intensity of production based on 2015 baseline year
*4 Coffee, barley, grapes
*5 Based on emissions in 2019.

Disclosures Based on Task Force on Climate-related Financial Disclosures (TCFD) Recommendations

In order to sustain business and continue to create value, the Suntory Group thinks it is necessary to identify risks due to climate change as well as their potential impact on business and respond appropriately.

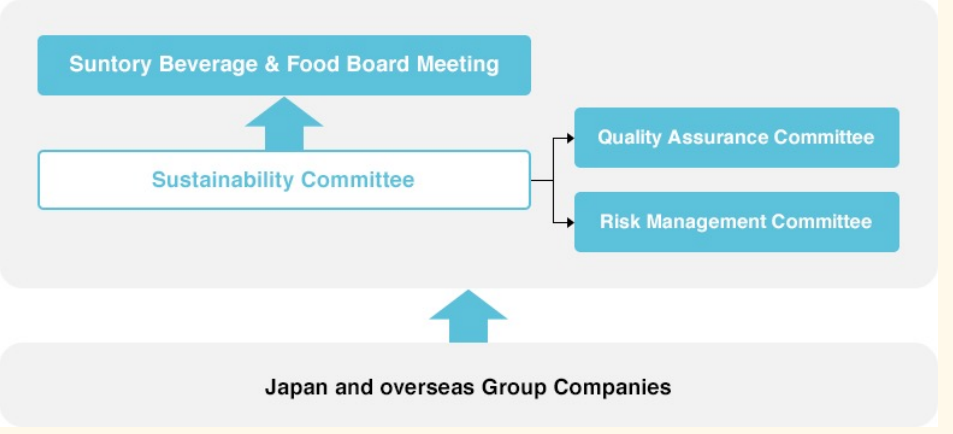
In May 2019, the Suntory Group has declared its support for the Task Force on Climate-related Financial Disclosures (TCFD) recommendations established by the Financial Stability Board (FSB).
In July 2019, Suntory also established seven important sustainability themes for the group and the reduction of Green House Gas (GHG) emissions is one of the key theme.

In 2022, risks and opportunities related to climate change that effect the society and corporations were assessed and identified to calculate the monetary impact on business. We aim to improve resilience by incorporating specific measures for actualized risks and opportunities in the strategy. We will continue to expand disclosure of related information.

1. Governance

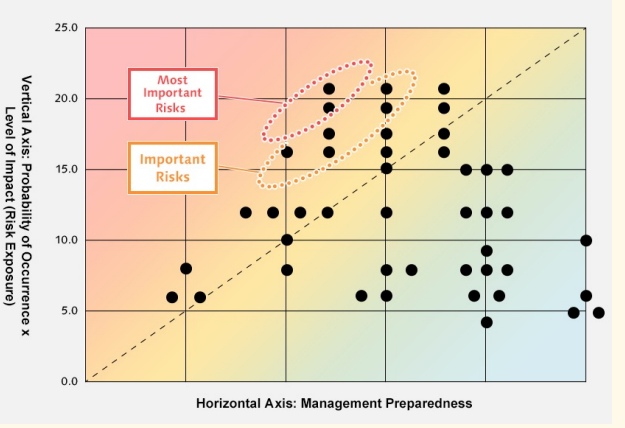
At Suntory Beverage & Food, risk management committee and Sustainability Committee are in constant collaboration, and important decisions are further discussed and resolved by the board. Progress on strategies relating to environmental and social issues, as well as business risks and growth opportunities, are reported to the board accordingly. The board members are also provided opportunities to deepen their knowledge of sustainability through training sessions with external experts, convening board meetings at production and R&D facilities, and exchanging views.

Suntory Beverage & Food's sustainability management promotion organization



2. Strategy

Suntory Group assesses climate change related issue based on their importance. For risks that are expected to have a large impact on business, we have set medium- to long-term targets and are proceeding with initiatives. As the approach to identifying risks and their assessment, we create a heat map of the identified risks based on the two axes of "Risk Exposure" and "Degree of Response", evaluate their importance, especially for group-wide material risks, on a three-point scale, and identify the risks to be prioritized. "Risk Exposure" is calculated by probability of occurrence (probability) x magnitude of impact (impact), and "Degree of Response" is calculated by the degree of preparation for countermeasures. As a result of the evaluation, climate-related risks are positioned as one of the most important risk types.



With consumers, investors, and other stakeholders increasing interest in GHG emissions by corporations, we recognize that risks and opportunities related to climate change may greatly affect our business strategy. We conduct scenario analysis to understand and take measures against risk and opportunities related to climate change that may impact business and consider them during financial planning.

■ Risks and Opportunities (Identify risks and opportunities, estimate the amount of monetary impact)

At Suntory Beverage & Food, to identify important financial risks and opportunities for an organization, impact and frequency of each item in the span of short (0 to 3 years), medium (3 to 10 years), and long (10 to 30 years) term were considered. Result of the internal assessment is organized and shown below. Of the identified risks and opportunities, we recognized that increase in costs due to introduction of carbon tax, opportunity loss due to insufficient supply of water at production sites, and increase in raw material costs due to decrease in yield of agricultural products are the three items that may have a significantly impact and estimated the amount of their monetary impact on business.
For the basis of analyzing risks and opportunities, we used RCP 8.5 (4℃ Scenario) as global warming scenario and IEA NZE 2050 and other scenarios as decarbonization scenario.

1. Identify major risks and opportunities			2. Assess the impact of each risks and opportunities on business (For most important risk, estimate the amount of monetary impact)	3. Determine / conduct response measures
Types of Risks and Opportunities			Estimated impact on business	Measures to reduce risks / seize opportunities
Transition Risk	New regulation	Increase in production costs due to introduction of carbon pricing	• Increase in financial burden due to introduction of carbon tax and its tax rate increase • Estimated impact on business: JPY8.5 billion in 2030 and JPY17.5 billion in 2050 (Note 1)	• Introduction of internal carbon pricing and use it for decision making related to investment • Plan to invest (shift to renewable energy, utilization of heat pumps, etc.) by 2030 to promote decarbonization. • If the targets set in "Environmental Targets toward 2030" and "Environmental Vision toward 2050" are met, effects of reduction will be JPY4.25 billion in 2030 and JPY17.5 billion in 2050.
Physical risks	Chronic risks	Impact of insufficient supply of water on operation of production sites	• Opportunity loss due to suspension of plant operations caused by insufficient supply of water, Group's most important raw material • Estimated impact on business: JPY6.5 billion (Note 2)	• Assess risks related to water availability of all watersheds where our plants are located in (For details, refer to "Water Risk Assessment") • Consider reducing total amount of water used in plants and returning more than the amount of water used at the plants through water resource cultivation activities
		Increase in procurement costs due to decline in yield of agricultural products	• Increase in costs to procure raw materials with same level of quality as now • Estimated impact on business: JPY9.0 billion (RCP 8.5 scenario, 2050) (For details, refer to "Activities for stable procurement of raw materials")	• Assess the impact of estimated future yield considering climate change and other factors by origin of raw materials and formulate strategy for stable procurement • Start trial of sustainable farming (For details, refer to "Activities for stable procurement of raw materials")
	Acute risks	Flood, etc. caused by large typhoon or heavy rain	• Suspension of operations due to flooding, disruption of value chain, and other damages from a flood	• Build a system or assessing risk of all productions sites at the Risk Management Committee
Opportunities	Products / Services	Impact on health due to rising temperatures	• Rising average temperatures and heat waves will increase the need for anti-heat stroke beverages and water beverages	• Invested in capital to increase production capability and stable supply system • Products development that meet consumer needs
		Change in consumer behavior due to increased environmental awareness	• Enhancement of brand value through public recognition of the company's commitment to the conservation of water resources	• Continue and strengthen water cultivation activities based on scientific data, water-saving and water quality management activities at plants, and "Mizuiku" - Natural Water Education Program as well as sharing information with the public
	Resource efficiency	Cost reduction due to introduction of new technology	• Reduction in use of petroleum resources and CO_2 emissions due to development of new technology • Cost reduction in taxes related to one way plastics	• Development of new technology for more efficient PET preform manufacturing process (F-to-P direct recycling technology, etc.) • Development of efficient used plastic recycling technology (R Plus Japan Ltd.)

Note 1: Estimated using our Scope 1 and 2 emissions in 2019 and carbon tax price independently estimated based on forecast figures of the International Energy Agency (IEA)'s "Net Zero by 2050: A Roadmap for the Global Energy Sector (NZE)."
- 2030: Japan, Europe, and Americas. US$130/ton, APAC US$90/ton.
- 2050: Japan, Europe, and Americas. US$250/ton, APAC US$200/ton.

Note 2: Estimated impact on profit if all plants located in areas with high level of water stress have restriction on water withdrawal. Aqueduct Country Ranking developed by World Resources Institute and Water Risk Filter developed by World Wide Fund for Nature (WWF) are used for assessing water stress level of areas where our plants are located in. (Exchange rate as US$1 = JPY139)

We aim to resilient by considering both scenarios and taking strategic approach toward the above actualized risks and opportunities We have been focusing on identifying water supply risks, proper management of water, water resource cultivation activities, and other water sustainability activities but are considering risks related to raw material procurement and other aspects. In addition, in order to reduce GHG emissions throughout the value chain, from raw material procurement to manufacturing, distribution, sales, and recycling, we set challenges for each department and take action. For opportunities, we are expanding product portfolio of beverages with ingredients which are recommended by the Ministry of Environment of Japan as products addressing climate change. We believe that continuing and enhancing water resource cultivation activities, “Mizuiku” - Natural Water Education Program and other activities related to water as well as sharing information about Suntory Group’s approach to water to the public will raise are brand value and lead to increased sales. In terms of resource efficiency, we are actively promoting recycle of plastic bottles.

Water Risk Assessment

Water is the most important ingredient of our products, as well as a precious shared resource, it is imperative for the Suntory Group to understand the impact that water risk has on our business, local communities, and the ecosystem based on water risk assessment for sustained business growth.
Based on this, the Suntory Group conducted a risk assessment of water sustainability at its own plants*.

*Plants owned by Suntory Beverage & Food that manufactures finished products and excludes plants for packaging and ingredients: 10 plants in Japan, 33 plants overseas

More details about the water supply risk assessment

Stable Procurement of Raw Materials

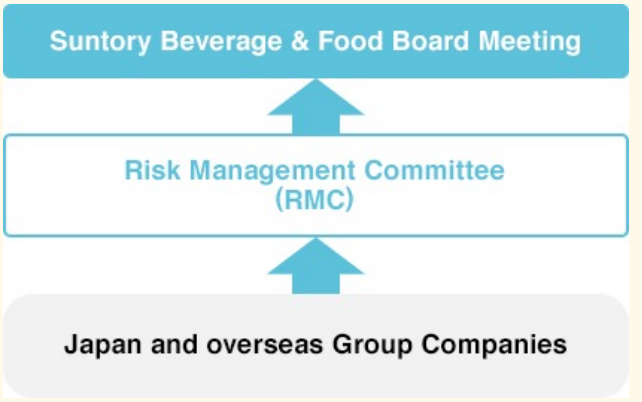
With regard to agricultural products and other raw ingredients, it is predicted that extreme weather, such as drought and flooding, occurring due to the rise in the Earth's average temperature due to climate change will have a major impact on their production activities, including fluctuations in yield and the need to move production to other areas which offer suitable cultivation. As corporate activities become more and more globalized, need to appropriately manage human rights of people who work in the supply chain and other social issues increase.
To offer our consumers high-quality products and services, we believe it is crucial to promote sustainability throughout our entire supply chain. This means we need to give due consideration to environment and society, as well as to safety and reliability. Based on this belief, we established and promote long-term strategy for safe, reliable, and sustainable supply of raw materials.

More details about the stable procurement of raw materials

3. Risk Management at Suntory Beverage & Food

Suntory defines “risk” as a potential event that affects the achievement of the Group's strategies and goals. Through the Risk Management Committee (RMC) and the risk management committees and risk management teams established at each group company, we identify and evaluate important risks for the entire group and identify risks that should be prioritized for our company, consider countermeasures, and reviewing them on an annual basis.

■ Risk Management System at Suntory Beverage & Food



Approach to Identifying and Evaluating Risks

For the risks identified, we create a heat map based on the two axes of "Risk Exposure" and "Degree of Response", evaluate the importance especially for group-wide material risks on a three-point scale, and identify the risks to be prioritized. "Risk Exposure" is calculated by probability of occurrence (probability) x magnitude of impact (impact), and "Degree of Response" is calculated by the degree of preparation for countermeasures. As a result of the evaluation, climate-related risks are positioned as one of the most important risk types.

Approach to Managing Identified Risks

For the identified risks that should be prioritized, a person in charge and a monitoring organization will be appointed to implement the risk countermeasures. The response status is reported and discussed by the Risk Management Committee (RMC), and the PDCA cycle of extraction, evaluation, countermeasures, and monitoring is carried out.

Data

Water

Targets Toward & Progress at Suntory Beverage & Food

Targets Toward 2030

1. **Reduction of water used in direct operation**
   Reduce the water intensity*1 of production at our owned plants*2 by 20%*3 globally. In addition, explore reduction of absolute amount of water withdrawn in highly water stressed areas
2. **Water replenishment**
   Replenish more than 100% of water used in at least 50% of our owned plants*2 globally, including those in highly water stressed areas, through local water source conservation efforts.
3. **Sustainable water use in raw ingredients**
   Collaborate with suppliers to improve water-use efficiency in the production of water-intensive key ingredients*4 in highly water stressed areas.
4. **Water education and access to safe water**
   Expand water education programs and initiatives to provide safe water access for more than 1 million people.*5

2022 Progress

1. Reduced per consumption of water by **22**% compared to 2015
2. Implemented water resource cultivation activities in **27%** plants worldwide.
   Plants located in highly water stressed areas, activities are implemented in **23%** of these areas.
3. Gain and understand information on water management of tier 1 suppliers through Sedex.
4. Water enlightenment program: **510,000** people
   Provision of safe water: **300,000** people,
   Total **810,000** people*6

*1 Water intensity is the amount of water withdrawn per unit of production, which is 1 kiloliter of production
*2 Owned plants that manufacture finished products and excludes plants for packaging and ingredients
*3 Reduction of water intensity of production based on 2015 baseline year
*4 Coffee, etc.
*5 1 million people is Suntory group's target
*6 Total 810,000 people is Suntory group's progress

Water Use Performance at Suntory Beverage & Food

Area	Water use (thousand m³)				
	2015 (base year)	2019	2020	2021	2022
Japan	10,708	10,628	10,332	10,240	10,786
Americas	1,286	1,273	1,442	1,505	1,541
Europe	3,861	3,518	3,119	3,315	3,434
Asia	4,490	7,152	6,362	6,208	6,757
Oceania	562	438	444	424	397
Africa	216	129	89	84	0
Total	21,122	23,138	21,789	21,776	22,916

*2022: Data covers 10 production plants in Japan and 38 production plants overseas
*Results have received independent assurance from KPMG AZSA Sustainability Co., Ltd.
The Independent Assurance Report is published on Suntory Group Home Page.

Water use at Suntory Beverage & Food

Destination	Waste Water (thousand m³)			
	2019	2020	2021	2022
Rivers / lakes	7,222	6,767	6,703	6,689
Sea	0	0	0	0
Sewers	5,785	5,370	5,740	5,259
Others (for watering plants, etc.)	0	0	0	0
Total	13,007	12,136	12,443	11,948

*2022: Data covers 10 production plants in Japan and 38 production plants overseas
*Results have received independent assurance from KPMG AZSA Sustainability Co., Ltd.
The Independent Assurance Report is published on Suntory Group Home Page.

Water use reduction progress of Suntory Beverage and Food Water use intensity in recent 3 years (Intensity: Water use for production of 1 kL)

2019	2020	2021	2022
2.6	2.5	2.4	2.3

*Per unit production is the amount of usage per kiloliter produced
*2022 data covers 10 production plants in Japan and 38 production plants overseas.

Greenhouse Gas (GHG)

Targets Toward & Progress at Suntory Beverage & Food

Targets Toward 2030

1. Reduce GHG emissions from our direct operations by **50%***
2. Reduce GHG emissions across our entire value chain by **30%***

2022 Progress

1. **13.9%** reduction from our direct operations compared to 2019
2. **10.5%** reduction across our entire value chain compared to 2019

* Based on emissions in 2019

Scope 1 and 2 emissions by area at Suntory Beverage & Food

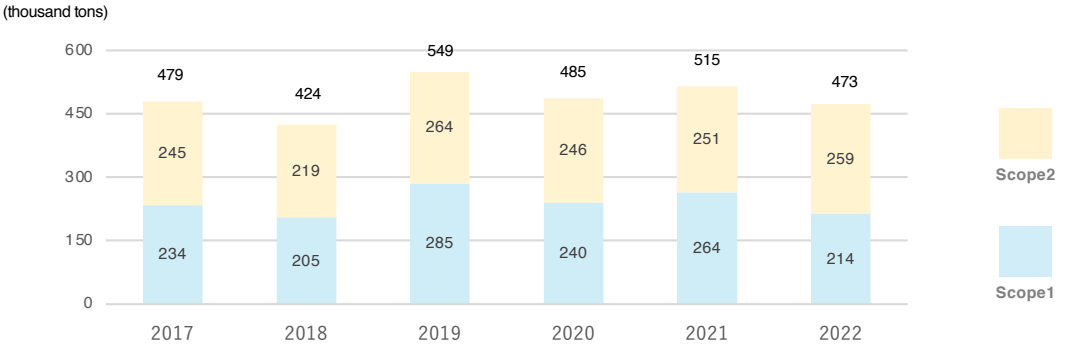
Area	GHG emissions (thousand tons)							
	2019 Scope 1+2 (base year)	2020 Scope 1+2	2021			2022		
			Scope 1	Scope 2	Scope 1+2	Scope 1	Scope 2	Scope 1+2
Japan	218	210	118	91	209	116	24	140
Americas	24	22	7	13	21	32	10	43
Europe	77	59	59	1	60	50	0	50
Asia	204	176	49	155	205	55	179	234
Oceania	19	13	9	4	13	6	1	7
Africa	8	6	8	0	8	0	0	0
Total	549	485	251	264	515	259	214	473

*Suntory Beverage and Foods Group's Scopes 1 and 2 emissions of 473 thousand t-CO_2e★ (Scope 1: 214 thousand t-CO_2e★, Scope 2: 212 thousand t-CO_2★) have been externally assured, which do not include emissions of GHG other than CO_2 at overseas production plants and CO_2 emissions at non-production sites outside of Japan. The reporting boundary for the figures externally assured is as follows:
10 production plants in Japan, 38 production plants overseas, and non-production sites in Japan (offices such as main office, training sites, R&D facilities, sales sites, restaurants and development sites)
※Results have received independent assurance from KPMG AZSA Sustainability Co., Ltd.
The Independent Assurance Report is published on Suntory Group Home Page.

*Emission factors for GHG calculation are as follows:Fuel:
For Japan: Factors specified by the Act on the Rational Use of Energy and the Act on Promotion of Global Warming Countermeasures.
For overseas: Factors obtained from fuel suppliers or factors specified by the Act on the Rational Use of Energy and the Act on Promotion of Global Warming Countermeasures.
GHG from Electricity consumption:
For Japan: The adjusted emission factors for each electric power company specified by the Act on Promotion of Global Warming Countermeasures.
For overseas: Factors obtained from individual power suppliers or IEA emission factors by country.
GHG other than CO_2:
For 10 plants in Japan: Factors specified by the Act on Promotion of Global Warming Countermeasures

・The total may not match the sum of each figure due to rounding.

Changes in Scope 1 and 2 emissions at Suntory Beverage & Food



Scope 3 Emissions at Suntory Beverage & Food

Category	Emissions (thousand tons CO_2e)	Calculation Method
1. Purchased goods and services	3,487★	[Raw Materials and Packages] Calculated by multiplying the weight of raw materials and packaging materials purchased for products manufactured and sold by the Suntory Beverage & Food Group (in Japan and overseas) by the emission factors. 40% of Category 1 GHG emissions are calculated using emission factors calculated from the GHG emissions of suppliers of raw materials and packaging materials. [Contract manufacturers] Calculated by multiplying the volume of the products that Suntory Beverage & Food Group (in Japan) , Suntory Beverage & Food Europe, and Frucor Suntory Group have outsourced to contract manufacturers by the emission factors.
2. Capital Goods	145★	Calculated by multiplying the amount of capital expenditure excluding land expenditure of Suntory Beverage & Food Group by emission factors.
3. Fuel and energy-related activities not included in Scope 1 or 2	68	Calculated by multiplying the amount of energy consumed by Suntory Beverage & Food Group by corresponding emission factors.
4. Upstream transportation and distribution	271	Calculated by multiplying the transportation volume in tons-km of goods owned by Suntory Beverage & Food Group by corresponding emission factors.
5. Waste generated in operations	4	Calculated by multiplying the weight of waste disposed by Suntory Beverage & Food Group by corresponding emission factors.
6. Business travel	7	Calculated by multiplying the amount of business travel expenses of Suntory Beverage & Food Group by corresponding emission factors.
7. Employee commuting	29	Calculated by multiplying the amount of commuting expenses of Suntory Beverage & Food Group by corresponding emission factors.
8. Upstream leased assets	32	Calculated by multiplying the storage volume as well as the floor area of distribution centers rented by Suntory Beverage & Food Group by emission factors.
9. Downstream transportation and distribution	199	Calculated by multiplying the transportation volume in tons-km and sales volume of goods of Suntory Beverage & Food Group by corresponding emission factors.
10. Processing of sold products	—	None
11. Use of sold products	61	Calculated by multiplying the sales volume of goods of Suntory Beverage & Food Group by corresponding emission factors.
12. End-of-life treatment of sold products	365★	Calculated by multiplying the weight of packaging materials purchased by the Suntory Beverage & Food Group by emission factors.
13. Downstream leased assets	317★	Calculated by multiplying the electricity used by leased assets of Suntory Beverage & Food Group (In Japan) by emission factors.
14. Franchises	9	Calculated as Scopes 1 and 2 CO_2 emissions from the direct operations of companies and stores franchised by the Suntory Beverage & Food Group.
15. Investments	—	None
Total	4,994★	

*The Suntory Beverage & Food Group's beverage and food businesses in Japan and overseas are included in the scope. For some overseas group companies, emissions were estimated by using Japan-based emission factors or production volume in Japan.
*Emission factors used to calculate emissions for Japan include the following:
a) "Emission factor database for corporate GHG emissions accounting over the supply chain (Version 3.2)" (March 2022, Japan's Ministry of the Environment)
b) "LCI Database IDEA Version 2.3" (Advanced LCA Research Group, The National Institute of Advanced Industrial Science and Technology and Sustainable Management Promotion Organization)
*Results have received independent assurance from KPMG AZSA Sustainability Co., Ltd. The assured value is indicated with ★.

Plastic

Targets Toward & Progress at Suntory Beverage & Food

Targets Toward 2030

- Switch all the PET bottles used globally to be made of recycled or plant-based material by 2030, achieving zero use of virgin petroleum-based materials.

2022 Progress

- Percentage of PET bottles made of recycled or plant-based material: **26%**

  Japan **46%***
  Overseas **10%**

* Ratio of the number of 100% sustainable bottle

Information

SBF sustainability
suntory.jp/sbf_sustainability_en/