

Japan's Vision for Sustainable Food Systems

1. Japan's contribution to the UN Food Systems Summit

- In order to address issues such as large-scale natural disasters associated with climate change, increase in world population, biodiversity loss, and the COVID-19 pandemic, among others, it is essential to transform our food systems to sustainable ones for achieving the SDGs. The UN Food Systems Summit (FSS) is an important opportunity to discuss concrete actions with participation of various stakeholders for the transformation of food systems as part of the "Decade of Action" toward achieving the SDGs.
- In order to promote the transformation of the food systems, it is necessary to transform the way of agriculture which is affected by natural conditions and to accelerate innovation in this field. In Japan, efforts are being made actively to develop and implement the latest technologies of agriculture, forestry and fisheries and food-related sectors, including smart agriculture, forestry and fisheries, which enables us to contribute to the transformation of global food systems. In addition, in Japan, diversified agriculture, forestry and fisheries have been practiced utilizing abundant nature and ecosystems of "Satoyama" and "Satoumi" and created food cultures making use of them, which we have inherited over the long history. In this regard, we have a lot of valuable knowledge for sustainable food systems coexisting with the global environment.
- On the other hand, Japan heavily relies on import food and therefore deeply connects with global food systems, recognizing that our food sourcing and consumption have a significant impact on the environment and natural capital in exporting countries. Therefore, it is necessary for us to contribute to the preservation of natural capital in those countries in a proactive manner along with the international community.
- Based on this recognition, we have held more than 50 Member State Dialogues with various stakeholders such as producers, food-related companies, and consumers to have lively discussions regarding how to build sustainable food

systems since November last year. In May 2021, Japan launched the “Measures for the achievement of Decarbonization and Resilience with Innovation(MeaDRI)” , the medium-long term strategy to achieve SDGs and sustainable food systems. This strategy is a new initiative model for sustainable food systems in the Asian Monsoon region for realizing both increasing production potentials and improving sustainability in the food, agriculture, forestry and fisheries sectors through innovation.

- Based on these achievements, we will express Japan’s vision for sustainable food systems as follows and contribute to the success of the summit in cooperation with other countries that share ideas.

2. Japan’s vision for sustainable food systems

(1) Implementation of initiatives in light of regional differences based on the “MeaDRI ”

Basic Concepts

- There is no one-size-fits-all solution for building sustainable food systems, and therefore it is necessary to take approaches customized to each country/region concerning the climate, the form of agriculture, forestry and fisheries, and their dietary patterns. Respecting diverse approaches towards a common goal by different countries is corresponding to the SDGs' basic philosophy of "leave no one behind."
- Regarding the greenhouse gases from agriculture, forestry, and other land use, its emissions from the Asian region account for about 40% of the world. Reducing greenhouse gas emissions in this region, such as methane generated from paddy fields, is an important issue. On the other hand, as the risk of pests and diseases is high in the hot and humid Asian monsoon climate, it is difficult for Asian countries to adopt the same approach to reduce the use of pesticides and fertilizers that is adopted in relatively dry regions such as Europe and North America.

- In light of the characteristics of this region, in May of this year, Japan launched the "Measures for the achievement of Decarbonization and Resilience with Innovation (MeaDRI)" as a new approach model for sustainable food systems in the Asian monsoon region which has different weather conditions and production structures from those of other regions like Europe and North America. Based on this strategy, we will promote domestic efforts and will contribute to building sustainable food systems in this region through extending methods and technologies applicable to the Asian monsoon region that shares common issues.

Implementation of policy efforts in the light of national/regional differences

(i) Reduction of chemical pesticides and chemical fertilizers

In order to ensure the sustainability of the agriculture, forestry and fisheries, it is important to reduce the environmental load caused by the use of chemical pesticides and chemical fertilizers through the circulating use of organic resources and disseminating smart agriculture, forestry and fisheries, customizing to each region.

Through the above efforts, Japan aims to achieve:

- 50% reduction in risk-weighted use of chemical pesticides by establishment and dissemination of the Integrated Pest Management that does not solely depend on chemical pesticides, and newly-developed alternatives, by 2050.
- 30 % reduction in chemical fertilizers use, which are made of imported raw materials and fossil fuels, by 2050.

(ii) Promotion of organic farming

In order to promote organic farming, it is important to establish technologies relating to next-generation organic farming of main products while promoting approaches that are tailored to different regional characteristics including climate/geographical conditions and planting systems.

Through these approaches, Japan aims to achieve:

- Increase in organic farming to 1Mha (equivalent to 25% of farmland) by 2050.

(iii) Reducing greenhouse gas emissions

In order to reduce greenhouse gas emissions from the agriculture, forestry and fisheries and food sectors, it is important for each country to take appropriate approaches for achieving carbon neutrality, such as accelerating the shift from fossil fuels to renewable energy including that in rural areas, transition to facilities that do not use fossil fuels, establishment of technologies related to electrification and hydrogenation of agricultural and forestry machinery and fisheries vessels, conservation of forests as carbon dioxide sinks, and countermeasures against illegal logging.

Through these approaches, Japan aims to achieve:

- Zero CO2 Emission in the agriculture, forestry and fisheries sectors by 2050

(iv) Sustainable sourcing for raw materials

In corporate activities of the food industry, it is important to accurately grasp the current situations and promote a joint public-private response to realizing sustainable sourcing.

Through these approaches, Japan aims to achieve:

- Sustainable sourcing for import materials in the food manufacturing industry by 2030

(v) Reduction in food loss and waste

Around one-third of food produced worldwide is lost or wasted. SDGs targets include, by 2030, halving per capita global food waste at the retail and consumer levels and reducing food loss along production and supply chains, including post-harvest loss. In this regard, it is important for each country to set a goal of halving food loss and waste by 2030 in collaboration with various stakeholders.

In the light of the above approach, Japan aims to:

- halve food loss and waste generated from business and household by FY2030 (compared to FY2000). In addition, we will minimize food loss and waste at the business level by 2050 through the advancement of innovative technologies.

(vi) Promoting a balanced diet

In order to realize sustainable consumption, it is important to respect the food culture of each country or region and to promote a "balanced diet" that sheds lights not only on nutritional aspects but also on environmental points of views, and food and nutrition education for that purpose. For this reason, it is necessary to incorporate environmental factors into the relevant guidance and curriculum in food and nutrition education of each country, and to encourage individuals' efforts in line with their own dietary pattern through guidance and the like.

In the light of the above and while inheriting traditional WASHOKU (Japanese cuisine) culture, Japan will:

- Promote a "balanced diet" taking not only nutritional aspects but also environmental aspects into account, and food and nutrition education based on The 4th Basic Plan for the Promotion of Shokuiku (Food and Nutrition Education) formulated in March 2021 which incorporates environmental aspects.
- Accumulate scientific knowledge and evidence on diet and health and disseminate the information. We will also disseminate the health benefits of traditional local food in collaboration with the FAO and the international community.

(vii) Enhancing the sustainable production system for fishery products

Responding to the increase of the world-wide need for proper management of fishery resources based on scientific evidence, it has become more important to enhance the sustainable production system through strengthening the fishery resource management and eradicating Illegal, Unreported, and Unregulated (IUU) fishing.

Aquaculture is also an important sector that accounts for a half of the world's seafood supply. Therefore, it is essential to implement appropriate policies for this sector with a view to minimize the environmental load through proper management of fishing grounds and reduced load on natural resources.

With these in mind, Japan will:

- Increase the number of fish stocks managed under output control (i.e. Total Allowable Catch (TAC)) to around 80% on a production basis and strengthen the control of illegal fishing in the territorial waters and EEZ.
- Introduce a strengthened trade control measures against catches derived from IUU fishing in 2022, and strengthen measures against IUU fishing internationally in collaboration with the FAO and regional fisheries management organizations (RFMOs) including through the promotion of the Agreement on Port State Measures to Prevent, Deter and Eliminate Illegal, Unreported and Unregulated Fishing (PSM).
- Establish a sustainable aquaculture to reduce dependencies on natural resources by 2050 through the promotion of the use of hatchery-reared fry and the shift of feed from raw fish to nutritionally balanced formulated feed, and also promote removal of greenhouse gases through the fixation of carbon dioxide in marine ecosystems including sea grass and seaweed meadow (blue carbon).

(viii) Promoting innovation from rural areas

In order to create a new value in rural areas and secure local income and employment opportunities, it is important to enhance local industries and innovation utilizing rural resources, with the participation of diverse human resources, which contribute to the promotion of rural areas and the resilience of local supply chains.

In doing so, it is important that women and young people can participate in local businesses and policy making in incorporating their opinions and ideas.

Therefore, Japan will:

- Promote investment into the businesses that engage in innovation from rural areas.

(ix) Promotion of private investment

Since tremendous funds are needed to promote innovations for the transformation into sustainable food systems, it is important that private funds such as ESG investments and impact investments are appropriately directed to

the entities that need them. In doing so, we should recognize that the food system is carried by various entities such as small-scale producers, family farmers, small and medium-sized enterprises, start-up companies, as well as large enterprises and large-scale producers, and therefore, it is necessary to proactively improve an access to funds for these people.

In order to promote innovation, it is necessary to avoid unjustified outflow of intellectual property including agricultural production technologies.

With the above in mind, through the cooperation with the international community, Japan will:

- Promote ESG investments related to improvement of sustainability and environmental conservation
- Promote information disclosure of climate-related risks based on the Task Force on Climate-related Financial Disclosure (TCFD) recommendations. At the same time, we will appropriately work on protection of intellectual property.

(2) Implementation of policy approaches in collaboration with the international community

(i) Strengthening food supply chains based on the rules for the free and fair trade

For the realization of a sustainable food system, it is important not to cause excessive volatility in food prices in the global market and not to cause an adverse impact on global food supply chains, particularly on food security and nutrition of vulnerable people because of policies to restrict trade, such as the expansion of export restrictions due to the global pandemic of COVID-19.

Therefore, Japan will;

- Work in collaboration with countries around the world to strengthen smooth food supply chains based on free, open and fair trade rules.

(ii) International contributions to improving nutrition, eradicating poverty

and hunger, etc.

Nutrition, an integral part of healthy and sustainable food systems, is an important factor on which universal health coverage is based. Based on the concept of human security, Japan has been providing cooperation globally towards the establishment of healthy and sustainable food systems including those in developing countries in cooperation with international organizations.

From this point of view, Japan will:

- In order to stock-take the current situation and challenges of nutrition improvement in the world and to promote international efforts to solve these challenges, Japan will host the Tokyo Nutrition for Growth Summit 2021 while expecting synergistic effects with the UN Food Systems Summit.
- Continue to work on with the international community to eradicate global poverty and hunger and to address the issues related to global food security and nutrition improvement.

3. Commitments from Stakeholders

- Through domestic dialogues, many stakeholders agreed with the purpose of FSS and committed their efforts to build sustainable food systems.
- The total number of commitments is 69, and each commitment is as shown in the attached sheet.

Food Systems Summit 2021

Commitments from Japanese stakeholders

as of 15th Sept. 2021



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Our Pledge to the Food Systems Summit

AEON Co., Ltd.



Aeon expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to realization of decarbonized society, reduction of food waste and sustainable procurement for contributing to the development of sustainable food systems, especially shifting to sustainable consumption patterns and boosting nature-positive production at sufficient scale

【Commitment】

1. Aeon Decarbonization Vision 2050

Stores: We will reduce the total GHG emissions from our stores to zero by 2050

Products and logistics: We will continue our efforts to achieve zero GHG emissions from our business operations.

With customers: We will cooperate with our customers for the realization of a decarbonized society.

2. Aeon Food Waste Reduction Target

Reduce food waste generation ratio (food waste generation amount per one million yen sales) in half by 2025 compared to 2015.

【References】

Aeon Decarbonization Vision 2050 <https://www.aeon.info/en/sustainability/datsutanso/>

Aeon Food Waste Reduction Target <https://www.aeon.info/en/sustainability/haikibutsu/>



The Ajinomoto Group



The Ajinomoto Group expresses support for UN FSS (Food Systems Summit) which will promote concrete actions for transformation to the sustainable food systems, for the purpose of delivering on the Sustainable Development Goals.

We are committed to creating a “recycling-oriented society” and realizing “sustainable procurement” in order to contribute to sustainable food systems, especially the “sustainability of food consumption and promotion of food production that is positive to the environment.”

【Commitment】

1. By 2030, we will reduce Scope 1 and 2 greenhouse gas emissions by 50% compared to 2018.

Scope 1: Direct greenhouse gas emissions from sources (such as burning fuel, industrial processes, and vehicles) owned or controlled by the organization

Scope 2: Indirect emissions from the generation of purchased electricity, heat or steam consumed by the company

2. By 2025, we will reduce food loss from procuring raw materials to delivery to customer by 50% compared to 2018.
3. By 2030, we will increase the sustainable procurement of coffee beans, palm oil, paper, soybeans, beef to 100%.
4. Through utilization of by products and innovation, we will realize usage of non-edible raw materials and make contributions to reducing the usage of edible raw materials.
5. We will contribute to the sustainable consumption of protein sources by making foods made from plant-based proteins more delicious.

【References】

Integrated Report <https://www.ajinomoto.co.jp/company/jp/ir/library/annual.html>

Sustainability data book <https://www.ajinomoto.co.jp/company/jp/ir/library/databook.html>



The Ajinomoto Foundation

THE
AJINOMOTO
FOUNDATION



The Ajinomoto Foundation expresses support for FSS (Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to promote diet and nutritional improvement through four public interest projects for contributing to the development of sustainable food systems, especially for "Ensuring access to safe and nutritious food for all", "Shifting to sustainable consumption patterns" and "Building resilience to vulnerabilities, shocks and stress".

9 Commitments for these 4 projects are in the following pages:

1. Red Apron Project
2. Ghana Nutrition Improvement Project (GNIP)
3. The Ajinomoto Foundation International Support Program for "Food and Nutrition" (AIN)
4. Vietnam Nutrition-system Establishment Project (VINEP)

【References】 <http://www.theajinomotofoundation.org/>

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The Ajinomoto Foundation

THE
AJINOMOTO
FOUNDATION



【Commitment and Action Plan】

1. Red Apron Project: Initiative to support Disaster reconstruction of disaster-stricken areas

Based on the experience of community-based cooking classes for people of a wide variety of environments and ages in the 3 Tohoku prefectures affected by the Great East Japan Earthquake, we will;

- ① Encourage and support continuation of locally-led cooking classes to be held in disaster-stricken areas and areas at risk of disasters including 3 Tohoku prefectures.
- ② Support the enhancement of literacy on food and nutrition, and QOL of residents for the regeneration of communities divided by disasters.
- ③ Contribute to “Build Back Better” and the creation of a resilient community that will lead to disaster mitigation in an emergency.

【Related information】 - From October 2011 to March 2020, we held 3,771 cooking classes in 51 municipalities for total of 54,434 residents in 3 Tohoku prefectures.

<http://www.theajinomotofoundation.org/akaepu/>

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【Commitment and Action Plan】

2. Ghana Nutrition Improvement Project (GNIP)

Focusing on maternal and child nutrition improvement for contribution to public welfare, by means of R&D of the nutritional food “KOKO Plus” that fits the local food culture, local production, distribution and dissemination of nutrition knowledge, and through co-operation with multi-stakeholders as Ministry of Health / Ghana Health Service (GHS), local private sectors, NGOs, international organizations, academia, etc. , we will;

- ① Increase the beneficiaries to 430 thousand infants by 2025 from 90 thousand in 2020
- ② Extend the coverage of collaboration districts with GHS to 70% of the country by 2025 from 20% in 2020
- ③ Contribute to achieve the national target of stunting of children under 5 affected as 14% by 2025, from 21% in 2018

【Related information】

<http://www.theajinomotofoundation.org/kokoplus/>

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The Ajinomoto Foundation

THE
AJINOMOTO
FOUNDATION



【Commitment and Action Plan】

3. The Ajinomoto Foundation International Support Program for “Food and Nutrition” (AIN)

We will;

- ① Continue providing grants of up to JPY 3 million per year for each project for max. 3 years to organizations in Asia, Africa, and Latin America aiming to solve food and nutrition issues in communities through creative practices.
- ② Support the projects with know-how for sustainability of activities, using our network, to contribute to the public interest by improving the quality of life of people.

【Related information 】 - Since the beginning of AIN in 1999 until 2020, grants have been provided for 93 projects in 20 countries with the cumulative amount of JPY 420 million.

<http://www.theajinomotofoundation.org/about/>

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【Commitment and Action Plan】

4. Vietnam Nutrition-system Establishment Project (VINEP)

Aiming to enhance hygiene and health of Vietnamese people, through the establishment of nutrition system where trained professional dietitians are deployed in various workplaces and provide with nutrition education and nutritionally well-balanced menus, we will;

- ① Continue collaboration with national organizations in Vietnam by providing financial and know-how contribution to achieve the national policy and targets.

【Related information 】 - Through VINEP, a Vietnam-Japan collaboration project, we have achieved the milestones such as the first dietitian in Vietnam, the job code for dietitian, etc.

- <http://www.theajinomotofoundation.org/vinep/>
- Japan's ODA White Paper 2020 (MOFA) p-90
https://www.mofa.go.jp/mofaj/gaiko/oda/press/shiryo/page22_001366.html
- JICA report: https://www.jica.go.jp/english/publications/j-world/2004_06.html

Asahi Group Holdings, Ltd.



Asahi Group Holdings, Ltd. expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to responding to climate change and making sustainable use of resources for contributing to the development of sustainable food systems, especially “Shift to sustainable consumption patterns” and “Boost nature-positive production”.

【Commitment】

- ① Aiming to achieve zero CO2 emissions from our entire value chain by 2050.
- ② Realizing 100% utilization of materials for plastic containers that can be used effectively by 2025.

※Effective use: Reusable, recyclable, compostable, thermal recyclable, etc.

【References】

Asahi Group Environmental Vision 2050

<https://www.asahigroup-holdings.com/en/csr/environment/policy.html>

Our Pledge to the Food Systems Summit

Calbee, Inc.



We express strong support for Food Systems Summit (FSS)

We will work on promoting sustainable procurement and reducing GHG emissions, water consumption and food loss and will contribute to

「Boosting nature- positive production at sufficient scale」 and 「Advancing equitable livelihoods and value distribution」 for achieving sustainable food system.

【Target KPIs】

1. Sustainable, environmentally conscious procurement

- ① Domestic procurement volume of potatoes 400,000 tons(FY2024/3)
- ② 100% use of certified palm oil (CY2030)

2. Caring for the earth

- ① Total greenhouse gas emissions : 30% reduction (CY2030)
- ② Product food loss : 20% reduction (FY2024/3)
- ③ Total water consumption : 10% reduction (CY2030)
- ④ Total waste generated : 10% reduction(CY2030)

【 References 】

Calbee Report 2020

<https://www.calbee.co.jp/en/csr/materiality/>



Our Pledge to the Food Systems Summit

Cookpad Inc.



Cookpad Inc. expresses support for FSS (Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to increasing the number of consumers who are aware of the food issues happening in the world through cooking and who are able to make their own choices for contributing to the development of sustainable food systems, especially for shifting to sustainable consumption patterns and building resilience to vulnerabilities, shocks and stress.

【Commitment】

- ① Increasing the number of people who cook and enjoy cooking by developing communities in 100 countries around the world.
- ② Promoting food education in junior and high schools by providing lessons on social and environmental issues through food.
- ③ Supporting the diversification of the food value chain.

【References】

World Cooking Index (Measurement of cooking frequency)

<https://worldcookingindex.com/>

Cookpad Learning Support (Food education initiatives)

<https://education.cookpad.jp/>



entomo protein Inc.



entomo protein Inc. expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to “Disseminating insect food and fostering an insect food culture” and “Fair trade from Africa” for contributing to the development of sustainable food systems, especially “Action Track 1. Ensure access to safe and nutritious food for all ” and “Action Track 4. Advance equitable livelihoods

【Commitment】

- ① Updating a traditional insect food to the future food "insect food 2.0".
- ② Promoting education for fostering an insect food culture.
- ③ Participating in rule-making for edible insect industrialization.
- ④ Increasing the amount of fair trade from African women's organizations.

【Our Vision】

Edible insects will be one of the "meat" option, the food culture of 10 billion people will be more enriched with them.

People in developed countries will become healthier.

The nutritional status of people in developing countries will be improved.

【References】

SDGs Declaration https://entomo.jp/sdgs_edibleinsects



Our Pledge to the Food Systems Summit

FamilyMart Co., Ltd.



FamilyMart Co., Ltd. expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to reducing food waste for contributing to the development of sustainable food systems, especially “for shifting to sustainable consumption patterns.”

【Commitment】

We aim to reduce food waste from our stores by 50%(compared to 2018) by 2030, and 80% by 2050. We will achieve this by improving manufacturing and packaging methods to extend shelf life, enhancing our advance sales, and using AI to increase ordering accuracy.

【References】

FamilyMart Environmental Vision 2050

<https://www.family.co.jp/english/sustainability/ecovision.html>



FP Corporation



FP Group hereby expresses its support for the FSS, which will be held to promote concrete actions to transform into a sustainable food system toward the achievement of all sustainable development objectives.

The group will work to promote “FPCO method Tray to Tray” recycling in order to contribute to the realization of a sustainable food system, especially a transition to a sustainable consumption pattern.

【Specific measures and targets (Commitment)】

- ① Offsetting all the CO2 emission from its group activities by Mar. 2025 by increasing the effect of CO2 emission reduction to 23.7 million tons from sales of its eco-products (“EcoTray”, “Eco-APET” and “Eco-OPET”).
- ② Increasing effects of CO2 emission reduction from Tray to Tray recycling as follows.
“Eco-Tray”: Increase to 37% by 2023 (currently 30%)
“Eco-APET” and “Eco-OPET”: Increase to 41% by 2025 (currently 30%)
- ③ Developing food containers which contribute to safe transportation and sale of food and to reduction of food waste.

【Related information】

- FPCO Carbon Offset Declaration Through Recycling

https://www.fpc.jp/en/en_esg/en_environmenteffort/en_climate_change.html

- FPCO method circular recycling https://www.fpc.jp/en/en_esg/en_environmenteffort/en_fpc_recycle.html



Fuji Oil Group Holdings Inc.



Fuji Oil Group expresses its support for the Food Systems Summit which is held to promote concrete actions for the transformation to a sustainable food systems in order to achieve all the Sustainable Development Goals.

We are committed to sustainable procurement of raw materials, reduction of CO2 emissions, water usage and waste and promotion of recycling in order to contribute to the realization of sustainable food systems, especially “Boost nature-positive production” and “Advance equitable livelihoods”.

【Commitment】

1. We promote sustainable procurement of our raw materials for action track 3 & 4

1) Palm Oil

- To achieve 100% Traceability to plantation rate by 2030
- To ensure that 100% of suppliers of Palmaju Edible Oil in Malaysia are engaged in the Labor Transformation Program by 2025

2) Cacao

- To completely eradicate child labor in our supply chain of cacao beans and cacao products by 2030, and to eliminate “Worst Forms of Child Labor” as defined by the International Labor Organization by 2025
- To plant one million trees in cacao producing regions by 2030.

2. We promote various efforts to achieve the “Environmental Vision 2030” for action track 3

Target by 2030 (base year:2016)

- | | |
|-----------------------------------|--|
| 1) CO2 emissions reduction | Scopes 1 & 2: 40% reduction in total CO2 emissions
Scope 3 (Category 1): 18% reduction in total CO2 emissions |
| 2) Water usage reduction | 20% reduction in base-unit water usage |
| 3) Waste reduction | 10% reduction in base-unit waste |
| 4) Resource recycling | Maintain a recycling rate of at least 99.8% until 2030 in Japan |

【References】Fuji Oil Group Sustainability website <https://www.fujioilholdings.com/en/csr/>

Our Pledge to the Food Systems Summit

Glico Group

Glico Group expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems.

Through our business, Glico Group contributes to people's health and the realization of a sustainable society. In addition, in order to fulfill our responsibilities as a corporate citizen toward the realization of a resource-recycling society, we are committed to promote to reduce greenhouse gases, utilize sustainable water resources, use sustainable containers and packaging resources, and reduce food-loss/waste.

【Commitment】

- ① We focus to achieve a 100% reduction in greenhouse gases (such as CO₂ and fluorocarbon gases) by 2050.
- ② We focus to reduce our unit consumption of water by 20% and achieve zero water pollution by 2050.
- ③ We focus to completely replace plastic with recycled materials and paper with Forest Stewardship Council (FSC)-certified paper by 2050.
- ④ We aim to achieve a 95% reduction in food loss/waste by 2050.



Food Systems Summit 2021

Our Pledge to the Food Systems Summit



Hayashibara Co., Ltd.



Hayashibara Co., Ltd., expresses its support for the Food Systems Summit (FSS), which is held to promote concrete actions for the transformation of Food Systems in ways that will help deliver all the Sustainable Development Goals.

We are committed to promoting the health of all life on earth and help ensure plentiful food resources for the future for contributing to the development of sustainable food systems. Our goal is to develop safe and nutritious food products with our partners using the plant-based ingredients developed through our biotechnology. Our particular strength lies in the unique enzyme utilization technology that we have developed over decades, which brings innovative solutions to the food industry. We also work to secure stable food supply by improving agricultural and livestock productivity and reducing food loss and waste. In this way we help to “ensure access to safe and nutritious food for all.”

【Commitment】

- ① We will strengthen partnerships with stakeholders to optimize the beneficial functions of our food ingredients in order to secure the food supply and contribute to better and healthier lifestyles. In cooperation with our partners, we will focus on the following activities with the aim of developing 100 products by 2025 and 200 by 2030.
 - We will utilize the functions of our ingredients to help develop novel food products that are safe and nutritious and that boost protein intake.
 - We will contribute to stable food supply by reducing food loss and waste through ingredients that keep foods fresh for longer.
- ② We will develop manufacturing technologies and ingredients that help reduce environmental impacts. We will support increased crop and livestock productivity by developing applications that improve food security.
- ③ We will work with our business partners for securing visibility and transparency throughout the raw material supply chain to ensure appropriate working conditions and equitable livelihoods.

【References】

Sustainability at Hayashibara https://www.hayashibara.co.jp/data/en_sustainability/



Hopeful Touch (NGO)



Hopeful Touch expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to improving children's life skill regarding food security and health in Sudan for contributing to the development of sustainable food systems, especially for "shifting to sustainable consumption patterns".

【Commitment】

- ① Promoting the introduction of Food Education in primary education which contributes to child's health and resilience in her/his basic life.
- ② Introducing School Gardening which promotes schools' sustainable and self-reliant food security and Food Education.

【References】

Hopeful Touch

<https://www.hopefultouch.org>



Our Pledge to the Food Systems Summit



House

House Foods Group Inc.



House Foods Group Inc. expresses its support for FSS (Food Systems Summit), which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to reducing CO2 emissions and total waste emissions from our business activities, for contributing to the sustainable food systems, especially “Promote positive production for nature on a sufficient scale” and “Shift to sustainable consumption patterns”.

【Commitment】

- 1) Accelerate CO2 reduction and expand the scope of initiatives.
 - We aim to achieve the 2026 CO2 reduction target of -18% (per unit of production compared to FY2013) under SCOPE 1 and 2.
 - We will work to reduce CO2 emissions globally and throughout the supply chain. (SCOPE 1, 2, 3)
- 2) Strengthen the promotion of waste reduction activities and promote the conversion of waste into valuable resources.
 - We aim to achieve the 2026 total waste emissions target of -12% (per unit of production compared to FY2019), mainly by curbing the generation of food residues at our production sites.



International Medical Volunteers Japan Heart



International Medical Volunteers Japan Heart expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to Improving nutritional status of local communities through providing hospital food in Cambodia for contributing to the development of sustainable food systems, especially for “Shifting to sustainable consumption patterns”

【Specific Goals】

- ① Supporting patient treatment by serving well-balanced hospital food which is customized according to each patient condition under hygiene control
- ② Conducting nutrition education in local communities regularly to promote well-balanced diet and improve nutritional status of communities with low nutritional conscious

【References 】

<https://www.japanheart.org/en/en-activities/en-cambodia/>

Our Pledge to the Food Systems Summit



Iseki Co., Ltd.



Iseki Co., Ltd. expresses support for FSS (Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

In order to contribute to the realization of a sustainable food system, especially to the “boost nature-positive food production at scale”, we are committed to working on the development and dissemination of agricultural machinery that can help conserve the environment.

【Our approaches】



Promotion of Auto-variable fertilizing rice transplanter (with straight-travel assist function)

Providing the rice transplanter with the function of straight-travel assist by GNSS, equipped with an automatic control system for the amount of fertilizers analyzing the current soil condition. The system shall contribute to saving the resources and conserving the quality of water.



Electric battery-powered agricultural machinery

Making full use of the technologies acquired in our research, we will promote the development of Electric battery-powered products that contribute to solving the environmental problems.

Electric battery-powered tractor
(Prototype)

【References】

Initiatives for SDGs: <https://www.iseki.co.jp/csr/sdgs/>
Afu no Wa: <https://www.iseki.co.jp/csr/product/afunowa.pdf>



ITOCHU Corporation



ITOCHU Corporation hereby commits to support the Food System Summit (FSS), which is aimed to promote the concrete actions in an effort to transform towards the sustainable Food systems, in an effort to achieve all the Sustainable Development Goals (SDGs). Our company will work towards “building sustainable supply-chain” in order to contribute towards “safe and reliable food and food products”.

Goals:

- We will promote the Food safety through our own surveys and audits of our oversea suppliers' food manufacturing plants.
- We will promote the activities to realize the procurement of imported food ingredients by giving consideration to the environment and the human rights.



Itoham Yonekyu Holdings Co.,Ltd



Itoham Yonekyu Holdings Co.,Ltd express support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to promoting the development of sustainable food systems, especially for “sustainable food consumption” and “Boosting nature-positive production at sufficient scale”

【Commitment】

- ① Utilize discharged raw materials from manufacturing process as animal feed or fertilizer.
- ② Reduce CO2 emissions and promote resource recycling by reuse of waste cooking oil.
- ③ Develop new protein sources such as soy meat, and expand the market.

Our Pledge to the Food Systems Summit



Japan Airlines



Japan Airlines expresses support for FSS (Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, to achieve all Sustainable Development Goals.

We are committed to realize “sustainable in-flight meals” in order to contribute to the sustainability of food consumption and the harmony of food with the environment.

【Commitment】

- ① We will expand the use of ingredients that have acquired global certification, to work on social issues
- ② We will expand the use of domestic ingredients, to reduce environmental load and promote regional revitalization
- ③ We will expand the airline's first initiative, "In-flight pre-meal cancellation service (" JAL Ethical Choice ")", to all routes, to reduce food loss
- ④ We will further develop and provide a "future in-flight meal menu" that uses ingredients that are safe, nutritious, have a low environmental impact, and are environmentally resistant.

【References】

Japan Airlines Environmental Vision for 2030

<http://www.jal.com/en/sustainability/environment/>



Our Pledge to the Food Systems Summit

Japanese Consumers' Co-operative Union



Japanese Consumers' Co-operative Union (JCCU) expresses support for the FSS (Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to i) reducing food loss and waste; ii) promoting ethical consumption; and iii) promoting responsible sourcing, for contributing to the development of sustainable food systems, especially for "Shifting to sustainable consumption patterns". We also support our member co-operatives in advancing these efforts.

【Commitment】

- ① We are committed to reducing food loss and waste generated through our private labels' (CO-OP brand products) supply chain by at least 50% by 2030, compared with 2018 levels. We will take comprehensive measures including reviewing of business practices, improving the accuracy of demand forecasts, and making use of excess food items through working with food banks, among others. Together with our member co-operatives, we will encourage our consumer-members' participation particularly in practicing the "Rolling Stock" method with CO-OP brand products and reducing food waste at home.
- ② We will advance the development and promotion of CO-OP brand products that contribute to "ethical consumption" by our consumer-members. We will enhance consumers' awareness and understanding of "ethical consumption" and "sustainable diet" through information sessions and communications.
- ③ We will promote our business activities in compliance with the "CO-OP Brand Responsible Sourcing Policy" to ensure the protection of human rights and environmental sustainability throughout our supply chain.

【Reference】

Co-op Action Plan for the SDGs: https://jccu.coop/eng/feature/coop_action_plan/



Our Pledge to the Food Systems Summit



Japan GAP Foundation

Japan GAP Foundation expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to enhancing and disseminating JGAP and ASIAGAP for contributing to the development of sustainable food systems, especially boost nature-positive production (Action Track 3)

【Commitment】

- ① Reducing greenhouse gases by implementing JGAP・ASIAGAP in the following processes.
 - Implementing both IPM method for reducing the agrochemicals and proper fertilization for reducing the chemical fertilizer.
 - Reducing fuel by energy-saving in the facilities and the machinery.
 - Reducing volume of waste material(Especially, waste plastic) and implementing the appropriate disposal
 - Suppressing production of methane gas by controlling the water in paddy field .
- ② Providing the information in relation to reduction of greenhouse gases, promotion of IPM and biodiversity on the occasion of the training course.
- ③ Contributing to reduction of greenhouse gases in Japanese agriculture and promotion of biodiversity by disseminating JGAP and ASIAGAP

【References】 <https://jgap.jp/en/>



Our Pledge to the Food Systems Summit

JISNAS (Japan Intellectual Support Network in Agricultural Sciences) **FAO** (Food and Agriculture Organization of the United Nations)

JISNAS and FAO started holding monthly joint seminars from May 2021, mainly targeting students and researchers from universities and research institutions in Japan. During these seminars, FAO's latest information on food and agriculture are presented to participants so that they can familiarize themselves with it and use it with more ease. By the end of May, two seminars had been held. A series of joint seminars allow us to share our information with a wider range of people, develop human resources, and build and expand networks, each of which can accelerate the shift towards sustainable food systems.

The transformation of food systems is an issue that concerns the entire world, and we believe that universities and research institutions can make great contributions to solving this issue. The JISNAS-FAO commitment is expected to play an important role in not only promoting environmentally sound agriculture that is based on ecological correctness and sustainable production but also optimizing the food supply chains.

【Commitment】

1. All the presentations and discussions during the seminars will be delivered in Japanese so that all participants, including those who normally cannot access international technical information provided by UN agencies or other international organizations due to language constraints or due to the highly technical nature of its contents, can participate and interact.
2. We intend to provide opportunities for the general public to gain wider access, either directly or indirectly, to FAO's knowledge regarding food and agriculture as well as information regarding the transformation of food systems in the world.
3. We encourage universities and research institutions in Japan to participate in or collaborate with global partnerships on food systems.
4. We contribute to developing human resources by providing opportunities for younger generations (i.e., young students and researchers) to voice and discuss their opinions, gain an international perspective, and get work experience.
5. During our previous joint seminars, participants reaffirmed that universities and research institutions should take much more cross-sectional and interdisciplinary approaches to resolve global issues. To meet this expectation and to contribute to transforming the current food systems into more sustainable and robust ones, universities and research institutions must not only accumulate information and knowledge and participate in many active discussions but also promote research and education that can support the social implementation of the wisdom gained.

The JISNAS and the FAO regularly evaluate the status of the JISNAS-FAO commitment to review and modify their activities as appropriate.



Commitment to Food Systems SUMMIT



J-milk (Japan Dairy Association)



J-milk expresses support for the FSS (Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to promoting our “dairy strategic vision” in collaboration with dairy farmers, processors, researchers, and government in our efforts to contribute to the realization of sustainable food systems in alignment with the Japanese government’s “Measures for achievement of Decarbonization and Resilience with Innovation,” and to collaborating with the International Dairy Federation—which represents the global dairy sector—and the Global Dairy Platform to utilize international frameworks including the “Dairy Sustainability Framework,” especially to contribute “Ensuring access to safe and nutritious food for all” “Shifting to sustainable consumption patterns” and “Boosting nature-positive production at sufficient scale”.

Specific Goals

1. Contributing to the stable supply of milk for school meals, which is indispensable to balanced nutrition for children, in alignment with the school meal program promoted by the global dairy sector.
2. Contributing to maintaining the sustainable and healthy Japanese dietary pattern, in which both animal-based foods and plant-based foods are incorporated in a good balance, and relieving Japan’s nutritional issues of calcium deficiency and excess salt intake, through stable supply of milk and dairy products.
3. Setting numerical targets to promote animal welfare, good work environments, reduction of greenhouse gases, material-cycling-type production, stabilization and development of family farming, and contributions to local communities.

References

J-milk Commitment to UN Food Systems Summit 2021

<https://www.j-milk.jp/news/unfsscommitment.html> (in Japanese)



Kagome Co., Ltd.



Kagome Co., Ltd. expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

【Commitment】

1. Kagome will strive to promote the importance of eating vegetables and skillful ways to consume vegetables, and contribute to a healthy diet. By increasing the demand for vegetable consumption through this activity, Kagome will contribute to agricultural development and regional revitalization. (Right: Kagome promote “Let’s Eat Vegetables Campaign” logo)
2. Kagome will promote environmentally friendly business activities.
 - ① Kagome will reduce CO₂ emissions by 20% by 2030 and 50% by 2050. (Compared to 2016) This target was formulated in accordance with the "2°C target" of the Paris Agreement, but in the future we plan to formulate a reduction target in line with the SBT standard "1.5°C target".
 - ② By 2030, 50% or more of the total amount of resin used for beverage plastic bottles will be recycled materials or plant-based materials.
 - ③ By 2030, Kagome will eliminate the use of plastic straws made from petroleum-derived materials and replace them with materials that can be recycled (plant-based materials or paper materials, etc.).
 - ④ Kagome will reduce the amount of food waste in Japan by 50% by 2030. (Compared to 2018)



■ The Kagome Integrated Report2020 https://www.kagome.co.jp/library/company/ir/data/integratedreport/2020/pdf/report_2.pdf

KENKO Mayonnaise Co.,Ltd



KENKO Mayonnaise Co.,Ltd supports the Food Systems Summit(FSS), which aims to transform food systems to be more sustainable and equitable to meet the Sustainable Development Goals.

We are committed to minimizing food loss, food waste, and greenhouse gas emissions to develop sustainable food systems, specifically focusing on “Shifting to sustainable consumption patterns” and “Boosting nature-positive production at sufficient scale”. Ultimately, we contribute to the health and happiness of people and sustainable society through sustainable food production.

【Specific Goals】

1 For realization of “Shifting to sustainable consumption patterns”

- Reducing food loss and food waste by 15% by 2030.
(compared with 2019 intensity)
- Promoting the development of up-cycle products.

2 For realization of “Boosting nature-positive production at sufficient scale”

- Reducing greenhouse gas emissions by 50% by 2030.
(compared with 2019 intensity)
- Select environmentally friendly materials and reduce plastic usage.

【Related information】

KENKO Mayonnaise’s Sustainability Policy <https://www.kenkomayo.co.jp/en>



Kewpie Corporation



Kewpie Group expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to "Creation of healthy eating habits", "Effective use & recycle of resources" and "Response to climate change" for contributing to the development of "sustainable food consumption" and "nature-positive production", based on our Basic Approach to Sustainability.

【Commitment】 numerical values are quantitative targets by 2030

Social : Initiatives Toward Creating Healthy Eating Habits

- ① Contribute to Extending Healthy Life Expectancy
 - Contribute to achieving a vegetable intake target of 350 grams* per day
 - Promote a boost in egg consumption in order to contribute to increasing protein intake
- ② Bring over one million smiles to children that participate in the Group's dietary education activities

Global Environment :

- ① Effectively utilize more than 90% the unused parts of vegetable among our major materials
- ② Reduce product disposal more than 50% compared with 2015.
- ③ Reduce the annual plastic waste for the Group more than 30% compared with 2018.
- ④ Reduce the annual CO2 emissions for the Group more than 35% compared with 2013.

【References 】

Kewpie's Sustainability site

<https://www.kewpie.com/en/sustainability/>



Kikkoman Corporation



Kikkoman Corporation aims to contribute to achieving SDGs as part of practicing our Management Principles and pledges its support for the Food Systems Summit. In order to contribute to the development of sustainable food systems, particularly “Boosting nature-positive production at sufficient scale”, Kikkoman Corporation is working to achieve the following targets based on the Kikkoman Group Long Term Environmental Vision:

- | | |
|-------------------|---|
| Climate Change | 1. Reduce CO2 emissions by more than 30% by 2030 compared with 2018 |
| Food Environments | 1. Reduce water consumption (per unit of production) by more than 30% by 2030 compared with 2011
2. Set high standards for wastewater treatment
3. Build systems to ensure sustainable sourcing |
| Natural Resources | 1. Reduce waste in production and sales
2. 100% recycling rate
3. Develop eco-friendly products throughout the value chain |

【References】

Kikkoman Group Long-Term Environmental Vision

<https://www.kikkoman.com/en/csr/environment/vision/index.html>

Kirin Holdings Company, Limited



The Kirin Group announce our support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation to sustainable Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to sustainable use of biological resources for contributing to the development of sustainable food systems, especially “Boosting nature-positive production at sufficient scale”.

Our Commitments

- (1) We will support 10,000 small tea farms in Sri Lanka to obtain Rainforest Alliance certification by the end of 2025 and continue our support after that.
- (2) We will support 700 small coffee farms in Vietnam to obtain Rainforest Alliance certification by the end of 2021, and continue our support after that.
- (3) We will extend our efforts of 100% use of FSC-certified paper in all paper containers and packaging, which Kirin Brewery, Kirin Beverage, and Mercian have already achieved in 2020, to all Group companies, including overseas.
- (4) We will continue to procure all palm oil products according to the method approved by the Roundtable on Sustainable Palm Oil (RSPO).

Reference

Kirin Group's Environmental Vision 2050

https://www.kirinholdings.co.jp/english/news/2020/0210_01.html

KOKUBU GROUP CORP.



In regards to the SDGs, KOKUBU Group pledges to “pass on the business we have built up over 300 years to the next generation and create happiness and smiles for everyone across the globe through food.”

KOKUBU Group expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

Our company is taking initiatives to reduce the environmental impact of distribution and increase sustainable consumption in order to contribute to achieving a sustainable food system.

【Specific Initiatives and Goals (Commitments)】

- ① We aim to reduce the entire group's CO₂ emissions by 30% compared to 2017 by 2030, and to achieve zero carbon by 2050.
- ② We will reduce our food waste by 50% in comparison with 2017 by 2030
- ③ We will increase the sales of our sustainable category to 10 billion yen by 2030.
- ④ By 2030, we will build a system for improving transparency and traceability of supply chain in which we can deliver food and raw materials produced in distinctive areas to consumers with information of producers' efforts

【References 】

KOKUBU Group Social & Environmental Conservation Activities

<https://www.kokubu.co.jp/sustainability/>



KOKUBU Group Sustainable foods Category

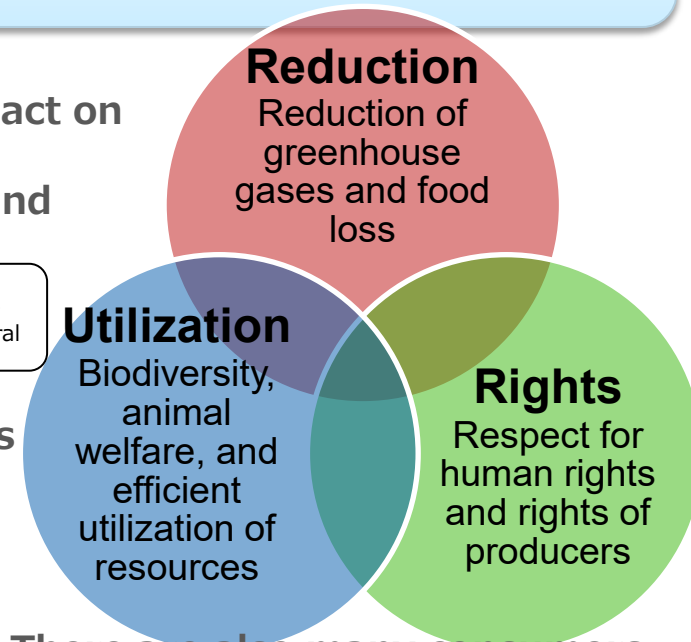
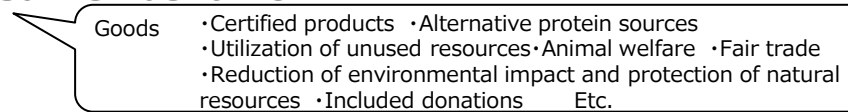
As a food wholesaler, KOKUBU Group provides **food** to the nation. One key area for KOKUBU Group is **food production**. The group supports sustainable food production and aims to create a world where all people involved in its production can be suitably compensated. We are working to achieve these goals with **the new creation of a Sustainability Category in the market**.

Definition of KOKUBU Group's Sustainability Category

All products and initiatives will provide a sustainable, positive impact on the environment, society, and economy, make clear sustainability intentions from production to disposal, and encourage changes in consumer behavior

Component Breakdown

1. **Reduction** of greenhouse gases and food loss
2. Biodiversity, animal welfare, and efficient **utilization** of resources
3. Respect for human **rights** and **rights** of producers



Current Issues

- It is not only corporations that want to contribute to the SDGs ⇒ There are also many consumers
- At present, information provided at branches and through various media is insufficient



KOKUBU Group Activities

- Define sustainable products
- Push for development and discovery of even better products
- Create marketplace and media with properly communicated information
- Establish environment where consumers can select products based on their own judgment

KOKUBU Group Goals

CREATE A NEW MARKET THROUGH THESE ACTIVITIES THAT IS WORTH MORE THAN 10 BILLION YEN

KOKUBU Group Sustainable Category Products (Examples)

■ Kantsuma Series – Canned Iseshima Turban Shell

The method used in Shima City to collect turban shells is centered on the Ama divers and **designated as Japan Heritage “Toba and Shima – the town where you can meet Ama Divers; The women who make a living from free diving”** by the Agency for Cultural Affairs. This product contains turban shells collected using this fishing method, supporting the Ama divers*, the women who use the traditional fishing methods that protect natural resources, and the local community.



*Ama divers

A fishing method in which women freedive to collect turban shells, etc. It started 2000 years ago and is one of the rarest form of fishing in the world. The divers check the size of each turban shell they collect, and by doing so, ensure that they do not overfish and protect the resources.

■ Tony’s Chocolonely



The KOKUBU Group became an import agency for Tony’s Chocolonely and began domestic sales in November 2020.

Tony’s Chocolonely Nederland B.V. uses cacao and other ingredients that meet the **international fair trade standards***. Their mission is to achieve chocolate that is made from **cacao that does not rely on forced or illegal child labor** at all, not only for their own products, but for all chocolate across the world.



*Fair trade

A trade system that aims to improve the livelihoods of producers and laborers from developing countries in vulnerable positions by continually purchasing ingredients and products from those countries at a fair price.



KOKUBU Group's Frozen/Chilled Logistics

The KOKUBU Group is **contributing to the reduction of food loss** through its **Frozen/Chilled (FroChill) initiative** in the distribution process. FroChill is the sale of products that have been stored and distributed in a frozen state, and then defrosted and sold chilled. Through this process, **it becomes necessary to change the best before and use by date** of the product from its frozen date to its chilled date. At the KOKUBU Group Distribution Center, we use this highly-versatile FroChill method for all commercial and business products.

[Factory]



[KOKUBU Group Three Temperature Zone Center]



We defrost the necessary number of products according to the order and stick a new best before or expiry date on the product

[Our client stores]



No need for defrosting, less time used in preparation

Reducing the burden in manufacturing

By freezing the products, it becomes possible to store them temporarily at the KOKUBU Group Distribution Center, which contributes to the reduction of the burden and speed of distribution by the manufacturers as the products can be **manufactured and shipped in a planned manner**.

Contributing to the reduction of food loss in the distribution process

Reducing the burden in store operations

By defrosting and shipping only the necessary amount, **the workload and loss at stores is reduced**. For products that need to be prepared inside the store, defrosting the items at the Distribution Center before shipping saves the time needed to prepare. Also, for highly-processed ingredients, defrosting and shipping eliminates the need for cooking entirely.

FroChill makes it possible to handle foodstuffs from produced in distant areas with short shelf lives, guaranteeing product diversity and delivering the wishes of the producers to the consumers.

Our Pledge to the Food Systems Summit



Kubota expresses support for FSS (Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

With “For Earth, For Life” as our brand statement, we are committed to contributing the development of a sustainable food system, especially to realize “Boost nature-positive production” and “Build resilience to vulnerabilities, shocks and stress,” by achieving carbon-neutral agriculture and realizing a circular food production system by 2050.

<Commitment >

- 1) Contribute to the realization of a carbon-neutral society by reducing CO2 emissions from the manufacturing process and the operation of our agricultural machinery, and by curbing greenhouse gas emissions from the agricultural sector.
- 2) Contribute to the improvement of food productivity by promoting Smart Agriculture using AI and digital technologies.
- 3) Contribute to the realization of a circular economy through resource recovery solutions from agricultural residues and food waste.
- 4) Contribute to the establishment of an agricultural data linkage platform and the promotion of food-loss reduction by providing comprehensive digital solutions.

< References >

Kubota Website(Sustainability): www.kubota.com/sustainability/index.html



Our Pledge to the Food Systems Summit

KURADASHI Co.,Ltd.



KURADASHI Co.,Ltd. expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to promoting food loss reduction for contributing to the development of sustainable food systems, especially ① Ensuring access to safe and nutritious food for all, ② Shifting to sustainable consumption patterns, and ③ Advancing equitable livelihoods and value distribution.

【Commitment】

- ① Reducing food loss and waste by 50% by 2030 by using food sharing shopping site “KURADASHI”.
- ② Supporting food banks and organizations working to resolve social issues.
- ③ Providing food education opportunities to university students and realize regional revitalization.

KURADASHI significantly reduces the occurrence of waste (including food waste) by using the Internet to promptly match products that would otherwise be discarded with consumer needs. Sponsoring companies enjoy the benefits of reductions in disposal costs and CO2 as well as avoiding reputational risk, such as disturbances to the brand image and of market conditions. Consumers can purchase products for very low prices at discounts ranging from 40% to as much as 99%.

【References】

- About KURADASHI : <https://www.kuradashi.jp/about>
- Report : <https://www.kuradashi.jp/report>
- KURADASHI Fund : <https://www.kuradashi.jp/fund>



The Kyokuyo Group



The Kyokuyo Group expresses support for FSS (Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

The Kyokuyo Group is committed to a sustainable food system, for contributing to the development of sustainable food systems, especially 【Boost nature-positive production】 , 【Ensure access to safe and nutritious food for all】 and 【Shift to sustainable consumption patterns】 .

《Commitment①》 For **【Boost nature-positive production】**

The kyokuyo Group will strive to expand the handling of products with marine eco-labels such as MSC and ASC.

In order to contribute to the conservation of biodiversity, the Kyokuyo Group is striving to expand the handling of seafood products with marine eco-labels of MSC and ASC.

We have been certified as a processor and distributor, and currently handle 35 species of MSC fish and 7 species of ASC fish.

(As of April 2021)

《references》 Kyokuyo website <https://www.kyokuyo.co.jp/en/>
MSC website <https://www.msc.org>
ASC japan website <https://www.asc-aqua.org>



The Kyokuyo Group



《Commitment②》 For **【Ensure access to safe and nutritious food for all】**
and **【Shift to sustainable consumption patterns】**

The Kyokuyo Group will strive to develop and promote the sales of health-conscious "KARUSHIOH" certified products.

What is "KARUSHIOH"?

It is an initiative of the National Cerebral and Cardiovascular Center to promote "a new way of thinking about salt reduction" to improve dietary habits for the prevention of cardiovascular diseases.

The Kyokuyo Group agrees with this purpose and is also promoting the development and sales of certified products.

《Kyokuyo's "Karushioh" certified products (As of April 2021)》

- Smoked salmon trout with Karushioh for commercial use (photo→)
- Karushioh White Salmon F with Kelp Extract
- Karushioh Silver Salmon F with Kelp Extract

《references》

National Cerebral and Cardiovascular Center KARUSHIOH PROJECT

<http://www.ncvc.go.jp/karushio/salt-reduction/english.html>

Kyokuyo HP <https://www.kyokuyo.co.jp/en/>



Food Systems Summit 2021

LOTTE CO., LTD.



LOTTE Co., LTD. expresses support for Food Systems Summit 2021 which is held to promote concrete actions for the transformation to sustainable food systems.

We are committed to promoting CO₂ emissions reduction, FLW (food loss and waste) reduction, sustainable procurement and food education activities for contributing to the development of sustainable food systems, especially for “Shifting to sustainable consumption patterns” and “Boosting nature-positive production”.

【Commitment】

- ① Reducing energy-related CO₂ emissions (scope1,2) per unit of sales by 13% or more by FY2023 compared with FY2013, and by 26% or more by FY2028. We will review and update the reduction targets based on changes of social conditions.
- ② Reducing the volume of FLW (food loss and waste) produced per unit of sales volume by 50% or more by FY2028 compared with FY2019.
- ③ Promoting sustainable procurement setting cacao beans, palm oil and paper as primary raw materials.
- ④ Promoting food education for raising consumer's awareness of sustainable diet.

【References】

LOTTE 2028 Medium-Term ESG Targets

<https://www.lotte.co.jp/corporate/sustainability/materiality.html>



Maruha Nichiro Corporation



Maruha Nichiro Corporation expresses support for FSS(Food System Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to promoting food loss reduction by contributing to the development of sustainable food systems, especially for "boosting nature-positive production at sufficient scales."

【Specific initiatives and goals (commitments)】

"Focus on technological development of farm-raised bluefin tuna"

We will develop breeding technology of egg-to-harvest bluefin tuna, of which we are the first private company to achieve full-cycle breeding and commercialization, through joint research with the Fisheries Research and Education Agency.

Additionally, regarding yellowtail, we plan to begin a full-scale shipment of yellowtail, incubated and raised artificially, in FY2020 and plan to sell them as egg-to-harvest yellowtail by FY2022.

We will continue to focus on the development of aquaculture technology and contribute to the sustainable use of marine resources.

"Promote the use of marine products obtained through sustainable fishing and aquafarming certificates"

As of April 2021, the total number of certified fish species we handle is 40 species, an increase of 5 species from the same period in 2020. We will continue to promote the use of fish species obtained through sustainable fishing and aquafarming certificates and contribute to the sustainable supply of marine products.

【Related Information】

• Medium-term Sustainability Management Plan

https://www.maruha-nichiro.com/sustainability/environmental_value/marine_resources.html

• News Release (only in Japanese)

https://www.maruha-nichiro.co.jp/corporate/news_center/news_topics/2021/03/30.html



Food Systems Summit 2021

Megmilk Snow Brand Co., Ltd.



Megmilk Snow Brand Co., Ltd. expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering the Sustainable Development Goals.

We have identified social issues (CSR Material Issues) to address, and are committed to work on the problems including reduction of food waste in alignment with “Measures for achievement of Decarbonization and Resilience with Innovation (MeaDRI)” of Japanese government with the aim of the realization of sustainable Food System, especially “Ensure access to safe and nutritious food for all”, “Shift to sustainable consumption patterns”, and “Boost nature-positive production”

【Commitment】

- ①Pursue eco-friendly product development (extend the expiration date on existing and new products, and actively promote the labeling of the month and year for expiration dates)
- ②Carry out food education activities based on the key theme of contributing to the extension of healthy lives and aim for an average of 45,000 participants every year in fiscal 2019-2026
- ③Raise the food waste recycling rate to 95% or more by fiscal 2021
- ④Procure 100% certified palm oil by fiscal 2026
- ⑤Provide administrative and technical support for sustainable dairy farm management through operational support for the Japan Young Dairy Farmers Research Association and the activities of the Research & Development Center for Dairy Farming

【References】

CSR Material Issues <https://www.meg-snow.com/csr/materiality/>

Our Pledge to the Food Systems Summit



Meiji Co., Ltd.



Meiji Co., Ltd. expresses support for FSS, which is held to promote concrete actions to transform food systems to achieve all the Sustainable Development Goals.

To achieve sustainable food systems, particularly Action Tracks 1, 2, and 3, we will actively promote initiatives that contribute to creating the sustainable food system in cooperation with various stakeholders under the “Meiji Group Sustainability 2026 Vision” and the Meiji Group's long-term environmental vision “Meiji Green Engagement for 2050” to coexist with nature in the future.

【Commitments】

1. We will contribute to food security by providing products such as a special formula for infants with congenital metabolic disorders as well as liquid food and nursing care food that meet the nutritional needs of the elderly.
2. To promote understanding and dissemination of dietary education that supports sustainable food, we will implement Meiji-style dietary education at elementary and junior high schools throughout Japan, aiming at achieving 700,000 participants in these activities over the three years from 2021– 2023.
3. We will develop Meiji Cocoa Support, an initiative to support cocoa farmers in nine countries, including Ghana and Brazil, to increase the procurement ratio of sustainable cocoa beans to 100% by FY2026.

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Our Pledge to the Food Systems Summit



Meiji Co., Ltd.



4. To ensure the sustainable sourcing of raw materials, we will promote the use of RSPO-certified palm oil and environmentally-friendly paper, such as FSC-certified paper, and switch all oil and paper we use globally by FY2023.
5. To achieve carbon neutrality by 2050, we will reduce CO₂ emissions by at least 40% compared to FY2015 by FY2030 through energy-saving activities and enhanced renewable energy use.
6. We will reduce plastic usage by at least 25% compared to FY2017 by FY2030 by promoting the reduction of plastic containers and packaging. We will also expand the use of biomass plastics.

【References】

- Meiji Group Sustainability 2026 Vision
(https://www.meiji.com/global/sustainability/stance/sustainability_management_framework/)
- Meiji Green Engagement for 2050
(https://www.meiji.com/global/sustainability/caring_for_the_earth/environmental-management/)

2/2



【Actions contributing to sustainable food systems】

Meiji Co., Ltd.

Action Track	Concrete actions
Action Track 1 Ensure access to safe and nutritious food for all	<p>【Support for securing stable food supply】</p> <ul style="list-style-type: none"> ■ We donate confectionery and food products 3–4 times per year, mainly to food bank organizations (approximately 40) that are affiliated with the National Food Bank Promotion Council. ■ We donate infant formula twice a year to approximately 140 infant hospitals throughout Japan through the National Child Welfare Council. <p>【Response to the nutritional needs of infants, nursing mothers, young girls, and the elderly】</p> <ul style="list-style-type: none"> ■ We manufacture special infant formula for babies who cannot drink breast milk or commercially available formula due to inborn metabolism issues, and distribute it free of charge. ■ Meiji's Counseling Office for New Mothers in the customer service center has been established where we provide consultations on nutrition and childcare for babies and mothers. These consultations draw on the extensive experience of our staff, as well as the abundance of information available at the center. We also provide a wide range of information on childcare support on our website. ■ We provide a liquid infant formula for babies with sick or absent mothers or as a stockpile in times of disaster. ■ To contribute to the resolution of undernutrition among female workers in Vietnam, we help improve their nutritional status by conducting nutrition improvement seminars and providing fortified milk. ■ We provide balanced nutritional supplements, liquid diets, and nursing care foods designed especially for the elderly. We also provide information on nutritional care on our website.
Action Track 2 Shift to sustainable consumption patterns	<p>【Environmental considerations in products】</p> <ul style="list-style-type: none"> ■ To reduce food loss, we are improving the accuracy of supply and demand forecasts; we also extend best-before dates, promote the use of year and month labelling, advocate for more appropriate business practices such as easing delivery

Action Track	Concrete actions
	<p>deadlines, and donate stagnant stock and disaster stockpiles to food bank organizations. The intention of these measures is to reduce domestic waste products by at least 50% by FY 2025 compared to FY 2016.</p> <ul style="list-style-type: none"> ■ We promote the recycling of animal and vegetable residues generated at our factories by converting them into feed and fertilizer and using them for energy generation through methane fermentation. ■ We prioritize efforts to reduce the use of plastic containers and packaging (e.g., by switching to other materials and reducing weight) and promote the use of biomass plastics and recycled plastics, which put lesser stress on the environment. We aim to reduce the amount of plastic used for containers and packaging in Japan by at least 25% by FY 2030 compared to FY 2017. <p>【Contribution to healthy eating habits and sustainable consumption】</p> <ul style="list-style-type: none"> ■ We promote the understanding of SHOKUIKU (dietary education), which supports sustainable diets, through SHOKUIKU activities, such as facilitating lectures for elementary and junior high school students on themes including “the importance and fun of food,” “food balance,” and “reduction of food loss.” We aim to achieve 700,000 participants in these activities over the three years from 2021–2023. ■ We contribute to healthy eating habits by providing health-conscious products (e.g., products with health benefits from ingredients such as lactic acid bacteria and cocoa and products that meet health needs such as improving intestinal flora). We also provide value-added, nutritionally balanced products (based on thorough research and nutrition design technology) to solve customers’ health and nutrition issues. By FY 2023, we aim to increase sales of these product groups by at least 10% compared to FY 2020. ■ By providing customers with organic milk produced by organic dairy farmers (who have reduced the environmental burden of cattle feed and have ensured a cow-friendly environment), we add value to the milk, emphasizing sustainability and cultivating organic demand. ■ To promote ethical consumption, we raise awareness of the company’s environmental and social initiatives as well as the solutions to social issues among our customers.

Action Track	Concrete actions
<p>Action Track 3</p> <p>Boost nature-positive production</p>	<p>【Reducing the environmental burden of corporate activities and maintaining local ecosystems】</p> <ul style="list-style-type: none"> ■ To achieve carbon neutrality by 2050, we aim to reduce global CO2 emissions (Scope 1 and 2) by at least 40% by FY 2030 compared to FY 2015. This will be achieved by incorporating energy-saving measures in our production and distribution processes and by enhanced renewable energy use (e.g., installing more solar power generation facilities and increasing the use of electricity from renewable energy sources). To reduce CO2 emissions, we plan to introduce internal carbon pricing in FY 2021. ■ We promote the conversion of specified CFCs to natural refrigerants or CFC alternatives in our refrigeration and freezing equipment at domestic production sites by FY 2030. ■ We reduce water consumption in factories, manage wastewater quality in consideration of local communities, and properly control the use of chemical substances, aiming to reduce water consumption globally (per unit of sales) by at least 20% by FY 2030 compared to FY 2017. ■ We promote the effective use of plastic equipment, such as pallets and crates, by reusing and recycling them in the distribution process. ■ We engage in biodiversity conservation activities such as tree planting, forest conservation, and river and coastal cleanups in cooperation with local communities, aiming to implement these activities at all our production sites by FY 2023. ■ We evaluate the medium- to long-term risks and opportunities caused by climate change. This is done throughout our entire supply chain through scenario analysis in line with Task Force on Climate-related Financial Disclosures (TCFD) recommendations; this includes the formulation of countermeasures, which are reflected in our management strategies. <p>【Sustainable procurement activities】</p> <ul style="list-style-type: none"> ■ When sourcing raw materials, we are mindful of human rights and the environment, and we will promote the switch to RSPO-certified palm oil and environmentally friendly paper, such as FSC-certified paper and recycled paper, aiming for a 100% switch globally by FY 2023. ■ We procure cocoa beans from sustainable programs in Ghana that do not use child labor or contribute to deforestation.

Action Track	Concrete actions
	<p>We aim to increase the procurement of sustainable cocoa beans produced in areas where Meiji's own farmer support program has been implemented to 100% by FY 2026.</p> <ul style="list-style-type: none"> ■ In the Meiji Cocoa Support (MCS) program, employees visit cocoa-producing regions in nine countries, including Ghana and Brazil, to provide agricultural method support to cocoa farmers. Moreover, they provide livelihood support, such as construction of wells, and donate school equipment to residents. Agricultural method support includes instruction on cocoa fermentation methods, cultivation methods to increase yields, and distribution of seedlings. This helps to prevent deforestation and secure additional income for cocoa farmers by improving cocoa productivity. ■ Since 2017, we have been a member of the Cocoa and Forests Initiatives (CFI), which aims to end deforestation in the cocoa supply chain, promote the protection and restoration of forests, and improve the productivity and living standards of cocoa farmers. ■ In Brazil, in collaboration with a local agricultural cooperative, we support the production of cocoa beans using agroforestry farming, known as “agriculture that creates forests” (a farming method in which agricultural and forestry products, such as acai and pepper, are grown in harmony), and contribute to the improvement of CO2 absorption by regenerating forests. ■ We implement the Meiji Daily Advisory (MDA), which is our own farm management support program for dairy farmers, to improve workability in dairy production, raising their income by improving the productivity of raw milk.
Action Track 4 Advance equitable livelihoods	<ul style="list-style-type: none"> ■ Through the MCS program, we contribute to securing income for cocoa farmers through agricultural method support. ■ Through the MDA, we contribute to securing income for dairy farmers by increasing raw milk productivity.

Our Pledge to the Food Systems Summit

MORINAGA & CO.,LTD.



MORINAGA & CO.,LTD. expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to reduction of greenhouse gas emissions , promotion of sustainable raw material procurement and reduction of food loss for contributing to the development of sustainable food systems, especially for “Boosting nature-positive production at sufficient scale” and “Shifting to sustainable consumption patterns”.

【Commitment】

- ① Reduce greenhouse gas emissions(for Scope 1 and 2) from domestic consolidated group by 30% (compared to 2018) by the end of FY2030
Achieve net-zero emissions of CO2 and other greenhouse gases from our global group network by FY2050
- ② Achieve 100 % sustainable raw material procurements of cacao beans, palm oil and papers for product packaging by FY2025
- ③ Achieve a 70% reduction of food loss during operation from raw materials acceptance to delivery (distribution) *by FY2030 (compared to FY2019)
* Loss rate : volume of annual food loss [t]/annual production volume [t]).

【References 】

The Morinaga Group's Sustainability

<https://www.morinaga.co.jp/company/english/csr/>



Food Systems Summit 2021

Our Pledge to the Food Systems Summit



MORINAGA MILK INDUSTRY CO.,LTD.



Morinaga Milk Group expresses its support for the FSS (Food Systems Summit). This summit is held to promote concrete actions leading to sustainable food supply systems with the cooperation of the various sectors in the supply chain, from raw material procurement to product consumption, for the purpose of achieving all the Sustainable Development Goals.

We are committed to promoting food waste reduction and sustainable procurement for contributing to sustainable food systems, particularly for “ensuring sustainability of food consumption” and “boosting nature-positive production at sufficient scale”, while taking into consideration the “Measures for achievement of Decarbonization and Resilience with Innovation(MeaDRI)” and the efforts of J-milk* and other relevant organizations.

*J-milk; a cross-industry organization consisting of dairy farmers, dairy farmers and milk dealers that make up Japan's milk supply chain

【Commitment】

- ① Reduce food waste generation intensity 30% compared to FY 2013 by FY 2021
- ② Expand use of RSPO-certified palm oil

【References】

MORINAGA MILK CSR 【The Environment】 【Supply Chains】

<https://www.morinagamilk.co.jp/english/csr/environment/>

<https://www.morinagamilk.co.jp/english/csr/supply/>



Our Pledge to the Food Systems Summit



NH Foods Ltd.



NH Foods Group endorses the Food System Summit (FSS), which will be held to promote concrete actions for transitioning to sustainable food systems in order to achieve all Sustainable Development Goals (SDGs).

- To “boost nature-positive food production at scale,”
 - We will work to reduce our CO2 emissions, as we recognize that doing so is an essential response to climate change.
 - We will promote the handling of RSPO-certified palm oil in order to promote sustainable agriculture.
- To “ensure access to safe and nutritious food for all,”
 - We will promote the supply of healthy and nutritious food to all people based on our company’s accumulated knowledge of food allergies.
- To “advance equitable livelihoods and value distribution,”
 - We will promote socially responsible procurement (CSR procurement) initiatives, make important primary suppliers aware of our policies, and provide our suppliers with self-assessment questionnaires (SAQs).

【Commitment】

- 1) By FY2030, we will reduce fossil-fuel-derived CO2 emissions from NH Group by at least 46% from FY2013 levels.**
- 2) By FY2030, we will switch to 100% RSPO-certified palm oil.**
- 3) We will contribute to quality of life by providing products and services centered on meals that are friendly to people with food allergies and their families.**
- 4) By FY2030, we will make important primary suppliers aware of our policies and provide 100% of these suppliers with SAQs. We will also make important secondary suppliers aware of our policies and provide them with SAQs.**

【References】

<https://www.nipponham.co.jp/eng/csr/index.html>



Food Systems Summit 2021

Our Pledge to the Food Systems Summit



Nichirei Foods Inc.



Nichirei Foods Inc. expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to food loss reduction for contributing to the development of sustainable food systems, especially “Shifting to sustainable consumption”

In addition, we will take advantage of the characteristics of frozen foods and retort pouch foods to work on “Ensuring access to safe and nutritious foods for all”.

【Commitment】

☆Frozen foods, which are the core of our business activities, are foods that can contribute to the reduction of food loss.

①By 2030, we will reduce the emission intensity of animal and plant residues at Nichirei Foods Group food factories in Japan by 50% compared to 2019.

②Utilizing AI, we will work to further improve the accuracy of sorting at the factory manufacturing stage and reduce food loss.

【References 】

・ Nichirei Group "Management of Wastewater, Waste Matter, and Chemical Substances"

<https://nichirei.disclosure.site/en/themes/91>



NIPPON ACCESS, INC.



NIPPON ACCESS, INC. expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to reducing food loss and developing plant-based foods for contributing to the development of sustainable food systems, especially "Shifting to sustainable consumption patterns" and "Ensuring access to safe and nutritious food for all."

【Commitment】

- ① Reducing food waste by 50% by 2030 compared with 2016
- ② Promoting product development using plant-based foods to prevent protein supply shortages and realize a healthy diet.
- ③ Promoting food and nutrition education to foster the next generation.

【References】

NIPPON ACCESS Sustainability

<https://www.nippon-access.co.jp/en/corporate/sustainability/>

Our Pledge to the Food Systems Summit



Nippon Suisan Kaisha, Ltd.



Nippon Suisan Kaisha, Ltd. expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to sustainable utilization of marine resources for contributing to the development of sustainable food systems, especially “Boosting nature-positive production at sufficient scale”

【Commitment】

Preserve the bountiful sea and promote the sustainable utilization of marine resources and their procurement

<The Vision Targeted in 2030>

The sustainability of the marine products procured by the Nissui Group will have been confirmed

【References】

The Vision Targeted in 2030 <https://nissui.disclosure.site/en/themes/150>



NISSIN FOODS HOLDINGS



【NISSIN FOODS HOLDINGS】 expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We will work on "reducing the impact of climate change" and "effective utilization of limited resources" in order to contribute to the realization of a sustainable food system.

【Commitment】

Environmental Goals for 2030

<Mitigating climate change impact>

- CO₂ emission reduction : Scope1+2*1 **30% reduction** (compared to fiscal 2019)
Scope3*2 **15% reduction** (compared to fiscal 2019)

*1 CO₂ emissions of our company and related subsidiaries

*2 CO₂ emissions of business affiliates such as suppliers

<Effective utilization of limited resources>

- Sustainable palm oil procurement rate : **100%**
- Overall water use : **12.3m³**/million yen (IFRS-based sales)
- Total waste reduction : **50% reduction** (compared to fiscal 2016)

【References】

NISSIN FOODS Group's Environmental Strategy

「EARTH FOOD CHALLENGE 2030」

https://www.nissin.com/en_jp/sustainability/feature/efc2030/



**EARTH FOOD
CHALLENGE
2030**

For the Earth. For the Future.

Nisshin Seifun Group Inc.



Nisshin Seifun Group Inc. expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to shifting to sustainable consumption patterns for contributing to the development of sustainable food systems, especially for “Provide safe and healthy food ,” “Sustainable raw material procurement”

【Commitment】

- ①Based on “quality assurance from the consumer’s perspective,” we will strive for a stable supply of safe and reliable products.
- ②We will focus on research and development of products and technologies that contribute to the consumer’s health, and create and provide new value.
- ③ We will strive for the stable and sustainable procurement of safe raw materials through conducting fair and ethical trade transactions based on Responsible Procurement Policy.

【References 】

<https://www.nisshin.com/english/csr/>

The Norinchukin Bank



The Norinchukin Bank expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to promote sustainability management by setting below commitments for contributing to the development of sustainable food systems, especially for “Boosting nature-positive production at sufficient scale”.

【Commitment】

- ① Reducing GHG emissions of the Bank itself and the investment/finance customers, etc. 50% by FY2030 compared to FY2013.
- ② Contributing to improve the income of farmers, foresters and fishermen for sustainability of the agriculture, fishery, and forestry industries and Food & Agriculture Value Chain.
- ③ Executing New Sustainable Finance ¥10 trillion by FY2030 for solving global environmental and social issues including development of sustainable food systems.

【References】

Sustainability (Source: Our website)

<https://www.nochubank.or.jp/en/about/sustainability/>

Our Pledge to the Food Systems Summit

Oisix ra daichi Inc.



Oisix ra daichi Inc. expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

As part of our efforts to contribute to the realization of sustainable food systems - specifically the advancement of “Shift to Sustainable Consumption Pattern,” “-Boost Nature-Positive Production,” and “Ensure Access to Safe and Nutritious Food for All” - initiatives are in place to reduce both food loss and greenhouse gas emissions from across the supply chain. It is by resolving food related social issues that we contribute to a sustainable society and the future of food. Our aim is to help build a sustainable society.

【Commitment】

Toward the realization of “Shift to Sustainable Consumption Pattern,”

- Upstream (Farm): Via promotion of sales of upcycle food products and/or non-standard products fresh produce, and by propositioning new values, we help advance food loss reduction at the farm.
- Midstream (Distribution): Relative to a food loss ratio of 5% at typical retailers, we at Oisix ra Daichi have achieved 0.2% and are working to reduce that further to 0%.
- Downstream (Households): By expanding sales of KitOisix, which reduces household food loss to a third, we advance food loss reduction at the household level.

Toward the realization of “Boost Nature-Positive Production,”

- As a pioneer in home delivery of organic food products, concomitant with our own business expansion, we advance the production/distribution expansion of organic produce.
- As regards to agricultural production, we aim to reduce greenhouse gas emissions by 50% by 2025 (vs. FY2020).
- By 2025, we look to replace over 50% all of our packaging materials to environmentally friendly materials.

Toward the realization of “Ensure Access to Safe and Nutritious Food for All,”

- Via “WeSupport,” a platform for charitable food support, we promote the simultaneous resolution of: 1) food challenges faced by low income, often single parent, households; as well as, 2) food loss at the corporate level.

【References】

Green Shift

<https://en.oisixradaichi.co.jp/sustainability/environment/green/>

Environmental Impact Reductions

<https://en.oisixradaichi.co.jp/sustainability/environment/reduction/>



S&B FOODS INC.



S&B Foods is committed to sustainable procurement for all stakeholders. The commitment concerns procurement of the following ingredients: “spices,” the main ingredients for S&B Foods’ products, and “palm oil” and “paper” that are at issue on the environment, ecosystem, and human rights.

We work on sustainable procurement for contributing to the development of sustainable food systems, especially for “Boosting nature-positive production at sufficient scale.”

【Commitment】

S&B Foods will achieve the following milestones for sustainable procurement.

- ① **Spices:** Regarding its main spices^(※), S&B Foods aims for sustainable procurement considering safety, human rights, environment, and compliance by 2030. It also continues to promote fair trade, certified organic spices procurement, and contract farming.
- ② **Palm oil:** S&B Foods Group will completely replace palm oil used for all products with RSPO certified sustainable palm oil by 2023.
- ③ **Paper:** S&B Foods Group will completely replace paper used for its curry sauce mix, retort pouch, and tubed spice with FSC certified paper by 2023.

※Main spices: black pepper, chili pepper, mustard, parsley, laurel, oregano, and wasabi

【References】

S&B Foods’ commitment to sustainable procurement

https://www.sbfoods.co.jp/company/newsrelease/2019/bnlkv80000003qjc-att/20190528_commitment_en.pdf



Our Pledge to the Food Systems Summit

【Collaborative Research】

SEE THE SUN Inc.

Keio Research Institute at SFC (Kotosaka seminar)



SEE THE SUN Inc. and Keio Research Institute at SFC (Kotosaka seminar) express support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to developing a new relationship between sustainable manufacturing and consumption by fostering consumer's understanding of the food value chain and promoting initiatives and mechanisms that enable consumers and companies to mutually understand each other, for contributing to the development of sustainable food systems, especially for “Shift to sustainable consumption patterns”

【Commitment】

- In this joint research session, students leading the next generation and food companies (including more than seven major companies) will have an opportunity to discuss about a “desirable future of food system”. Students will utilize this experience to plan and co-create at least five projects that reflect the image of future food companies constructed through discussions.
- Members of this project will hypothesize and demonstrate a “new relationship between consumers and companies,” and also envision and spread a “new model of circular society.”



Seiwa-ltd



Seiwa-ltd expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to maximizing yield with utilization of smart AgriTech and promoting circular agriculture for contributing the development of sustainable food systems, especially “Ensuring access to safe and nutritious food for all” and “Boosting nature-positive production at sufficient scale”

【Commitment】

- ① Promoting dissemination of smart AgriTech which contributes environmental load reduction and productivity growth of horticulture sector
- ② Promoting circular agriculture with utilization of residual heat and exhaust gas from other sectors

【References 】

- ① <https://www.youtube.com/watch?v=zVC03ZAlnIw&t=3s>
- ② <http://ccc-saga.com/>

Seven & i Holdings Co., Ltd.



Seven & i Holdings Co., Ltd. expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to promoting food waste reduction and improving food waste recycling rates for contributing to the development of sustainable food systems, especially for “Shifting to sustainable consumption patterns”.

【Commitment】

- ① Reducing food waste by 50% at the amount generated by unit (amount generated per million yen in sales)(compared to FY2013) by 2030.
- ② Increasing food waste recycling rate to 70% by 2030.

【References】

“GREEN CHALLENGE 2050” Seven & i Group's Environmental Declaration

https://www.7andi.com/en/sustainability/policy/environment_03.html

Measures against Food Loss/Waste and for Organic Waste Recycling

<https://www.7andi.com/en/sustainability/theme/theme3/recycle.html>

SHiDAX CONTRACT FOOD SERVICE CORPORATION



SHiDAX CONTRACT FOOD SERVICE CORPORATION expresses support for FSS (Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to improving food environment and providing healthy meals for contributing to the development of sustainable food systems, especially for “Shifting to sustainable consumption patterns”.

【Commitment】

1. Providing customers healthy meals at consigned foodservice facilities to help them to prevent lifestyle-related diseases and contributing to the maintenance and improvement of their health.
2. Promoting food and nutrition education at consigned foodservice facilities and raising customer's awareness of sustainable diets.

SHiDAX FOOD SERVICE CORPORATION



SHiDAX FOOD SERVICE CORPORATION expresses support for FSS (Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to promoting food and nutrition education for contributing to the development of sustainable food systems, especially for “Shifting to sustainable consumption patterns”.

【Commitment】

1. Promoting education activities related to food and health to children and their parents at consigned nursery schools and kindergartens.



Sojitz Corporation



Sojitz Corporation expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to provide a stable supply of food resources for contributing to the development of sustainable food systems.

【Commitment】

- ①We will pursue the sustainable use of living marine resources by leading the spread of MSC certified sashimi tuna, which certifies it has been caught in appropriately managed fisheries.
- ②We will pursue the sustainable and responsible aquaculture, especially by working on maintaining the certificate by Seedlings Council for Sustainable Aquaculture of tuna farming.
- ③We recognize the potential of tuna farming and are actively seeking to further improve the efficiency of the aquaculture by promoting the use of IoT/AI technologies.

【References 】

Sojitz Key sustainability Issues (Materiality)

<https://www.sojitz.com/en/csr/priority/>





The Sumitomo Corporation Group expresses support for the Food Systems Summit (FSS), which is held to promote concrete actions for the transformation of global sustainable food systems for the purpose of delivering all the Sustainable Development Goals (SDGs). We are committed to operating a range of food and agricultural businesses around the world for contributing to the development of sustainable food systems, especially all five Action Tracks of FSS.

1. Implementation of comprehensive initiatives to solve a wide range of social issues is important for realizing sustainable food systems.

We have established the following key social issue targets.

- Reduce CO₂ emissions and promote a sustainable energy cycle to help mitigate climate change.
- Shift to recycling-oriented, resource-saving technologies and products, and procure sustainable natural resources, to help create a circular economy.
- Respect human rights and fully implement the UN's Guiding Principles on Business and Human Rights, and Sumitomo Corporation Group's Human Rights Policy.
- Contribute toward the development of local industries and creation of local jobs to help develop local societies and economies.
- Provide advanced life-related services that contribute toward solutions for social issues to help improve living standards.
- Implement social contribution activities to help promote quality education.

2. Based on the key social issue targets above, we are implementing the following concrete initiatives for our food and agriculture businesses.

- In food businesses, obtain environment-related certifications and engage in businesses based on regenerative agriculture.
Also, utilize by-products from food and agriculture products and drive demand for alternative proteins in an effort to create environmentally friendly society and a circular economy.
- In agricultural input businesses, develop and supply agricultural materials such as crop protection and fertilizers in order to contribute to more efficient and stable agricultural production and improved living standards for farmers.
In addition, develop agricultural materials and services that are safe and have low environmental impacts and promote recycling-oriented, sustainable agriculture that takes conservation of the global environment into consideration.
- In livestock healthcare businesses, improve the living standards of people through developing and supplying vaccines and other products that could ensure food safety and security in the livestock sector as well as enhance meat productivity.
- In precision agricultural businesses, develop and spread new technologies leading to automation and digitalization of farming activities.
This will help promote efficiency and stability of agricultural production, which contribute toward the progress of local societies and economies and the promotion of resource-saving agricultural practices.
- Throughout all the businesses above, maintain respect for human rights while working to address and appropriately respond to human rights issues across the supply chain.

3. Progress of these initiatives will be disclosed on our websites and through ESG Communication Book.

References (Information about the Sumitomo Corporation Group)

- Enhancing Sustainability Management: <https://www.sumitomocorp.com/en/jp/sustainability/management>
- Sumitomo Corporation Group's Human Rights Policy: <https://www.sumitomocorp.com/en/jp/sustainability/csr#02>
- ESG Communication Book: <https://www.sumitomocorp.com/en/jp/sustainability/report>



Food Systems Summit 2021

Our Pledge to the Food Systems Summit



To achieve all the Sustainable Development Goals, Tabέρumo Corporation expresses support for FSS promoting concrete actions for establishments of sustainable Food Systems.

We are being committed to sustainable mass production of algae, Spirulina against the future "Protein Crisis" for ensuring access to safe and nutritious food to all.

【Commitment】

- ① Continuing innovation in food technology, nurture a culture that eats the food resources "algae," having excellent nutrition
- ② Promoting technological development that can make Spirulina a versatile protein source in massive quantities at a lower cost

【References】

Our sustainability policy

<https://www.taberumo.jp/sustainability/>



Toyota Tsusho Corporation



Toyota Tsusho Corporation expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to promoting food loss reduction for contributing to the development of sustainable food systems, especially for “Ensuring access to safe nutritious food for all”, “Shifting to sustainable consumption patterns”, “Boosting nature positive production”.

【Commitment】

- ① Continue our business even under occasional and sudden crises such as pandemics and support a stable supply of food.
- ② In global food procurement, we will continue to give due consideration to environmental conservation and continue and strengthen the production and supply of sustainable food that does not deplete resources.
- ③ Contribute to the promotion of transformation to consumption behavior with less environmental impact (reduction of food loss, reduction of disposable containers, etc.).
- ④ Contribute to reducing greenhouse gas emissions in all of our activities related to the food system.

UCC Holdings Co., Ltd.



We, UCC Holdings Co., Ltd., hereby declare our support to FSS, promoting detailed actions to pursue the sustainable food system in order to achieve sustainable development goals.

Our company promotes sustainable food systems specifically focusing on “Advancing equitable livelihoods and value distribution”, “Boosting nature-positive production at sufficient scale” and “Shifting to sustainable consumption patterns” by cooperating with coffee farmers to procure sustainable coffee beans and encourage education for next generation.

【Goals and Initiatives】

- UCC Group will lead sustainable coffee industry by achieving income and technology improvement through joint initiatives with coffee farmers by holding a “UCC Quality Contest” as one example.
- UCC Group will contribute to a sustainable coffee industry development by promoting sustainable coffee bean procurement.
- UCC Group, as the only coffee company with vertically integrated coffee value chain in the world, will lead educating young people who will lead SDGs achievement by providing advanced SDGs trainings.

【References】

UCC related links: <https://www.ucc.co.jp/eng/company/activities/>
<https://www.ucc.co.jp/eng/company/about/quality/>

A full picture of UCC Group sustainable activities

UCC Group is the only company in the world with vertically integrated coffee value chain.

(「From Cup to Seed」 is UCC slogan)

Production

Cup

Initiate sustainable activities at every stage of UCC Group “From Cup to Seed” value chain



Country of Origin
Farm • Cultivation

Procurement

Import •
Inspection

R&D

Roasting

Marketing

- Environment friendly operation at directly-managed coffee estate (in Jamaica and Hawaii)

- Forest management project in Belete-Gera

- **Quality Contest**

- Rwanda JICA one village one product program

- Bourbon Pointu revitalization project

- Naturally decaffeinated coffee “Laurina” harvest development

- Appraisal in line with UCC quality standards in Brazil/Vietnam

- Material procurement of sustainable certification (RA, IWCA and others)

- Start implementing a code of conduct among suppliers in Europe.

- Acceptance check of all imported green beans by an appraiser at Quality Inspection Dept.

- Acceptance check of one by one bag of green bean quality at all factories

- Thorough quality check at every production stage at the factory

- Various study at Research division

- Conduct research on coffee impact to health

- Acquire ISO 14001 environment management system at major factories

- Resource saving package material production

- Implement an energy saving roaster of “Aromastar”

- Adopt biodegradability capsule material in Europe

- An effective use of coffee processing waste including business card, biomass boiler recycle loop

- **Provide an education material for junior high and high schools**

- Open a coffee museum
- Open a coffee academy
- A factory tour program

- Adopt diet display carton

- Participate in environmental projects at various locations

- **SDGs online seminars**

UCC QUALITY CONTEST -Helping build a sustainable future-

UCC Quality Contest is an effort to promote coffee bean farmers to compete combined aspects of coffee bean quality (taste, shape, aroma, etc.) and sustainability (soil/water conservation, lives diversity, working environment, etc.) Through the activities with coffee producers, we will lead sustainable coffee industry development by realizing an income increase of producers and technology enhancement.



Country of Origin

Higher living standard with better income
Quality control technology enhancement
Coffee industry/area development

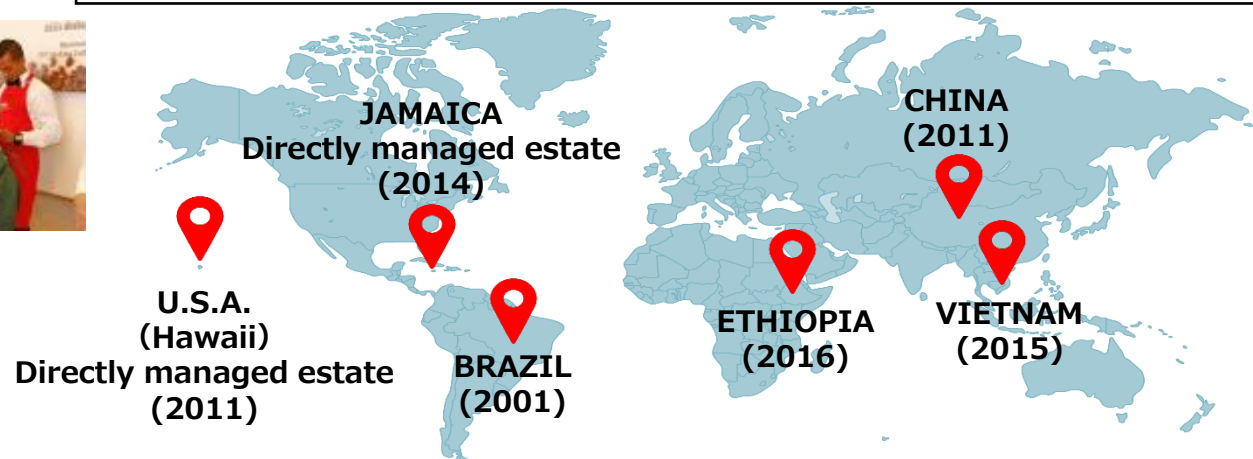


UCC

Strengthened relationship with countries of origin to secure high quality beans in long term perspective



Countries where quality contests are held
(6 countries and the initial years)



- 2001 : Started in Brazil (currently 6 countries.) This year marks 20th anniversary.
- 2021 : Strengthened SDGs focus. Added sustainability as appraisal point.

Educate Next Generation

We will provide high quality SDGs educational opportunities and lead cultivating SDGs bearers.

Providing Material

**A coffee story connecting a person
with the world**

Think of “Sustainable Development” through
coffee industry
(South America ・ Africa)

【Provided Materials】

(DVD)



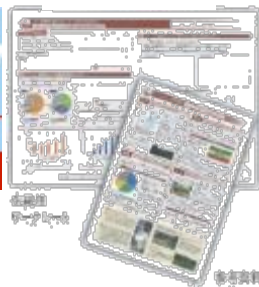
(Slide)



(Green Beans)



(Work sheet)



(Teacher's Guide)



*** Target : junior high and high school
students**

*** Started from 2013**

No. of schools (materials) approx.730

No. of participants approx. 85,000

Online Lessons

SDGs from Coffee



*** Target : junior high & high school and
university students**

Actual feedback (2nd grade of high school)

改めて、UCCさんの活動のすごさを知り、私も
何かと世界に役立ってみたいという気持ちがある機会が
増えました。世界の問題解決のために小さなこと
でもしっかりとやっていこうと思いました。



<Translation>

I was amazed by the UCC's activities, and this session gave me an opportunity to think what I can do to better the world. I will do what I can do to solve the issues surrounding the world, even if it is a small step.

Yakult Honsha Co., Ltd.



Yakult Honsha Co., Ltd. expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to promoting sustainable procurement that takes into consideration issues such as human rights, labour, the environment and anti-corruption for contributing to the development of sustainable food systems.

【Commitment】

We will increase social sustainability throughout the supply chain by taking the impacts on the environment and society into consideration and reducing the risks.

- **Promote understanding and implement “Yakult Group CSR Procurement Policy”**
In order to promote sustainable procurement, we will hold briefing sessions for stakeholders to promote understanding and implement the CSR Procurement Policy while effectively using guidelines.
- **Initiatives for “Supply chain management”**
Through CSR procurement questionnaires, audits and other means, we will confirm the status of our suppliers' efforts, and by collaborating through active communication, we will consider the impact on society and the environment and reduce risks throughout the supply chain.

[Ref] <https://www.yakult.co.jp/english/csr/operation/>



Food Systems Summit 2021

Yanmar Agribusiness Co., Ltd.



Yanmar Agribusiness Co., Ltd. expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to promoting realization of a decarbonized society and create an environment that enables environmentally friendly food production, especially for “Boosting nature-positive production” and “Ensuring access to safe and nutritious food for all”.

【Commitment】

- ① By 2050, we aim to be an environmental load-free and greenhouse gas-free company based on recyclable resources.
- ② By 2030, we aim to provide solutions that contribute to food production with high productivity and low greenhouse gas emissions.

【References】

YANMAR CSR Report 2020 Highlighted booklet (Yanmar group web site)

https://www.yanmar.com/media/news/2021/03/02005250/csr_report.pdf

Hokkaido Government



Hokkaido Government expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to promoting the following initiatives in cooperation with agriculture and fishery producers, consumers and participants, for contributing to the development of sustainable food systems, especially for “Ensuring access to safe and nutritious food for all”, “ Boosting nature-positive production at sufficient scale ” and “Shifting to sustainable consumption patterns” .

【Commitment】

- ①Promoting stable production of safe and reliable food by systematic development of production facilities such as farmlands, agricultural water facilities, fishing ports and grounds, steady introduction of smart-agriculture, appropriate conservation of fishery resources, and strategic technology development.
 - ②Promoting environmentally friendly agriculture and fishery, including organic farming and “Clean Agriculture” which is a type of agriculture in Hokkaido making fertile soil of organic matters and minimizing the use of chemical pesticides and chemical fertilizers, “Grazing Dairy Farming” that makes full use of the production base of self-supplied feed, fish farming with considering the conservation of the natural environment.
 - ③Promoting understanding of local food, local agriculture and farming village, local fishery industry and fishing village, and expanding *aishoku* (literally meaning “food loving”) campaign including reduction of food loss and waste at each stage of the food chain, local production for local consumption, and food and nutrition education.
- 〈 Goal 〉 Calorie-based Food self-sufficiency of Hokkaido : 196%(FY2018) → 268%(FY2030)

【References 】

6th Hokkaido Agricultural and Rural Promotion Plan

<http://www.pref.hokkaido.lg.jp/ns/nsi/seisakug/keikaku/6shinkoukeikaku.htm>

Hokkaido Fisheries/Fishing village Promotion Plan (4th term)

<http://www.pref.hokkaido.lg.jp/sr/sum/kcs/suisan-group/s-keikaku/4ki/keikaku.htm>

Our Pledge to the Food Systems Summit



Shiga Prefecture



Shiga Prefecture expresses support for FSS (Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to promoting CO₂ net zero emission and succeeding our local food system for contributing to the development of sustainable food systems, especially for “Boosting nature-positive production at sufficient scale,” “Shifting to sustainable consumption patterns” and “Advancing equitable livelihoods and value distribution.”

【Commitment】

① Promoting CO₂ Net Zero Emission

- Reducing CO₂ emission to net zero by 2050, based on the declaration, “Shiga’s CO₂ Net Zero movement”
- Expanding our “Lake to Land focused Environmentally Sound Agriculture,” including organic farming

② Succeeding our local sustainable food system “Biwa Lake to Land Integrated System” to next generation

- Disseminating our “Biwa Lake to Land Integrated System” to the world
- Promoting local production for local consumption of agriculture, forestry and fishery products grown in connection with forests, paddies and Biwa Lake.
- Supporting young farmers and networking of female farmers

【References】

- Lake Biwa Guidebook (Biodiversity, Environmental Friendly Agriculture, Fisheries, etc.)
<https://www.pref.shiga.lg.jp/ippan/kankyoshizen/biwako/13473.html>
- Tasty food collection in Lake Biwa area <https://shigaquo.jp/en/>



Yamanashi Prefectural Government



Yamanashi Prefectural Government expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to the 4per 1000 initiative for contributing to the development of sustainable food systems, especially for “Boosting Nature-Positive Food Production at Scale.”

【Commitment】

- ① Reducing CO2 emissions which is equivalent to the annual emissions produced by 500 cars by 2030.
- ② Implementing more than 10% of fruit farmers to work on this effort by 2030.
- ③ Promoting sales of environmentally friendly agricultural products for prevention of global warming and appealing to the world.

【References 】

Yamanashi ~4 per 1000 initiative~

<https://www.youtube.com/watch?v=m-SOo9lZ1to>



Niigata City



Niigata City expresses support for the FSS (Food Systems Summit) which is held to promote concrete actions for the transformation to sustainable Food Systems, for the purpose of achieving all of the Sustainable Development Goals.

We are committed to promoting the establishment of sustainable agriculture to ensure continued agricultural operations in Niigata into the future in order to contribute to the development of sustainable food systems, especially “ensuring access to safe and nutritious food for all”, “shifting to sustainable consumption patterns” and “advancing equitable livelihoods and value distribution”.

【Commitments】

- ① Promoting profitable agriculture by means such as increasing productivity and enhancing sales capacity.
- ② Fostering civic understanding of food and agriculture through means such as food education and agricultural learning programs.

Kamikatsu Town



Kamikatsu Town expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to promoting local production for local consumption and reduction of food loss through the zero waste certification system for restaurants under the zero waste policy and promoting leaf business for contributing to the development of sustainable food systems, especially for “Shifting to sustainable consumption patterns” and “Advancing equitable livelihoods and value distribution”.

【Commitment①】

<Local production for local consumption and reduction of food loss through zero waste certification system>



- Promoting local production for local consumption by developing menus that utilize local ingredients.
- Promoting reduction of food loss by utilizing ingredients discarded in the production and distribution process.
- Promoting the construction of a system that does not cause food loss by devising cooking and procuring methods.
- Promoting reduction of food loss by recommending "selling by weight" that allows consumers to purchase as much as you need and as much as you want.

1/2

Kamikatsu Town



【Commitment②】

Leaf business brand name: 彩(Irodori)

<Promoting leaf business>

- Promoting "leaf business (production and sales of lightweight leaves)" which enables women and the elderly to make profits.
- Achieving income stability and growth of farmers with intervention of private companies in the conventional (farmers-agricultural cooperatives) distribution system and development of the cooperation between them.
- Achieving income stability and growth of farmers by making the use of ICT in production and shipping management and sharing information.
- Achieving sustainable agriculture by supporting farmers of leaf business and fostering the successors.

【References】

Kamikatsu Town Zero Waste Portal Site ... <https://zwtk.jp/en/>

Tenei Village (Fukushima Prefecture)



Tenei Village expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to promoting establishing environmentally friendly and sustainable agriculture for contributing to the development of sustainable food systems, especially for “boosting nature-positive production at scale” and “advancing equitable livelihoods”.

【Commitment】

- ① Active promotion of conservation of beautiful rural landscapes and environment-friendly agriculture such as organic agriculture and special cultivation.
- ② Branding agricultural products and working on product development and sales channel expansion to improve farmers' income.

Our Pledge to the Food Systems Summit



Yosano-town expresses support for FSS(Food Systems Summit) which is held to promote concrete actions for the transformation of Food Systems, for the purpose of delivering all the Sustainable Development Goals.

We are committed to reducing the use of chemical fertilizer for contributing to the development of sustainable food systems, especially "for boosting nature-positive production at scale".

【Commitment】

- ① Promoting "Natural circulation-Agriculture of Yosano" to reduce the use of chemical fertilizer by increasing the proportion of "Kyo-no-Mamekko Mai" (※) farmer in Yosano to 30% by 2030
- ② Implementing "Kyo-no-Mamekko Mai" certification system

【References】



<https://agricycle.jp/>

※ "Kyo-no-Mamekko Mai"

Cultivated rice by organic fertilizer named "Kyo-no-mamekko" which is made from "Okara"(bean curd refuse).



Our Pledge to the Food Systems Summit

Japan International Cooperation Agency (JICA)



JICA, as Japan's ODA implementing agency, expresses its support for the FSS(Food Systems Summit) , which is held to promote concrete actions for the transformation of food systems, toward the achievement of all the Sustainable Development Goals.

In order to contribute to the realization of sustainable food systems, especially through Action Tracks 1 (Ensure access to safe and nutritious food for all), 4 (Advance equitable livelihoods) and 5 (Build resilience to vulnerabilities, shocks and stress), we will **support developing countries** in advancing **Rice sector Development, Market-oriented Agriculture and Nutrition Improvement**, as well as **Climate Change Adaptation and other critical agenda**, in cooperation with UN organizations and other development partners.

【Commitment】

- ① By 2030, further double rice production (to 56 million tons) in Sub-Saharan Africa through the Coalition for African Rice Development (**CARD**) Phase 2, especially by promoting (1) stability in rice production corresponding to climate change and population growth, (2) local industry formation, (3) quality improvement of local rice, and (4) improvement of farmers' livelihoods, for at least 32 African countries.
- ② By 2030, provide agricultural extension services based on the Smallholder Horticulture Empowerment & Promotion (**SHEP**) Approach for at least one million small scale farmers in 50 countries, in order to convert farmers' mind from "Grow and Sell" to "Grow to Sell" and thereby increase farmers' income.
- ③ By 2025, improve nutritional status of Africa, especially its all 200 million children, through the Initiative for Food and Nutrition Security in Africa (**IFNA**), especially by improving access to nutritious food and promoting agriculture production to address specific nutrient demand/deficiencies.
- ④ Work with each developing country to address the challenges it faces, not only through the above initiatives, but also through various supports, including for Participatory Irrigation Management and other solutions to climate change adaptation, and for Food Value Chain Development, Fisheries Resources Management and Improvement of Animal Health.

【 References 】 Agricultural development/rural development of JICA

https://www.jica.go.jp/english/our_work/thematic_issues/agricultural/index.html



Food Systems Summit 2021



Joint Statement
of the “Asian Farmers’ Group for Cooperation”
on Sustainable Food Systems
-To achieve Sustainable Development Goals (SDGs)-

April 30th, 2021

We, the representatives of farmers in the Asian monsoon region, held a virtual 20th annual meeting to discuss “Sustainable Food Systems -To achieve Sustainable Development Goals (SDGs)-”.

In September 2021, the UN will hold a Food Systems Summit as part of the Decade of Action to achieve SDGs by 2030. The Summit will launch bold new actions to make progress on all 17 SDGs, each of which relies to some degree on healthier, more sustainable and equitable food systems. Moreover, the Summit will awaken the world to the fact that we must work together to transform the way the world produces, consumes and thinks about food. It is a summit for everyone everywhere – a people’s summit. It is also a solutions summit that will require everyone to take action to transform the world’s food systems.

In light of this, AFGC members exchanged experiences, knowledge and activities on what we can do for the following five action tracks raised by the UN, and how we can achieve SDGs. The result of the discussions was this Joint Statement, which details these challenges as our benchmark for AFGC’s future collective actions. We urge the governments representing our region to recognize our policy proposals as follows, and to use them as a basis for sustainable food systems in the Asian monsoon region. Moreover, the role and contribution of cooperatives and farmers’ organizations must also be recognized and acknowledged by governments and international organizations.

1. Ensure Access to Safe and Nutritious Food for All.

In consideration of the fact that the COVID-19 pandemic has brought to light various food security risks, it is important for governments to establish and promote basic policies that focus on food security – such as raising levels of domestic food self-sufficiency – and increasing domestic production by fostering diverse farming entities (including small-scale family farmers), as well as building a strong supply chain and developing food storage networks that can ensure stable food supply in any situation.

In the Asian monsoon region, it should be recognized that agricultural work done by small-scale family farming is essential for food security, eradication of poverty and hunger, promotion of employment, conservation of land and the natural environment, as well as development of traditional culture and other non-economical activities. Rice in particular is the most important and nutrient-rich crop for the region, and sustainable development of paddy field farming, including the environmental conservation model of rice farming in collaboration with livestock, must be encouraged, while preserving soil, water, and other important resources which are necessary to meet the future food demand and supply in terms of both volume and quality, for the population of the region.

Policies and programs to promote businesses owned by cooperatives and farmers' organizations and to provide adequate assistance should be encouraged, so that small-scale family farmers in the Asian monsoon region can overcome various challenges that they may face – such as damage incurred through natural disasters, lack of basic infrastructure, control of pests and diseases, proper water and soil management, insufficient farmland for small-scale farming, and access to productive resources.

“Access to safe and nutritious food for all” will not come naturally or for free. It will entail added costs to farmers. The government and society as a whole must therefore provide farmers the opportunity to recover these costs so that they can sustain their efforts to feed the population with safe and nutritious food.

2. Shift to Healthy and Sustainable Consumption Patterns.

Sustainable dietary patterns and food/nutrition education should be promoted through traditional food and local production for local consumption, which is rooted in the local climate and natural environment, in order to achieve healthy diets with fewer greenhouse gas emissions. In addition, there needs to be clear guidance for small-scale family farmers to further develop the local production of agricultural products.

A goal should be set in each country to halve food loss and waste by 2030, and necessary policy support and investments to address fair and sustainable food consumption must be taken. To achieve this goal, development cooperation must be focused to promote production, post-harvest technologies and cold storage technologies, as well as basic infrastructure, to build an efficient network between farmers and consumers.

Agricultural products grown with healthy soil and water are recognized as safe and healthy, which meet consumers' growing demand for safe and nutritious products. The consumption of domestic and local agricultural products should be further endorsed, and the creation of various marketing channels for those products must be encouraged – such as farmers' markets operated by cooperatives, and farmers' organizations rooted in local communities to promote more diversified and nutritionally balanced production and consumption when compared to large-scale monoculture.

Trade policy must ensure that each country is able to maintain a safe level of domestic food sufficiency and local farmers are able to continue supplying food in a profitable, healthy and sustainable manner.

3. Boost Nature-Positive Food Production at Scale.

Although agriculture is a contributor to greenhouse gas emissions, its potential to help mitigate climate change through carbon sequestration, management of water resources, reforestation and similar important roles must be evaluated and supported. At the same time, support should be provided to small-scale family farmers to help cope with, and adapt to, climate change.

For sustainable agricultural development, environmental-friendly various agriculture should be encouraged in order to keep agriculture production in harmony with natural systems. Organic farming is one possible solution, and its introduction should be based on adequate scientific knowledge. In addition, it is important to deepen public understanding of product value through organic farming, and to increase income for farmers.

The use and risk of chemical pesticides and fertilizers should be reduced according to local conditions by circular use of local organic resources, disseminating smart agriculture, and development of other new technologies. Also, the framework in each country of registration and use of pesticides should be agreed upon internationally, based on risk assessment using the latest scientific knowledge.

The government should establish systems that promote measures including new legislations, taxes and subsidies to achieve environmental-friendly agriculture, and enact policies and programs to take all possible measures to increase the incomes of farmers. The government should also strengthen measures to deepen public understanding of environmentally friendly agriculture.

4. Advance Equitable Livelihoods and Value Distribution.

The Asian monsoon region has the highest population density in the world, and is home to a significant number of impoverished people – many of whom live in rural agricultural areas and are highly dependent on agriculture for their daily subsistence. Stable food production and vital rural societies are essential to promote the overall economy in the Asian monsoon region.

The important roles of small-scale family farmers in rural areas must be strengthened through improvement of productivity, farm scale expansion, market access, financial support, education, investment in small-scale farmer and rural finance, dissemination of new technologies, and protection from unfair business practices, so that small-scale family farmers, especially in developing countries, will truly be empowered, and can have their living standards improved whilst eradicating poverty and hunger in rural areas. Moreover, there needs to be a balance between consumer and farmer interests, as well as between rural and urban area development.

To overcome these challenges, it is important to position cooperatives and farmers' organizations that promote sustainable development in rural societies based on the needs and realities of each community – as essential partners with the UN and the government – and to strongly encourage their businesses and activities.

To increase the income for farmers and vitalize local communities and economics, various support toward strengthening collaborations among cooperatives and farmers' organizations in the Asian monsoon region should be promoted. Furthermore, development and cooperation should be advanced while sharing best practices with regards to matters as production, processing and marketing, linkage with stable markets, measures to increase added value for agricultural products utilizing Intellectual Property Rights (i.e. a trademark or geographical indication), implementation of Good Agriculture Practices (GAPs), labor-saving and lower-cost technologies, and business models to meet various needs.

In addition, it is important to promote business, information and human resource exchange, and investment between member organizations in agricultural sector.

5. Build Resilience to Vulnerabilities, Shocks and Stresses.

In the Asian monsoon region, enormous damage has often been caused by natural disasters such as floods, droughts, typhoons, earthquakes, tsunamis and volcanic eruptions. Since the foundation of agriculture rests primarily with small-scale farming families in the region, once they are affected by natural disasters, it would be extremely hard for them to restore their farms and other properties to working order. To tackle this challenge, the role of cooperatives and farmers' organizations in natural disaster recovery must be reevaluated and enhanced. At the same time, the resiliency of farmers and capacity to absorb and recover from losses from disasters should be enhanced by allowing them to generate sufficient income and savings, diversifying their income sources, and adopting other risk mitigation and adaptation measures.

Governments should support the establishment of a set of systematic and practical countermeasures enacted by cooperatives and farmers' organizations to address natural disasters, and to promote income protection insurance programs as a safety net for farmers and their families.

Cooperatives and farmers' organizations play important roles in assisting the collection of on-the-scene information about disaster situations through affected member farmers. Based on the information, they are able to grasp the actual needs of the farmers, and advocate for necessary support from the government and related agencies. It should be recognized that coordination between the governments, private entities, and farmers is also an essential role for cooperatives and farmers' organizations, which contribute to the smooth and effective implementation of relief programs by the government or related agencies.

In recent years, farmer income, food supply chains, and the securing of labor forces have been seriously damaged by the expansion of recent pressing issues such as classical swine fever in the Asian monsoon region and the COVID-19 pandemic outbreak. Now, farmers and rural communities need cooperation and assistance from cooperatives and farmers' organizations more than ever.

It is important to build and strengthen cooperative relationships among cooperatives and farmers' organizations on regional, national, and international levels, to cope with these issues more effectively. Governments should also strongly support their efforts.

National Farmers' Association, Chinese Taipei

National Cooperative Union of India (NCUI), India

Advocacy Center for Indonesian Farmers (ACIF), Indonesia

Central Union of Agricultural Cooperatives (JA-Zenchu), Japan

National Agricultural Cooperative Federation (NACF), Korea

National Farmers Association (NAFAS), Malaysia

National Association of Mongolian Agricultural Cooperatives (NAMAC), Mongolia

Federation of Free Farmers Cooperatives, Inc (FFFCI), the Philippines

Independent Farmers Network of Sri Lanka (IFNSL), Sri Lanka

Cooperative League of Thailand (CLT), Thailand

Vietnam Cooperative Alliance (VCA), Vietnam

A draft by the JCA for:

“Recommendations by the ICA to the UN Food Systems Summit 2021”

On 31 March 2021, the Japan Co-operative Alliance (JCA) proposed the following draft to the International Co-operative Alliance (ICA), hoping that it would be reflected in the ICA’s planned recommendations to the UN Food Systems Summit 2021.

1. Food security in terms of both quality (nutrition) and quantity (supply)

-- Action Track 1: Ensure Access to Safe and Nutritious Food for All.

- Considering the fact that the COVID-19 pandemic has revealed food security risks, it is important for governments to establish and promote basic policies that focus on food security, such as increasing food self-sufficiency and domestic production by fostering diverse farming entities, including small and medium-sized farmers and family farmers, and building a strong supply chain that can ensure stable food supply in any situation.
- Cooperatives, organized by producers and consumers to build a better society, will contribute to a stable supply of food in the supply chain from sustainable food production to consumption.
- Cooperatives contribute to the sound development of the economy, eradicating hunger and improving people's lives through sharing means of production and marketing, negotiating prices and conditions with large capital, and creating jobs, by bringing together producers, consumers, and workers who are small in size and vulnerable on their own.

2. Sustainable food consumption

-- Action Track 2: Shift to Health and Sustainable Consumption Patterns

- It is important for governments to set a goal to reduce food loss by half by 2030.
- Cooperatives will promote the provision of "sustainable food" through traditional food and local production for local consumption, which is rooted in the local climate and natural environment and compatible with sustainable food systems, in order to achieve healthy diets with fewer greenhouse gas emissions.
- Cooperatives rooted in local communities and based on food, agriculture, forestry, and fisheries will promote sustainable food production, advance agriculture, forestry, and fisheries in harmony with the environment, and establish a food system, taking into account the needs of consumers and users as well as environmental needs.
- Cooperatives will promote initiatives to reduce food loss throughout the food chain, including consumer education.

- Cooperatives will contribute to supporting the needy, correcting uneven distribution of food, and reduce food loss through food banks, food drives, and other activities in collaboration with governments, local governments, NPOs, and others.
- Cooperatives will promote exchanges between consumers and people in agricultural, forestry, fishery, and food-related businesses through cooperative efforts such as direct marketing, agriculture, forestry, and fishery experience, and local production for local consumption, and will promote dietary education through collaboration among various stakeholders, taking into account the diversification of dietary habits and the characteristics of different generations.
- Cooperatives, in which producers and consumers participate, will promote "ethical consumption" that takes into consideration the impact on the environment and society in both domestic and international supply chains.

3. Promote agriculture in harmony with the environment.

-- Action Track 3: Boost Nature-Positive Food Production at Scale

- Cooperatives will reduce risks associated with the use of chemical fertilizers and pesticides in each local condition through the recycling of organic resources and the use of smart agriculture.
- It is important for governments to harmonize internationally management frameworks for the registration and use of pesticides, according to risk assessment based on the latest scientific knowledge.
- Cooperatives aim to establish agriculture, forestry and fisheries in harmony with the environment, including sustainable management of fishery resources and forests.
- It is important for governments to provide policy support to ensure that cooperatives, which play a major role in the sustainable food systems, and a wide range of other stakeholders are able to work together in a sustainable manner, in full consultation with them.

4. Income Security in Rural Areas

-- Action Track4: Advance Equitable Livelihoods and Value Distribution

- It is important for governments to position cooperatives as important partners in building food systems.
- It is important for governments to revitalize rural areas and to reduce regional disparities, by adopting policies that encourage the introduction of new technologies, the revitalization of local industries, and the participation of women and youth in decision-making and business..
- Cooperatives, based on the cooperative principles, will promote sustainable development of local communities based on the needs and realities of each community, in collaboration with other

cooperatives and diverse stakeholders.

- Cooperatives will contribute to the participation of women and youth in local communities and economies and pass on the value of cooperation to younger generations, based on the cooperative principle of voluntary and open membership.
- Cooperatives will create jobs and stabilize livelihoods in rural areas through cooperation among diverse producers, including family farmers and small-scale producers, and through collaboration with other cooperatives and diverse stakeholders.
- Cooperatives will contribute to the revitalization of local communities by connecting producers in rural areas with consumers in urban areas through mutual understanding and active exchanges.

5. Making food systems resilient

-- Action Track 5: Build Resilience to Vulnerabilities, Shocks and Stresses

- As the prolonged spread of the new coronavirus disease has affected food production and distribution under the globalization, it is important for governments to strengthen domestic food production infrastructure and food supply chains in cooperation with cooperatives and other stakeholders.
- Cooperatives will contribute to building resilient food systems by organizing producers, consumers, and workers, and by training human resources for organizing.
- Cooperatives, as people-centered organizations, will contribute to the recovery from damages caused by major natural disasters and conflicts.