

Asahi**KASEI**

Care for People, Care for Earth


Sustainability Report 2021

Asahi Kasei Group



ASAHI KASEI CORPORATION

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Photographs at the cover

We have used a selection of prize-winning photographs from our Sustainability Photo Contest held in March and April 2021. The contest solicited photographs from all Asahi Kasei Group employees and executives that would inspire people to think about and act on sustainability in their daily lives. More than 2,300 submissions were received from our sites around the world.



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Editorial Policy

Introduction

The Asahi Kasei Group issued our first Environment Report in 1991, and we began issuing a CSR Report in 2006 with content expanded to include social responsibilities. Through these reports, we have further enriched communication with our stakeholders and continually fulfilled our accountability.

In line with a trend mainly in Europe to combine financial and non-financial information in a single integrated report, in 2014 we issued an Asahi Kasei Report replacing our Annual Report and CSR Report. At the same time, since then we disclose information on the details of our CSR activities using this website.

Since fiscal 2019, we have termed this report the "Sustainability Report" both on our website and in its downloadable form. In the report, we present the Group's approach to sustainability and contributions to achieving a sustainable society, in accordance with the concept "Care for People, Care for Earth" presented in our Medium-term Management Initiative "Cs+ for Tomorrow 2021," which was launched in fiscal 2019. The framework for our activities is organized into Environment (E), Society (S), and Governance (G), and comprehensive information is provided on policies, systems, activities, numerical data, etc.

Reporting period

The primary focus is fiscal 2020 (April 2020 – March 2021). Some information pertains to the period subsequent to this.

Organizational boundary

Information herein pertains to Asahi Kasei Corp. and consolidated subsidiaries as of March 31, 2021, unless otherwise noted.

On April 1, 2016, Asahi Kasei Corp. became an operating holding company through the absorption of three of its core operating companies, Asahi Kasei Fibers Corp., Asahi Kasei Chemicals Corp., and Asahi Kasei E-materials Corp. The former company names may appear in this report.

Data with differing scopes or coverage is presented in footnotes.

With respect to Responsible Care reporting, the scope is operations inside and outside of Japan which implement the Asahi Kasei Group's Responsible Care program. A list of the business sites implementing the program is presented below.

➤ Asahi Kasei Group's Responsible Care

Inquiries

Please contact us via the website or telephone if you have an inquiry.

To submit an inquiry through the website, please use the following form:

➤ https://www.asahi-kasei.com/contact_us/contact/

Guidelines consulted

We reference the following guidelines and framework when disclosing information related to sustainability.

- GRI "Sustainability Reporting Standards (2016)"
- Ministry of the Environment "Environmental Reporting Guidelines (2018)"
- SASB (Sustainability Accounting Standards Board) Standards
- International Organization for Standardization "ISO 26000"

Publication

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Management Message



Continually taking challenges for sustainability with the dual perspective of "Care for People, Care for Earth"

The COVID-19 pandemic has triggered seismic shifts around the world. There is increased awareness regarding life, health, and hygiene. New social issues have come to the forefront, and people's values with respect to how they live and work have changed. Furthermore, the urgent need to reduce greenhouse gas emissions which are considered to cause climate change, and the difficulty of doing so, have become even more apparent, and efforts to achieve carbon neutrality are gathering steam around the world. There is also an urgent need to address human rights issues, such as by correcting and preventing human rights violations that result from business activities, including forced labor. The importance of taking action to achieve a sustainable society will only continue to rise.

Asahi Kasei's Group Mission is to contribute to life and living for people around the world. The expression "Care for People, Care for Earth" encapsulates our commitment. We will continue our efforts to contribute to a sustainable society and care for both people and the earth, which is now more vital than ever before.

Regarding Care for People, we are advancing initiatives that contribute to achieving a society where people can lead active lives in the "new normal" both during the pandemic and thereafter. When COVID-19 swept the world, we responded by increasing production of ventilators and material for protective medical gowns, while maintaining a stable supply and increasing the production of bioprocess filters for the manufacture of vaccines and therapeutic agents. We are also advancing in the fields of pharmaceuticals and medical devices for orthopedics and critical care to address the needs of aging populations around the world over the medium to long term. We are also developing our Homes business which enables people to lead fulfilling lives in security and comfort over the long term.

Regarding Care for Earth, we are working to contribute to the achievement of a carbon-neutral sustainable society. In May 2021, we announced our goal of becoming carbon neutral in our GHG emissions by 2050. Achieving carbon neutrality is a major challenge for us, having business operations centered around chemicals. However, we believe that our generation should shoulder the responsibility of working towards this goal so that we can ensure a bright future for subsequent generations. At the same time, chemistry can make significant contributions to reducing global GHG emissions and making a sustainable society a reality. We will create new value for society through our technologies and products in the chemical-centric Material sector while offering ZEH (net zero energy houses) and high-performance thermal insulation in the Homes sector.

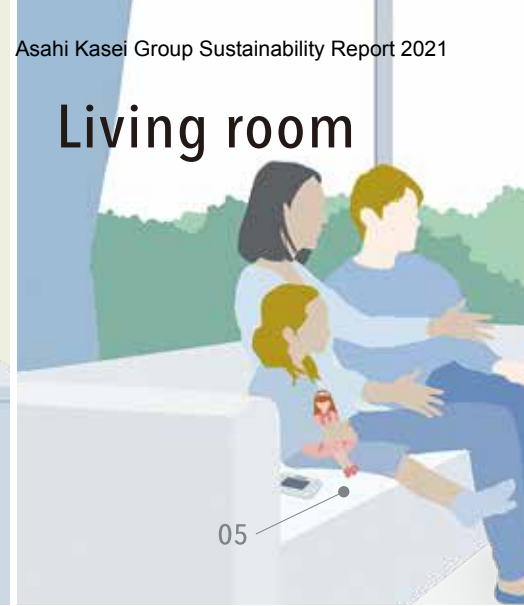
In a discontinuous and uncertain business environment where the future is obscure, we need to firmly solidify our foundations as we move forward. We will continue to take challenges of contributing to a sustainable society while ensuring compliance, safety and quality, and respect for human rights, as well as appropriate communication with stakeholders.


Hideki Kobori

Kitchen



Living room



Creating for Tomorrow

The commitment of the Asahi Kasei Group:

To do all that we can in every era to help the people of the world make the most of life and attain fulfillment in living.

Since our founding, we have always been deeply committed to contributing to the development of society, boldly anticipating the emergence of new needs. This is what we mean by “Creating for Tomorrow.”

Office



Hospital

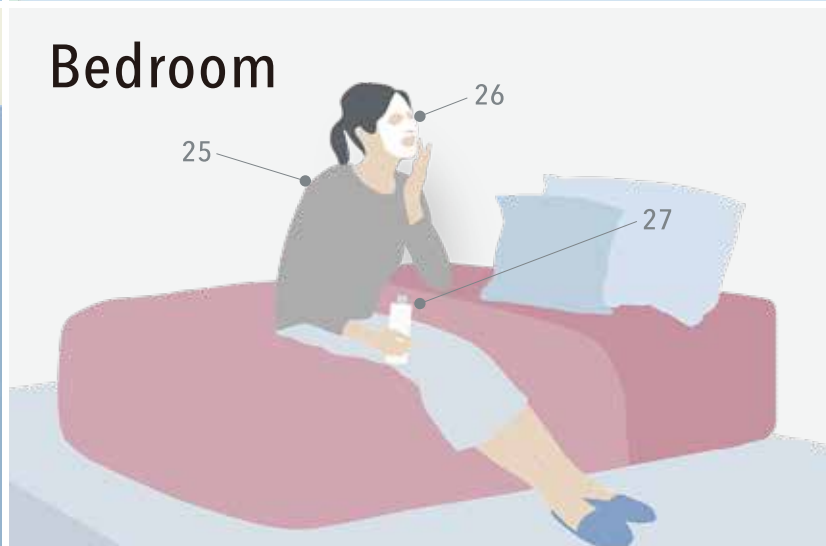
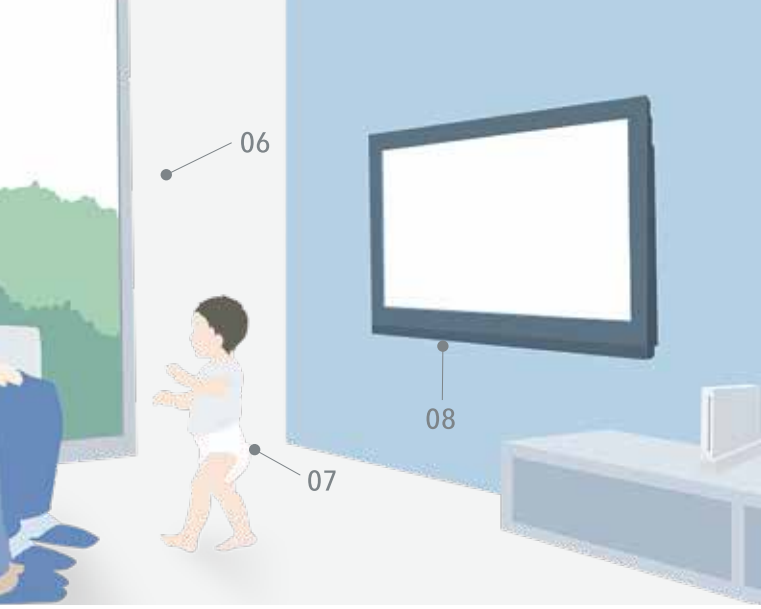


Asahi Kasei Products and Technologies in Everyday Life

The Asahi Kasei Group's products and technologies, ranging from Hebel Haus™ unit homes and Saran Wrap™ cling film, and electronic parts used in computers and smartphones, to performance resins for automotive applications, and pharmaceuticals and AEDs that support people's lives, are used in various ways all around us.

- 01 Dishwashing detergent**
- 02 Filtration at waterworks plant**
(hollow-fiber membranes)
- 03 Food preservation, cooking**
- 04 Printing of packages**
(photosensitive resins)
Foods and beverages
(microcrystalline cellulose)
- 05 Covering fabric for sofas**
(artificial suede)
Video game console
(polyacetal resin)

- Doll hair**
(Saran™ fiber)
- 06 Homes**
(unit homes, apartment buildings, condominiums)
Construction materials
(autoclaved aerated concrete, phenolic foam insulation panels)
- 07 Diapers**
(spunbond nonwovens, spandex fiber)
- 08 Home electronics**
(polystyrene)



Automobile

Outdoors

Bathroom

Bedroom

Electronic parts
(LSIs, Hall elements)

09 Sportswear
(premium stretch fiber,
cupro fiber)

Zippers
(polyacetal)

10 Asphalt pavement
(thermoplastic elastomer)

11 Automobile parts
(performance resins)

12 Airbags
(nylon 66 filament)

Car navigation & audio system
(audio/voice LSIs)

13 Interior material
(artificial suede)

14 Tires
(S-SBR for fuel-efficient tires)

15 Batteries
(Li-ion battery separator,
lead-acid battery separator)

16 Paint

17 PET bottle shrink labels
(styrenic copolymer)

**18 Food storage bags
and containers**

19 Smartphone, Laptop computer
(Li-ion battery separator,
electronic compass, Hall ICs)

20 Suit linings
(cupro fiber)

21 Defibrillators

22 Medical devices
(dialyzers,
therapeutic apheresis devices)

23 Prescription drugs

24 Shampoo
(low-irritation surfactant)
Dispenser bottles
(polyethylene)

25 Innerwear
(cupro fiber)

26 Facial mask
(cupro nonwoven fabric)

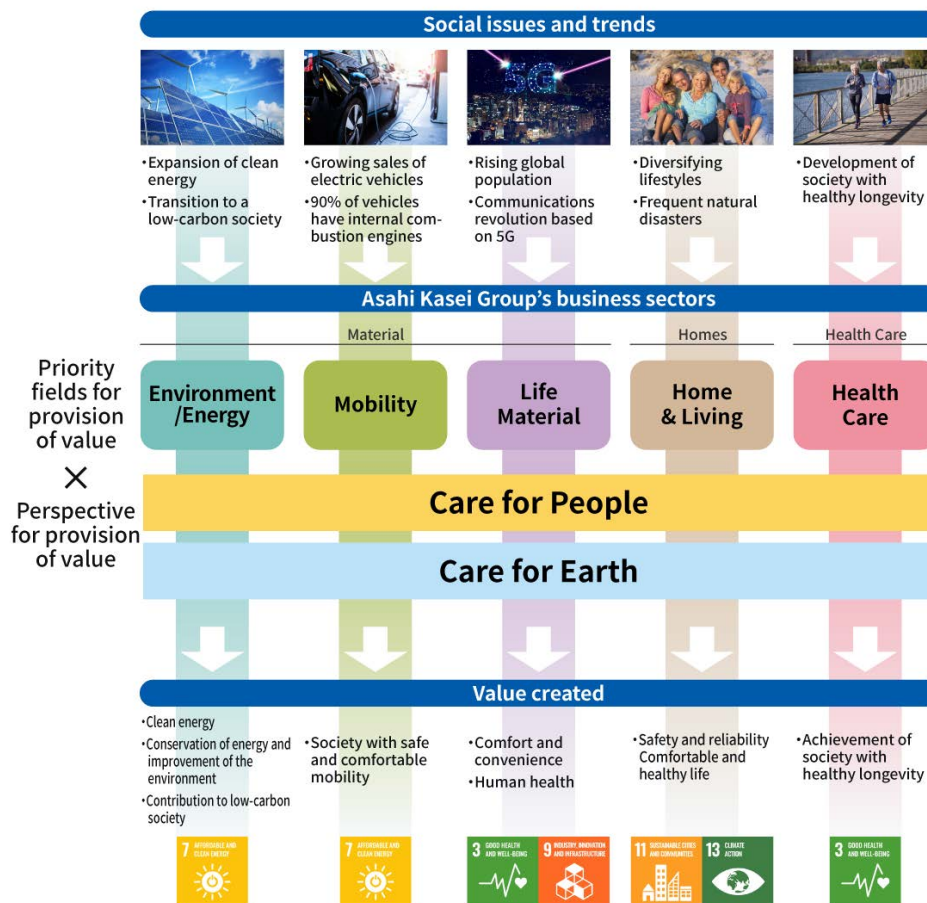
27 Skin care products
(cosmetics raw materials)

Contribution through Business Activities



The Asahi Kasei Group launched the "Cs+ for Tomorrow 2021" three-year medium-term management initiative centered on sustainability in fiscal 2019. In order to contribute to building a sustainable society, Asahi Kasei will continue contributing to the solutions of diverse social issues through our business activities.

In our medium-term management initiative, we expressed the stance of the Asahi Kasei Group, which will continue contributing to sustainable development for people and the Earth going forward, in the phrase "Care for People, Care for Earth." With this as a perspective on the provision of value that is shared throughout our business activities, we will create new value that leads to a sustainable future in diverse locations and fields.



Areas of Contribution and Business Examples

* Under development

Priority fields for provision of value		Care for People	Care for Earth
Material	Environment & Energy		<p>Clean energy</p> <ul style="list-style-type: none"> • Battery separators <ul style="list-style-type: none"> ➢ Hipore™ □ ➢ Celgard™ □ ➢ Daramic™ □ ➢ Alkaline water electrolysis system (green hydrogen)* □ <p>Conservation of energy and improvement of the environment</p> <ul style="list-style-type: none"> ➢ CO₂ sensors □ ➢ Water filtration modules □ ➢ Ion-exchange membranes □ <p>Contribution to low-carbon society</p> <ul style="list-style-type: none"> • Next-generation CO₂ chemistry* • New CO₂ separation and recovery system*
	Mobility	<p>Safety and reliability</p> <ul style="list-style-type: none"> ➢ Airbag material □ ➢ Alcohol sensor □ • Contactless pulse sensing* <p>Comfortable space</p> <ul style="list-style-type: none"> ➢ Lamous™ artificial suede □ • Low VOC material ➢ Air conditioning CO₂ sensors □ 	<p>Fuel efficiency</p> <ul style="list-style-type: none"> ➢ S-SBR for tires □ • Weight-saving materials ➢ Daramic™ lead-acid battery separator □ <p>EV/HEV</p> <ul style="list-style-type: none"> • Lithium-ion battery (LIB) separators <ul style="list-style-type: none"> ➢ Hipore™ □ ➢ Celgard™ □ • LIB-related materials

Priority fields for provision of value		Care for People	Care for Earth
	Life Material	<p>Comfort and convenience</p> <ul style="list-style-type: none"> ➤ Disposable diaper material ☐ • 5G-related (glass fabric, etc.) ➤ Regenerated cellulose fiber ☐ <p>Health</p> <ul style="list-style-type: none"> • Pharmaceutical and food additives ➤ UVC LEDs for disinfection ☐ 	<p>Food loss reduction and low environmental impact</p> <ul style="list-style-type: none"> • Saran Wrap™ • Ziploc™ ➤ Water-washable printing plates ☐
Homes	Home & Living	<p>Safety and reliability/Comfort and health</p> <ul style="list-style-type: none"> • Hebel Haus™ unit homes • Hebel Maison™ apartment buildings • High-quality pre-owned Hebel Haus™ homes 	<p>Contribution to the environment</p> <ul style="list-style-type: none"> • Net zero energy houses/solar power generation systems, etc. • High-performance insulation
Health Care	Health Care	<p>Acute conditions (critical care and circulatory)</p> <ul style="list-style-type: none"> ➤ Reomodulin™ anticoagulant ☐ ➤ Thermogard System™ ☐ ➤ Therapeutic apheresis ☐ ➤ LifeVest™ wearable defibrillator ☐ • Myocardial infarction and cerebral infarction* <p>Chronic conditions (orthopedics and dialysis)</p> <ul style="list-style-type: none"> ➤ Teribone™ osteoporosis therapy ☐ ➤ Reclast™ osteoporosis therapy ☐ ➤ Kevzara™ rheumatoid arthritis therapy ☐ ➤ Dialysis products ☐ • Autoimmune disease, pain relief* <p>Provision of safe biopharmaceuticals</p> <ul style="list-style-type: none"> ➤ Planova™ virus removal filters ☐ ➤ Bioprocess equipment ☐ 	

Sustainability Vision - Asahi Kasei Group's Vision

Asahi Kasei Group's Approach to Sustainability

The Direction of Sustainability with a View Toward 2050

In 2021, to further promote initiatives aimed at making a sustainable society a reality, we established the Asahi Kasei Group Sustainability Policy.

Asahi Kasei Group Sustainability Policy

The Asahi Kasei Group is contributing to life and living for people around the world. We strive for two mutually reinforcing aspects of sustainability: "contributing to sustainable society" and "sustainable growth of corporate value." By creating value for "contributing to sustainable society" we seek to gain high earnings that lead to "sustainable growth of corporate value" which enables us to make further contributions in a virtuous cycle.

In order to achieve this, we pursue the optimal corporate governance while practicing the following.

Value creation through contribution to sustainable society

- Resolving issues for People and the Earth through our high value-added businesses (Care for People, Care for Earth)
- Leveraging our strengths of diversity and capability to change for the creation of value (Connect, Communication, Challenge)

Responsible business activities

- Complying with laws/regulations and respecting international standards regarding business activities (Compliance)
- Prioritizing ESH (environment, safety, and health), human rights, and quality assurance throughout all of our activities
- Performing appropriate information disclosure and dialogue with our stakeholders

Empowerment of personnel

- Respecting diversity and inclusion
- Encouraging each employee's growth, performance, and challenging spirit

➤ [Asahi Kasei Group Sustainability Policy](#) (131.4KB)

Our Group Mission is "contributing to life and living for people around the world," and we have grown by continually contributing to solutions for society. Our commitment has remained constant ever since our founding with the aim of improving people's standard of living.

Today, discussions about achieving sustainability are taking place around the world. Since sustainability is a challenge that concerns people and the global environment, we believe that the pursuit of "living in health and comfort" and "harmony with the natural environment" as set forth in our Group Vision will lead to sustainability.

"Sustainable growth of corporate value" in conjunction with "contributing to sustainable society" is also important. "Contributing to sustainable society" leads to earnings which enhance the corporate value of the Asahi Kasei Group.

To make this virtuous cycle a reality, we will strive to create value by contributing to a sustainable society, conduct our business activities in a responsible manner, and promote the empowerment of our employees. We will accomplish these goals through the fundamental "Cs" of Compliance, Communication, Challenge, and Connections together with "Care for People, Care for Earth" as expressed in fiscal 2019 as part of our "Cs+ for Tomorrow 2021" three-year medium-term management initiative.

Our ultimate aim is to continue to proactively contribute to the world as a leader in solving challenges for society, carrying on the commitment we have had since the founding of our company.

Sustainability Vision - Asahi Kasei Group's Vision

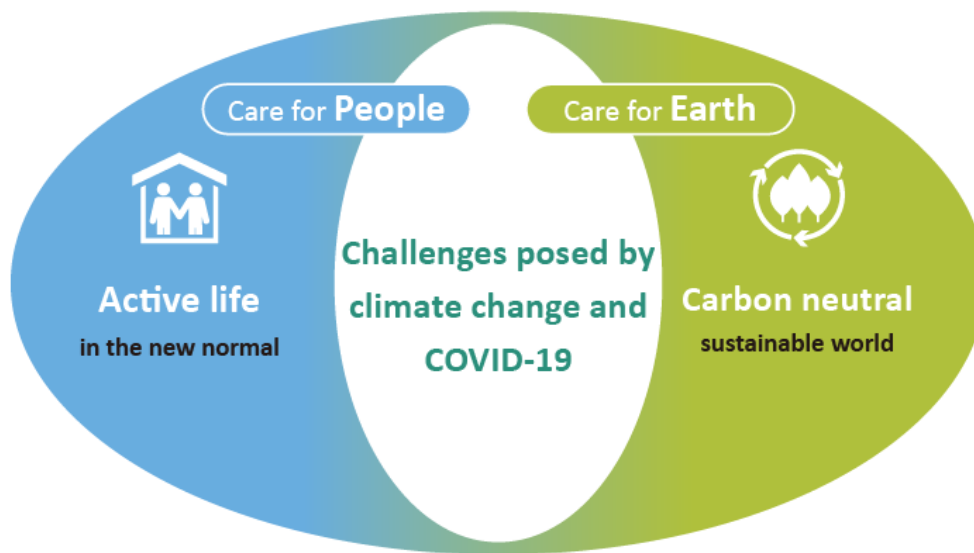
Asahi Kasei Group's Approach to Sustainability

The Direction of Sustainability with a View Toward 2050

The Direction of Sustainability with a View Toward 2050

In response to recent major changes in the environment, such as climate change and the COVID-19 pandemic, Asahi Kasei's commitment to "Care for People, Care for Earth" has become even more important.

Given this context, Asahi Kasei will take on the following two challenges as we look toward 2050. From the perspective of "Care for Earth," we aim to achieve a carbon-neutral and sustainable world, and from the perspective of "Care for People," we aim to achieve active life in the new normal.



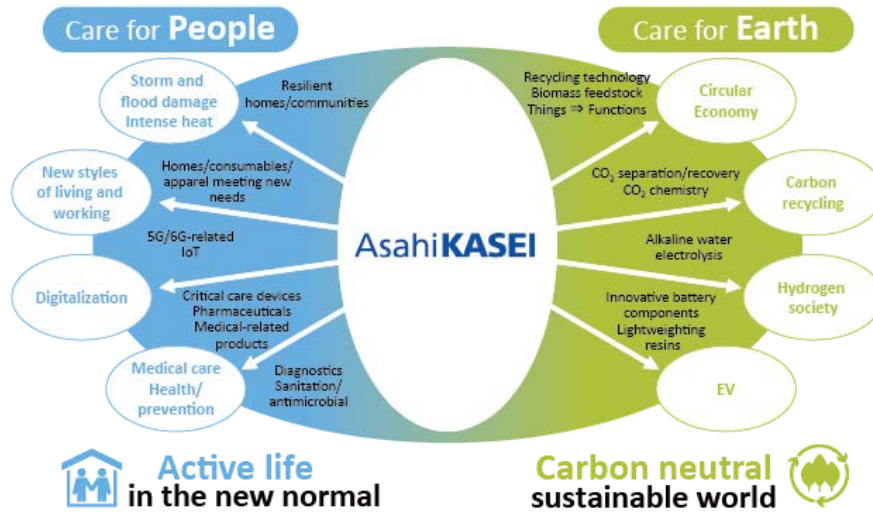
As we look ahead to 2050, it is predicted that we will be confronted with a variety of social issues. We believe that we will be able to help resolve these issues and that our business opportunities will expand.

For example, in terms of "Care for Earth" (achieving a carbon-neutral and sustainable world), we can contribute to important themes such as electric vehicles, a hydrogen-based society, carbon recycling, and achieving a circular economy. We will do this primarily through our businesses in the Material sector, such as recycling technologies, CO₂ separation and recovery, an alkaline water electrolysis system, and battery materials.

Note: To achieve a carbon-neutral world, it is essential to reduce GHG emissions from our business activities. For more information on the Asahi Kasei Group's policy toward carbon neutrality, please click [here](#)

In terms of "Care for People" (achieving active life in the new normal), we will contribute to the development of homes and communities that can withstand storm and flood damage and extreme heat. We will also contribute through our health care business to help people live healthy and vibrant lives.

Opportunities for Asahi Kasei toward 2050



In addition to aiming to provide value to society through our two challenges, we will enhance the fundamental activities that support our business activities, such as corporate governance, compliance, respect for human rights, and safety and quality. We will also pursue our two sustainability goals of contributing to a sustainable society and gaining sustainable growth of corporate value.

➤ Asahi Kasei Group's Materiality

Initiatives for Achieving a Carbon-neutral and Sustainable World

Green hydrogen production technology using an alkaline water electrolysis system

Hydrogen, which is attracting attention as a fuel for automobiles and as a means of storing and transporting energy, is a key factor for carbon neutrality. Based on our knowledge of chlor-alkali electrolysis systems, we launched the world's largest alkaline water electrolysis system in Namie Town, Fukushima Prefecture in 2020, and began an efficient hydrogen supply operation using renewable energy. As expectations for hydrogen rise worldwide, with various countries in Europe announcing hydrogen strategies, we are also conducting demonstrations in Germany. We aim to commercialize this technology as one of our priority technologies while leveraging our strengths.

Alkaline water electrolysis system to accelerate hydrogen society

Environment & Energy

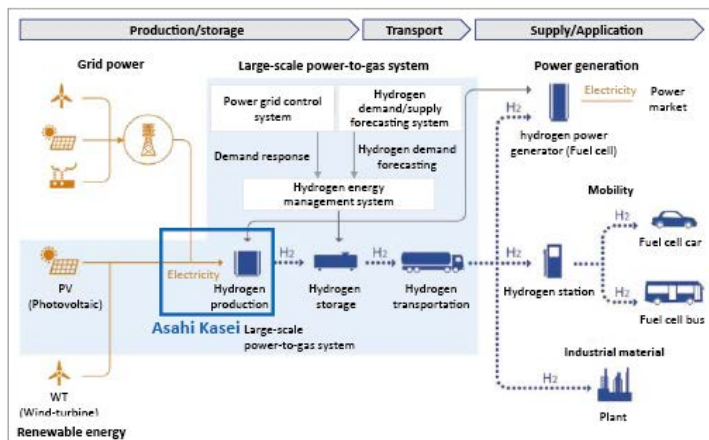
The world's largest scale alkaline water electrolysis system using renewable energy at the Fukushima Hydrogen Energy Research Field (FH2R)



FH2R Source:NEDO



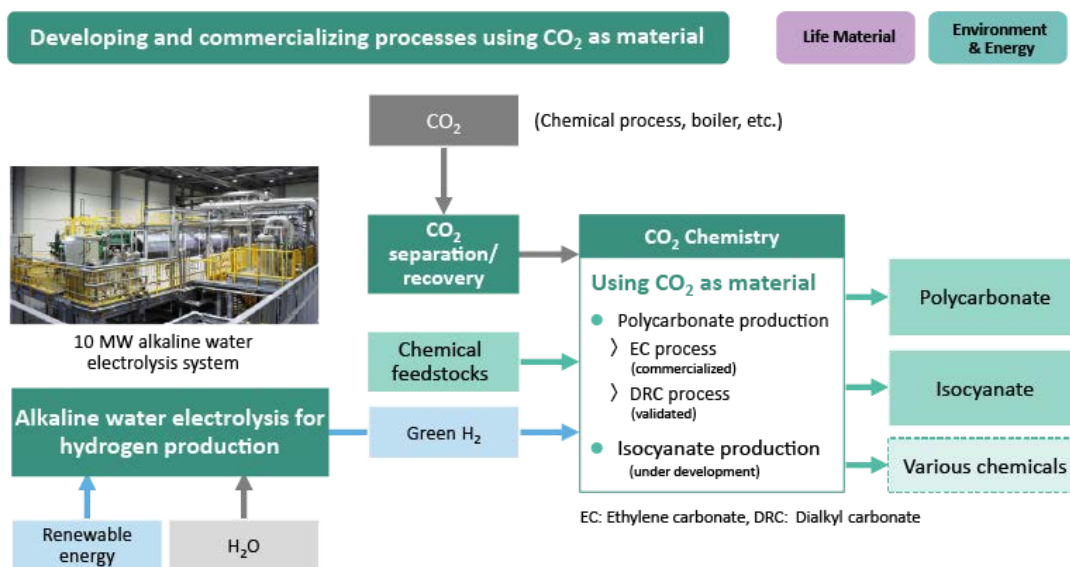
10MW-class alkaline water electrolysis plant



NEDO: Hydrogen social construction technical development project/Hydrogen energy system technical development/Technical development concerning business model construction and the large scale actual proof of a re energy use hydrogen system Source:NEDO

CO₂ Chemistry

We are also focusing on CO₂ chemistry, which enables the production of chemical products using CO₂ as a raw material. In the area of polycarbonate production technology, the EC process has been used in practical applications and is being licensed around the world. The DRC process, which is a further refinement of the EC process, has already been demonstrated as viable and is attracting attention as a technology that enables production regardless of the location of petrochemical plants. We are also developing a technology to produce isocyanate (raw material for polyurethane) from CO₂. We have also started to use the EC process as a basis for the production of electrolyte materials for LIBs, which will become even more essential in society going forward. With regard to CO₂ separation and recovery, we are developing a system that uses our catalyst technology to efficiently separate and recover CO₂ from power plant and factory exhaust gas using special zeolites (a type of mineral) with a precisely controlled pore structure.



Achieving Active Life in the New Normal

Safe, Comfortable, and Resilient Homes and Communities

Earthquakes, fires, and the climate change-amplified risk of wind and flood damage are just some of the threats to people's lives and livelihoods. Being able to live safely in a home that is prepared for these threats is an essential prerequisite for leading a vibrant life. The Hebel Haus™ offered by Asahi Kasei Homes features a solid frame that can withstand earthquakes and powerful typhoons, as well as high-performance heat insulation that shuts out sweltering heat. It can also be equipped with an independent energy supply system that provides peace of mind if the power grid is disrupted due to a natural disaster.

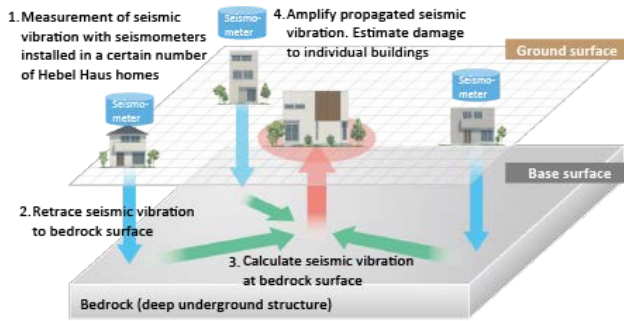
We will also contribute to improving the resilience of community development. In Shinagawa Ward, Tokyo, we are working with the ward to help make the densely crowded wooden homes in some neighborhoods fireproof. Moreover, to prepare for disasters, we are taking three steps to attain complete resilience: protecting lives, protecting health, and restoring lifestyles. We have equipped homes with seismographs to quickly gather data on earthquakes. We are currently working with the National Research Institute for Earth Science and Disaster Resilience (NIED) to develop a system that will enable us to estimate the areas likely to sustain the most damage so that recovery operations can start as soon as possible.

New technology to heighten resilience

Home & Living

Immediate estimation of earthquake damage to Hebel Haus/Hebel Maison

→ Aiming to broadly contribute to improved resilience throughout society in the future

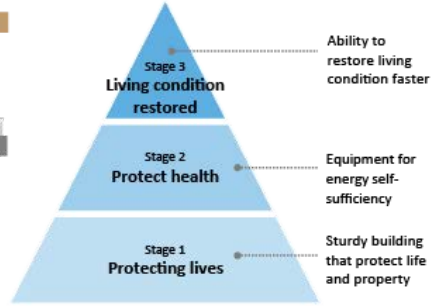


LONGLIFE AEDGIS IoT disaster information system

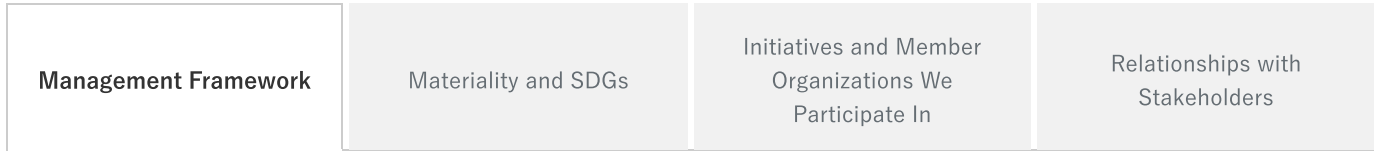
Joint research with National Research Institute for Earth Science and Disaster Resilience

Hebel Haus aim for total resilience

Stages to restore living condition



Sustainability Management



Management Framework

The Asahi Kasei Group considers sustainability to be an important focus of management and incorporates it into both its medium-term and annual management plans, in addition to discussing it at Board of Directors meetings. We have also established a Sustainability Committee to promote sustainability group-wide.

The Sustainability Committee consists of the President, Executive Officers for Business Sectors, the Executive Officer for Technology Functions, and the Executive Officer for Business Management Functions, and is responsible for disseminating information, formulating sustainability-related policies, and so on. The Sustainability Committee coordinates with the Risk Management & Compliance Committee and the Responsible Care Committee, which handle more technical and specific matters. All three of these committees are chaired by the President of Asahi Kasei. Our Global Environment Committee, chaired by the Executive Officer for Technology Functions, holds specialized discussions on global environmental measures as a subcommittee of the Sustainability Committee.



Framework for Sustainability Strategy (as of September 1, 2021)

Message from the Senior General Manager, Sustainability Strategy Planning Department

"Sustainability" has become a commonly used term in recent years. It was only two years ago that we established our Sustainability Strategy Planning Department. Since then, however, there have been a lot of developments, and "sustainability" seems to have become an everyday term. That being said, I believe that what is important is not that the term has become commonplace, but that we are now at the beginning of a long road in which we will implement full-scale initiatives toward sustainability.

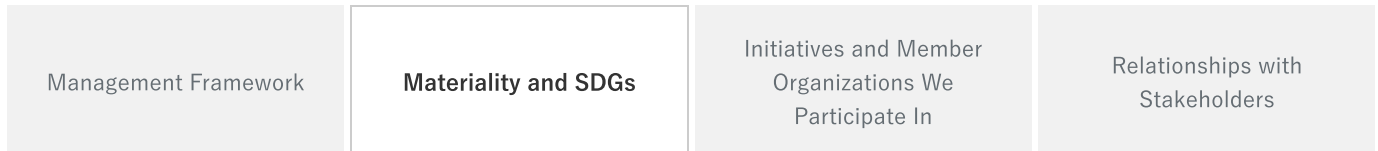
We have adopted a goal of carbon neutrality by 2050, and are also promoting a number of initiatives anticipating a circular economy. We are taking on challenges for achieving active life in the "new normal" of the COVID-19 pandemic. As important issues that form the basis of these initiatives, we are also striving to address human rights, compliance, safety, quality, and relationships with local communities.

Collaboration and cooperation with people outside the company are also essential to advancing these initiatives. We will strive to provide value for a sustainable society through earnest dialogue with our stakeholders regarding what is expected by society.

Tatsuhiko Tokunaga

Senior Managing Executive and Senior General Manager of the Sustainability Strategy Planning Department
Asahi Kasei Corp.

Sustainability Management



Asahi Kasei Group effort for the SDGs

The 2030 Agenda for Sustainable Development was adopted by the UN Sustainable Development Summit in September 2015. The agenda includes 17 Sustainable Development Goals (SDGs) and 169 targets such as ending poverty and inequality, and taking action on climate change.

The Asahi Kasei Group contributes to achievement of the SDGs through diverse businesses that provide new value to society in accordance with the Group Vision of enabling "living in health and comfort" and "harmony with the natural environment."



Asahi Kasei Group's Materiality

In fiscal 2017 we designated the priority issues and subjects to address as the materiality of the Asahi Kasei Group. We revised our materiality in May 2021 amidst the worsening climate crisis and the acceleration of domestic and international sustainability-related trends. We added "Initiatives toward Carbon Neutrality" and "Initiatives toward a Circular Economy" as matters of the highest importance.

Identifying Our Materiality

1. Identifying Issues

We referred to international guidelines including ISO 26000 and the GRI Standards, as well as the evaluation items used by major ESG evaluation organizations (FTSE, etc.), to identify issues according to the demands of societies and our mission, vision, and values.

2. Determining the Impact

We assessed the level of impact on both society and our Group and mapped it onto two axes.

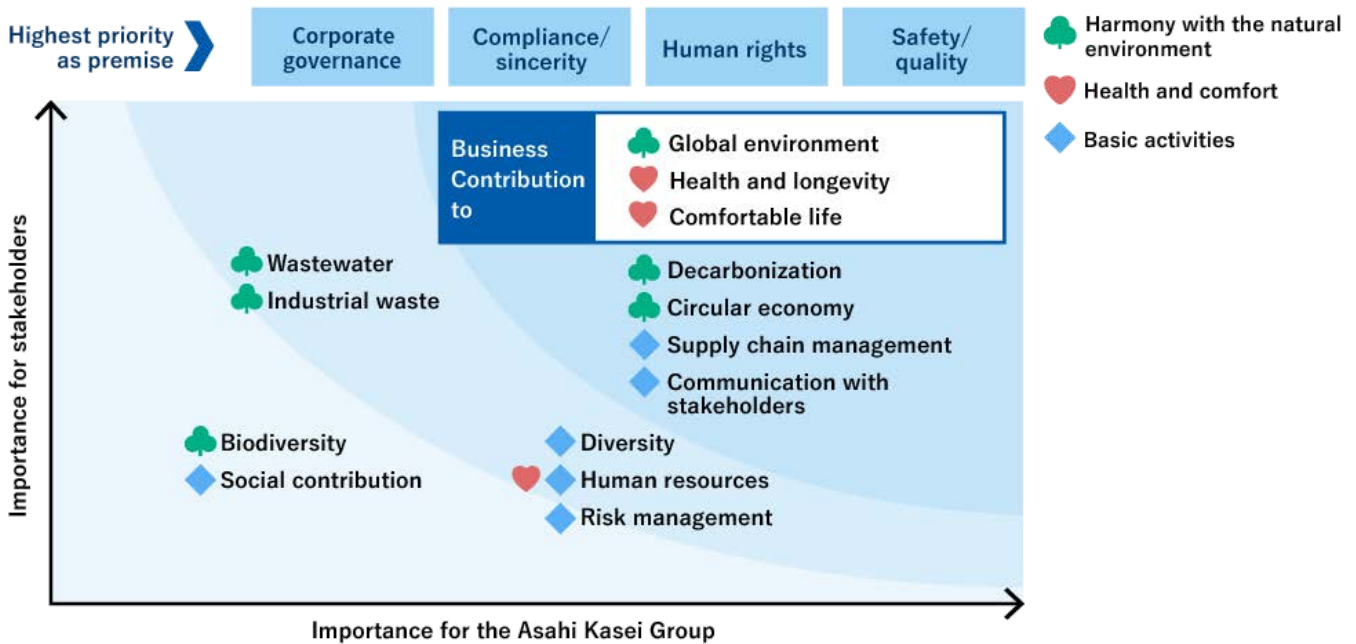
3. Evaluating Validity

We confirmed the validity of the plan by examining it from a variety of perspectives, such as through deliberations among divisional managers, discussions with other companies, and interviews with outside directors.










4. Deliberation and Approval








After deliberation by the Management Council, the proposal was approved by the Board of Directors.

The relationships between this materiality and the sustainable development goals (SDGs) are shown in the following table. We will continue to advance our initiatives while incorporating the perspectives of various stakeholders.



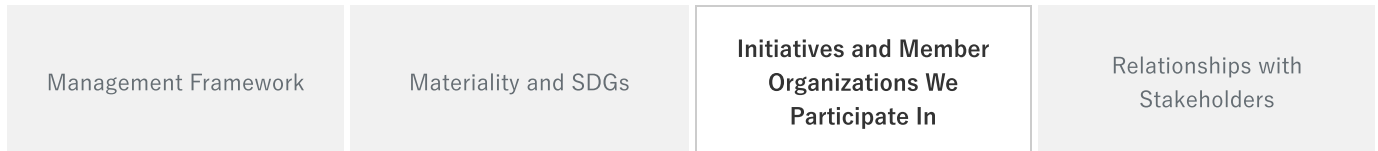
Materiality List

Theme	Materiality	Related SDGs	Supervising organization (Joint supervision: Sustainability Strategy Planning Department)	Main KPIs
<p>Harmony with the environment</p> <p>We position initiatives for the global environment as important issues, and we are working on measures regarding climate change, preservation of biodiversity, development of a circular economy, and other initiatives. Using our diverse technologies, we will also develop materials and products that contribute to conserving energy and reducing CO₂ emissions.</p>	Global environment*	   	Strategic Business Units and Core Operating Companies Corporate Research & Development	Environmental Contribution Products
	Initiatives toward Carbon Neutrality	 	Corporate ESH, Strategic Business Units, and Core Operating Companies Corporate Research & Development	GHG emissions
	Initiatives toward a Circular Economy		Corporate ESH, Strategic Business Units, and Core Operating Companies Corporate Research & Development	—
	Wastewater		Corporate ESH	Number of accidents involving environmental pollution and number of significant issues
	Industrial waste		Corporate ESH	—
	Biodiversity		Corporate ESH	Awareness-raising Activities
<p>Living in health and comfort</p> <p>We will contribute to healthy and comfortable lifestyles and affluent living with our distinctive products and technical capabilities.</p>	Health and longevity*	  	Strategic Business Units and Core Operating Companies Corporate Research & Development	—
	Comfortable life*		Strategic Business Units and Core Operating Companies Corporate Research & Development	—





Theme	Materiality	Related SDGs	Supervising organization (Joint supervision: Sustainability Strategy Planning Department)	Main KPIs
Basic activity We will strengthen the base for business development, leading to the creation of new value.	Corporate governance	 	General Affairs	Effectiveness assessment and improvement
	Compliance /sincerity	 	General Affairs	—
	Risk management	 	General Affairs	—
	Safety/quality		Corporate ESH/Corporate Quality Ensurance	Major security incidents Disabling injury frequency rate
	Human rights		Human Resources/Corporate Procurement & Logistics	Employee survey
	Human Resources		Human Resources	—
	Diversity		Human Resources	Number of female managers
	Supply chain management		Corporate Procurement & Logistics	Administered CSR Procurement Questionnaire
	Communication with stakeholders		Investor Relations/Human Resources/General Affairs and others	—
	Social contribution		General Affairs	Amount of activity (in monetary terms)

* Contribution through business

Sustainability Management



Participation in initiatives (major initiatives)

 <p>Global Compact</p>	<p>The Asahi Kasei Group supports the United Nations Global Compact.</p> <ul style="list-style-type: none"> ➤ UN Global Compact <input type="checkbox"/>
 <p>Business Call to Action (BcTA), a multilateral alliance led by the United</p>	<p>Nations Development Programme (UNDP), challenges companies to advance core business activities that contribute to the achievement of the Sustainable Development Goals (SDGs). Asahi Kasei joined with an initiative to support the fiber industry in India throughout the supply chain for Bemberg™ cupro.</p> <ul style="list-style-type: none"> ➤ Business Call to Action <input type="checkbox"/>
 <p>Clean Ocean Material Alliance (CLOMA)</p>	<p>The Clean Ocean Material Alliance (CLOMA) is a platform established to accelerate innovation by strengthening collaboration among a wide range of stakeholders across industry sectors amid a need to implement worldwide initiatives to overcome the marine plastic litter problem, a global-scale challenge.</p> <ul style="list-style-type: none"> ➤ Clean Ocean Material Alliance <input type="checkbox"/>
 <p>Battery Association for Supply Chain Battery Association for Supply Chain (BASC)</p>	<p>The Battery Association for Supply Chain (BASC), established as a general incorporated association on April 1, 2021, is an organization engaged in activities such as the international standardization of the battery supply chain (industries related to battery materials, components, and raw materials) and the creation of a battery ecosystem, with the aim of achieving a decarbonized society.</p> <ul style="list-style-type: none"> ➤ BASC <input type="checkbox"/>
<p>White Logistics Movement</p>	<p>The White Logistics Movement is aimed at ensuring stability in logistics needed for people's daily lives and industrial activity and contributing to economic growth in response to the truck driver shortage, which continues to intensify. The Ministry of Land, Infrastructure, Transport and Tourism, the Ministry of Economy, Trade and Industry, and the Ministry of Agriculture, Forestry and Fisheries are the advocates of the movement.</p> <p>Asahi Kasei has made a statement of voluntary action endorsing the movement and is working to improve logistics.</p>

<p>Challenge Net Zero Carbon Innovation (Challenge Zero)</p>	<p>Challenge Zero is an initiative promoted by the Japan Business Federation (Keidanren) in coordination with the Japanese government to support companies and groups in their efforts to achieve a decarbonized society.</p> <p>Asahi Kasei supports this initiative and has announced specific efforts and policies:</p> <p>➤ Challenge Zero </p>
 <p>RE100</p>	<p>RE100 is an international collaborative initiative consisting of companies committed to running their business operations on 100% renewable energy. Asahi Kasei Homes is a member of this initiative, and it has announced specific targets and is working to achieve them.</p> <p>➤ RE100 </p>
<p>Keidanren Biodiversity Declaration Initiative</p>	<p>The Keidanren Biodiversity Declaration Initiative is a support effort by the Japan Business Federation (Keidanren) to promote autonomous, active efforts by companies to partake in biodiversity preservation activities, with the aim of achieving harmony between the environment and the economy.</p> <p>Asahi Kasei supports this initiative and has announced specific efforts and policies:</p>
 <p>Pinfa (Phosphorus, Inorganic & Nitrogen Flame Retardants Association)</p>	<p>Through Asahi Kasei Europe, its European headquarters, Asahi Kasei has become the first Japanese resin manufacturer to join Pinfa (Phosphorus, Inorganic & Nitrogen Flame Retardants Association), an organization dedicated to improving the safety and lowering the environmental impact of both non-halogenated flame retardants and plastic products that use non-halogenated flame retardants.</p> <p>➤ Pinfa </p>
 <p>Clean Fuel Ammonia Association</p>	<p>Ammonia shows promise as an energy carrier for hydrogen. This association aims to establish a value chain from supply to utilization of CO₂-free ammonia through technology development/evaluation, economic evaluation, policy recommendations, international collaboration, and other efforts.</p> <p>➤ Clean Fuel Ammonia Association </p>
 <p>Japan Hydrogen Association</p>	<p>The Japan Hydrogen Association advances global collaboration in the hydrogen field as well as the creation of hydrogen supply chains.</p> <p>As a chemical manufacturer that utilizes hydrogen, Asahi Kasei will take an active role in offering proposals in the Association's working group activities with regard to issues that should be addressed to generate and expand demand for hydrogen.</p> <p>➤ Japan Hydrogen Association </p>

Membership in organizations (main organizations)

Name of organization	Asahi Kasei's role
Japan Business Federation (Keidanren)	Chair of Committee on Environment and Safety, Chair of Committee on Social Security
Japan Chemical Industry Association (JCIA)	Director

Sustainability Management



Management Framework	Materiality and SDGs	Initiatives and Member Organizations We Participate In	Relationships with Stakeholders
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Relationships with Stakeholders

Our business operations depend on relationships of trust with our stakeholders. We believe that corporate value is raised by understanding the requirements and meeting the expectations of various stakeholders such as customers, shareholders and investors, business partners, local communities, the general public, and employees.

We provide many opportunities for communication to enable our business operations to be improved through dialog with stakeholders.

Communication with stakeholders

Main stakeholders	Basic premises	Main opportunities for communication
Customers	We believe that it is by maintaining customer satisfaction and providing reliable and enjoyable products and services that we contribute to society.	<ul style="list-style-type: none"> • Face-to-face discussion by marketing and sales personnel • Taking inquiries via telephone, website, etc.
Shareholders and investors	We strive to disclose information in a timely and fair manner to enable our domestic and international investors to gain an accurate understanding of the Asahi Kasei Group.	<ul style="list-style-type: none"> • Meeting with securities analysts and institutional investors • Seminars for individual investors • Website disclosure of information • Taking inquiries via telephone, website, etc. • Shareholders meeting
Suppliers	A relationship of mutual trust with our suppliers is fostered through fair and principled purchasing practices based on regulatory compliance and respect for the environment and human rights.	<ul style="list-style-type: none"> • Safety discussion forums • CSR surveys • Compliance hotline (whistleblower system)
Local communities and the general public	We work to honor and respect the local culture of each community where our operations are based, and to maintain effective dialog and communication with community members.	<ul style="list-style-type: none"> • Periodic community dialog meetings • Community outreach initiatives

Main stakeholders	Basic premises	Main opportunities for communication
Employees	The Asahi Kasei Group considers fulfilling and satisfying working conditions and workplace culture, in which employees feel motivated to achieve and take pride in their career, to be a key to business performance.	<ul style="list-style-type: none"> • Training and interviews • Discussion and interaction with management • Internal magazine and intranet • Compliance hotline

Asahi Kasei Group's Responsible Care Program

Responsible Care

RC represents the commitment and initiative to secure and improve safety and environmental protection at every step of the product life cycle through the individual determination and responsibility of each firm producing and handling chemical products, together with measures to gain greater public trust through disclosure and communication. RC was conceived in Canada in 1985 and was strengthened on a global scale with the establishment of the International Council of Chemical Associations (ICCA) in 1989. In 1995, the chemical industry in Japan began implementing RC with the establishment of the Japan Responsible Care Council (JRCC*). The Asahi Kasei Group was among the founding members of the JRCC, and played a leading role in the expansion and development of RC in Japan. We implement RC initiatives in all business sectors, including the chemical and electronics fields of the Material business sector, the construction materials field of the Homes business sector, and the medical devices and pharmaceuticals fields of the Health Care business sector. This is one of our unique features.

* JRCC was merged with the Japan Chemical Industry Association in April 2012 and renamed the Responsible Care Council.



Responsible Care at the Asahi Kasei Group

Message from the Executive for RC

Asahi Kasei started the three-year Medium-term Management Initiative "Cs+ for Tomorrow 2021" emphasizing sustainability in FY2019. We aim to raise our corporate value by implementing various measures to achieve our business targets as well as by contributing to a sustainable society as indicated by the SDGs.

The current operating climate is changing greatly with growing awareness for global environmental issues and corporate responsibility as a social entity. At the Asahi Kasei Group, in accordance with our Group Mission of contributing to life and living for people around the world, we ensure the stable provision of solutions that our customers can rely on while focusing on the three fundamental "actuals" of the actual place, actual thing, and actual fact, with active connections inside and outside the company to further heighten RC.

We regard RC as a most crucial management issue, and to raise our corporate value for our various stakeholders we work to achieve our annual RC objectives while advancing RC activities from a broader perspective, reinforcing R&D to provide solutions to global warming and other environmental issues.



Shigeki Takayama
Representative Director,
Vice-Presidential Executive
Officer
Asahi Kasei Corp.

Policy

RC at the Asahi Kasei Group is guided by the following principles.

Asahi Kasei Group RC Principles

We give the utmost consideration to environmental protection, quality assurance, operational safety, workplace safety and hygiene, and health maintenance, throughout the product life cycle from R&D to disposal, as preeminent management tasks in all operations.

- We give full consideration to the global environment and make efforts to reduce the environmental burden of all operations.
- We continuously provide safe products and services with the quality that gives customers a sense of security and satisfaction.
- We strive for stable and safe operation while preventing workplace accidents and securing the safety of personnel and members of the community.
- We strive for a comfortable workplace environment, and support the maintenance and promotion of employee health.

In addition to maintaining legal compliance, we set self-imposed targets for continuous improvement, while performing proactive information disclosure and communication to gain public understanding and trust.

Revised on April 1, 2016

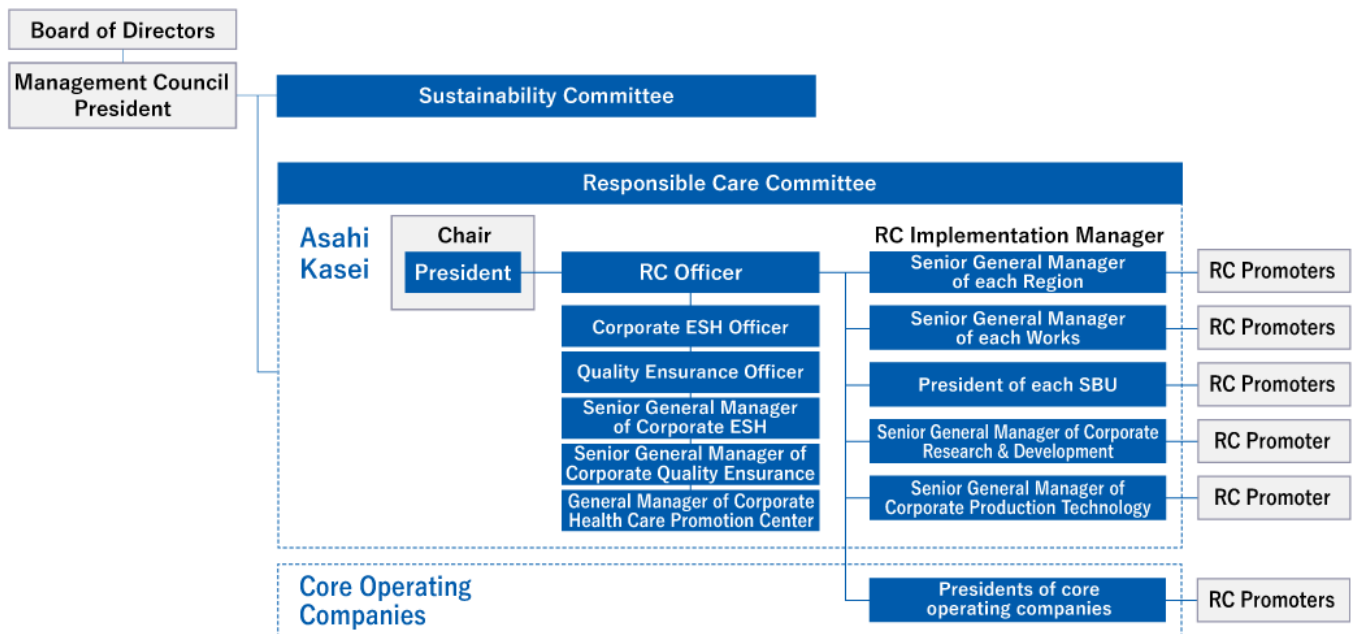
Management framework

The management system of Asahi Kasei Group RC is maintained in accordance with our Group RC Management Guidelines and other internal standards. The Responsible Care Committee (referred to as the RC Committee below) has been established under the direct control of the President to deliberate concerning plans and their results. This committee also cooperates with the Sustainability Committee, which promotes sustainability across the Group. In addition, the RC Promotion Council sub-committee gathers regularly, and RC initiatives are continuously improved with the repetition of Plan-Do-Check-Act (PDCA) cycles at the Regions and Works*, business units, and Group-wide.

Concerning RC management systems, we have obtained ISO 14001 environmental management system certification for environmental protection and ISO 9001 quality management system certification for product safety. An Occupational Health & Safety Management System (OHSMS) has been adopted for workplace safety, hygiene, and health.

* A site or group of sites consisting of several plants and facilities is called a Region or Works. The Senior General Manager of each Region or Works is responsible for the unified implementation of RC in the respective Region or Works.

RC Committee Management Organization



RC Committee/RC Promotion Council

RC Committee	Chair	Asahi Kasei President
	Committee members	Asahi Kasei RC Officer, Asahi Kasei Corporate ESH Officer, Asahi Kasei Corporate Quality Assurance Officer, Asahi Kasei RC Implementation Manager, Asahi Kasei Senior General Manager of Corporate ESH, Asahi Kasei Senior General Manager of Corporate Quality Assurance, General Manager of Corporate Health Care Promotion Center, Core Operating Company RC Implementation Manager
	Observers	Asahi Kasei Audit & Supervisory Board Members, persons designated by the Committee Chair
	Secretariat	Corporate ESH (Corporate Quality Assurance)
	Frequency of Meetings	Once per year
RC Promotion Council	Chair	Asahi Kasei RC Officer
	Committee members	Asahi Kasei Corporate ESH Officer, Asahi Kasei Corporate Quality Assurance Officer, Asahi Kasei Senior General Manager of Corporate ESH, Asahi Kasei Senior General Manager of Corporate Quality Assurance, General Manager of Corporate Health Care Promotion Center, Asahi Kasei RC Promoter, Core Operating Company RC Promoters
	Secretariat	Corporate ESH (Corporate Quality Assurance)
	Frequency of Meetings	4 times per year

RC education and training

In order to ensure the advancement of RC activities, the Asahi Kasei Group conducts practical RC education and training concerning basic knowledge of and theories about RC. The training program applies to all key personnel who implement RC, including production managers and Environment, Health & Safety (EHS) managers, as well as candidates for those positions, group leaders of research departments, and EHS personnel.

Each fiscal year, we hold RC training courses especially for newly appointed staff covering general RC activities, employee health, operational safety, environmental protection, and workplace safety. These take place over 4 days. In fiscal 2020, the course was offered both as a self-study course and a one-day web lecture, with a total of 108 personnel taking the course.

In addition, with the goal of improving the Group's RC level, a training course for assistant chiefs that was formally initiated in fiscal 2012 continues to be held and improved while incorporating feedback. In fiscal 2020, the course was offered both as a self-study course and a one-day web lecture, with a total of 278 personnel taking the course. We will continue to promote education and training to meet various needs both inside and outside the company.

RC Conference

Our Group holds annual RC Conference, at Asahi Kasei Corp., group companies, and in various regions where we are active. At these symposiums we share information and revitalize RC initiatives by reporting on their status, holding presentations on activities, listening to lectures by experts invited from outside the company, and presenting Safety Awards.

The FY2020 Asahi Kasei RC Conference held online in November drew 2,300 participants.



Asahi Kasei President Hideki Kobori gives the opening remarks



The livestream venue

Organizations implementing Responsible Care

[Japan]

Prefecture	Location	Business category	Company	Plant, laboratory, or department	Main products/business line		
Gunma	Ota	Chemicals	Asahi Kasei Pax Corp.	Gunma Plant	Molded plastic containers		
Ibaraki	Kasama	Chemicals	Asahi Kasei Metals Ltd.	Tomobe Plant	Aluminum paste		
			Asahi SKB Co., Ltd.	–	Explosive devices		
	Sakai	Construction Materials	Asahi Kasei Construction Materials Corp.	Sakai Plant	Autoclaved aerated concrete panels		
			–	Neoma Foam Plant	Phenolic foam insulation panels		
			Construction Materials R&D Dept.	Improvement of construction materials and development of new products			
			Sakai Kako Co., Ltd.	–	Construction materials processing		
Tochigi	Mibu	Chemicals	Asahi Kasei Color Tech Co., Ltd.	Mibu Plant	Plastic coloring & compounding		
Saitama	Kamisato	Chemicals	Asahi Kasei Techno Plus Co., Ltd.	Saitama Plant	Molded plastic products		
	Ageo	Chemicals	Ageo Pax Corp.	Ageo Plant	Film lamination		
	Kawagoe	Health Care	Med-Tech Inc.	–	Manufacture and sale of medical devices		
Yamanashi	Fujiyoshida	Fibers	Fuji Seisen Co., Ltd.	–	Dyeing and finishing of yarns and fabrics		
Chiba	Chiba	Chemicals	Asahi Kasei Corp.	Chiba Plant	Acrylic resin and polystyrene resin		
			–	Compound Prod. Control Dept.	Development of compound production technology, support for processing facilities		
			–	Xyron Dev. Dept., Leona Plastics Dev. Dept.	Applied research for performance plastics and plastic processing		
			Asahi Kasei Color Tech Co., Ltd.	Sodegaura Plant	R&D for plastic compounding technology		
			PS Japan Corp.	Chiba Plant	Product management and production technology development for polystyrene		
		Asahi Kasei Energy Service Corp.	–	Operation of power plant of Nakasode Clean Power Corp. and Shin Nakasode Power Corp.			
		Electronics	Asahi Kasei Corp.	Electronics & Functional Products Div.	R&D for plastic optical fiber		
		–	Asahi Kasei EMS Co., Ltd.	Chiba Plant	Plastic optical fiber		
		Others	Asahi Kasei Advance Corp.	Kashiwa PDC	Processing of construction materials		
		Tokyo	Tokyo	Chemicals	Asahi Kasei Home Products Corp.	–	Development and sale of cling film and other household products
				Electronics	Sun Delta Corp.	–	Sale of synthetic resin products
				Construction Materials	Asahi Kasei Foundation Systems Co., Ltd.	–	Installation of piles
				Others	Asahi Kasei Advance Corp.	–	Trading company handling fibers, resins, chemicals, construction materials, etc. of Asahi Kasei
Asahi Kasei Create Co., Ltd.	–				Management and sales of real estate, insurance agency, subcontracted office work		
Asahi Kasei Amidas Co., Ltd.	–				Personnel placement, agency and training; ISO consulting		
Asahi Kasei Ability Corp.	–				Printing, bookbinding, and office work		
Asahi Research Center Co., Ltd.	–	Information and analysis					
Asahi Kasei Benefits Management Corp.	–	Company housing, recreational facilities					
Kanagawa	Kawasaki	Chemicals	Asahi Kasei Corp.	Monomers Prod. Dept.	Methyl methacrylate, cyclohexyl methacrylate, acetonitrile		
			–	ABS & SB Latex Prod. Dept.	Styrene-acrylonitrile resin, styrene-butadiene latex		
			–	Synthetic Rubber Prod. Dept.	Synthetic rubber, elastomer, utilities (electricity, steam, water)		
			–	Acrylic Plastics Prod. Dept.	Acrylic resin, acrylic sheet		
			–	Ion Exchange Membranes Prod. Dept.	Ion-exchange membranes		
			–	R&D units	Creation of new high performance materials, R&D for performance products and systems, applied research for plastics and plastic processing		
			–	PS Japan Corp.	R&D Dept.	Polystyrene R&D	
	R&D	Asahi Kasei Corp.	Clean Energy Project	Development of water electrolysis system			
	–	–	Performance Polymers Tech. Ctr.	Development of performance polymer, resin processing technology, application development			
	Others	Asahi Kasei Engineering Corp.	–	Development, design, installation, inspection, and maintenance of equipment and systems			
Kawasaki	Others	Asahi Kasei Engineering Corp.	–	Plant, equipment, process engineering, and related work/development			
Atsugi	R&D	Asahi Kasei Corp.	Informatics Initiative	Business support by informatics, promotion of digital transformation			
	Homes	Asahi Kasei Jyuko Corp.	Atsugi Prod. Dept.	Assembly of steel frames and processing of insulation for homes			
Shizuoka	Fuji	Chemicals	Asahi Kasei Corp.	Microza Plant	Filtration membranes and modules		
			–	Fuji Power Supply Dept.	Utilities (electricity, steam, water)		
			–	Housing Tech. R&D Labs.	R&D to actualize and advance the Long Life Home		
		Homes	Asahi Kasei Homes Corp.	–	–		
			Asahi Kasei Pharma Corp.	Fuji Pharmaceuticals Plant	Bulk pharmaceuticals		
		Health Care	Asahi Kasei Medical Co., Ltd.	Bioprocess Div./Product Dev. Dept.	Development of filters and absorbents for separation and purification in manufacture of biopharmaceuticals		
			–	–	–		
		Electronics	Asahi Kasei Corp.	Photoproducts Plant	Liquid photosensitive resin, photosensitive printing plates		
			–	Electronics Materials Plant	Photosensitive polyimide production and development		
			–	Fuji 2nd Plant	Photosensitive dry film, fuel cell materials		
			–	WGF Project	Optical materials and components		
			–	R&D Planning and Business Dev.	Development of products in the Material sector		
			–	UVC Project	Development of UVC LEDs		
	–		Corporate Production Tech.	Design/construction/development of facilities, inspection/maintenance, development of information systems			
	–		R&D units	Development of products in the Material sector			
	Asahi Kasei Microdevices Corp.	R&D Ctr.	R&D for compound semiconductors				
	–	Fab 3	Wafers of Hall elements and infrared sensors				
	Asahi Kasei Epoxy Co., Ltd.	Fuji Plant	Epoxy curing agent				
	Others	Asahi Kasei Engineering Corp.	–	Design, construction, and development of facilities and development of information systems			
		Asahi Kasei Create Co., Ltd.	–	Insurance agency			
		Asahi Kasei Amidas Co., Ltd.	–	Training, consulting, personnel placement			
		Asahi Kasei Ability Corp.	–	Delivery of mail, guidance for obtaining qualifications and training			
		Asahi Kasei Benefits Management Corp.	–	Management of benefits			
R&D	Asahi Kasei Corp.	R&D Ctr.	Medium to long term R&D, advancement of synergy and creation of new business				
	–	Healthcare R&D Ctr.	Health Care sector R&D (diagnostic reagents, regenerative medicine, etc.)				
	–	Performance Materials Tech. Ctr.	R&D for technologies and products related to Performance Materials				
	–	Analysis & Simulation Ctr.	Analysis and computer simulation				
	–	–	–				
Ohito	Health Care	Asahi Kasei Pharma Corp.	Ohito Pharmaceuticals Plant	Pharmaceutical intermediates			
		–	Ohito Diagnostics Plant	Diagnostic enzymes, diagnostic reagent kits			
		–	Pharmaceuticals Research Ctr.	New pharmaceuticals R&D			
	Others	Asahi Kasei Benefits Management Corp.	–	Management of benefits			
–	Toyoko Kensa Center Co., Ltd.	–	Measurement, evaluation, analysis, clinical testing				
–	Asahi Kasei Create Co., Ltd.	–	Insurance agency				
Aichi	Miyoshi	Health Care	Asahi Kasei Pharma Corp.	Nagoya Pharmaceuticals Plant	Pharmaceuticals		
Gifu	Hozumi	Construction Materials	Asahi Kasei Construction Materials Corp.	Hozumi Plant	Autoclaved aerated concrete panels		
			–	Hozumi Kako Co., Ltd.	–	Construction materials processing	
Fukui	Echizen	Fibers	Kyokujitsu Textile Mills Co., Ltd.	–	Woven fabrics		
	Fukui	Others	Asahi Kasei Advance Corp.	–	Trading company handling fibers, resins, chemicals, construction materials, etc. of Asahi Kasei		
			Asahi Kasei Advance Fukui Corp.	–	Processing of industrial materials and nonwovens		
	Awara	Others	Asahi Kasei Advance Corp.	Kanazu Logistics Center	Storage of fiber products		

Prefecture	Location	Business category	Company	Plant, laboratory, or department	Main products/business line		
Shiga	Moriyama	Chemicals	Asahi Kasei Corp.	Moriyama Power Supply Dept.	Utilities (electricity, steam, water)		
			Asahi Kasei Corp.	Spunbond Plant	Spunbond		
		Fibers	Asahi Kasei Corp.	Roica Plant	Elastic polyurethane filament		
			Asahi Kasei Corp.	R&D Lab. for Applied Product	Apparel and industrial functional textiles R&D		
			Asahi Kasei Corp.	Hipore Plant	Microporous membrane		
		Electronics	Asahi Kasei Corp.	Electronics Materials Plant Prod.Dept	Photosensitive polyimide		
			Asahi Kasei Corp.	Hipore R&D Dept.	Development of electronic and energy-related materials		
			Asahi-Schwebel Co., Ltd.	Moriyama Plant	Glass fabric		
		Others	Asahi Kasei Amidas Co., Ltd.	Moriyama Office	Contract work		
			Asahi Kasei Engineering Co., Ltd.	-	Development, design, installation, inspection, and maintenance of equipment and systems		
Asahi Kasei Engineering Co., Ltd.	-		Development, design, installation, inspection, and maintenance of equipment and systems				
Takashima	Material	Asahi Kasei Corp.	Aibano Branch	Metal cladding			
Higashiomi	Homes	Asahi Kasei Jyuko Co., Ltd.	Shiga Plant	Steel frames, roofing, insulation, opening panels			
Mie	Suzuka	Chemicals	Asahi Kasei Corp.	Suzuka Plant	Cling film, plastic foam and film		
			Suzuka Sun Business Co., Ltd.	-	Plastic processing		
		Sundic Inc.	Mie Plant	Polystyrene sheet			
		Asahi Kasei Corp.	Wakayama Plant	Acrylic latex			
Osaka	Osaka	Chemicals	Asahi Kasei Finechem Co., Ltd.	Osaka Plant	Specialty chemicals		
		Others	Asahi Kasei Advance Corp.	-	Trading company handling fibers, resins, chemicals, construction materials, etc. of Asahi Kasei		
Hyogo	Ono	Chemicals	Asahi Kasei Pax Corp.	Ono Plant	Molded plastic containers		
Okayama	Mizushima	Chemicals	Asahi Kasei Corp.	Monomers Prod. Dept. 1	Cyclohexanol, cyclohexane, cyclohexene, pyrolysis gasoline		
			Asahi Kasei Corp.	Monomers Prod. Dept. 2	Acrylonitrile, methacrylonitrile, acetonitrile, styrene, polycarbonatediol		
			Asahi Kasei Corp.	Polymers Prod. Dept. 2	High density polyethylene, low density polyethylene, polyacetal		
			Asahi Kasei Corp.	Polyolefins Development Dept.	R&D on polyolefins		
			Asahi Kasei Corp.	Tenac Dev. Dept.	R&D on polyacetal		
			Asahi Kasei Corp.	Power Supply Dept.	Utilities (electricity, steam, water)		
		R&D	Asahi Kasei Corp.	Chemistry & Chemical Process Lab.	Research on chemical processes and functional products		
			PS Japan Corp.	Mizushima Plant	Polystyrene		
		Others	Asahi Kasei Engineering Corp.	-	Development, design, installation, inspection, and maintenance of equipment and systems		
			Asahi Kasei AS Tech Co., Ltd.	-	Processing of polyethylene pipe		
Yamaguchi	Iwakuni	Construction Materials	Asahi Kasei Construction Materials Corp.	Iwakuni Plant	Autoclaved aerated concrete panels		
			Iwakuni Sun Products Co., Ltd.	-	Construction materials processing		
Fukuoka	Chikushino	Chemicals	Asahi Kasei Corp.	Chikushino Plant	Metal cladding		
Oita	Oita	Chemicals	Asahi Kasei Corp.	Oita Plant	Defense explosives		
			Japan Elastomer Co., Ltd.	Oita Plant	Synthetic rubber, elastomer		
		Health Care	Asahi Kasei Medical MT Corp.	Sepacell Plant	Leukocyte reduction filters		
			Asahi Kasei Medical MT Corp.	Planova Oita Plant	Virus removal filters		
			Asahi Kasei Medical MT Corp.	Dialysis Products Plant	Artificial kidneys and other medical devices		
			Asahi Kasei Medical MT Corp.	Therapeutic Apheresis Plant	Therapeutic apheresis devices		
Kumamoto	Amakusa	Fibers	Kyuasa Co., Ltd.	-	Stockings and innerwear		
	Yatsushiro	Others	Asahi Kasei Advance Corp.	Yatsushiro Chemical Center	Storage of caustic soda		
Miyazaki	Nobeoka/Hyuga	Chemicals	Asahi Kasei Corp.	Atago Plant	Nitric acid, caustic soda, chlorine, hydrochloric acid, vinylidene chloride resin and latex		
			Asahi Kasei Corp.	Electrolysis System Manufacturing Dept.	Electrolyzers for chlor-alkali		
			Asahi Kasei Corp.	Geolus Plant	Microcrystalline cellulose		
			Asahi Kasei Corp.	Leona Plastics & Materials Plant	AH salt, adipic acid, hexamethylenediamine, polyamide 66		
			Asahi Kasei Corp.	Fastening Prod. Planning & Tech. Dept.	Resin anchors		
			Asahi Kasei Corp.	Hyuga Chemicals Plant	Coating materials		
			Asahi Kasei Corp.	Nobeoka Power Supply Dept.	Utilities (electricity, steam, water)		
			Asahi Kasei New Port Terminal Co., Ltd.	-	Receiving and storage of fuel and feedstocks		
			Nobeoka Plastic Processing Co., Ltd.	-	Polyamide 66 compounding		
			Asahi Chemitech Co., Ltd.	-	Resin anchors, detonator housings/leads		
			Asahi Kasei NS Energy Corp.	-	Electricity and steam		
			Asahi Kasei Hydropower Technoservice Co., Ltd.	-	Operation and facilities management of hydropower plants		
			Asahi Kasei Finechem Co., Ltd.	Nobeoka Plant	Specialty chemicals		
			Asahi Kasei Finechem Co., Ltd.	Nobeoka Pharmaceuticals Plant	Bulk pharmaceuticals		
			Kayaku Japan Co., Ltd.	Tohmi Plant	Industrial explosives		
				Detonator Plant	Detonators		
		Health Care	Asahi Kasei Medical Co., Ltd.	Medical Tech. and Materials Lab.	R&D for medical materials		
			Asahi Kasei Medical MT Corp.	Okatomi Plant	Artificial kidneys and other medical devices		
		Fibers	Asahi Kasei Corp.	Planova Plant	Virus removal filters		
			Asahi Kasei Corp.	Leona Filament Plant	Nylon 66 filament		
			Asahi Kasei Corp.	Bemberg Plant	Cuprammonium rayon, nonwoven cellulose filament		
			Asahi Kasei Corp.	Nonwovens Plant	Artificial suede, melt-blown and spunlace nonwovens		
			Asahi Kasei Corp.	R&D Lab. for Fibers & Textiles Tech.	R&D for new fibers		
			Asahi Kasei Corp.	Eltas Plant	Spunbond		
			Asahi Kasei Fibers Nobeoka Co., Ltd.	-	Cellulosic filament, synthetic nonwovens		
			Asahi Kasei Leona Filament Co., Ltd.	-	Nylon 66 filament		
			Asahi Cord Co., Ltd.	-	Processing of nylon 66 filament		
			Asahiozu Corp.	-	Processing of nonwoven cellulosic filament		
		Electronics	Asahi Kasei Corp.	Hipore Hyuga Plant	Microporous membrane		
			Asahi Kasei Microdevices Corp.	Fab 1	Hall elements		
			Asahi Kasei Microdevices Corp.	Fab 2	LSIs		
			Asahi Kasei Electronics Co., Ltd.	Nobeoka Manufacturing	Magnetic sensors		
			Asahi Kasei Microsystems Co., Ltd.	Nobeoka Manufacturing	LSIs		
			Asahi Kasei Technosystem Co., Ltd.	Nobeoka Plant	Plant diagnostic and environmental surveillance devices		
			Asahi Kasei EMS Co., Ltd.	Nobeoka Plant	Pellicles		
			Asahi Kasei Office One Co., Ltd.	-	Utilization of Asahi Kasei Group assets, subcontracting		
			New Asahi Services Co., Ltd.	-	Insurance agency, cellular phone sales, bowling alley		
			Asahi Kasei Engineering Corp.	-	Development, design, installation, inspection, and maintenance of equipment and systems		
		Others	Toyo Kensa Center Co., Ltd.	Nobeoka Office	Measurement, evaluation, analysis		
			Asahi Kasei Benefits Management Corp.	-	Company housing, recreational facilities		
			Asahi Kasei Ability Corp.	-	Printing, bookbinding, and office work		
			Asahi Kasei Networks Corp.	-	IT-related business		
			Cable Media Waiwai Co., Ltd.	-	Cable TV		
			Asahi Kasei Advance Corp.	South Kyushu Office	Sale of pharmaceuticals (reagents)		
			Asahi Kasei Corp.	Fibers & Textiles Tech. Ctr.	R&D for fibers & textiles		
			Asahi Kasei Advance Corp.	Miyazaki Chemical Center	Repackaging sodium hypochlorite and PAC		
			Miyazaki	Others	Asahi Kasei Advance Corp.	Miyazaki Chemical Center	Repackaging sodium hypochlorite and PAC

[Overseas]

Regions	Countries/Cities	Business category	Company	Main products/business line	
Americas	USA	-	Asahi Kasei America, Inc. Asahi-Kasei Holdings US, Inc.	Business support services Holding company of ZOLL Medical Corporation	
		Chemicals	Asahi Kasei Plastics North America, Inc. Asahi Kasei Plastics America, Inc. Asahi Kasei Asaclean Americas, Inc.	Coloring and compounding of performance resin Compounded performance resin operations Sale of purging compound	
			Electronics	Crystak IS, Inc. AKM Semi Conductor, Inc.	Development of aluminum nitride substrates and UVC LEDs Sale of LSIs
				Homes	Asahi Kasei Homes North America, Inc.
		Health Care	Asahi Kasei Bioprocess America, Inc.	Bioprocess equipment and systems	
		Mexico	Chemicals	Asahi Kasei Plastics Mexico S.A. de C.V.	Sale of performance plastic compounds
	Asia/Oceania	Korea	Chemicals	Tongsuh Petrochemical Corp., Ltd. Asahi Kasei Chemicals Korea Co., Ltd.	Acrylonitrile, sodium cyanide, acrylamide, EDTA Sale of adipic acid
			Electronics	Asahi Kasei E-materials Korea Inc. Asahi Kasei Microdevices Korea Corp.	Lithium-ion battery separator Electronic devices marketing and technical support
		Taiwan		Fibers	Formosa Asahi Spandex Co., Ltd.
			Electronics	Asahi Kasei Wah Lee Hi-Tech Corp. Asahi-Schwebel (Taiwan) Co., Ltd. Asahi Kasei EMD Taiwan Corp.	Photosensitive dry film Glass cloth Sale of electronic materials
Hangzhou				Chemicals	Asahi Kasei Microza (Hangzhou) Co., Ltd.
		Fibers	Hangzhou Asahikasei Spandex Co., Ltd. Hangzhou Asahikasei Textiles Co., Ltd.	Spandex Warp-knit spandex textiles	
			Health Care	Asahi Kasei Medical (Hangzhou) Co., Ltd.	Hemodialyzers; sale of medical devices
Guangzhou		Chemicals	Asahi Kasei Plastics (Guangzhou) Co., Ltd.	Sale of performance resin	
Shanghai		-	Asahi Kasei (China) Co., Ltd.	Investment and business support services	
		Chemicals	Asahikasei Plastics (Shanghai) Co., Ltd. Asahi Kasei Performance Chemicals Corp.	Sale of performance resin HDI-based polyisocyanate, polycarbonatediol	
			Fibers	Asahi Kasei Advance (Shanghai) Co., Ltd.	Processing and sale of fibers and textiles
		Electronics	Asahi Kasei Microdevices (Shanghai) Co., Ltd.	Electronic devices marketing and technical support	
Changshu		Electronics	Asahi Kasei Electronics Materials (Changshu) Co., Ltd.	Photosensitive dry film	
Suzhou		Chemicals	Asahikasei (Suzhou) Plastics Compound Co., Ltd.	Coloring and compounding of performance resin	
		Electronics	Asahi Kasei Electronics Materials (Suzhou) Co., Ltd.	Photosensitive dry film	
Zhangjiagang		Chemicals	Asahi Kasei POM (Zhangjiagang) Co., Ltd.	Polyacetal	
		Health Care	Asahi Kasei Tranfusion Technology Co., Ltd.	Medical devices	
Beijing		Health Care	Asahi Kasei Pharma (Beijing) Co., Ltd.	Regulatory affairs and business support in China	
Hong Kong		Chemicals	Asahi Kasei Plastics (Hong Kong) Co., Ltd.	Sale of performance resin	
		Fibers	Asahi Kasei Fibers (H.K.) Ltd.	Promotion and marketing of fibers and textiles	
Vietnam		Chemicals	Asahi Kasei Plastics Vietnam Co., Ltd.	Analysis and development of performance plastic parts using CAE technology	
		Homes	Asahikasei Jyuko Vietnam Corp.	Steel-frame members	
Thailand		Chemicals	PTT Asahi Chemical Co. Ltd. Asahi Kasei Plastics (Thailand) Co., Ltd.	Acrylonitrile, methyl methacrylate, etc. Coloring and compounding of performance resin	
			Fibers	Asahi Kasei Spunbond (Thailand) Co., Ltd. Asahi Kasei Advance Thailand Co., Ltd. Thai Asahi Kasei Spandex Co., Ltd.	Spunbond nonwovens Processed yarn Spandex
		Singapore		Chemicals	Asahi Kasei Synthetic Rubber Singapore Pte. Ltd. Asahi Kasei Plastics Singapore Pte. Ltd. Polyxylenol Singapore Pte. Ltd.
			India	-	Asahi Kasei India Pvt. Ltd.
Australia		Homes	Asahi Kasei Homes Australia Pty.	Holding company of McDonald Jones Homes Group	
Europe		Sweden	Electronics	Senseair AB	Provision of sensing solutions; development, manufacture, and sale of gas sensor modules
		Germany	-	Asahi Kasei Europe GmbH	Business support services, sale of performance resin
			Fibers	Asahi Kasei Spandex Europe GmbH	Spandex
	Electronics		Asahi Kasei Microdevices Europe GmbH	Electronic devices marketing and technical support	
	Health Care		Asahi Kasei Medical Europe GmbH Asahi Kasei Bioprocess Deutschland	Sale of medical devices, medical systems Technical and sales support of bioprocess equipment	
		Belgium	Electronics	Asahi Photoproducts (Europe) SA/NV	Sale of photopolymer, printing-plate making systems
	Health Care		Asahi Kasei Bioprocess Europe SA/NV	Sale of virus removal filters	
	Italy	Fibers	Asahi Kasei Fibers Italia S.r.l.	Sale of cupro cellulosic fiber and nonwovens	
	United Kingdom	Electronics	Asahi Photoproducts (UK) Ltd.	Sale of photopolymer, printing-plate making systems	

FY2020 RC Objectives and Attainment

★★★Complete ★★Satisfactory ★Unsatisfactory

Common RC

FY2020 RC Objectives	FY2020 Results	Attainment	FY2021 RC Objectives
Develop human resources specializing in environmental safety	<ul style="list-style-type: none"> Strengthened environmental safety staff at the head office Started hiring and training future environmental safety personnel 	★★	Develop human resources specializing in environmental safety
Cultivate values of safety	<ul style="list-style-type: none"> Maintained safety culture fostering activities with awareness of rule compliance in each organization Started program of safety activities shared across the Asahi Kasei Group (Life Saving Actions) Conducted activities with new employee and career education as important issues 	★★	Advance Life Saving Actions program
Further concentrate on RC education	<ul style="list-style-type: none"> Held various RC training programs remotely Began e-learning for fundamental safe working procedures in office areas Started RC training in China 	★★	Further improvement of RC education
Support in improving each site (especially domestic independent factories and foreign factories)	<ul style="list-style-type: none"> Maintained support for China Conducted individual RC interviews 	★★	Support in improving each site (especially domestic independent factories and overseas factories)

Environment Conservation

FY2020 RC Objectives	FY2020 Results	Attainment	FY2021 RC Objectives
Maintain zero environmental accidents and serious environmental incidents Keep environment incidents (other than freon leaks) to 1 or less	<p>No environmental contamination accidents or serious incidents occurred.</p> <p>Zero environmental incidents occurred (other than freon leaks)</p> <p>Freon leaks: 24 incidents</p>	★★★	Maintain zero environmental accidents and serious environmental incidents Zero environment incidents (air, water quality, etc.)
Reduce industrial waste: <ul style="list-style-type: none"> Final disposal rate: 0.3% or less Final disposal rate (except for homes and construction materials business): 0.1% or less Waste plastics consigned to landfill (by FY2021): zero 	<p>Goal reached with final disposal rate of 0.1%.</p> <p>Goal reached with final disposal rate (except for homes and construction materials businesses) of 0.1% or less</p> <p>Waste plastics consigned to landfill: 0 tons</p>	★★★	Reduce industrial waste: <ul style="list-style-type: none"> Final disposal rate: 0.3% or less Final disposal rate (except for homes and construction materials businesses): 0.1% or less Waste plastics consigned to landfill (by FY2021): zero
Promote preservation of biodiversity <ul style="list-style-type: none"> Expand the "Town Woods" program to all domestic sites (by FY2021) Earn total "Town Woods" points (MMP) of 1800MMP 	<ul style="list-style-type: none"> Implemented the "Town Woods" program at all 41 domestic sites Earned total "Town Woods" points (MMP) of 1934MMP 	★★★	Promote preservation of biodiversity <ul style="list-style-type: none"> Expand the "Town Woods" program to all domestic sites (by FY2021) Earn total "Town Woods" points (MMP) of 2600MMP

Global Environmental Countermeasures

FY2020 RC Objectives	FY2020 Results	Attainment	FY2021 RC Objectives
2030: compared to 2013 Improve GHG emission intensity by 35%	2020 results: compared to 2013 Improved GHG emission intensity by 31%.	★★★	2050: Goal of carbon neutral (net zero emissions) 2030: Reduce GHG emissions by 30% or more (compared to FY2013)
Specific energy consumption Improve rate of average of the past 5 years: 1% improvement	2020 results (Improve rate of average of the past 5 years): improved 3.5%	★★★	Specific energy consumption Improve rate of average of the past 5 years: 1% improvement

Operational Safety

FY2020 RC Objectives	FY2020 Results	Attainment	FY2021 RC Objectives
Maintain a record of zero serious industrial incidents	2 serious industrial incidents occurred.	★	Maintain a record of zero serious industrial incidents
Maintain a record of zero industrial incidents	1 industrial accident occurred.	★	Maintain a record of zero industrial incidents
Industrial incident intensity of 0.5 or less (average)	Industrial incident intensity: 2.05	★	Industrial incident intensity of 0.5 or less (average)

Workplace Safety and Hygiene

FY2020 RC Objectives	FY2020 Results	Attainment	FY2021 RC Objectives
No serious workplace injuries (*1)	1 serious workplace injury occurred.	★	Zero deaths/lasting injuries
The numerical targets are as follows, assuming zero serious occupational accidents			The numerical targets for lost time injuries other than the above are as follows
Domestic employees: Achieve rate of lost-worktime injuries of 0.1 or less	Domestic employees: <ul style="list-style-type: none"> The rate of lost-worktime injuries was 0.21 	★	Domestic employees: Achieve rate of lost-worktime injuries of 0.1 or less
Achieve severity rate of lost-worktime injuries of 0.005 or less	<ul style="list-style-type: none"> The severity rate of lost-worktime injuries was 0.006 	★★	Achieve severity rate of lost-worktime injuries of 0.005 or less
Overseas employees: Achieve severity rate of lost-worktime injuries of 1.0 or less	Overseas employees: <ul style="list-style-type: none"> The rate of lost-worktime injuries was 1.93 	★	Overseas employees: Achieve severity rate of lost-worktime injuries of 0.9 or less

(*1) Accidental deaths and injuries resulting in permanent damage