

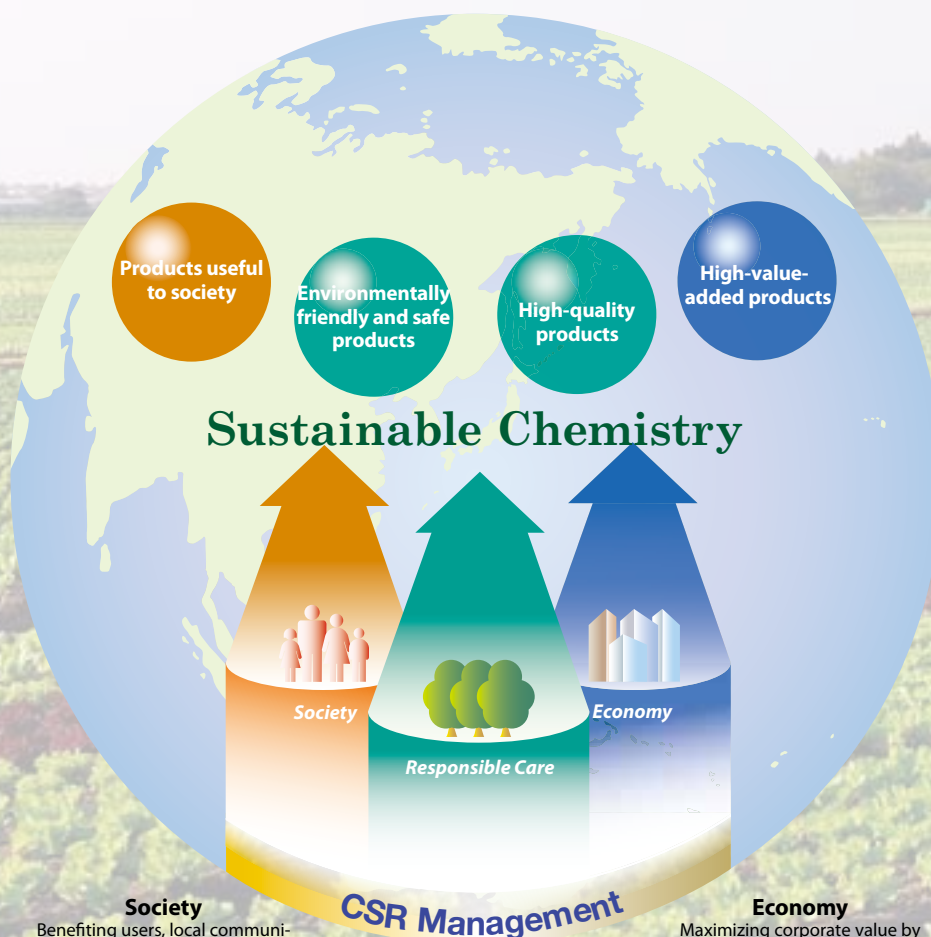


Creative Hybrid Chemistry
For a Better Tomorrow

SUMITOMO CHEMICAL
CSR HIGHLIGHTS 2011

Sumitomo Chemical Contributes to the Sustainable Development of Society through “Sustainable Chemistry” Built on its CSR-Based Management

“Sustainable Chemistry” represents the concept of continuously providing useful products and services in an environmentally and socially friendly manner by exploiting the full potential of chemistry. Sumitomo Chemical will practice “Sustainable Chemistry” built on its CSR-based management to achieve a balance among the three areas of “economy,” “responsible care (RC),” and “society” in all aspect of its business.



Society
Benefiting users, local communities, and the world while abiding by the rules of society

Responsible Care
(safety, environment, health, product quality)
Eliminating accidents and disasters, protecting the environment by most effectively using natural resources and energy, producing safe products, and protecting the health of customers and employees

Economy
Maximizing corporate value by continually providing better products

CSR HIGHLIGHTS 2011

Contents

- 4** Message from Chairman and President _____
- 6** Sumitomo Chemical's Origin and Corporate Philosophy _____
- 8** Company Profile _____
- 10** Products _____
- 12** Feature1—For a Brighter Future by the Power of Chemistry
- 18** Feature2—Supporting the Future of Japanese Agriculture
- 24** Topics —Support for the Victims of the Great East Japan Earthquake and Future Measures
- 26** Topics of Activities

This booklet introduces the major CSR activities conducted by Sumitomo Chemical in fiscal 2010. For details, including information on other CSR activities and numerical data, please refer to the CSR Report 2011.



● CSR Report 2011

You can access the report on the following website:

URL: <http://www.sumitomo-chem.co.jp/english/csr/report/>

Message from Chairman and President

Contributing to the Sustainable Development of Society with the Power of Chemistry



Hiomasa Yonekura, Chairman

Masakazu Tokura, President

Hiomasa Yonekura
Chairman of Sumitomo Chemical Co., Ltd.

米倉弘昌

Masakazu Tokura
President of Sumitomo Chemical Co., Ltd.

十倉雅和

The Great East Japan Earthquake that struck on March 11 caused considerable widespread damage in Japan, particularly in the Tohoku region. As the country faces its most serious crisis since the end of the Second World War, Japanese citizens must work together now to help the affected areas recover from the disaster as soon as possible and to build a robust, vibrant new Japan.

“Our business must benefit society, not just our interests.” This is a principle of the Sumitomo family’s business philosophy, which forms the core of Sumitomo Chemical’s corporate values. Sumitomo Chemical’s history dates back to 1913, when the House of Sumitomo established a fertilizer manufacturing plant to solve an environmental problem and help increase agricultural productivity by producing fertilizers using harmful emissions from copper smelting operations. The Company, thus created, has in its “corporate DNA” the conviction that the essence of corporate social responsibility (CSR) is to contribute to the sustainable development of society through business activities.

Since the March 11 earthquake and tsunami, Sumitomo Chemical has been implementing various initiatives to support the affected areas, such as financial contributions,

donations of relief supplies, and bazaars to sell agricultural products, seafood, and processed food made in the disaster-stricken Tohoku and Kanto regions. Through these support efforts and our global business operations, we at the Sumitomo Chemical Group will strive to contribute to Japan’s recovery from the disaster as well as to the strong and sustainable growth of the Japanese economy.

Responsible Care (RC) – a commitment to ensure safety, protect the environment and human health, and maintain high product quality throughout the life cycles of our products, from development to manufacturing and sale to use and disposal – is a central pillar of our CSR activities. In order to promote product safety, we have been stepping up efforts to gather safety information on chemical substances and to achieve more effective management of the information. In addition, we have been working to assess and manage the risks of our products throughout their life cycles, from production to disposal, capitalizing on the wealth of knowledge we have accumulated on safety assessment and utilizing the most advanced scientific technologies in the field. At the same time, we are committed to addressing the pressing global problems related to resources, energy and

the environment, with a particular focus on the issue of climate change. We are working to reduce our environmental footprint by improving our manufacturing processes and developing innovative new products, with the goals of achieving the world's highest energy efficiency in the production of our major products and developing processes and products that help reduce CO₂ emissions. In order to quantify the effects of these initiatives, we have formulated internal guidelines to calculate the amount of CO₂ emission reductions resulting from the use of our products based on the life cycle assessment (LCA), a method for assessing the environmental impact of a product throughout its life cycle. Moreover, we have built a system for monitoring the amount of our own CO₂ emissions on a monthly basis, which enables more effective emissions management. Through these measures, Sumitomo Chemical will continue to help promote more efficient and effective solutions to global warming.

As part of its CSR activities, Sumitomo Chemical has been implementing various social action projects, the centerpiece of which is the effort to support Africa by working on the prevention of malaria. Malaria is an infectious disease transmitted by Anopheles mosquitoes and is one of the major factors that hinder Africa's development. In the Millennium Development Goals (MDGs), the United Nations defines malaria control as one of the most pressing challenges facing human society.

The OLYSET™ Net, a special insecticidal mosquito net developed by Sumitomo Chemical, is attracting attention from the international community as a highly effective means to control malaria. According to a survey conducted by Millennium Promise, a U.S.-based NPO working on malarial control, malaria infection rates substantially decreased in the village of Sauri in Kenya as a result of using the OLYSET™ Net. At present, Sumitomo Chemical has production facilities for the OLYSET™ Net in Tanzania, Vietnam, and China, with a total annual capacity of 60 million nets. In our operations in Tanzania, we are cooperating with a local mosquito net manufacturer and employing approximately 7,000 people, thereby contributing to the development of the local economy.

Sumitomo Chemical has also been donating the OLYSET™ Net to African countries as well as to countries across the world affected by natural disasters, such as earthquakes and tsunamis, by partnering with Millennium Promise and other NGOs and international organizations. In addition, we

have been supporting education in Africa by donating a portion of the revenues from our OLYSET™ Net business to help NGOs construct schools and other related facilities in the region. We will continue our efforts on various fronts to support the sustainable development of Africa.

Since 2005, Sumitomo Chemical has been participating in the United Nations Global Compact, an initiative for businesses to contribute directly to solving global issues based on ten defined principles for corporate behavior in the areas of human rights, labor standards, the environment, and anti-corruption. In January 2011, the United Nations launched a new framework called "UN Global Compact LEAD" to put into action the vision developed in the UN Global Compact, and Sumitomo Chemical became one of its 54 initial corporate members. We will continue to work closely together with the international community to address global problems.

The United Nations celebrates the International Year of Chemistry in 2011 (IYC2011), which falls on the 100th anniversary of Marie Curie winning the Nobel Prize in Chemistry. Under the theme of "Chemistry – our life, our future," various commemorations will be held across the world to increase the public's understanding of chemistry, promote interest in chemistry on the part of young people, and express hope for the further development of chemistry. Chemistry is a creative science, and it will play an increasingly important role as a driving force for innovation.

Sumitomo Chemical has been pursuing "Creative Hybrid Chemistry," a commitment and strategy to develop new technologies and products by combining, across disciplines, a variety of outstanding technologies and expertise in a broad range of fields that it has accumulated as a diversified chemical company. By taking full advantage of the creative power of chemistry and sustaining technological innovation, we will continue working to contribute to bettering the lives of people across the world and meeting pressing global challenges, such as issues relating to energy resources, climate change, and the building of a low carbon society. We will also remain firmly committed to promoting CSR activities as a member of the international community in close cooperation with our customers, business partners, shareholders, employees, local communities, international organizations, such as the United Nations, and NGOs. We would greatly appreciate your continued support and cooperation.

The Roots and Corporate Philosophy of Sumitomo Chemical

Guided by the never-fading words of its predecessors, Sumitomo Chemical will continue to be a reliable and sustainable company that never stops growing.

Born with a dual mission—to address the environmental problems and to contribute to the development of agriculture

The origin of Sumitomo Chemical dates back about 400 years to the Edo Period when Masatomo Sumitomo, the founder of Sumitomo, established a book and medicine shop in Kyoto.

Sumitomo expanded its business to include copper smelting, and saw tremendous growth when in 1691 the Besshi Copper Mine was opened in the Shikoku region. The mine weathered the chaos caused by the Meiji Restoration, and dramatically increased its production output.

However, while copper production was boosted, the mine's emission gases became a social problem. Since the copper ore contained about 40% sulfur, sulfur dioxide gas was emitted during the smelting process, which seriously damaged crops and forests in the surrounding area. In the face of this difficult challenge, the House of Sumitomo decided to move the smelting facilities to an uninhabited island called Shisaka, 20km off the coast of Niihama. The move cost him 800,000 yen, the equivalent of the annual output of the Besshi Copper Mine. Even with the cutting-edge smelting technology available at the time, the move did not produce a satisfactory solution and the damage was all the more aggravated.

“Sumitomo will construct facilities to remove emissions at any cost. I am determined to do it even if the cost exceeds the compensation fees”; (Masaya Suzuki, third Director General of Sumitomo). With this strong commitment, Sumitomo worked feverishly on research and development to explore a solution and finally decided to construct a new plant specializing in the production of fertilizers (calcium superphosphate) from sulfur dioxide in 1913.

The plant had a dual mission—to address the environmental problems by achieving zero emissions and to contribute to the development of agriculture by providing farmers with affordable fertilizers. This fertilizer plant marks the very beginning of Sumitomo Chemical's business.



Warehouse of the fertilizer plant



Fertilizer plant
(1917, when the phase 1 plan was completed)



The Sumitomo Spirit and Sumitomo Chemical's Corporate Philosophy

For 400 years since the House of Sumitomo started business, the **Sumitomo Spirit** has been underlying—as Sumitomo's DNA—all activities conducted by Sumitomo Chemical and other Sumitomo Group companies.

The source of the Sumitomo Spirit is *Monjuin Shiigaki* or the Founder's Precepts, written by Masatomo Sumitomo, which lay out the founder's business philosophy, including the importance of honesty, prudence, and sound management. The Sumitomo Spirit is most concisely defined in **Sumitomo's Business Principles**, established in 1891, which consist of two articles: **Article 1: Sumitomo shall achieve prosperity based on a solid foundation by placing prime importance on integrity and sound management in the conduct of its business; Article 2: Sumitomo's business interest must always be in harmony with public interest; Sumitomo shall adapt to good times and bad times but will not pursue any immoral business.** These pledges reflect the importance of maintaining the trust of the Company's business partners and of society as a whole, and call for refraining from the pursuit of easy gains—conducting thorough investigations and giving serious thought to business decisions so as not to be blinded by the prospect of immediate gains.

While not expressly stated, there is also another fundamental concept that has been passed down through generations at Sumitomo Group companies: **"Harmony between the individual, the nation, and society."** This concept expresses the Company's basic stance to seek to benefit not only its own business, but also both the nation and society, as well as the Company's emphasis on maintaining harmony between its interests and those of the public.

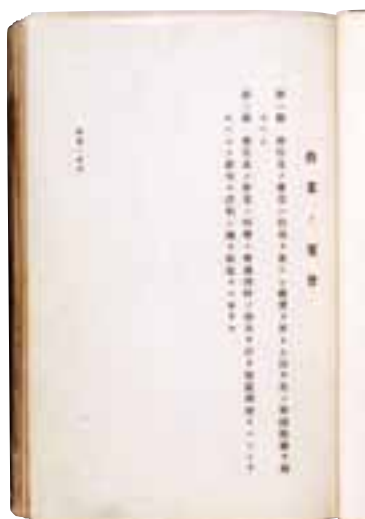
As the Company's business becomes globalized, in recent years the number of non-Japanese employees has been increasing at Sumitomo Chemical, and employees' cultures and values have been diversified. To clarify the common future direction of all employees in this increasingly globalized environment, Sumitomo Chemical formulated its **Business Philosophy** as follows based on the Sumitomo Spirit:

1. We commit ourselves to creating new value by building on innovation.
2. We work to contribute to society through our business activities.
3. We develop a vibrant corporate culture and continue to be a company that society can trust.

The Company also laid out the **Corporate Statement** with the aim of enhancing its value and image. This statement was developed through discussions among employees regarding the "pride" and "commitment" that employees are expected to maintain in the future and what employees need to enhance and value. Based on how the Company has contributed to society throughout its history until today, the statement declares that, for the future, **"we will create new value beyond the boundaries of chemistry by combining a variety of ideas, views and technologies. We will also continue to take up the challenges facing the globe, from meeting basic needs, to protecting the environment, to addressing the issues of adequate supplies of food, energy, and other resources."**

All these beliefs expressed in this Corporate Statement were then encapsulated into a simple phrase as the **Corporate Slogan: "Creative Hybrid Chemistry For a Better Tomorrow."**

While respecting its history and tradition, Sumitomo Chemical will actively adopt new cultures and values to make great strides forward as a global company.



Sumitomo's Business Principles

Company Profile

Name	Sumitomo Chemical Co., Ltd.	
Head Office	(Tokyo) Tokyo Sumitomo Twin Building (East) 27-1, Shinkawa 2-chome, Chuo-ku, Tokyo 104-8260, Japan (Osaka) Sumitomo Building 5-33, Kitahama 4-chome, Chuo-ku, Osaka 541-8550, Japan	
Founding	September 22, 1913	
Start of business operations	October 4, 1915	
Incorporation	June 1, 1925	
Capital	89,699 million yen	
Consolidated net sales	1982.4 billion yen	
Number of consolidated subsidiaries	181	
Number of employees	29,382	(As of March 31, 2011)

Business Sectors

Basic Chemicals Sector

Inorganic chemicals, raw materials for synthetic fibers, organic chemicals, methyl methacrylate (MMA), alumina product, aluminum, rubber chemicals, polymer additives, etc.



Alumina powder and products made from alumina

Petrochemicals & Plastics Sector

Petrochemical products, synthetic resins, synthetic rubber, synthetic resin processed products, etc.



Containers and wrapping films made from polyethylene

IT-related Chemicals Sector

Optical products, color filters, semiconductor processing materials, electronic materials, compound semiconductor materials, battery materials, etc.



Polarizing film indispensable for LCD TVs

Health & Crop Sciences Sector

Agricultural chemicals, fertilizers, agricultural materials, household and public hygiene insecticides, materials for the prevention of tropical infections, feed additives, active pharmaceutical ingredients and intermediates, etc.



Agricultural pesticides for various crops

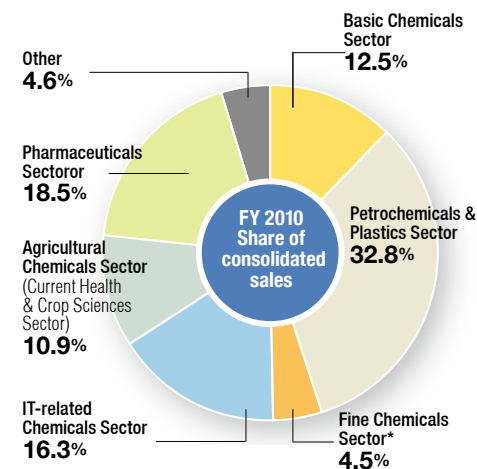
Pharmaceuticals Sector

Ethical pharmaceuticals, diagnostic radiopharmaceuticals, etc.



Pharmaceuticals manufactured by Dainippon Sumitomo Pharma Co., Ltd.

Share of Sales by Business Sector



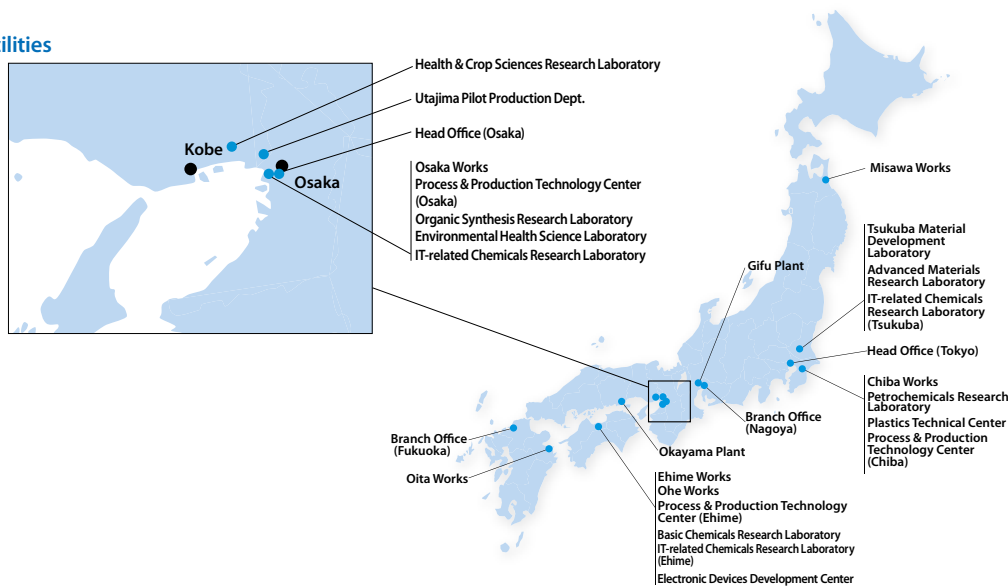
*The business of the Fine Chemicals Sector was transferred to the Basic Chemicals Sector and the Health & Crop Sciences Sector in April 2011.

Business Locations

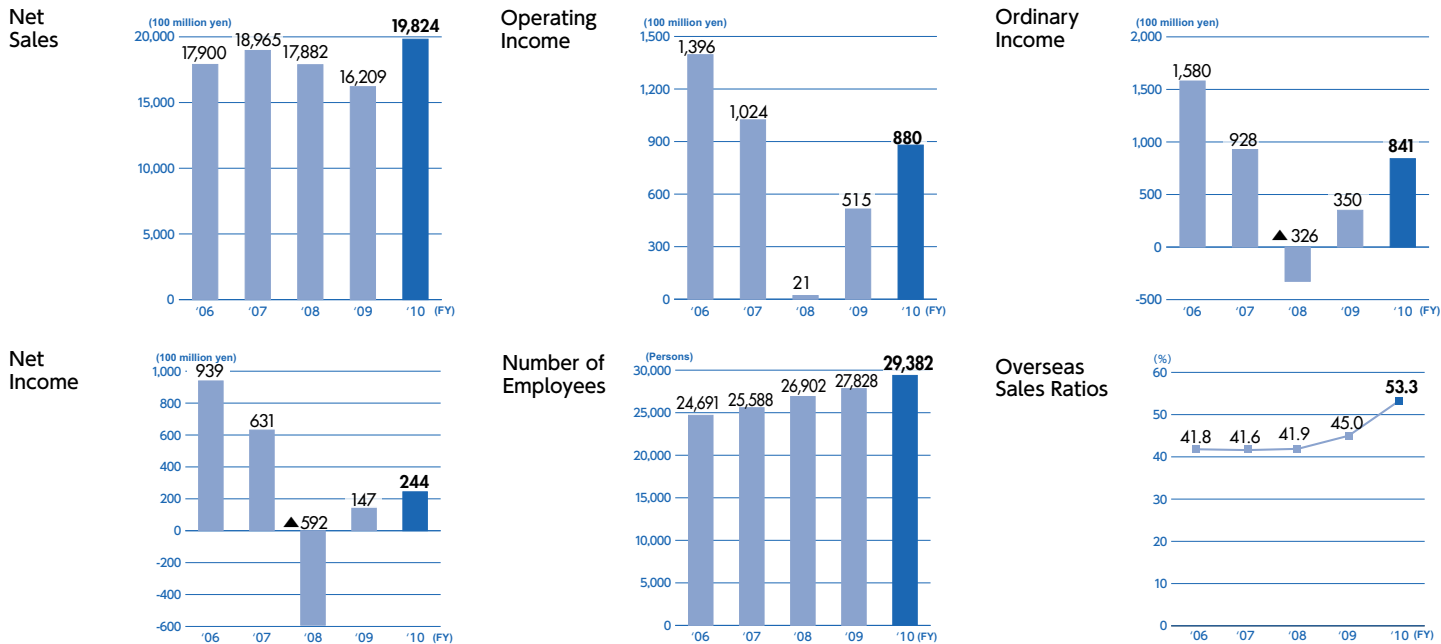
Overseas Facilities



Domestic Facilities



Business Performance

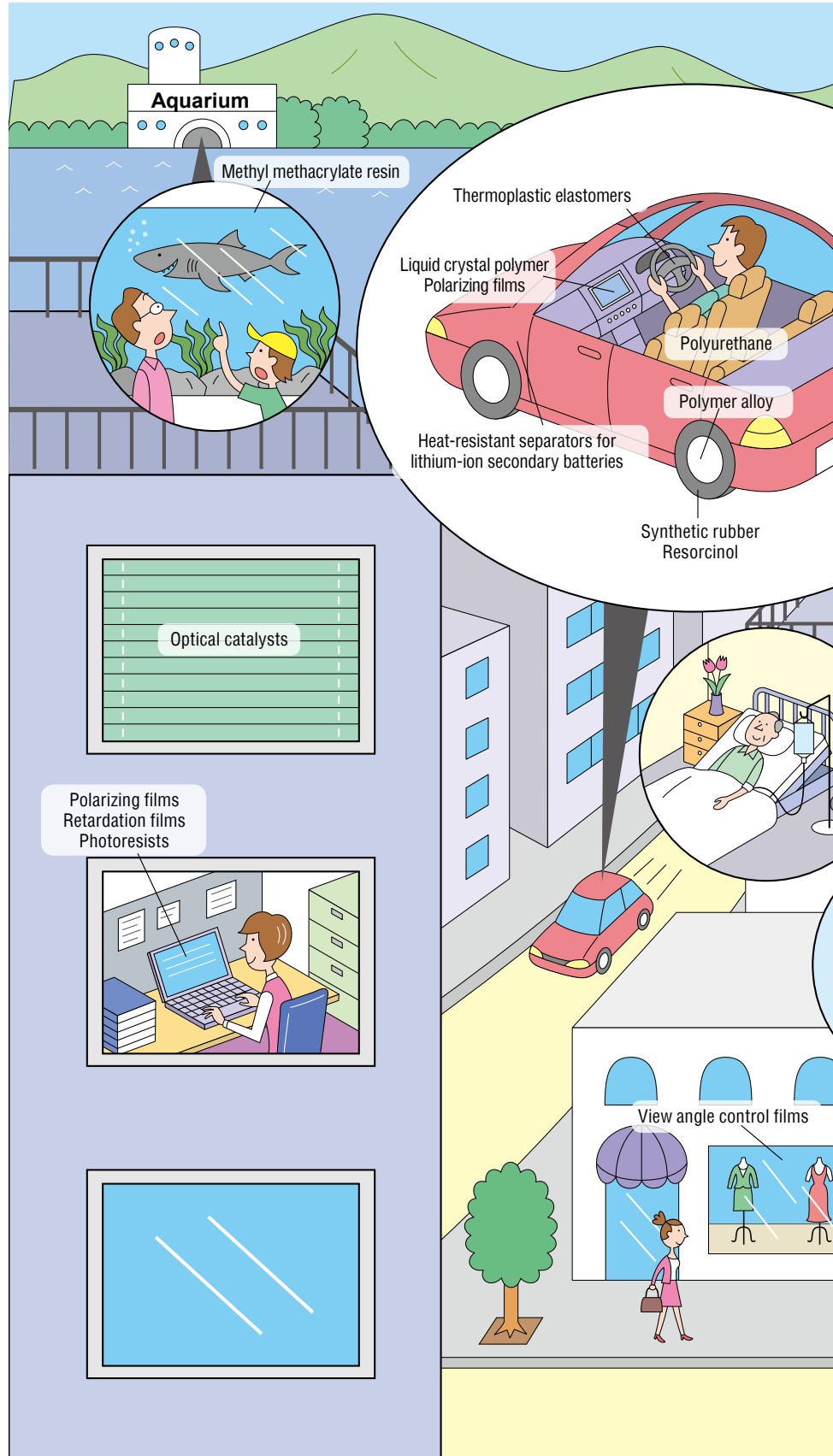


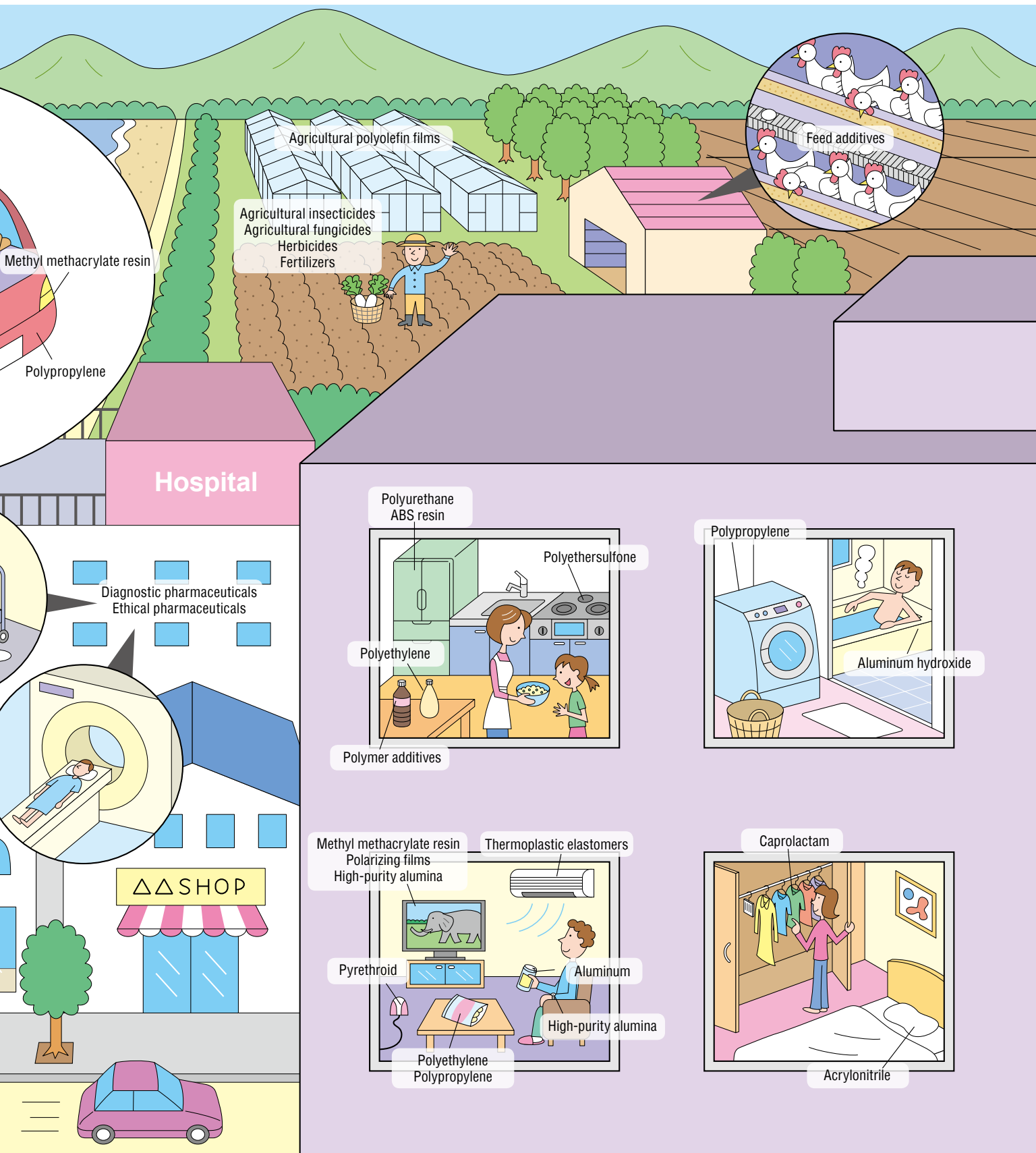
Products

Sumitomo Chemical's technologies and products play essential roles in society

Sumitomo Chemical's technologies and products are utilized in a wide spectrum of areas, including automobiles, information technology, medical care, agriculture, and everyday living.

Through its business activities, Sumitomo Chemical works hard to realize more comfortable lives for people the world over and plays an important role in solving energy, global environment, and various other global problems.







For a Brighter Future by the Power of Chemistry

Sumitomo Chemical's technologies and products that create a better tomorrow

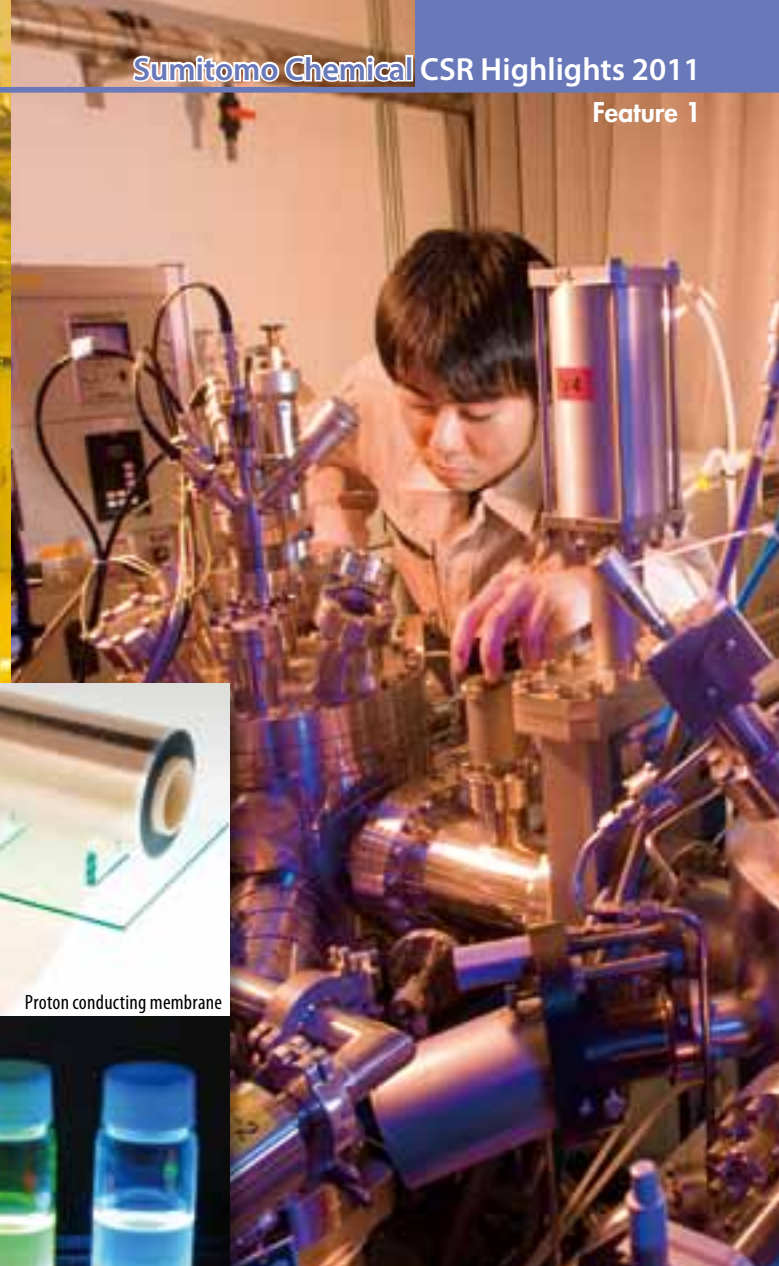
The chemical industry has been playing an essential role in enriching people's lives by providing a variety of materials and products to other industries and society at large. Chemistry is also becoming increasingly important as a means of solving various problems that humankind is facing, such as those concerning the global environment and resources/energy.

This feature article portrays Sumitomo Chemical's strong commitment to developing technologies and products that will contribute to a brighter future where people live in an affluent and pleasant environment.

**For the well-being of all people
—The Sumitomo Spirit, the foundation of
technology and product development**

The principle that underlies all business activities of Sumitomo Chemical is the concept of "harmony between the individual, the nation, and society." This is the essence of the Sumitomo Spirit, which manifests Sumitomo's determination to benefit not only its own business but also society.

Sumitomo Chemical, established about 100 years ago with the aim of overcoming environmental problem of air pollution and increasing agricultural production, has ever since expanded its business areas and grown as a diversified chemical company. However, no matter how large it has grown, the Company has never lost its original spirit of contributing to the



Proton conducting membrane



Organic light-emitting materials

sustainable development of society through its business activities.

In addition, the way that Sumitomo Chemical conducts R&D is most concisely expressed in the phrase “Creative Hybrid Chemistry.” The phrase represents our R&D concept of bringing together various technologies fostered over a long period to develop higher value-added technologies and products.

Based on its spirit and unique R&D concept, Sumitomo Chemical will continue to contribute to the sustainable development of society.

Staying on the leading edge in the areas of the environment and energy

The global environment, resources/energy, and other global

problems are an urgent issue that the international community needs to tackle through concerted efforts. Sumitomo Chemical is striving to reduce its environmental impact by offering innovative products that are effective in decreasing energy consumption at work sites and households, as well as by introducing energy-efficient production processes.

Sumitomo Chemical will continue to support the international community in their efforts to resolve problems through its global business activities and innovative technologies.

This feature article introduces leading-edge technologies and products that Sumitomo Chemical is currently developing for the benefit of the Earth and its people, under the four themes: “Everyday living,” “Automobiles,” “Food,” and “Support for Africa.”

Realizing a More Comfortable Eco-Friendly Life

Sumitomo Chemical's technologies that open up the future of electronics and renewable energy

Introducing advanced eco-friendly features to people's everyday lives without sacrificing the comfort of modern lifestyles—this is the kind of eco-friendly life that Sumitomo Chemical aspires to realize.

One example is liquid crystal display (LCD) TVs, which require high functionality to achieve a higher level of energy saving and visual acuity. Sumitomo Chemical's technologies are incorporated into essential components of the leading-edge light-emitting diode (LED) LCDs. We are also currently developing polymer organic light-emitting diodes (PLEDs) by bringing together a variety of our related proprietary technologies including those for polymer materials, thin film formation, and the design and synthesis of organic compounds. PLEDs are attracting attention as components for next-generation displays that consume less power and have less environmental impact in many ways than LCDs.



- ① Edge-light type LED light (SUMILOOK™)
- ② Polymer organic light-emitting diode (PLED) light
- ③ Materials for LCDs
 - Light guided plate, Diffuser plate, Polarizing film,
 - Alumina (heat radiation material, material for liquid crystal glass),
 - High-purity alumina (LED sapphire substrate)
- ④ PLED display
- ⑤ Organic thin film solar cell
- ⑥ Visible light driven photocatalyst (iLUMiO™)
- ⑦ Easy Processing Polyethylene (EPPE)

For lighting, while LEDs are receiving a large amount of attention for their energy-saving effects, we have developed the SUMILOOK™ “gentle-to-the-eyes” edge-light type LED light by utilizing technologies that we have built up through the development of our resin products and LCDs, further promoting the spread of LED lighting. At the same time, we are also working to commercialize PLED lighting, next-generation lighting with higher luminous efficacy than that of LED lighting where the entire surface emits light.

We are also striving to make our resin products more robust, thinner, and more eco-friendly. The Easy Processing Polyethylene (EPPE), which is used in diverse applications, such as chopping boards and food package films, is thin yet tough, contributing significantly to the reduction of energy consumption at processing factories as well as to resource conservation.

Furthermore, Sumitomo Chemical is accelerating the development of other products that will realize a more comfortable eco-friendly life, such as a next generation solar cell and the iLUMiO™ visible light driven photocatalyst, which is activated even under room light to provide deodorization, antibacterial, and other effects.

topic

A next-generation solar cell that can be attached to a window

The main material of solar cells, which have begun to be used worldwide, is silicon. Sumitomo Chemical is currently developing organic thin film solar cells made from organic compounds by utilizing technologies accumulated through the development of organic light-emitting diodes. Compared with conventional silicon-based solar cells, these cells are thinner and lighter, and require less energy for manufacture and installation. In addition, they can be of any color due to their transparency, and also are flexible enough to take any form. They can be folded to compact, easy-to-



carry sizes, and are used in a wide variety of applications such as charging mobile phones and PCs.

Although the solar cells have already achieved some of the highest energy conversion efficiency in the industry, we will continue to increase their performance with a view to commercializing them in the near future after demonstration tests.

Enhancing the Eco-Friendliness and Energy Efficiency of Automobiles

Sumitomo Chemical's technologies are designed to enhance environmental performance and support the development of next-generation eco-friendly vehicles in a multifaceted way

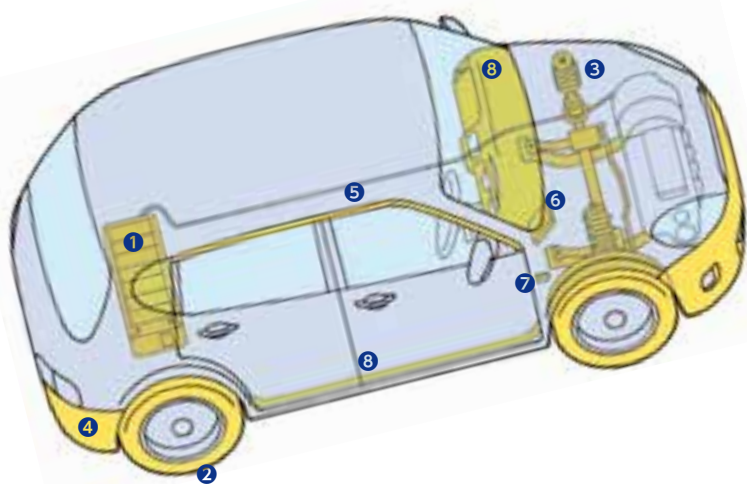
Automobiles are an indispensable means of transportation for people and the distribution of goods. Sumitomo Chemical is meeting the challenges in not only ensuring the comfort and safety of automobiles but also enhancing their environmental performance, such as the reduction of fuel consumption and CO₂ emissions. We are also supporting the development of next-generation eco-friendly vehicles through refining the performance of existing materials and by developing new ones.

To develop and further popularize hybrid vehicles and electric vehicles, which are attracting attention as the next-generation eco-friendly vehicles, high-performance batteries play a crucial role. Sumitomo Chemical is fully exploiting its advanced technological resources to develop automotive lithium-ion secondary

battery materials and contributing to the increased performance of these batteries. Our latest products—such as the Pervio™ separator with superior heat resistance compared with existing separators, the Enavio™ cathode material, made without using cobalt, a rare metal that is in short supply worldwide, and the binder for secondary battery electrodes with less environmental impact and excellent binding strength—have already received high acclaim. R&D is currently underway for several other materials as well.

Tires play a very important role in the automobiles' basic performance of running, stopping, and turning. Lowering rolling resistance of tires leads to improved fuel efficiency and reduced CO₂ emissions. Sumitomo Chemical's synthetic rubber SUMITOMO™ SBR realized both low rolling resistance and high road grip performance, improving the performance of eco-friendly tires.

In order to reduce the weight of the car body and thereby improve fuel efficiency, Sumitomo Chemical is developing light-weight yet high-strength metals and resins to make automobile parts lighter.



- ①Lithium-ion secondary battery materials
(Pervio™ heat-resistant separator, Enavio™ cathode material, binder for secondary battery electrodes)
- ②High-performance eco-friendly tire (SUMITOMO™ SBR)
- ③Suspension (high-purity aluminum)
- ④Exterior Parts (long organic fiber reinforced polypropylene)
- ⑤Decorative Parts (high-purity aluminum)
- ⑥Fuse box (Bond Fast)
- ⑦Relay (super engineering plastics)
- ⑧Interior Parts(Polylactic Acid-Based Eco-Friendly Plastic)

topic

Sumitomo Chemical's unique diesel particulate filter for the European market

Sumitomo Chemical has developed a diesel particulate filter (DPF) that can be attached to diesel-powered vehicles, and is planning to release it in the European market. In Europe, where the share of diesel-powered vehicles, which are considered to be high in fuel efficiency and low in CO₂ emissions, is prominent, a new emissions regulation will be enforced in 2014 to make it mandatory to equip all diesel-engine vehicles with DPFs.

Sumitomo Chemical's aluminum titanate DPF is a very innovative product developed using its proprietary technologies cultivated in its inorganic materials business, such as alumina products. The DPF outperforms

conventional silicon carbide (SiC)-based DPFs particularly in terms of the amount of soot that can be continuously filtered. We are planning to release the product in the European market in 2013.



Enhancing a Rich and Safe Dietary Life

Supporting people's rich and safe dietary life is one of the most important missions of Sumitomo Chemical

For Sumitomo Chemical, established originally as a fertilizer plant by the House of Sumitomo in 1913, the Crop Sciences business is one of its core businesses, and supporting people's rich and safe dietary life is regarded as one of its most important missions.

One example of activities conducted with our Crop Sciences business group companies is the total solution provider initiative designed to offer comprehensive support to farmers (See Feature 2). Under this initiative, we offer not only agro-related products and services, but also knowhow for producing high-value-added agricultural products, as well as techniques and materials required to realize environment-friendly agriculture in order to support farmers in every possible aspect.

Furthermore, Sumitomo Chemical has been promoting production of methionine in recent years as the only manufacturer



Methionine

of this feed additive in Asia. Methionine is a product expected to play a key role in solving the global food problem.

The food problem is becoming increasingly serious due to the expanding global population and the spread of meat-eating habits in developing and emerging countries where economies are growing at a rapid pace. It is therefore an urgent matter to curb this food problem while promoting environment-friendly, sustainable development of the stock-raising industry. Methionine, which is often used as an additive for chicken and pig feed, reduces the amount of feed required per unit of meat produced and increases productivity. It has also been ascertained that methionine can optimize the nutritional balance of feed to reduce the amount of nitrogen in excrements of animals which causes pollution to soil and water, thereby also proving effective in terms of environmental conservation.

Through these activities, Sumitomo Chemical will continue to support efficient and sustainable agriculture and stock-raising.



voice

Pursuing new technologies and products from the medium- to long-term perspective



The Business Exploration & Development Group was established in 2010 as an organization in charge of coordinating technologies and businesses across sectors and group companies for the development of new materials in the areas of automobiles, the environment, energy, and information and communication technology (ICT).

Our job is to explore new technologies and products from the medium- to long-term perspective. We try to consider things from the standpoint of customers at all times in order to identify current and potential customer needs, and bridge between those needs and our own business seeds. In this way, we are playing our part to promote "Creative Hybrid Chemistry."



Eiji Imamura
Business Exploration &
Development Group
Corporate Planning &
Coordination Office

Saving Lives, and Supporting the Future of Africa

The Olyset™ Net, an insecticidal mosquito net that helps prevent the spread of malaria developed through “Creative Hybrid Chemistry”

Sumitomo Chemical plays a vital role in saving the lives of many children in the continent of Africa. Its product, the Olyset™ Net is an insecticidal mosquito net that helps prevent the spread of malaria, an infectious disease that is claiming the lives of 800,000 people in Africa each year. Most of the victims are children under the age of five living in the Sub-Saharan region.

Malaria, which is said to be taking the life of one child every 30 seconds, is caused by a parasite carried by the Anopheles mosquito. The fibers of Olyset™ Net are made from polyethylene resin kneaded together with an insecticide, providing excellent insecticidal efficacy. Because it is designed in such a way that the insecticide is gradually released to the surface of the netting fibers, the insecticidal efficacy is retained for five years



Photograph © M. Hallahan/Sumitomo Chemical



Olyset™ Net

or longer—even with repeated washing. For this reason, the net became the world’s first “long-lasting insecticidal net” recommended by the World Health Organization (WHO) in 2001.

The manufacturing technology of the Olyset™ Net, developed through “Creative Hybrid Chemistry,” a combination of our proprietary technologies in the two separate fields of insecticides and resin processing, has been provided free of charge to a Tanzanian manufacturer. The net thus began to be produced locally in Tanzania, contributing to employment creation and the economic development of the country.

In addition to the prevention of malaria, we recognize that the development of the educational environment is also indispensable for supporting Africa in its efforts to achieve independent economic development. We have been supporting education in Africa by utilizing a portion of our revenues from the Olyset™ Net business. The Olyset™ Net is a good example of Sumitomo Chemical’s corporate social responsibility (CSR) activities aimed at helping create a sustainable society through business activities.

topic

Participating in the Japan–China Green Expo 2011



- ① Sumitomo Chemical booth
- ② The show that introduced Sumitomo Chemical’s technologies
- ③ Mr. Tang Jiakuan, honorary adviser to the China–Japan Friendship Association (CJFA) (right), and Chairman Yonekura of Sumitomo Chemical (left) at the Company’s booth

Sumitomo Chemical participated in the Japan–China Green Expo 2011 held in Beijing, China, from June 1 to 3, 2011. This is an international trade fair organized jointly by a nonprofit organization established by Keidanren (Japan Business Federation) and the China Council for the Promotion of International Trade (CCPIT), with a view to promoting cooperation between the two countries in the areas of energy conservation, new energy, and environmental protection—the areas positioned by the Chinese government as “strategic new industries.” Sumitomo Chemical showcased and introduced through panels its wide spectrum of technologies and products contributing to environmental protection and social development. We also gave a presentation that explains the Company’s history, businesses, and commitments to creating a brighter future using advanced visual technology.



Supporting the Future of Japanese Agriculture

The Sumitomo Chemical Agro Group provides powerful support for farmers

Chemistry and agriculture: two fields that may look unrelated at first glance, but in fact represent very important elements in the history of Sumitomo Chemical, established 98 years ago originally to produce fertilizers by utilizing the sulfurous acid gas emitted from its copper refinery as a raw material. Ever since, the Company has been maintaining close connections with agriculture through a wide spectrum of businesses, including the manufacture and sales of fertilizers, pesticides, and agricultural materials, and a range of other agricultural products. The Sumitomo Chemical Agro Group is capitalizing all its strengths to speed up its activities in support of the revitalization of Japanese agriculture.

Farms operated by a chemical company will change the practice of agriculture

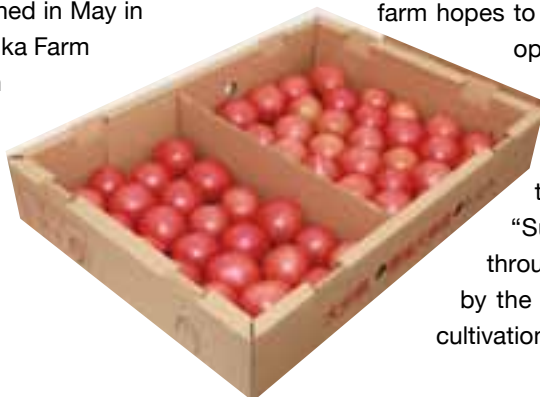
The Sumitomo Chemical Agro Group, which has been promoting agribusiness for many years, founded two agricultural corporations in 2009, for the first time in its history. One is Sumika Farm Nagano, a strawberry farm established in May in Nakano City, Nagano Prefecture; the other is Sumika Farm Oita, a tomato farm established in December in Bungo Ohno City in southern Oita Prefecture.

The Sumika Farm Oita rents 1.76 hectares of land, of which 1.06 hectares of land had been abandoned for many years before the farm was established. The farm started remaking the farmland in 2010, and completed plastic greenhouses in August. It was in autumn that the

farm finally could plant tomato seedlings of the Momotaro, Campari, and Soprano varieties.

This new farm aims to harvest tomatoes throughout the year. Oita Prefecture is known as a major tomato producing center, but the harvest season is mainly in summer and autumn. Since the start, by introducing the latest cultivation techniques, the farm hopes to contribute to the further development of tomato farming in the prefecture.

The Sumitomo Chemical Agro Group delivers its tomatoes under the brand name of “Sumika Sodachi” to consumers through distribution channels set up by the group. The group will leverage cultivation techniques and farm manage-





1



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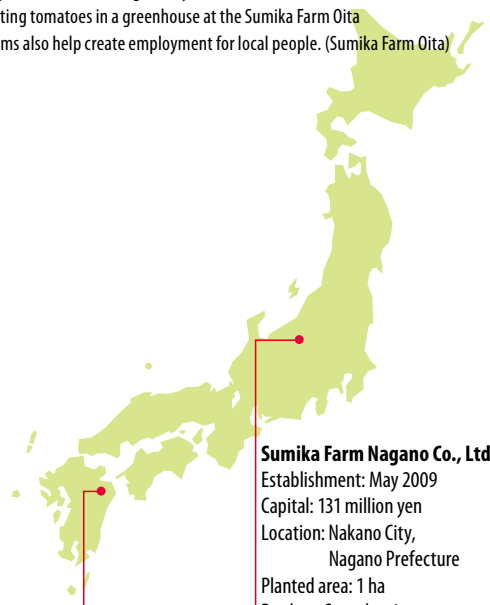
4

- ① Harvesting strawberries in a greenhouse at the Sumika Farm Nagano
- ② Large greenhouses standing side by side at the Sumika Farm Oita
- ③ Harvesting tomatoes in a greenhouse at the Sumika Farm Oita
- ④ The farms also help create employment for local people. (Sumika Farm Oita)

ment knowhow gained in the course of its business to help revitalize the local agriculture.

The farm's first "Sumika Sodachi" tomatoes were shipped one year after the establishment of the farm. This experience has attracted attention, and the farm has been requested to serve as an agricultural instructor for another tomato producing area in Oita Prefecture.

Through close cooperation with the local government and communities, the farm is expected to change the practice of agriculture.



Sumika Farm Nagano Co., Ltd.

Establishment: May 2009
 Capital: 131 million yen
 Location: Nakano City,
 Nagano Prefecture
 Planted area: 1 ha
 Product: Strawberries



Sumika Farm Oita Co., Ltd.

Establishment: December 2009
 Capital: 300 million yen
 Location: Bungo Ohno City,
 Oita Prefecture
 Planted area: 1.76 ha
 Product: Tomatoes



Japanese farmers are confronted with various problems

Decreasing number of successors and an ageing population

One of the reasons behind Sumitomo Chemical’s decision to establish our agricultural corporations is the fact that Japanese agriculture is confronted with several critical problems. These problems become evident if we look at some of the statistics.

The gross agricultural output has decreased by three trillion yen over the past 20 years from 11.5 trillion yen to 8.5 trillion yen. The income level of farmers has also been on the decrease for many years, and the agricultural income produced has decreased by two trillion yen compared with 20 years ago.

As for the actual amount of planted areas, paddy fields and upland fields have decreased by 12% and 8%, respectively,

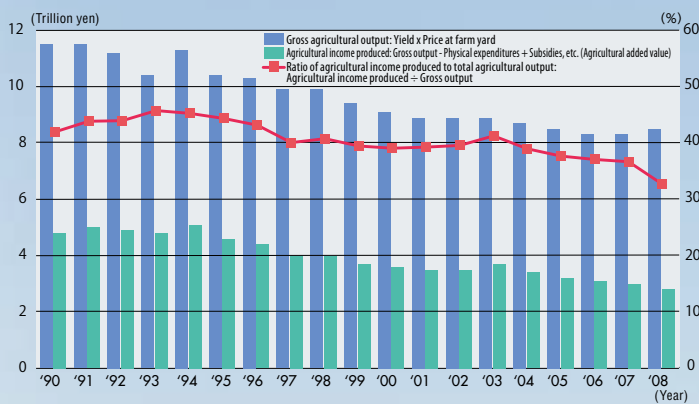
and the total planted area including orchards has decreased by about four million hectares over the past 20 years. This is equivalent to almost the total area of Saitama Prefecture.

Under these circumstances, the number of farmers has also decreased by 1.93 million over the past two decades from 4.82 million in 1990 to 2.89 million in 2009. This means that 100,000 farmers have given up farming on average each year.

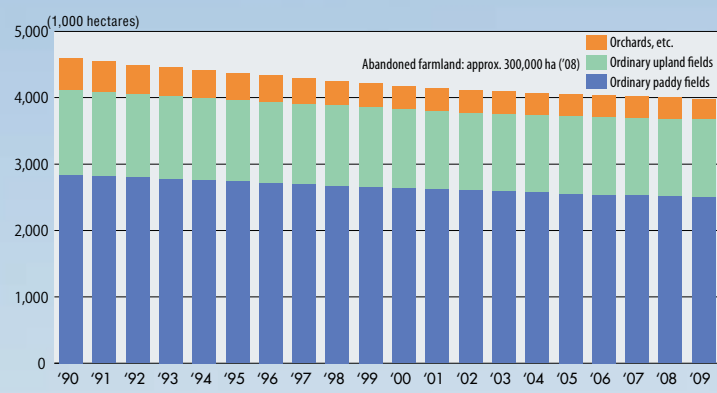
Furthermore, the number of people who are becoming farmers is low, causing the share of older people to be extremely high: farmers aged 60 or older account for more than 70% of the total agricultural population. In other words, Japanese agriculture is currently relying on a small number of farmers accounting for only 2.27% of the total population—and older people in particular, who make up the majority of farmers.

Current Status of Japanese Agriculture as Shown in Statistics

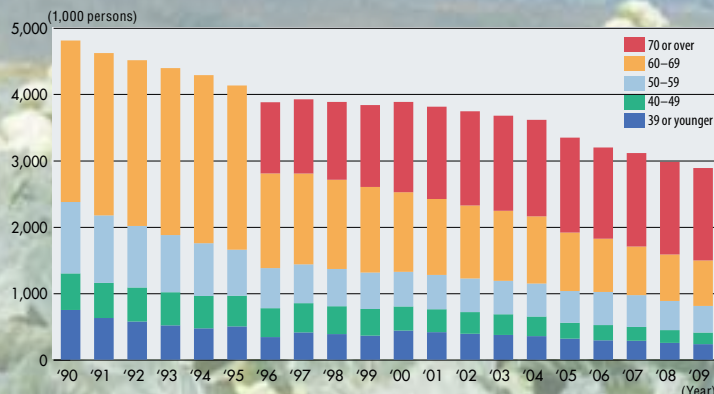
Gross Agricultural Output and Agricultural Income Produced



Planted Area



Agricultural Population by Age Group



Source: Data of Ministry of Agriculture, Forestry and Fisheries of Japan

Sumitomo Chemical is promoting a wide spectrum of businesses, from the production of seeds/seedlings and agricultural materials to the sales of agricultural products

Sumitomo Chemical Agro Group has been supporting Japanese agriculture for many years

Since its establishment as a fertilizer manufacturer, Sumitomo Chemical has been supporting Japanese agriculture. Our business spans a wide range of areas, including crop protection chemicals—for which we have top ranking in the share of sales in Japan, seeds/seedlings, fertilizers, and agricultural materials. Sumitomo Chemical and other Agro Group companies mobilize all their strengths to meet a broad range of needs in agricultural production.

In addition to offering solutions to problems that farmers are facing, our role as a provider of leading-edge chemical analysis technologies for pesticide residues and other purposes is also becoming increasingly important these days, helping to ensure that safe agricultural products are delivered to consumers.

Furthermore, the Sumitomo Chemical Agro Group has been offering consultation services to farmers for more than 10 years to share our farm management knowhow. We started this service from our sincere desire to bring a brighter future to Japanese agriculture, which is in a critical point. Our Sumika Farms are an extension of this desire.

The Sumitomo Chemical Agro Group will continue to develop hand-in-hand with farmers—any time, anywhere—for the brighter future of Japanese agriculture.

voice



My biggest challenge is to establish new sustainable agriculture

Taiji Sanbonsugi

Planning Manager, Operations Department
Nihon Ecoagro Co., Ltd.

My job is to listen to requests from supermarkets, department stores, and other distributors, and based on these requests, offer advice to farmers regarding what variety of crop is in greater demand. Needless to say, we examine the technical issues involved and identify potential buyers of the product before offering advice. We provide comprehensive support to farmers in cooperation with some of Japan's top experts in the area of agricultural techniques, and work hard to deliver high-quality, high-value-added products to distributors. This is actually an "easier said than done" kind of job because it is often very difficult to both maintain stable agricultural production and raise quality at the same time. My biggest challenge is to support the establishment of sustainable agriculture—in other words, find new ways in which agricultural production can be maintained sustainably.

Businesses of Sumitomo Chemical's Crop Protection Division and affiliated companies

● Sumitomo Chemical Co., Ltd.

(Major business: fertilizers, crop protection chemicals, farm management support)

Sumitomo Chemical has a long track record in the production and sales of fertilizers and crop protection chemicals. The Company is currently placing particular focus on the development of crop protection chemicals that are instrumental in making agriculture more environmentally friendly and labor saving, as well as on farm management support, such as sharing of product information and instructions regarding the timing of chemical application.

● SanTerra Co., Ltd.

(Major business: greenhouse materials, agricultural polyolefin (PO) films)

Under the timely themes of "health" and "environment," SanTerra develops materials used for greenhouses and agricultural PO films that feature well-balanced functions of superior durability, heat insulation, and anti-drip properties.

● Sumika Agrotech Co., Ltd.

(Major business: cultivation techniques, irrigation materials, vegetable seeds and seedlings)

Through completely reviewing water, soil, fertilizers, and seeds and seedlings in today's scientific light, Sumika Agrotech works to develop new technologies and products that will promote the future growth of agriculture.

● Sumika Chemical Analysis Service, Ltd.

(Major business: analysis of soil, nutrients, and pesticide residue)

As Japan's one of the largest integrated analytical companies, Sumika Chemical Analysis Service carries out analysis of pesticide residue, fertilizer components, etc., using leading-edge analytical equipment, receiving high acclaim for its superior quality services.

● Nihon Ecoagro Co., Ltd.

(Major business: design of fertilizers, advice on cultivation, support for crop selection, and sales)

Nihon Ecoagro's business includes product planning, sharing of production process management techniques, and support for product distribution and sales. The company strives to create new types of food business that will contribute to stable management of farms.

Sumitomo Chemical Agro Group offers comprehensive support for farm management in Japan

Bringing about a change in transforming Japanese agriculture

In response to the rapid change in the Japanese agricultural production structure caused by the decreasing planted area and ageing agricultural population, the government is accelerating countermeasures by, for example, revising the Agricultural Land Act and adopting a policy to improve food self-sufficiency.

As consumers' concerns over food safety mount, the way in which agricultural products are distributed is also undergoing significant changes.

At the Sumitomo Chemical Agro Group, each company was previously doing business individually in their own field. However, witnessing these changes in the environment surrounding Japanese agriculture, we have decided to take another step to mobilize all the strengths of the entire group—whose business spans a wide spectrum including the production and sales of fertilizers and crop protection chemicals—in order to bring about a new change in the direction of Japanese agriculture. One example of this approach is the establishment of our new agricultural farms—the Sumika Farms.

Sumika Farms—places for experiments and demonstrations

The objective of the Sumika Farms is not to become a leader of farmers and drive Japanese agriculture. The farms are intended to help revitalize agriculture in their respective local communities, and—in cooperation with their partners who share the same goal—to create a “new agriculture.”

For example, the experiences gained at the Sumika Farms can be utilized and shared to establish cultivation techniques to enhance the quality and added value of agricultural products. We can also open up new channels for the distribution and sale of products. The results of attempts made by the Sumika

Farms can be shared with other farmers throughout Japan as knowhow.

The Sumika Farms are, in this sense, a place for experiments and demonstrations to realize a new phase in agriculture. Particularly in the area of production technologies, we can share information closely with farmers, and offer comprehensive support by effectively leveraging the resources possessed by each group company.

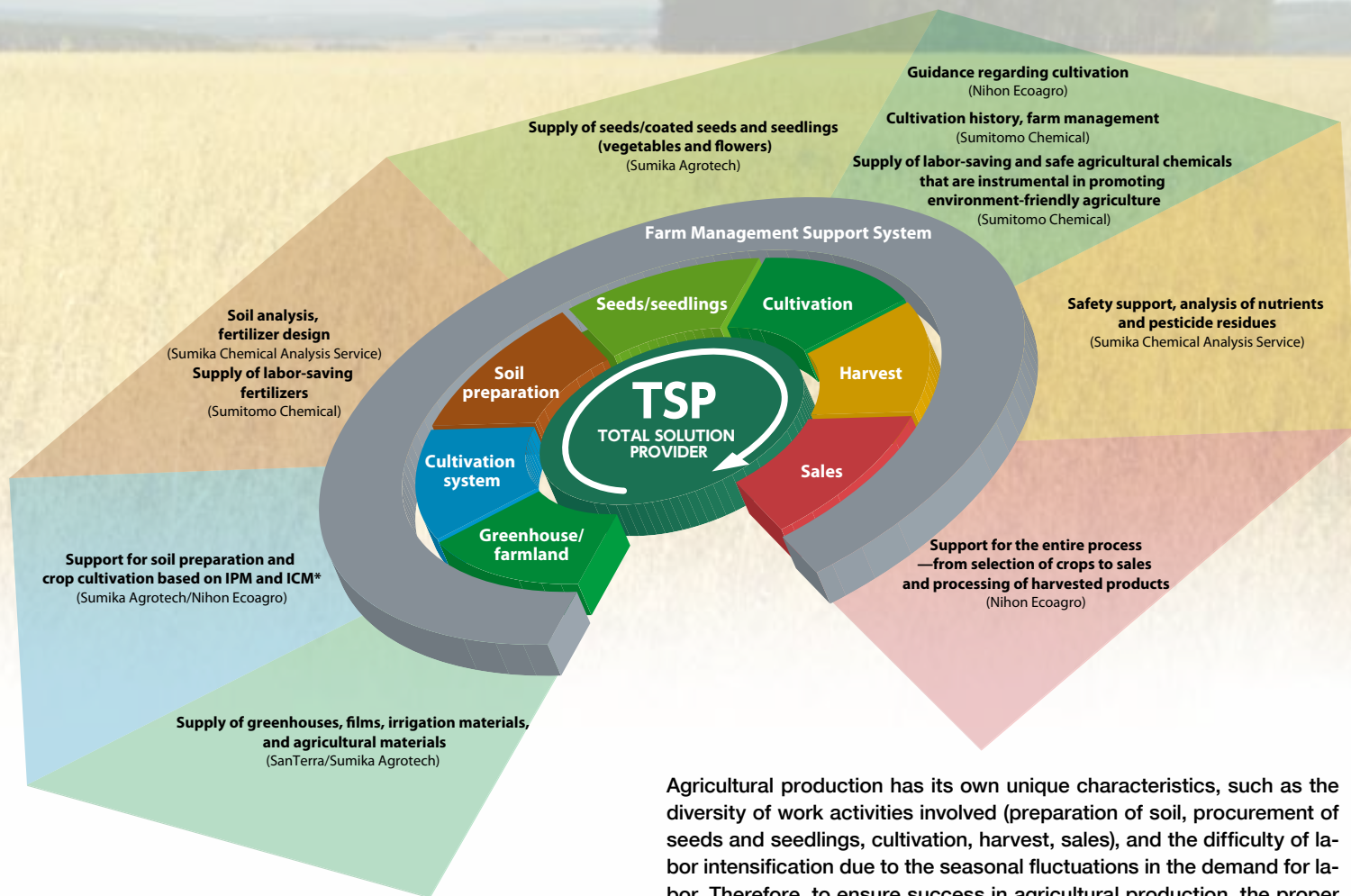
Running farms like the Sumika Farms will also lead to the restoration of abandoned farmlands and creation of employment, and may even help foster successors. The Sumika Farms are thus contributing to the development of local communities in a variety of ways.

Revitalizing agriculture through corporate management knowhow

As a “total solution provider,” the Sumitomo Chemical Agro Group offers comprehensive support for farm management in Japan, and thereby also contributes to the nation's social development. We will continue to actively promote these activities.

Tomatoes and strawberries harvested in the Sumika Farms are put on the market and sold at supermarkets and department stores. Although there are only two Sumika Farms at present, we are planning to establish more farms across Japan.

We are confident that we can be of help to farmers by applying the techniques and knowhow of corporate management—which we have built up until today as one of our strengths—to farm management and renew the way farms are operated. The word “Agro” comes from the Greek word “agros” meaning “cultivated field.” The Sumitomo Chemical Agro Group will strive to cultivate and stimulate Japanese agriculture, which is at a turning point, so that it will be revived once again as a successful and productive business.



Agricultural production has its own unique characteristics, such as the diversity of work activities involved (preparation of soil, procurement of seeds and seedlings, cultivation, harvest, sales), and the difficulty of labor intensification due to the seasonal fluctuations in the demand for labor. Therefore, to ensure success in agricultural production, the proper management of the process and the elimination of waste are essential. By covering the entire production process as shown in the above diagram, the Sumitomo Chemical Agro Group effectively supports production by taking advantage of the strengths of each group company.

***IPM (Integrated Pest Management) and ICM (Integrated Crop Management)**
 IPM is an integrated approach for minimizing damage by pests, which does not rely solely on chemicals but combines diverse practices, such as using natural enemies and crop rotation. ICM is a crop management method that goes beyond IPM, to make it possible to increase yields of high-quality and safe crops.

voice

Let's work together for the revitalization of agriculture



We are an agricultural corporation producing tomatoes in Iwaki City, Fukushima Prefecture. For two years, Nihon Ecoagro has been supporting us and our neighboring farmers in the distribution of our harvested crops. We are one of the most active farms in the area and trying to place ourselves at the leading edge, for example, by introducing techniques from the Netherlands, an advanced country in tomato cultivation, which often leaves us little time for sales activities. We are really grateful that Nihon Ecoagro has been supporting us in this important aspect of our business.

We are now looking for other opportunities where we can work together with the Sumitomo



Hiroshi Motoki
 Executive Vice President
 Tomato Land Iwaki

Chemical Agro Group. It will be ideal if these opportunities can also help recover the Tohoku region hit by the earthquake. We hope that we can continue to work with the Sumitomo Chemical Agro Group into the future.

Topics

Support for the Victims of the Great East Japan Earthquake and Future Measures

The Great East Japan Earthquake that took place on March 11, 2011 caused tremendous damage to the Tohoku and Kanto regions. The Sumitomo Chemical Group has been supporting the affected areas in a range of ways since the disaster. We will continue providing such support while implementing measures to deal with the shortage of electricity and to ensure the continuity of our business in the event of such a disaster.

Support for the Victims

Donations of money

For the relief of victims and the restoration of affected areas, Sumitomo Chemical donated 300 million yen to the Central Community Chest of Japan. The Company also collected donations from executives and employees and donated them (about nine million yen) to the affected areas (Miyagi, Iwate, and Fukushima Prefectures) and to employees who had suffered direct damage due to the earthquake.

Group companies both within and outside Japan, including Dainippon Sumitomo Pharma Co., Ltd., Sumitomo Bakelite Co., Ltd., Nihon Medi-Physics Co., Ltd., Sumitomo Seika Chemicals Co., Ltd., Rabigh Refining and Petrochemical Company, and seven Group companies in Singapore, also donated money and goods to victims of the disaster.

Donation of relief goods

We donated goods in response to the needs of affected areas. For example, we donated about 4,900 blankets urgently needed in Minamisanriku Town in Miyagi Prefecture through an NGO, "World Vision Japan."

Moreover, we sent masks, shampoos, toothbrushes and other daily necessities, cooking oil, underwear, etc. to the affected areas in cooperation with Nippon Keidanren (Japan Business Federation).

We also supported the relief efforts of Nippon Keidanren in Nagoya and Tokyo by donating stationery, lunch boxes, umbrellas and other daily necessities to be included in relief packages. Employees of Sumitomo Chemical and its Group companies volunteered to help put the packages together.



Relief goods donated by Sumitomo Chemical delivered to an affected area

Support for industries in affected areas

Sumitomo Chemical is implementing various measures to support the agricultural, fishery, and food industries in the Tohoku and Kanto regions that are suffering serious damage directly from the Great East Japan Earthquake or indirectly due to public concern caused by the accidents at the nuclear power plant.

For example, in the cafeterias, meals made using ingredients produced in the Tohoku and Kanto regions are served and a portion of sales receipts from these meals along with a matched contribution by the Company has been donated to affected areas.



Food fair held to support affected areas



Tohoku/Kanto special charity meal

In addition, Sumitomo Chemical held a fair to sell agricultural, marine food, and processed food from the Tohoku and Kanto regions to employees within the premises of the Head Office in Tokyo. In cooperation with three neighboring companies, larger fairs were also held to support for the industries in the affected areas, which was also open to the local residents. We will hold similar fairs at other sites in the future.

Dispatch of employees and support against insect pests

Sumitomo Chemical sent employees who had volunteered to help victims to affected areas, where they conducted support activities in response to the needs of local victims. For areas suffering damage from pests, we offered our products (insecticides and insecticidal nets) and installed the nets, as necessary.

We will continue these activities in response to the needs of victims.

Saving Electricity to Cope with Power Shortages in the Summer

To cope with power shortages in the summertime, we are proactively implementing measures to save electricity both as a consumer and a producer of electricity.

As a consumer, we are implementing measures such as operating air conditioners in a more efficient manner, switching off unnecessary lighting, and promoting so-called cool biz (more casual business attire). We have also shifted some of our manufacturing operations to nighttime and weekends, in order to reduce our peak-time electricity consumption while maintaining production levels.

As a producer, our sites equipped with in-house power generators are now using these generators, while those without them have begun leasing the equipment, as necessary.

Kawasaki Biomass Power Corp., which was established and led by Sumitomo Joint Electric Power Co., Ltd. (a subsidiary of Sumitomo Chemical), began producing electricity from biomass using waste building materials, and at present this company supplies CO₂-free clean energy to The Tokyo Electric Power Co., Inc.



Rental power generator installed at the Tsukuba Research Laboratory

Measures against Earthquakes and Other Disasters

In the event of a large disaster, such as an earthquake, companies must ensure the safety of local residents, employees, and other stakeholders. They are also expected to prevent secondary damage and minimize the impact of such disasters on their business as their corporate responsibilities and also as a precondition for their survival. Based on this recognition, Sumi-

tomo Chemical has set out its basic policies on risk and crisis management, and has been implementing the following measures to minimize risks and mitigate damage in the event of such a contingency, while giving first priority to the safety of people, the environment, and society.

At our manufacturing works and research laboratories where hazardous substances and high-pressure gases are used, safety measures that are stricter than those stipulated by law are implemented voluntarily to help ensure stable and safe operations.

Specifically at our work sites, plants are designed to stop operations by remote control if an earthquake of a predetermined level occurs, and measures are taken to prevent the leakage of hazardous substances even in the event of a large-scale disaster. Moreover, the seismic resistance of tanks and plants has been improved in a planned manner. Emergency regulations, procedures, manuals, and fire prevention/extinguisher equipment are prepared and available to combat against emergencies. Furthermore, sites regularly conduct emergency drills jointly with local fire departments and nearby companies.

The disaster in March has made us reassess the importance of our supply chains. In response, Sumitomo Chemical has set Business Continuity Plan (BCP) to ensure business continuity and fast recovery, in addition to shifting towards a diversification of suppliers to ensure the continued supply of goods or substitutes to the Company in the event of an emergency. We are also securing alternative transportation routes so that we can deliver our products to customers even in the event of disaster.

Sumitomo Chemical has been implementing a range of measures in preparations against large-scale disasters. We will review these measures based on our experience in the Great East Japan Earthquake and subsequent tsunami, and build a more robust system to ensure safety and the stable supply of our products.

Topics of Activities

Joining the UN Global Compact LEAD

Sumitomo Chemical has become a member of the UN Global Compact LEAD launched in January 2011.

Under the leadership of the UN Secretary-General Ban Ki-moon, the Global Compact LEAD is a new platform for corporate sustainability leadership, composed of companies to stepping up and reaching new levels of performance and impact in order for the world to meet today's social, environmental and economic challenges.

The UN Global Compact is the world's largest corporate responsibility initiative with more than 8,900 signatories in over 135 countries. The Global Compact LEAD is represented by 56 companies around the world and three companies including Sumitomo Chemical currently represent Japan.



Agreement with the Chongqing People's Government

Sumitomo Chemical concluded an agreement with the Chongqing People's Government, China about two local awards to be granted by the Company.

After the press conference on the agreement, attended by CPC Chongqing Committee Secretary Bo Xilai, a signing ceremony was held with the participation of all those concerned, including Vice Mayor Liu of Chongqing, Deputy Secretary General Ai Yang of the local government, and Chairman Hiromasa Yonekura and Senior Managing Executive Officer Yoshimasa Takao of Sumitomo Chemical.

Based on the agreement, Sumitomo Chemical will present a youth award for the protection of the environment in Chongqing, which includes incentive funds to foster research on local environmental protection and support for the establishment of roundtable discussion meetings on environmental protection, as well as for the creation of factory tours at the sites of leading Japanese companies, including Sumitomo Chemical.

The Company will also give a scholarship award to help develop human resources which will contribute to deepening exchanges between Chongqing and Japan. The scholarship will be awarded to worthy candidates from local government and major universities in Chongqing, such as Chongqing University, who will become leaders of exchanges between Japan and China.



Signing ceremony
(Left) Deputy Secretary General Ai Yang of the Chongqing People's Government
(Right) Senior Managing Executive Officer Yoshimasa Takao of Sumitomo Chemical

Through these two local awards, we will support the sustainable economic development of Chongqing and enhance bilateral relations between Japan and China to contribute to the further development of the two countries and international society.

Introducing Sumitomo Chemical's Next Generation Technologies at the Japan-China Green Expo 2011

Sumitomo Chemical participated in the Japan-China Green Expo 2011, which was held in Beijing, China, from June 1 to 3, 2011.

The Japan-China Green Expo 2011 was organized by an NPO established by Nippon Keidanren and the China Council for the Promotion of International Trade as their first joint international environmental fair, and both Japanese and Chinese companies and research institutes participated in the event. Sumitomo Chemical introduced a range of its products and technologies that contributes to the environment and society, dividing them into four categories (life, automobiles, food, and CSR), through a main show held using new imaging techniques and also through



display panels. In the exhibition, 65 companies participated from Japan and 27 from China, and a total of 20,230 people visited the three-day fair.

Sumitomo Chemical's booth in the Japan-China Green Expo 2011

Becoming a Winner at the 2010 Agrow Awards

The award ceremony for the 2010 Agrow Awards was held in London on November 2, 2010, and Sumitomo Chemical received an award in the Best Innovation in Non-Crop category for its insecticidal mosquito net Olyset™ Net, thereby becoming the first Japanese company to receive an Agrow award.

These awards are organized by Agrow, a provider of news and market research dedicated to the crop protection industry. There are 13 categories in the Agrow Awards and in the Best Innovation in Non-Crop category in which Olyset™ Net became a winner, technologies for chemicals used in fields other than agriculture,



such as those for household pest control and disease vector control, were judged.

Award ceremony for the 2010 Agrow Awards

Implementation of Loans utilizing “the Supporting Fund for Environmentally Friendly Corporations”

In November 2010, Sumitomo Chemical became the first diversified chemical company to receive a loan from Sumitomo Mitsui Banking Corporation as an environment-friendly company. In this loan program, companies undergo detailed evaluation and diagnosis in terms of environmental friendliness according to a unique evaluation method jointly developed by the bank and The Japan Research Institute, Ltd.

Sumitomo Chemical was judged to conduct its business in a very environmentally aware manner by implementing highly advanced environmental measures and was awarded a loan from the fund. Sumitomo Chemical will further enhance and develop its environmentally sustainable management through the proactive and effective use of the loan program.

News release issued by Sumitomo Mitsui Banking Corporation on the loan to Sumitomo Chemical (November 30, 2010)

平成22年11月30日

各 位

株式会社 三井住友銀行

住友化学株式会社に「環境配慮企業支援ファンド」を活用した融資を実施

株式会社三井住友銀行（頭取：奥 正之）は、日本銀行の「成長基盤強化を支援するための資金供給」の趣旨に則り組成した「環境配慮企業支援ファンド」を活用し、住友化学株式会社（代表取締役社長：廣瀬 博）に対し、融資を実施致しました。

三井住友銀行では、地球環境の維持向上につながる商品開発やソリューション提供を行う一環として、2008年より「SMB C環境配慮評価融資」に取り組んでおり、三井住友銀行と株式会社日本総合研究所（代表取締役社長：木本 泰行）の作成した独自の評価基準に基づき企業の環境配慮状況を評価・診断することで、先進的な環境配慮経営を行う企業に対して積極的支援をして参りました。

「環境配慮企業支援ファンド」は、従来の「SMB C環境配慮評価融資」の枠組みに、日本銀行の「成長基盤強化を支援するための資金供給」を活用することで、企業の環境配慮経営への支援、並びに日本経済の成長基盤強化への支援に、従来以上に取り組むことを目的に組成したものです。

今回対象となった住友化学株式会社は、環境省の創設したエコ・ファースト制度[※]において総合化学会社では初めての「エコ・ファースト企業」として認定され、持続可能な社会に積極的に貢献されています。今回の環境配慮状況の調査においても、「環境保全対策の取組と成果の状況」「環境負荷の把握の状況」「環境マネジメント」の面で非常に高い水準であると判断され、企業経営において大変優れた環境配慮を実施されているとの高い評価となりました。

特に、①国内全事業所および国内外のグループ会社でレスポンス・ケア(RC)を経営上の最も重要な柱のひとつとしてグローバル展開をされ、協力会社等にもPDCAサイクルの構築を働きかけられている点、②化学物質の安全性評価を環境対策の核心に位置づけられ、「エコ・ファーストの約束」として、2016年度までに、年間1トン以上製造/販売している全製品の安全性に関する再評価に務め、2020年度までに適切なリスク評価を実施するとされている点などが高く評価されました。

なお、今回の住友化学株式会社に行った「環境配慮企業支援ファンド」の活用は、総合化学業界では初となります。

三井住友銀行では、日本銀行の「成長基盤強化を支援するため資金供給」の趣旨を踏まえ、当行のノウハウ及び情報提供力を十分に発揮できる『環境』・『中国』等の分野を中心に、引き続き企業の活動を支援して参ります。

※エコ・ファースト制度…環境保全に関する業界のトップランナー企業の環境保全行動を更に促進していくため、企業が環境大臣に対して京都議定書の日目標達成に向けた地球温暖化対策など、自らの取り組みを約束する制度

以 上

http://www.smbc.co.jp/news/pdf/j20101130_01.pdf

Standardizing and Systematizing Operations for Environment and Chemicals Management

In an effort to increase the public awareness on Responsible Care activities and to enhance such activities, Sumitomo Chemical is accelerating the standardization and systematization of its management activities in the fields of energy, environmental protection, and potential risk of chemicals.

With regards to important management operations, the work volume for which is large and includes much routine paperwork, we aim to increase efficiency and promote “visualization” to save labor, thereby reducing the workload of employees in charge and enabling them to spend more time in more substantial work such as data analysis, evaluation, and implementation of necessary measures. This should eventually lead to improvements in the quality of our overall management. We also aim to strengthen our compliance system by reviewing various in-house rules in response to the frequent revision of laws and regulations.

We are also explaining these measures in detail to Group companies and sharing information with them, as appropriate.

We will continue promoting the standardization and systematization of related management operations. (For details see page 40 on the CSR Report.)

Progress of standardization and systematization of management operations in various fields

Field	Description	Start of implementation
Energy (CO ₂ emissions)	-Build a tabulation system for energy use and CO ₂ emissions	Second half of 2010
	-Formulate guidelines to calculate contributions made to reducing greenhouse gas emissions by the use of Sumitomo Chemical products	Second half of 2010
	-Standardize LCA (including CFP) calculation methods for products	First half of 2011
	-Revise the company-wide greenhouse gas data tabulation system	Second half of 2013 (planned)
Environmental protection	-Revise the company-wide PRTR data tabulation system (Adding a VOC data calculation function)	First half of 2011
	-Newly introduce on-site waste management systems (Using ASP* application software)	First half of 2011
	-Promote the company-wide creation of electronic manifests based on the Waste Management and Public Cleansing Act of Japan (Aiming to increase the digitization rate to 70% as a whole)	First half of 2008
Chemical substances	-Revise the comprehensive chemical management systems (SuCCESS) (Adding MSDS output function for GHS)	First half of 2012 (planned)

*Application Service Provider

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This Report is printed with vegetable oil ink, an environmental ink made with vegetable oil instead of petroleum-derived solvents. This minimizes the generation of volatile organic compounds (VOCs), and helps conserve precious petroleum resources.



Printed without using water. Water-free printing produces a beautiful finish, and does not produce wastewater containing hazardous substances.