SEKISUI CHEMICAL CO., LTD.



Value Creation through ESG Management

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Representative Director Senior Managing Executive Officer

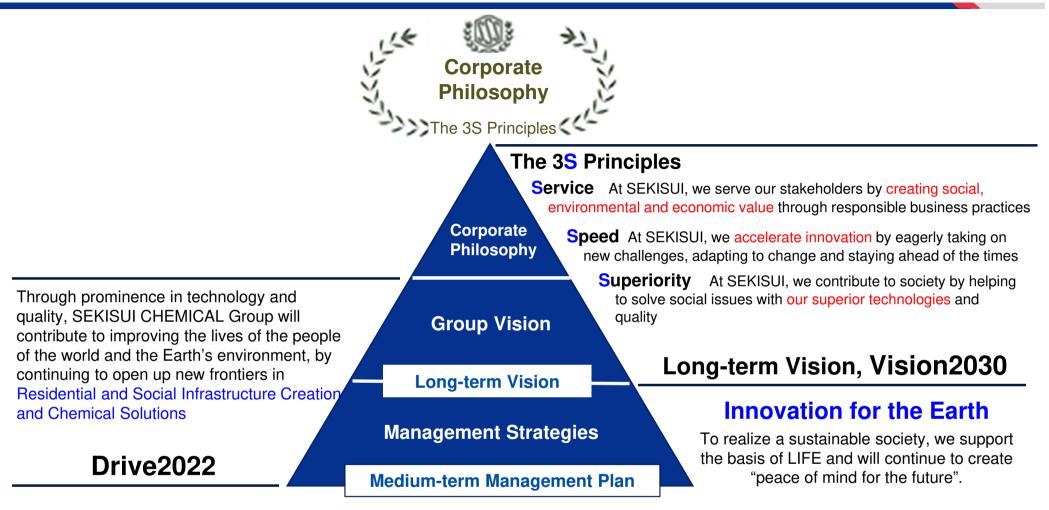
March 2023

AGENDA

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SEKISUI CHEMICAL Group's Principles

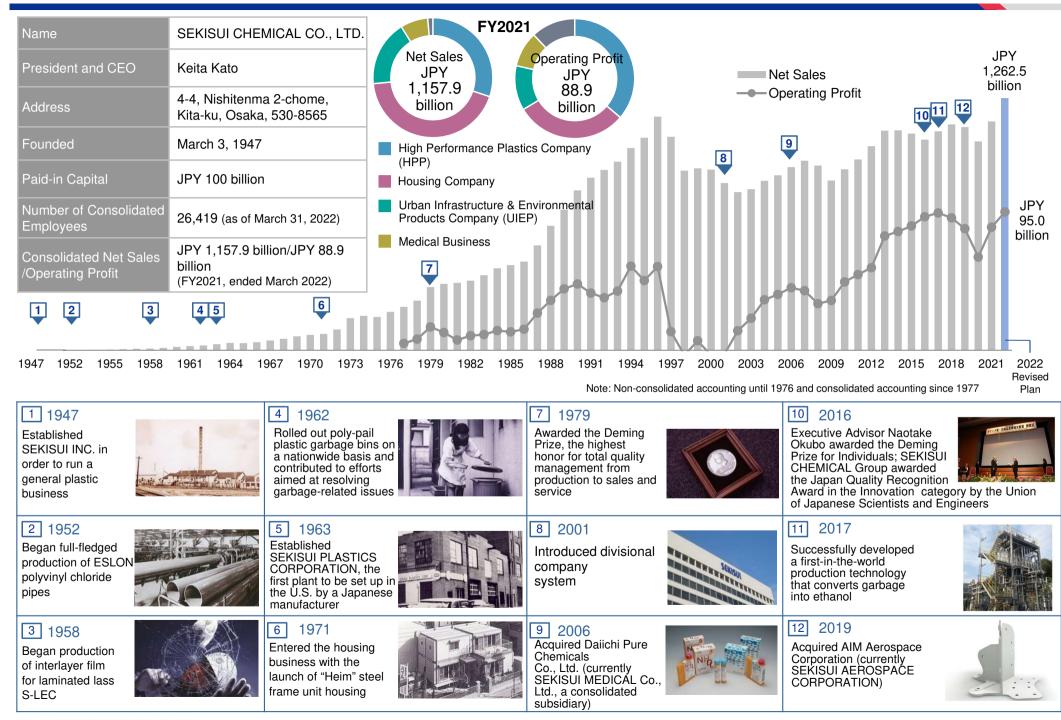




Drive sustainable growth/reform/preparation to realize Vision 2030

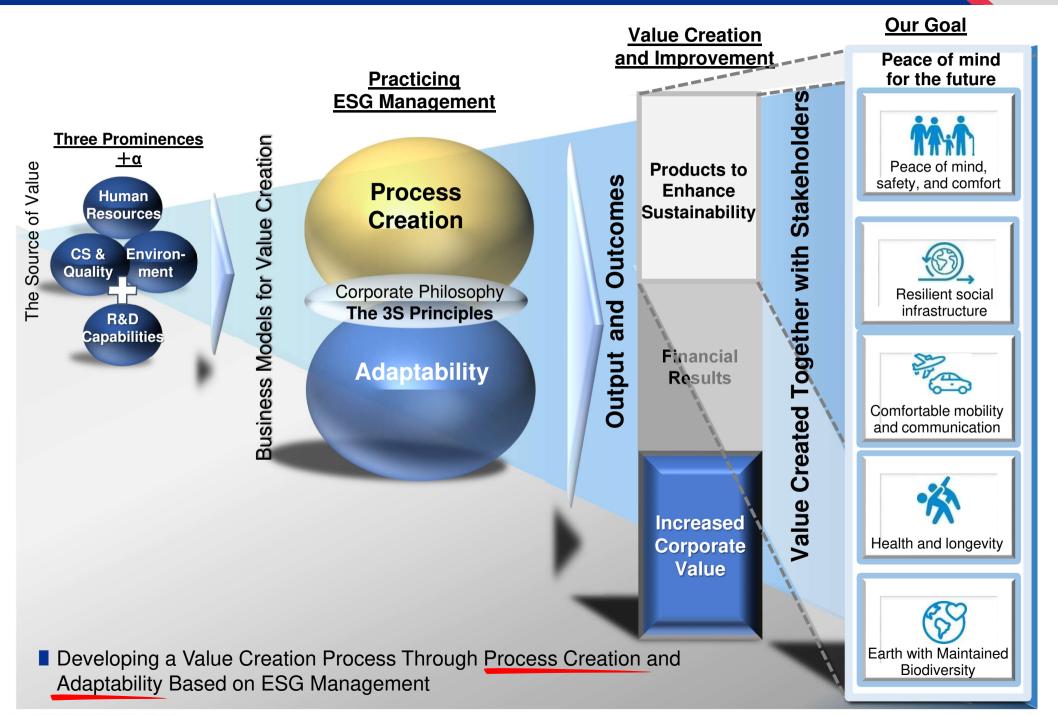
- Promote ESG management and build a corporate structure that can_enhance corporate value on a sustainable basis
- ◆ Work on the Three Drives as a first step toward realizing the Long-term Vision
 - (1) Existing Business Drive: Business growth and reform
 - (2) New Business Drive: Preparations for long-term growth
 - (3) Business Base Drive: Strengthening the ESG management base
- ◆ Accelerate through fusion and digital transformation

SEKISUI CHEMICAL Group Accomplishments



Value Creation Process

SEKISUI

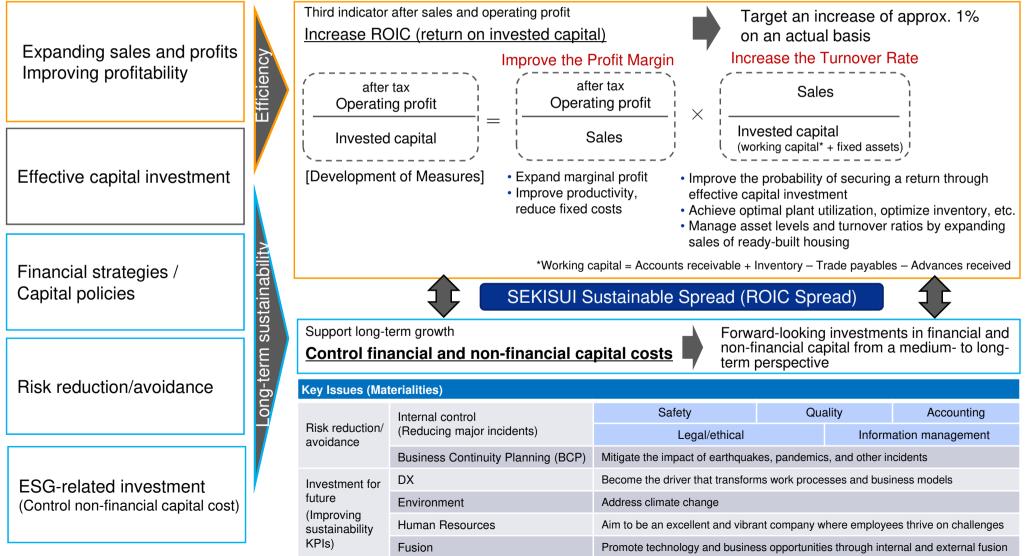


Value Creation Process (Corporate Value Improvement KPI)

SEKISUI

- At SEKISUI CHEMICAL, we define the SEKISUI Sustainable Spread as the difference between return on invested capital (ROIC) and financial & non-financial capital cost and use this as a KPI for corporate value improvement
- By ensuring that each and every employee acts with awareness of important issues (materialities), SEKISUI CHEMICAL will restrain capital cost through advance investment of financial and non-financial capital in the mediumto-long term. By expanding spread in this way, SEKISUI CHEMICAL will improve corporate value.

[Initiatives of the Company]



The Source of the Group's Value

Three Prominences + α

Environment, Human Resources, CS & Quality +α (R&D Capabilities)

The Source of the Group's Value (Environment, Human Resources, CS & Quality) SEKISU

On March 3rd, 1947, SEKISUI INC. was founded by the "7 samurai," a group of young pioneers at the core of Nicchitsu Konzern created by Shitagau Noguchi, and this company would later become SEKISUI CHEMICAL
CS & Environ-Quality — ment

The three sources of the SEKISUI CHEMICAL Group's value are the environment, human resources, and CS & quality

Environment

- SEKISUI CHEMICAL Group has recognized the environment as an important issue. In addition to ongoing
 efforts to prevent pollution, every effort has been made to reduce the environmental impact of the Group's
 business activities
- Since 2003, we have worked diligently to practice Environment Management on a fully-fledged basis with the aim of achieving sustainable growth that balances ecology with the economy. We continue to strive to build a sustainable business base that includes ties of trust with our stakeholders through various measures including the acquisition of the SBT certification and our endorsement of TCFD

Human Resources

• Based on the belief that employees are precious assets bestowed on us by society, SEKISUI CHEMICAL Group supports employees who take it upon themselves to pursue new challenges on their own initiatives

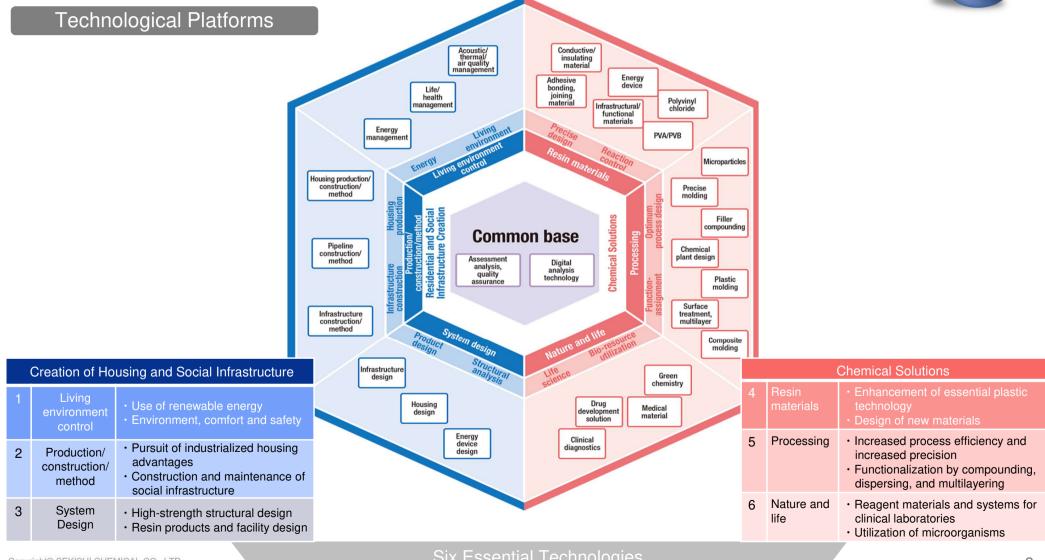
CS & Quality

 SEKISUI CHEMICAL Group is engaged in CS management that places emphasis on customer satisfaction (CS). The Group consistently innovates to maintain the quality of products, provides value (goods and services) that meets customer expectations, strives for selection by our customers on an ongoing basis, and develops and grows with customers over the long term

R&D Capabiliti

The Source of the Group's Value (+α–R&D Capabilities, Intellectual Property)

- We have established technological platforms as the basis for Group technology development, and promoted initiatives such as developing core technologies, innovating through fusion of existing technologies, and training of technical staff.
- We take customer feedback sincerely to heart and refine our core technologies accordingly. thereby finding directions for added value and creating new products.





SEKISUI

The Source of the Group's Value (+α–R&D Capabilities, Intellectual Property)

- Intellectual property is the source of our competitiveness and an important management resource supporting the growth and profitability of SEKISUI CHEMICAL Group for the maximization of our corporate value
- The Group leverages its technical prominence to maximum effect to contribute to operations. Based on competitive-environment analysis using information on intellectual property, markets and competition, we advance strategic utilization of intellectual property, including strategy formation and intellectual property portfolio management

<Chemical Industry> Ability to Restrain Other Companies Rankings (Top 10)

Donking	Company name		Number of patents			
Ranking		2021	2020	2019		
1	Fujifilm	4,001	4,287	4,552		
2	Mitsubishi Chemical	1,887	2,014	2,132		
3	Као	1,597	1,556	1,648		
4	SEKISUI CHEMICAL	1,262	1,297	1,301		
5	Nitto Denko	1,165	1,148	1,160		
6	Asahi Kasei	1,025	1,027	996		
7	Showa Denko Materials (Hitachi Chemical)	995	940	1,079		
8	Sumitomo Chemical	968	1,013	984		
9	DIC	755	755	761		
10	Mitsui Chemical	734	Outside the top 10	Outside the top 10		

<Chemical Industry> Patent Asset Scope Ranking (Top 5)

Ranking	Company name	Patent asset scope (points) 202	Number of patents 2	Patent asset scope (points) 202	Number of patents 0
1	Fujifilm	58,099.4	1,113	60,665.0	1,188
2	SEKISUI CHEMICAL	24,822.4	615	19,694.4	507
3	Kao	22,123.4	710	18,503.7	588
4	LG CHEM	22,095.4	558	25,886.0	658
5	Nitto Denko	21,470.0	452	13,332.0	359

For the patents registered in a one-year period, patent score point system is used for rating the attention each patent receives and calculating a total score for each company

[Company Patents Getting a Lot of Attention]

2022: "Sealant for bioelectroluminescence display elements which can be easily applied using inkjet methods and offer exceptional outgassing characteristics," "Drainage assembly coupling that enables easy confirmation of the conditions inside pipes when abnormalities occur without the need for large-scale equipment and instruments," etc.

2020: "Long polyvinyl chloride (PVC) fireproofing material with improved heat shrink ratio"

Source: Patent Result Co., Ltd. <Chemical Industry> Ability to Surpass Other Companies 2021, 2020, 2019 Ranking; Patent Asset Scope 2022, 2020 Ranking

In the patent application process, the number of patents cited as refusal reasons for other companies' patent applications are totaled for each company. This indicates the great number of advanced technologies in our possession, which can prevent competitors from acquiring patent rights in their technical development processes

[Our Company Patents Most Frequently Cited as Refusal Reasons] 2021

Sealant for bioelectroluminescence display elements which can be easily applied using inkjet methods and has superb hardness, transparency, and barrier properties

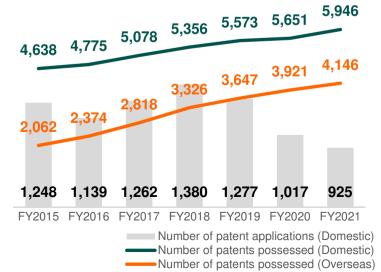
2020

Sealant for bioelectroluminescence display elements which can be easily applied and has superb hardness, transparency, and barrier properties

2019

Circuit board hole-filling thermal paste components and printed wiring boards

The Company's Patents and Patent Applications (Total)





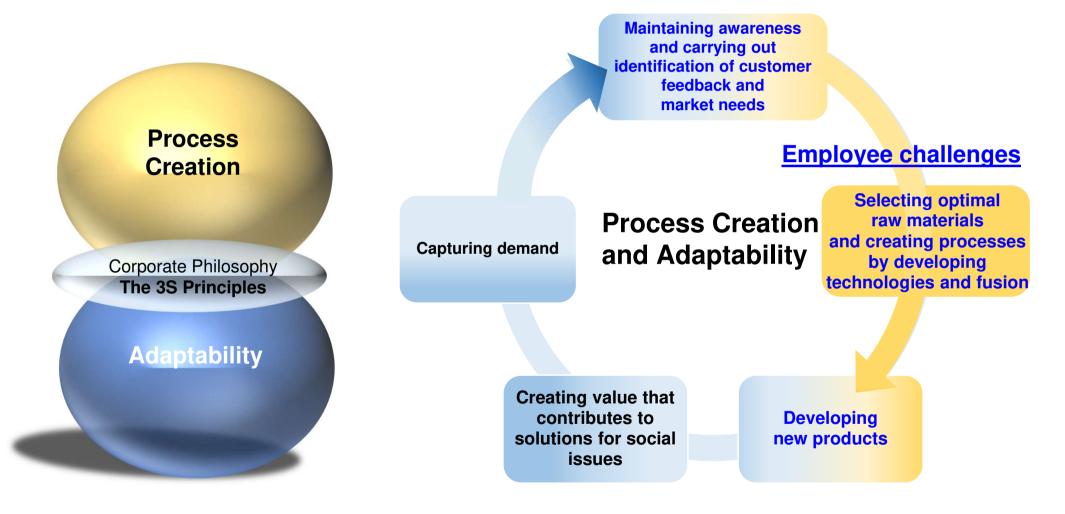
Business Models for Value Creation

Process Creation and Adaptability

Business Models for Value Creation

SEKISUI

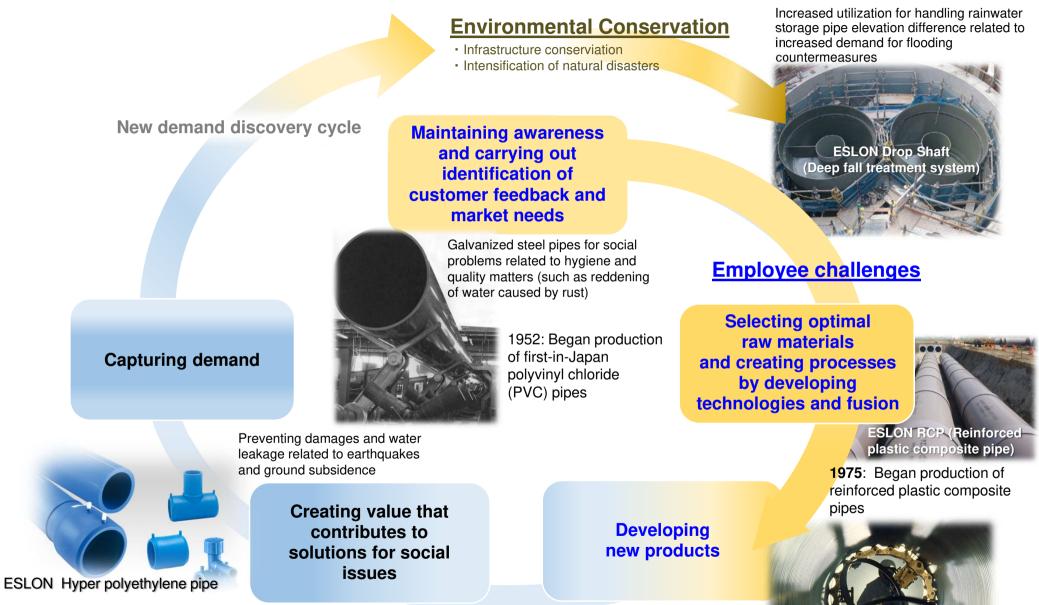
Creating value based on our two strengths: the power of process creation to create added value using advanced technology; and adaptability to capture customer needs and solutions to social issues, incorporate them into development ahead of others, and modify our business portfolio



- By adding <u>employee challenges</u> to our <u>process creation</u> and <u>adaptability</u>, we create new products (and new value).
- By further refining these products based on customer feedback and market needs, we discover new demand and new potential products.



Resolving infrastructure problems, supporting social foundations, and protecting people's lives



1995: Developed and began production of first-in-Japan high-performance polyethylene pipes for water supply

Achieved large-scale reductions in construction time and industrial waste byproducts such as sediment by resolving sewer pipe deterioration problems without digging up roadways **1986:** Developed the Pipeline Renewal Construction Method (SPR Method

Business Model Cases for Value Creation: Housing Business



Developing smart and resilient towns and

communities that are

resistant to natural disasters

From building homes to support the lives of people in period of high economic growth to safe and secure urban planning to protect people's comfortably daily lives

natural disasters

New demand discovery cycle





New e-PocketGREEN high-capacity storage battery



Maintaining awareness and carrying out identification of custome. feedback and market needs

New challenges for housing

resilience to increasingly frequent and severe

Increasing numbers of vacant houses,

Provided high-quality, high-performance housing to capture changes in housing demand



1960: Entered the housing business. Launched sales of Sekisui House Type A, the first light steel frame house in Japan Employee challenges

Selecting optimal raw materials and creating processes by developing technologies and fusion



1971: Lauched sales of SEKISUI HEIM industrialized unit housing (first in the world)



Creating value that contributes to solutions for social issues

Developing new products

Capturing current needs ahead of the competition, we promoted the installation of solar power generation equipment, thereby creating and evolving new markets.

Business Model Cases for Value Creation: Mobility field



Contributed to the development of automotive industry trend CASE* + α (environmental handling)

*CASE: C (Connected), A (Autonomous), S (Shared/Service), E (Electric)

New demand discovery cycle

Capturing demand

Flow of EV Conversion

- Reduced CO₂ emissions volume (through ZEV)
- regulations, etc.)
- · Reduced dependence on fossil fuels for energy security
- Achieving carbon neutrality

Maintaining awareness and carrying out identification of customer feedback and market needs

Greater safety, lighter-weight car bodies, higher-quality design, and improved comfort



 Interlayer film for automotive laminated glass
 1960: Manufacturing of S-LEC Film launched
 1987: Safety glass installation for domestic vehicles mandated by Japanese law





Employee challenges

Selecting optimal raw materials and creating processes by developing technologies and fusion

> PVA/PVB, microparticles, precise molding, surface treatment, and multilayer technology



Creating value that contributes to solutions for social issues

Developing new products



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Output and Outcomes

Value Creation and Improvement

Output and Outcomes: Products to Enhance Sustainability

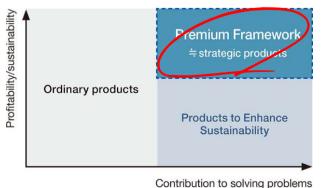


- By evolving the existing Environment-Contributing Products into a Products to Enhance Sustainability, we implemented a sustainability confirmation evaluation from perspectives such as profitability, process evaluation, and internal control for the supply chain as a whole
- Aiming for further profitability and problem-solving contribution, we have established a new premium framework. Currently working to increase corporate value by raising the ratio of premium framework products



Products to Enhance Sustainability Net Sales/Sales Ratio





GHG Emissions from Corporate Activities and Contributions to Reducing GHG Emissions Made by Products to Enhance Sustainability



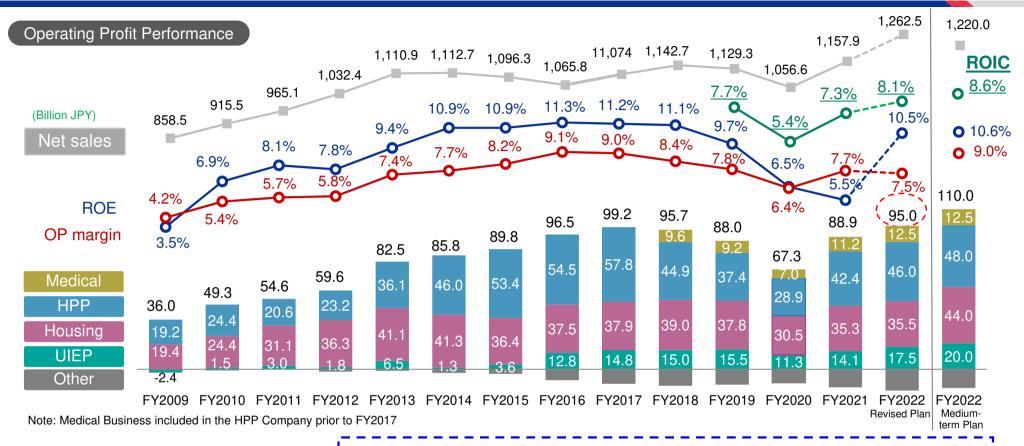
Contributions to reducing GHG emissions made by Products to Enhance Sustainability*

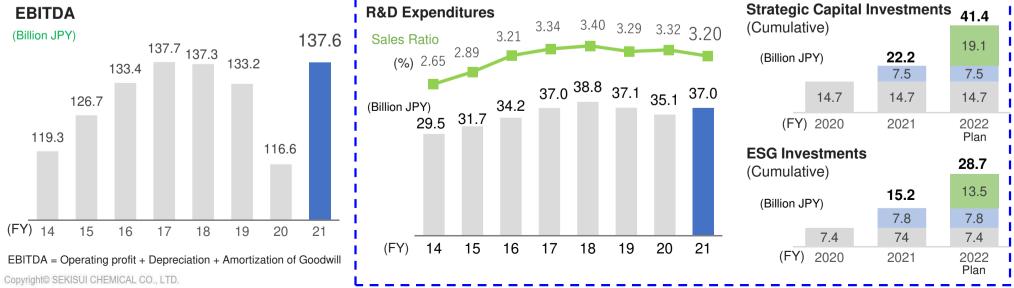
*Contributions to reducing GHG emissions made by Products to Enhance Sustainability are calculated using general-purpose products as a comparison, where the calculation indicates the contribution to reduction as the difference from comparison products given by MiLCA (Japan Environmental Management Association for Industry), a calculation system based on the concept of LIME2.



Outcomes: Financial Results and Increased Corporate Value (1)

SEKISUI





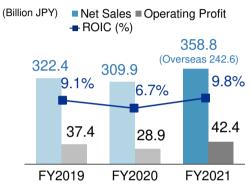
Outcomes: Financial Results and Increased Corporate Value (2)

SEKISUI

Despite the impact of COVID-19, we achieved appropriate investment and return with awareness of ROIC management. In our medical business, which aims for the fourth divisional company, we are proactively implementing growth investments such as research and development and capital expenditure.

High Performance Plastics Company (HPP)

Performance Trends

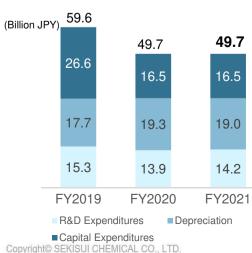


Main ROIC Improvement Measures

- Accelerate returns on M&As and growth investments
- Accelerate improvements in selling prices and further strengthen profitability by shifting to highperformance products

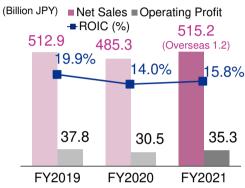
<Strategic investment example>

· Augmenting foam manufacturing ability (USA)



Housing Company

Performance Trends

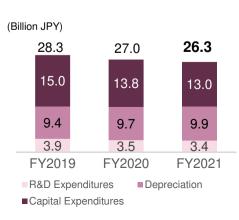


Main ROIC Improvement Measures

- Improve land holdings and turnover rates for the stock of ready-built houses
- Promote comprehensive measures to hedge against sharp rises in raw material prices

<Strategic investment example>

 Town and Community Development: Land acquisition



Urban Infrastructure & Environmental Products Company (UIEP)

Performance Trends

(Billion JPY) ■ Net Sales ■ Operating Profit ■ ROIC

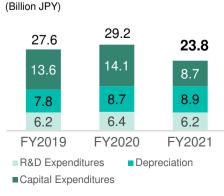


Main ROIC Improvement Measures

- Accelerate improvements in selling prices
- Level out production and sales and optimize inventory
- Improve productivity by accelerating DX investment

<Strategic investment example>

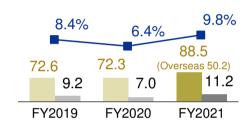
 Building new production facilities in Europe for FFU



Medical Business

Performance Trends

(Billion JPY) ■ Net Sales ■ Operating Profit -■ ROIC



Main ROIC Improvement Measures

- Accelerate returns on M&As and growth investments
- Maintain appropriate inventory levels by product

<Strategic investment example>

- Enhancing production capacity at the lwate Plant
- Establishing a production system and the UK Plant

	10 F				16.9	
	13.5		14.0		5.5	
	4.6		4.6			
	3.7		4.1		4.5	
	5.2		5.3		6.9	
F	FY201	9 F	Y202	0 F	Y202	1
R&D Expenditures Depreciation						
	Capital I	Expendit	ures			

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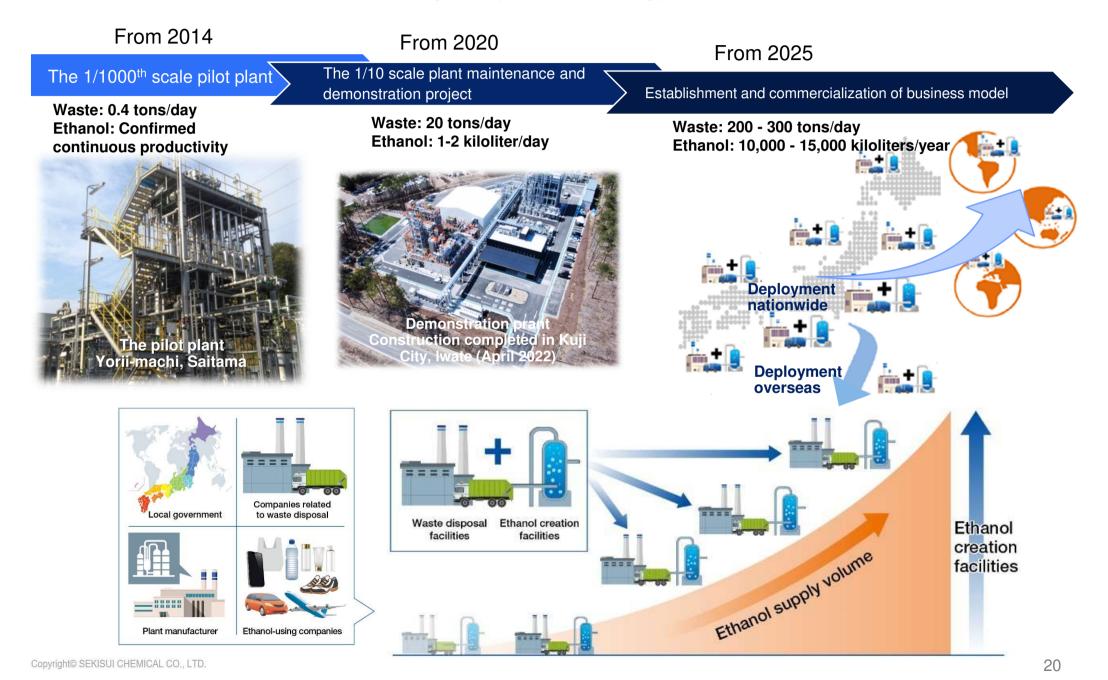
Value Created Together with Stakeholders

Peace of mind for the future





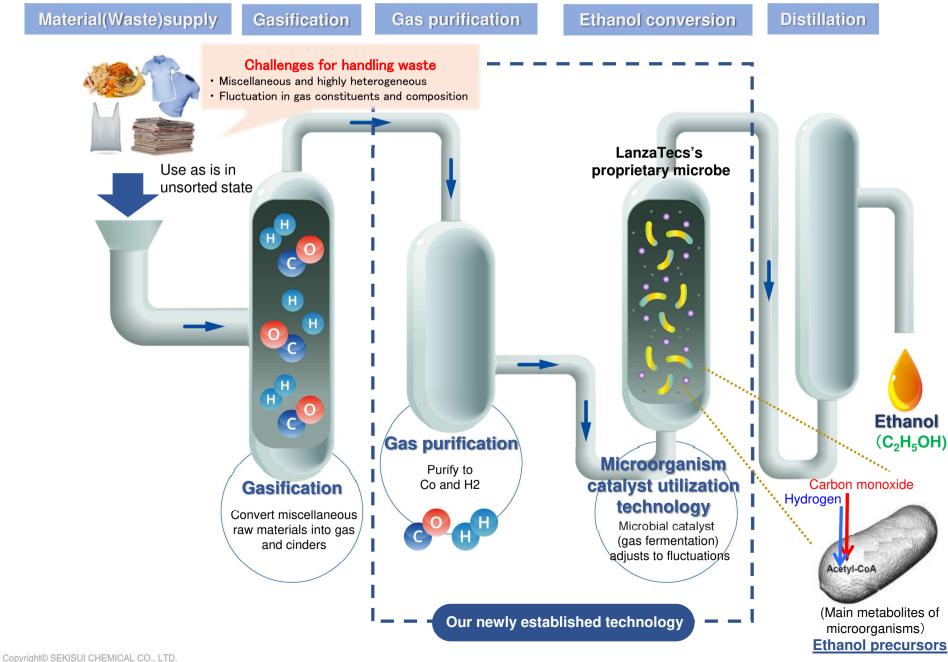
Through world-first manufacturing technology that converts trash into ethanol, we aim to develop the ultimate resource circulation social system (circular economy)





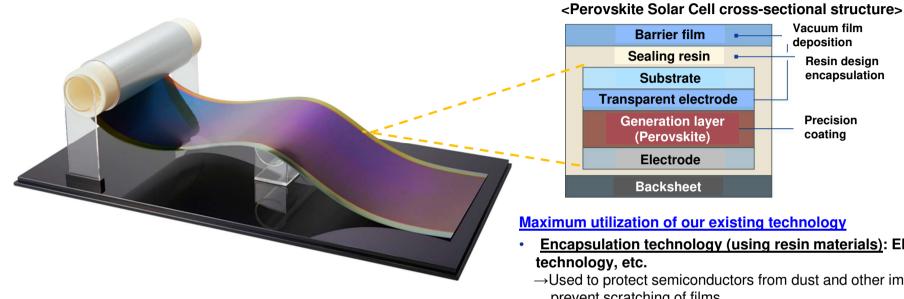


Trash is processed into gas with no sorting required, and this gas is then converted to ethanol by microbes





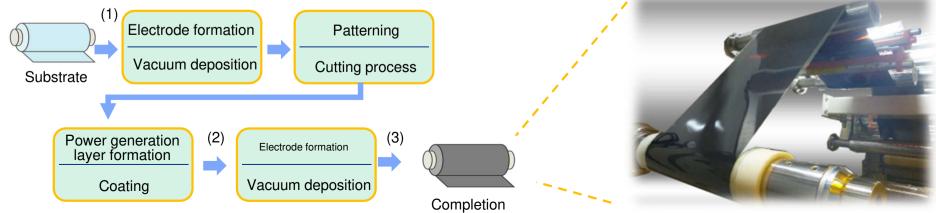
The Perovskite Solar Cells we are developing have achieved massive improvements in durability through the combination of our accumulated encapsulation and film technologies with the proprietary technology of other companies. We are currently able to manufacture cells with 30cm widths, and in the future, we aim to establish manufacturing technology to make 1m cells at a low cost.



<Roll-to-Roll Manufacturing Process>

- Materials are applied to the film as if printed using 30 cm wide roll-to-roll processing
- Encapsulation technology (using resin materials): Electronics, panel
 - \rightarrow Used to protect semiconductors from dust and other impurities, as well as prevent scratching of films
- Vacuum deposition (film): Used for formation of various filims such as mobility interlayers
- Process technology, etc.

(1) Apply power generation layers and electrodes to rolled film as it is unrolled, (2) Place another film on top and seal, then (3) Roll back up







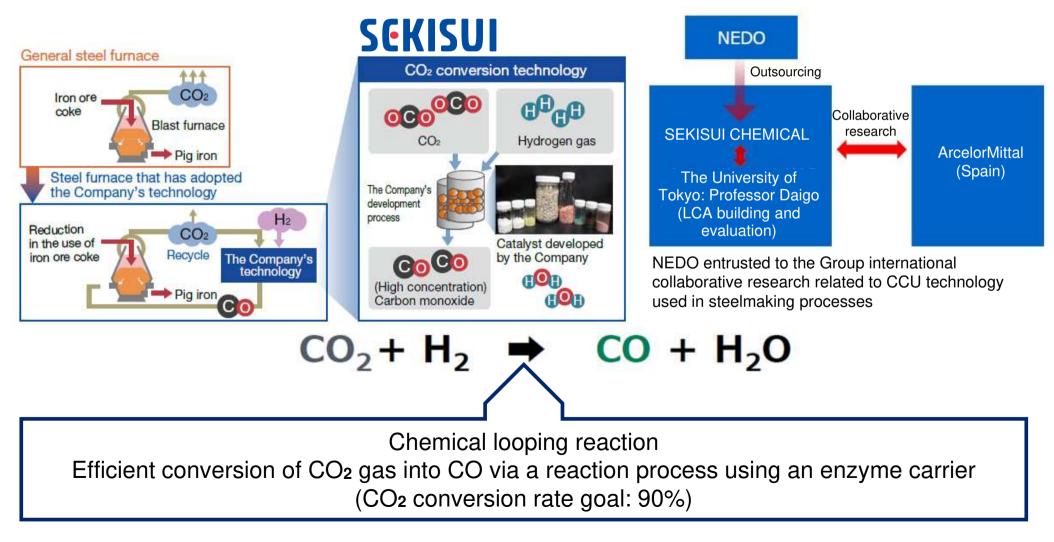
- Collaborating with JR WEST LABO on a project to achieve the first train station in JR West Japan with zero CO₂ emissions from its power usage
- Perovskite Solar Cell installation is planned for the plaza area of Umekita (Osaka) Station, which will open in 2025



Peace of Mind for the Future: Carbon Capture Utilization (CCU) Technology (Carbon Dioxide Recovery and Effective Use)

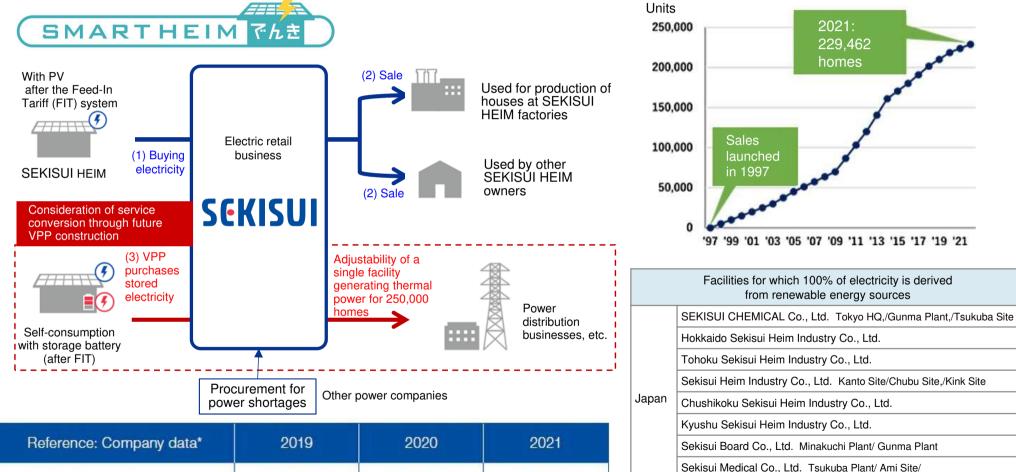


- The greenhouse gas carbon dioxide (CO₂) is broken down into carbon monoxide (CO) and water (H²O) using a catalyst developed by the Company, and this carbon monoxide can then be effectively utilized for blast furnace fuel as a substitute for coal due to its reducibility and superb reactivity
- In 2021, we formed a partnership project with ArcelorMittal for collection and reuse of CO₂ emitted from steelmaking
- By realizing CO₂ recycling, we aim to reduce CO₂ emissions in the steelmaking industry



A Service Section (1) The Future: SMART HEIM DENKI Power Trading Service

Following the end of the FIT system, Smart Heim Denki is a new power utilization method through which the Company purchases excess electricity from SEKISUI HEIM homeowners, sells it to our manufacturing plants, offices, and other facilities, and utilizes this electricity with no waste, contributing to the environment.



Total Number of Sekisui Heim sold with Solar Panels Installed

Drug Development Solutions Center

SEKISUI ALVEO B.V.

Nether

lands

Spain

SEKISUI S-LEC B.V. Film Plant,/Resin Plant

SEKISUI SPECIALTY CHEMICALS EUROPE S.L.

SEKISUI POLYMATECH EUROPE B.V.

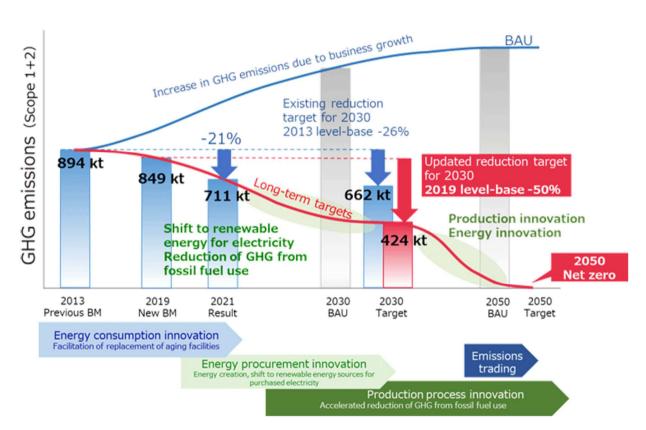
Reference: Company data*	2019	2020	2021
Installed solar panel area	374,000 m ²	360,000 m ²	400,000 m ²
Total installed solar panel capacity*	50 MW	50 MW	60 MW

*Total installed solar panel capacity now exceeds 1,250 MW. As a result, total annual electricity generation is equivalent to the electricity consumed by a city with a population of 500,000 people.





- Proactively carried out initiatives for the large-scale social problem of climate change, becoming the first in our industry to receive SBT certification in 2018.
- Our goal for 2030 was achieving a 26% reduction in GHG emission volume vs fiscal 2013, and as of 2021 we had achieved a 21% reduction. For this reason, this goal was changed in October 2022 (to a 50% reduction vs fiscal 2019). This new goal corresponds to the 1.5°C goal of the Paris Agreement, and we have applied for SBT certification once again.



Greenhouse Gas (GHG) Emissions from Business Activities



GHG Emissions from the Supply Chain (Scope3)



Item	Indicator	FY2021 Results	Mid-term targets (FY2022)	FY2030 (New)	FY2050	Notes	
	Ratio of renewable energy in purchased electricity	19.7%	20%	100%	(Convert all energy used to renewable energy)	Join RE100	
GHG reduction	Reduce GHG emissions generated by business activities: Scope1+2	-21.1% (vs FY2013)	-9% or more (vs FY2013)	-50% or more (vs FY2019)	Zero GHG emissions	Acquire certification from SBT Initiatives (by 2030)	
	Reduce GHG emissions in supply chain: Scope3	-1.3% (vs FY2016)	—	-30% or more (vs FY2019)	—		
Energy saving	Energy consumption for unit of output	-1.5% (vs FY2019)	-3% or more (vs FY2019)	-10% or more (vs FY2019)	—		

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Our Goal

What We Aim to Achieve (in 2030 and Beyond)

SEKISUI

- Our path as a company is a history of continuously tackling and finding solutions to increasingly diverse social issues. Our approach is to offer products, technologies, and services created through a value-creating business model focused on process creation and <u>adaptability</u>.
- We will continue to make efforts, take on challenges, and carry out innovations to contribute to the realization of a sustainable society, with our Products to Enhance Sustainability at the core of these initiatives. We are working to achieve our 2030 long-term vision and further increase our corporate value prior to the 100th anniversary of the Company's founding.



SEKISUI



This slide presentation contains forward-looking statements. These statements are based on current expectations and beliefs. However, actual results may differ from those expressed or implied due to a number of factors and uncertainties such as changes in the global economy and our business, competition in the market, and regulatory issues.

Note: Figures denominated in units of 100 million JPY are rounded off to the nearest hundred million.