May 28, 2020

Current Priority Management Issues and Business Strategy



President



Updated in August 2020

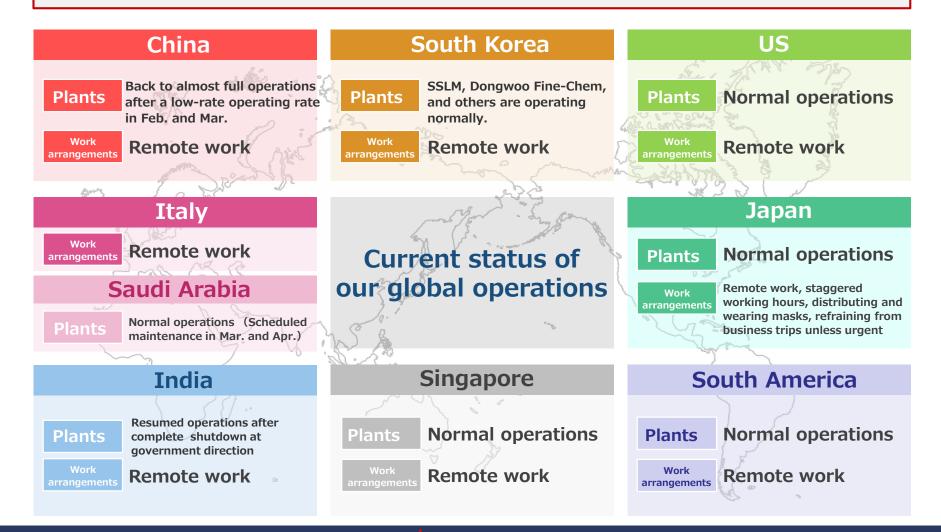
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I Performance Trends

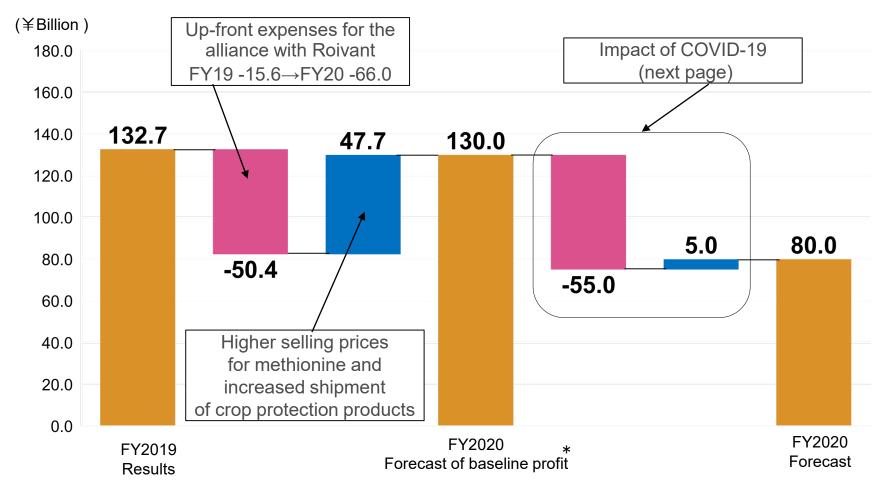


No significant impact on operations to date

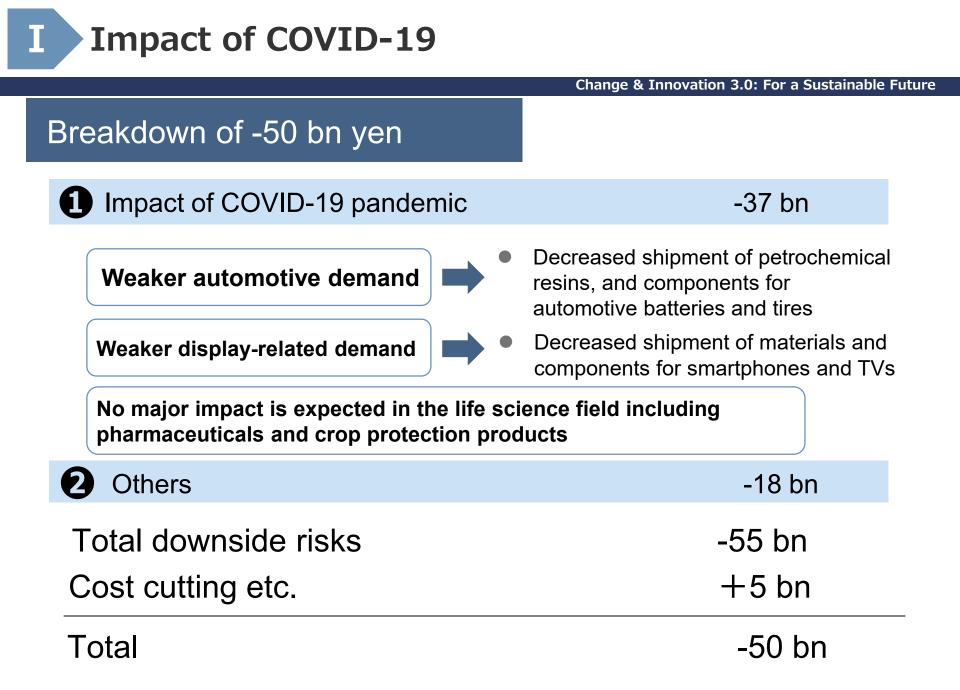


(Bil	lions	of	von	۱
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	FY2020 Forecast	FY2019	Change
Sales revenue	2,215.0	2,225.8	-10.8
Core operating income	80.0	132.7	-52.7
Non-recurring items	-10.0	4.9	-14.9
Operating Income (IFRS)	70.0	137.5	-67.5
Finance income/expenses, income tax expenses, and net income attributable to non- controlling interests	-50.0	-106.6	+56.6
Net Income Attributable to Owners of the Parent	20.0	30.9	-10.9
Naphtha Price	¥30,000/kl	¥42,900/kl	
Exchange Rate	¥108.00/\$	¥108.70/\$	



* Disclosed at May 28 conference call of Management Issues and Business Strategy



I FY2020 Core Operating Income by Sector vs. FY2019

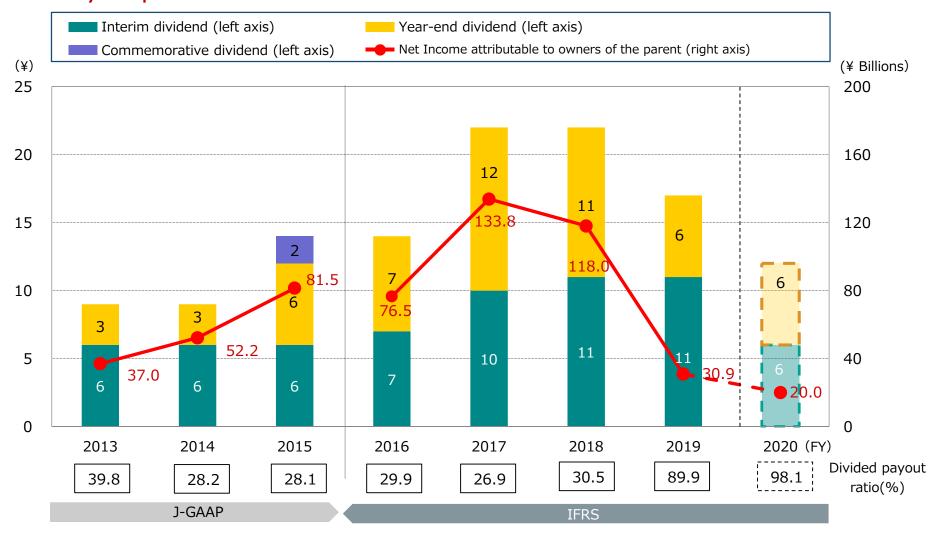
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(Billions of yen)

	FY2020 Forecast	FY2019	Change	Reasons for Change
Petrochemicals & Plastics	-28.0	14.5	-42.5	Weaker petrochemical markets, periodic shutdown maintenance of Petro Rabigh, and decreased shipment due to Covid-19 impact
Energy & Functional Materials	17.0	20.3	3.3	Decreased shipment due to Covid-19 impact
IT-related Chemicals	23.0	25.1	-2.1	Decreased shipment due to Covid-19 impact
Health & Crop Sciences	31.0	2.1	28.9	Increased market price of methionine, and increased shipment of crop protection products
Pharmaceuticals	37.0	75.3	-38.3	Increase in up-front expenses due to strategic alliance
Others	0.0	-4.6	4.6	
Total	80.0	132.7	-52.7	

Shareholder Returns

For fiscal 2020, we plan to pay our shareholders an annual dividend of 12 yen per share.



I Progress on the Corporate Business Plan

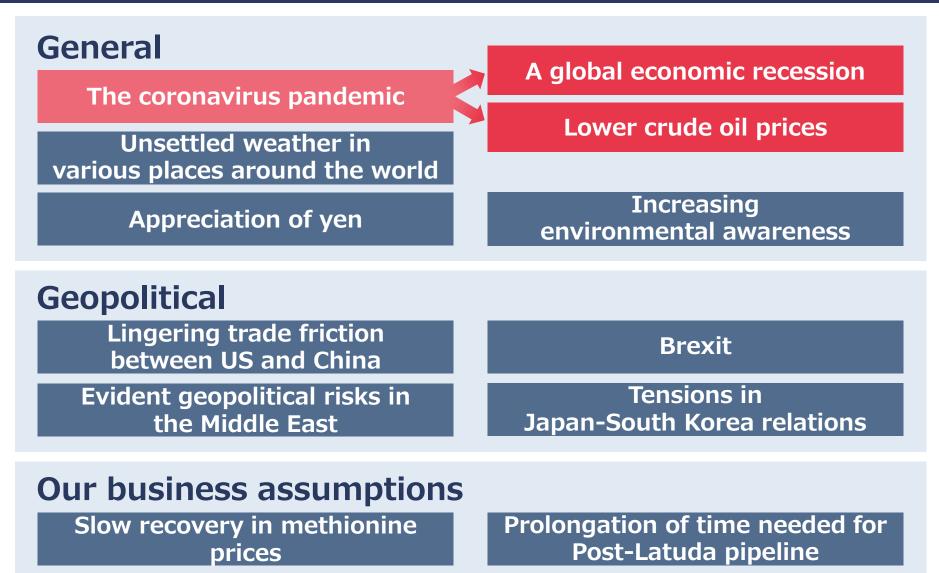




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Changes in the Business Environment

(Medium-term perspective)



Change in the Business Environment (Past six months)

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Changes in business environment in the past six months

Good News

New South-American crop protection businesses coming into operation

Launch of INDIFLIN in Japan

Development of acquired post-LATUDA blockbuster candidates making good progress

Rebounding methionine prices

Reorganizing R&D teams for the development of chemical recycling technology

Bad News

The coronavirus pandemic

Serious global economic downturns

Underperforming PRC

Weaker petrochemical markets

Promising Products and Technologies

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The items marked in red to be highlighted later in today's presentation

Corporate Research	Synthetic biology	Waste water processing technology with low environmental impact	
Petrochemicals & Plastics	Chemical recycling		
Energy & Functional Materials	Next-generation LCP	Solid-type batteries	
IT-related Chemicals	Compound semiconductors	Flexible display components	Polymer light-emitting materials
Health & Crop Sciences	INDIFLIN™ fungicide	A2020 herbicide	Biorationals
Pharmaceuticals	Alliance with Roivant	SEP-363856 antipsychotic	Regenerative medicine & cell therapy









Petrochemicals & Plastics Topics: Expanding Catalyst Sales and Technology Licensing Business

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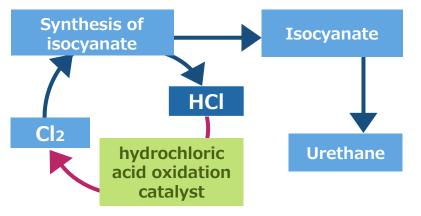
Enhancing the licensing business

Propylene oxide production technology: PO-only process (PO Cumene Process)

Granted license to one of India's leading government-owned oil companies in 2019

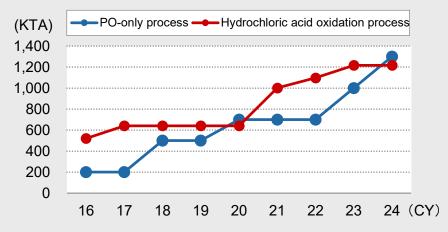
- No by-products
- Higher yields, lower environmental impact

Hydrochloric acid oxidation process



- Recycling by-products into raw materials
- Significantly saves energy

Licensee facilities



Completed construction of new catalyst manufacturing lines at Chiba Works

Start of operations		
PE•PP catalysts	2Q FY2019	
PO catalysts	3Q FY2019	

Expand technology licensing and catalyst sales business and achieve stable revenue

Business Strategy: Energy & Functional Materials Sector

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FY2019-FY2021 Corporate Business Plan

Action plan & major issues

- Expand sales of core products (including battery materials and super engineering plastics), accelerate R&D
- Shift to high value-added products

- Improve profitability of underperforming businesses and products
- Create new businesses in the fields of environment and energy and high-performance materials

- Concluded sales and manufacturing technical support agreements with a European battery manufacturer (Precursors for cathode material)
- Expanding sales in new applications:

 (i) high-speed data transmission connectors for data centers, and (ii) high-speed electric chargers (Super engineering plastics)

Progress

- Established a joint venture for processing and R&D for compound (Super Engineering Plastics)
- Shifting to high-value-added products in EPDM and other areas
- Accelerating the development of next-generation battery materials (Opened an industry-academia joint research course at Kyoto University)



Energy & Functional Materials Sector Topics: 5G and CASE (Super Engineering Plastics)

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Increased demand for high-frequency appications

5G communication using high-frequency bands require substrates with lower permittivity and a lower dielectric loss tangent.

The characteristics of LCP well match these requirements



Substituting metal components for automobiles

Proposing designs that leverage the shapeability and functionality of super engineering plastics



No. of cases where LCP has been newly adopted for use in automobiles



Right on track for wide commercialization

Business Strategy: IT-related Chemicals Sector

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FY2019-FY2021 Corporate Business Plan	1 Stringer
Action plan & major issues	Progress
• Structural reform of polarizing film business	 Expand the sales of liquid crystal-coated retardation film made in-house Expand the high-end field with liquid crystal-coated polarizer made in-house Full-scale entry into the automotive field
• Capture demand by aggressively investing in future market growth in the semiconductor materials business	 Started operations at new and expanded plants for semiconductor process chemicals in Changzhou and Xi'an A new plant for photoresists has been constructed, scheduled to start operations in FY2020 Decided to enhance photoresist development and QA capabilities
• Expand touchscreen panel product portfolio	Focus on developing next-generation products including 5G antennas
• Develop next generation businesses	 Started full-scale mass production of flexible materials (window films) and making progress in development of multi-functional materials and components Expand the sales of GaN epiwafers to meet increasing demand in 5G communication infrastructure applications Started mass production of polymer OLED materials

Current Priority Management Issues and Business Strategy SUMITOMO CHEMICAL

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IT-related Chemicals Sector Topics : Actions to definitely capture the growing demand for semiconductor materials Change & Innovation 3.0: For a Sustainable Future

Semiconductor Market

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AI 5G

Demand for advanced semiconductors anticipated to grow over the medium- to long-term

6 % growth rate

Trends for advanced electronic devices:

Micro-miniaturized/ multi-layered wiring

Our efforts

Increasing production capacity Semiconductor cleaning agent (China)

In operation from 2019

- Photoresists (Japan)
- To be in operation from 2020

Start mass-production of EUV photoresists soon

Serving customers in China from our eastern and western regional bases



Expand high-function chemical business

Develop and expand sales of high-function products with special features
 Develop and expand sales of high-function chemicals for use in circuits other than logic and memory circuits

Expand GaN epiwafer business

Aiming to increase sales revenue for the semiconductor materials business 1.5 times* by FY2021 over FY2018

Build photoresist development and QA system Constructing a new building and introducing new evaluation equipment for a full-scale supply of advanced semiconductor materials

To be in operation from 2022

Business Strategy: Health & Crop Sciences Sector

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FY2019-FY2021 Corporate Business Plan

Action plan & major issues	Progress			
 Steadily develop and launch new crop protection chemicals 	 Completed the application for the registration of agricultural insecticide pyridachlometyl in Japan. INDIFLIN™ registered in Japan. Completed modification of existing facilities for production of INDIFLIN™ 			
• Establish a global footprint in the crop protection business	 Completed acquisition of four South American subsidiaries of Nufarm Merged two crop protection subsidiaries in India 			
 Strengthen and expand biorationals business 	 Developed a dedicated unit for biorationals to expand sales in the US 			
• Expand methionine sales and strengthen earnings power	 Achieving higher sales and reducing costs by integrating facilities 			
• Accelerate the global expansion of the environmental health business	 Pursuing a global sales strategy for botanical products 			
• Develop the nucleic acid medicine business and expand the application of the technolog	long chain nucloic acide and stopping up otterts tor			

Health & Crop Sciences Sector Topics: Pipelines

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B2020

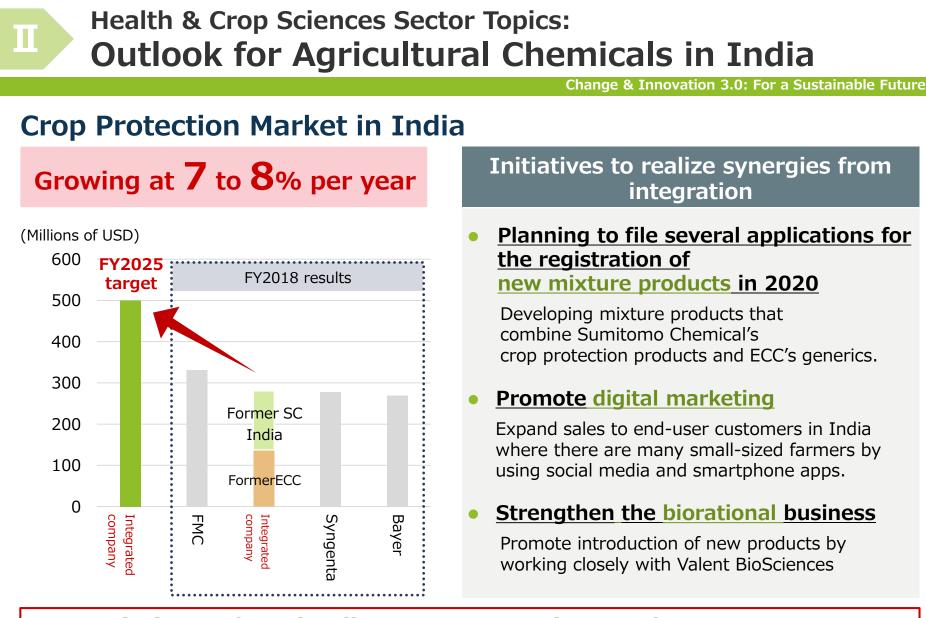
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Compound	Use	Evaluation	Full-scale development	Registration	Market launch
INDIFLIN [™] (inpyrfluxam)	Agricultural fungicide e.g. Soybean rust		Completed	Registered in Japa	
PAVECTO™ (methyltetraprole)	Agricultural fungicide e.g. Septoria		Completed	☑ Submitted	✓ Launched in Japan
ALLES [™] (oxazosulfyl)	Agricultural insecticide e.g. Major rice pests etc.		Completed	Submitted	in 2020 ☑ Scheduled
Product Name Undecided (pyridaclomethyl)	Agricultural fungicide e.g. Field crop and vegetable diseases		Completed	Z Submitted	to be launched in South America
					in 2021

A2020

Pipeline A	Agricultural plant growth regulator	☑ Submitted
Pipeline B	Next generation herbicide effective against herbicide-resistant weeds	Full-scale development in progress
Pipeline C	Botanical insecticide for agriculture and household hygiene	Full-scale development in progress
Pipeline D	Agricultural insecticide to control insecticide-resistant pests	Evaluation in progress

Potential sales revenue: approx. ¥150-200 billion in total



Aiming to be a leading crop protection products company in India's rapidly growing market

Business Strategy: Pharmaceuticals Sector

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FY2019-FY2021 Corporate Business Plan

Action plan & major issues

tion plan & major is

- Enhance drug development capabilities and improve the success rate in R&D
- Maintain earnings power after Latuda's loss of exclusivity



- Launch new products in oncology
- Explore frontier fields
- Develop theranostics business and strengthen the competitiveness of existing radioactive diagnostics business

Progress

- Strategic Alliance with Roivant Sciences
 - Acquired late-stage assets
 - Relugolix: New drug application filed for uterine fibroids in Europe and the US, and for prostate cancer in the US
 - Vibegron: New drug application filed for overactive bladder in the US
 - Acquired data science technology platforms, such as "DrugOme", to accelerate digital innovation
- Sublingual film for the treatment of Parkinson's disease off episodes approved
- Continuing trials of napabucasin for colorectal cancer
- Promoting R&D of new healthcare solutions using cognitive activation therapy and biological sensing technology
- R&D site for radiopharmaceuticals will be operationnal in spring 2020.

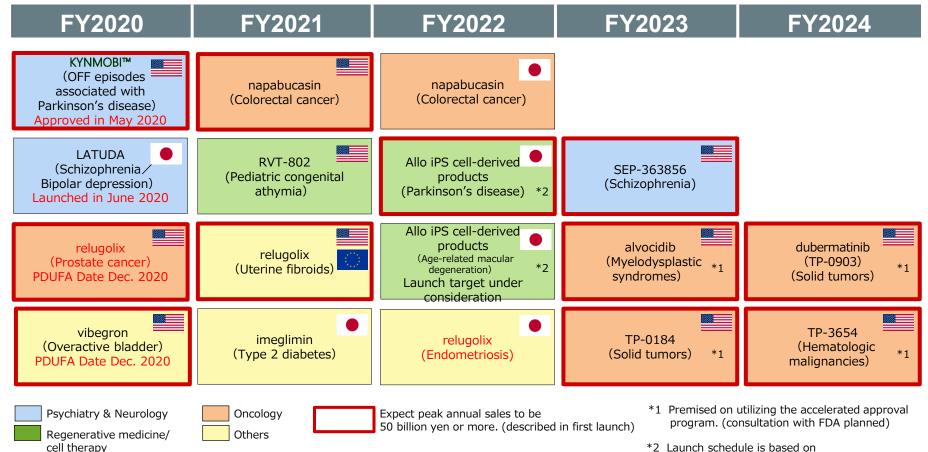
Pharmaceuticals Sector Topics : Development Pipeline

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Product Launch Target

(as of July 30, 2020)

* Changes made in May 2020 onward are shown in red.



our targets, pending agreement with partners.



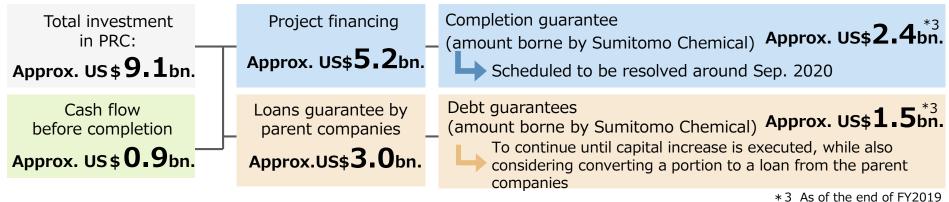




Progress of the Phase II Project

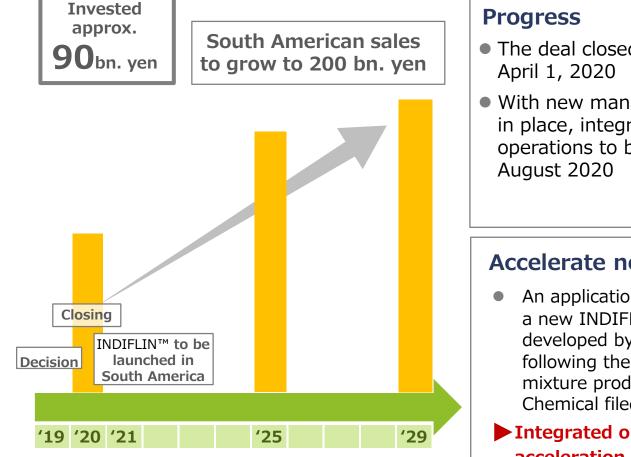


Investment and Completion Guarantee



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Acquired four South American subsidiaries of Nufarm (Brazil, Chile, Argentina and Columbia)



- The deal closed on
- With new management in place, integrated operations to begin in



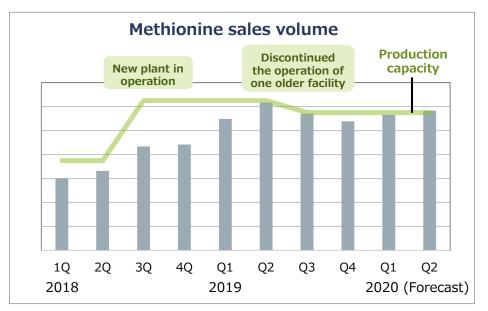
Plant in Fortaleza, Brazil

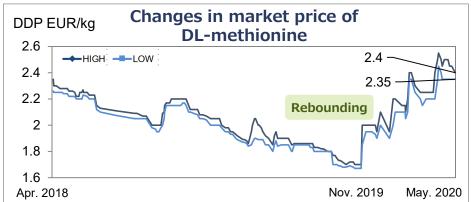
Accelerate new product development

An application for the registration of a new INDIFLIN[™] mixture product developed by Nufarm has been submitted, following the application for an INDIFLIN[™] mixture product developed by Sumitomo Chemical filed in 2017.

Integrated operations lead to further acceleration of new product development.

Increased Competitiveness in the Methionine Business





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Total manufactured volume sold out even after capacity expansion

- Increasing global sales capability
 - Increasing sales in existing regions (More market share with existing customers, more new customers)
 - Strengthening approaches to large-sized feed suppliers with global presence
- Fully leveraging the collaboration with ITOCHU
 - Strengthening promotion to large-sized feed suppliers to expand sales
 - Extending sales to new markets (Africa, CIS, Middle East)

Initiatives for improving profitability

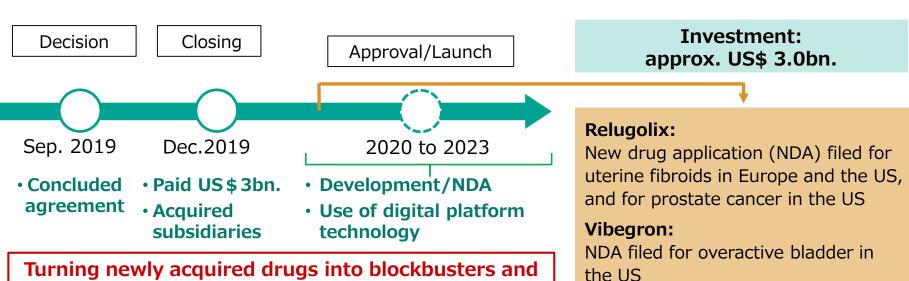
- Reduced maintenance costs by discontinuing production at obsolete plants
- Rationalizing production costs
- Rationalizing sales costs
- Considering further review of production capacity

Reduce the cost by several billions of yen per year

(Source) feedinfo.com/pages/DL_Methionine_99

Improve profitability by building the foundations for sales expansion and increasing cost competitiveness

Strategic Alliance with Roivant Sciences



our primary sources of revenue from 2023 onward

Purpose of this alliance



2

Acquire promising new drugs and compounds under development, including those that can turn into Post-Latuda blockbusters

- Promising compounds from five Roivant subsidiaries
- Options to acquire Roivant's shares in six additional subsidiaries*

Strengthen our ability to develop revolutionary new drugs

- Roivant's innovative digital platform technology
- Digital technology talent

* Options subject to certain conditions



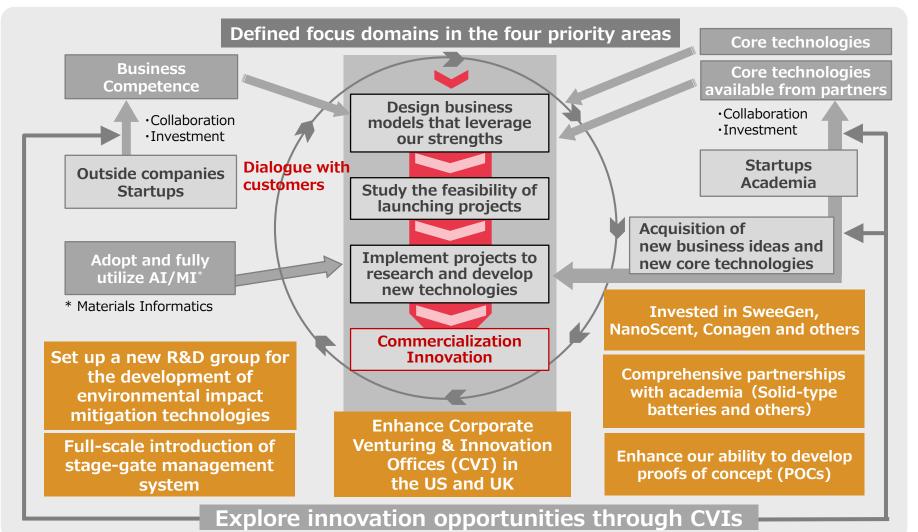




Building Our Innovation Ecosystem

Major progress in FY2019 Change & Innovation 3.0: For a Sustainable Future

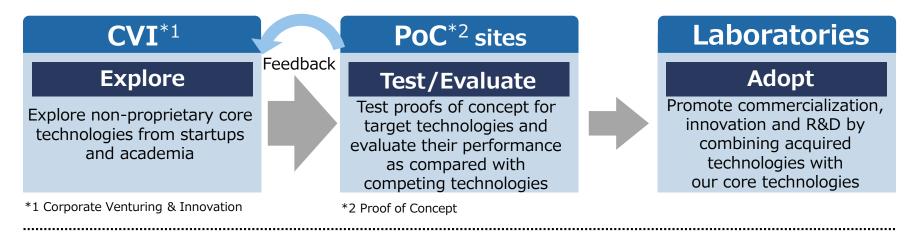
Our Innovation Ecosystem



Proliferation of Open Innovation

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Open innovation – Investing and validating non-proprietary core technologies –





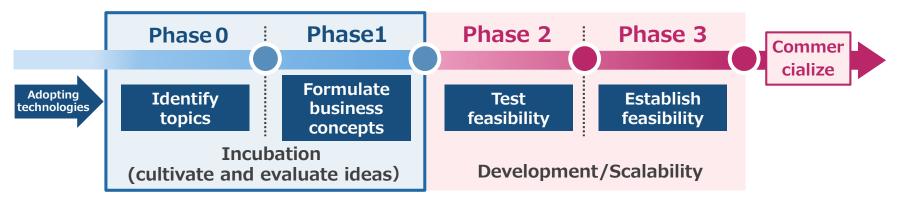
Expand CVI and PoC cites to explore, test and acquire promising technologies and accelerate collaboration with startups and academia

Stage-Gate Management of Research Projects

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- Enhance open innovation by increasing access to startups and academia via the CVI offices, and by strengthening PoC capability
- Fully implement a stage-gate system for managing research projects (starting FY2019)

Stage-gate management of research projects



☑ Significantly increased the number of projects in incubation at phases 0 and 1

Strategy

Over 50 projects, about twice as many as the previous year

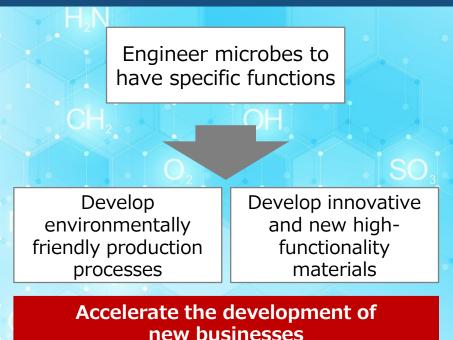
Also increased the number of Promising projects, likely to proceed to Phase 2 Solid-type batteries, chemically recyclable polymers, liquid crystalcoated polarizer, etc.

I Initiatives for Synthetic Biology

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Invested in U.S. biotechnology startups and conducting joint research

Use of synthetic biology in the development of materials



- Formed a strategic partnership with CONAGEN, a US synthetic biology startup that boasts a broad range of technology and know-how, from microbial design to mass production
- Driving development of innovative technologies and processes by promoting interaction among engineers and jointly exploring research areas

Sweegen

- Establish commercial production and marketing operations for SweeGen's next-generation stevia sweetener based on technology licensed from CONAGEN.
- Develop new technologies for refining and liquid waste treatment and new highly functional materials.

Z zymergen

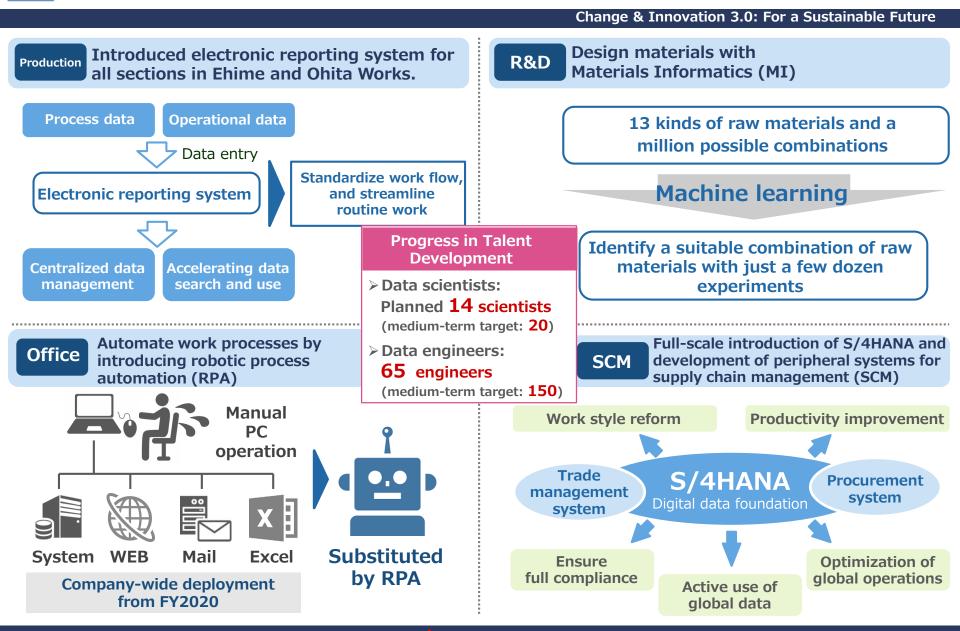
 Jointly develop breakthrough high-functionality chemicals with the use of Zymergen's digital technology

Drive innovation by integrating synthetic biology with chemical technology





Digital Innovation in Four Areas



III For Sustainable Growth

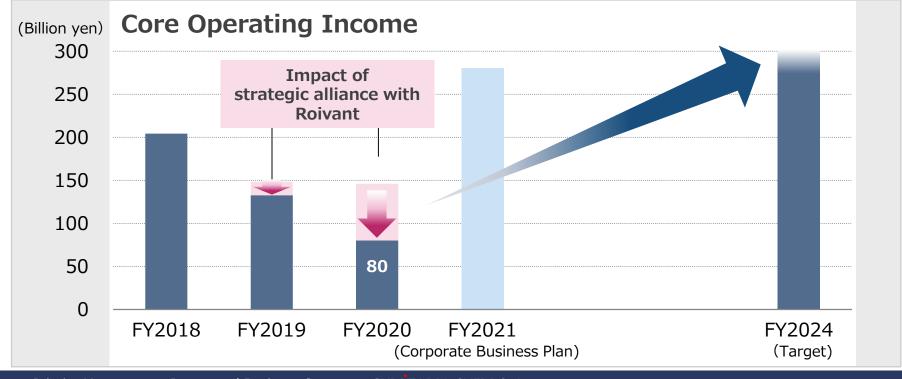




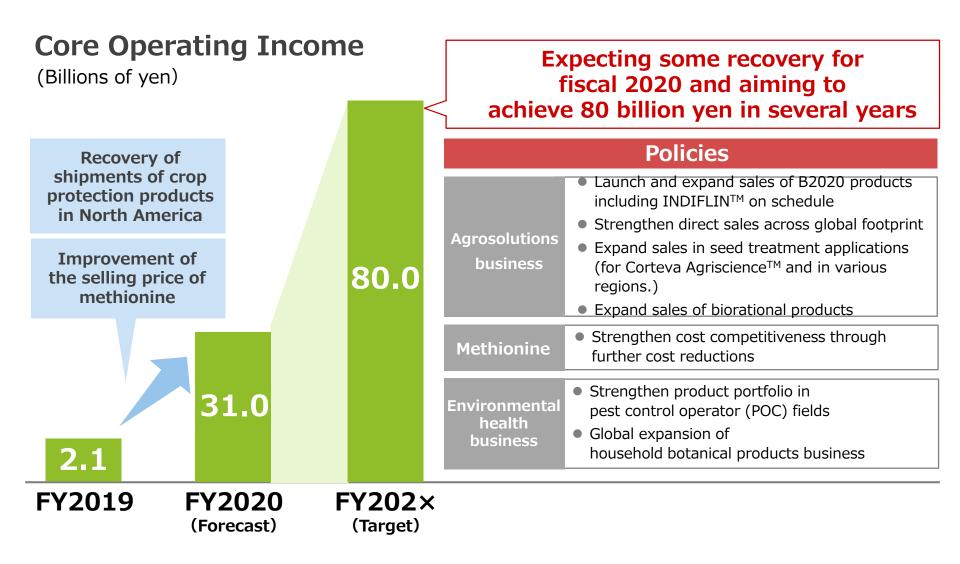
III Performance Forecast

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Difficult to achieve Future profit growth drivers the Corporate Business Plan targets by FY2021 Expansion of the crop protection business, Weak petrochemicals market primarily in South America and India Sluggish methionine market ☐ Launch of new products in the pharmaceuticals Delay in post-Latuda product development business ☑ Increased sales and development expenses due to the ☐ Launch of new high-functionality materials in alliance with Roivant, with newly acquired drugs yet to be the IT-related Chemicals and launched Energy and Functional Materials businesses

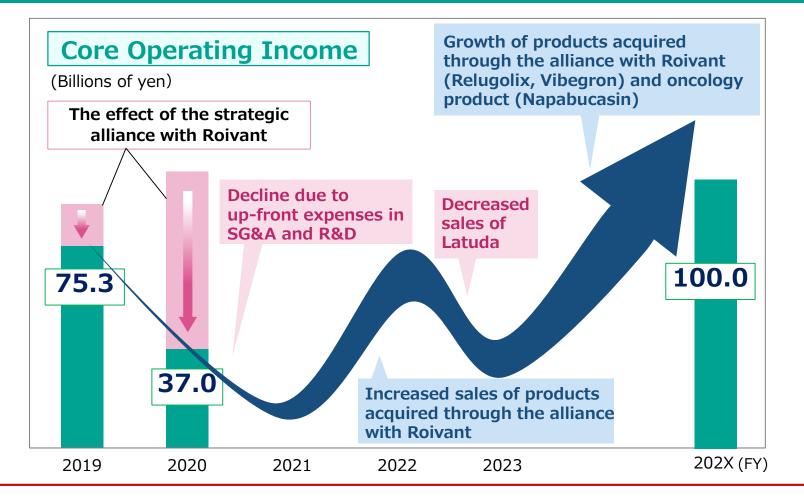


Outlook for the Health & Crop Sciences Sector



Outlook for the Pharmaceuticals Sector

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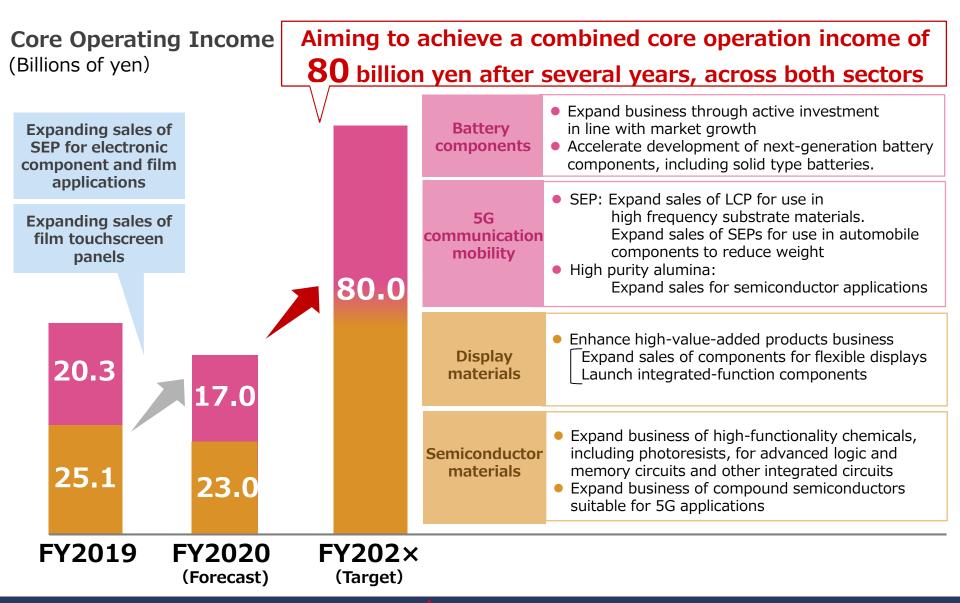


Expecting to overcome the LATUDA cliff and achieve long-term growth, after initial years of increased expenses and lower operating income, due to the investment in the alliance with Roivant

Outlook for the Energy & Functional Materials and the IT-related Chemicals Sector

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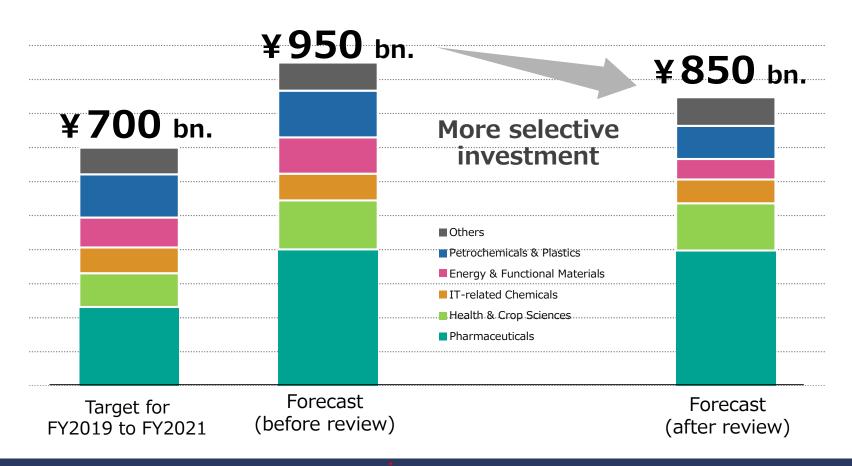


III Initiatives for Improving Financial Strength (More Selective Investment)

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Capital Expenditure and Investment (decision-making basis)

Due to two large-scale acquisitions, capital expenditures and investments have exceeded our initial projections.



Initiatives for Improving Financial Strength

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Asset Sales

☑ Decided to sell a portion of our cross-shareholdings, based on an evaluation by the Board of Directors

Equivalent to 20% of the approximately 85 billion yen* in listed shares held by the company

 \square Other asset sales

*: On a fair value basis at the end of fiscal 2019

On the order of 50 billion yen

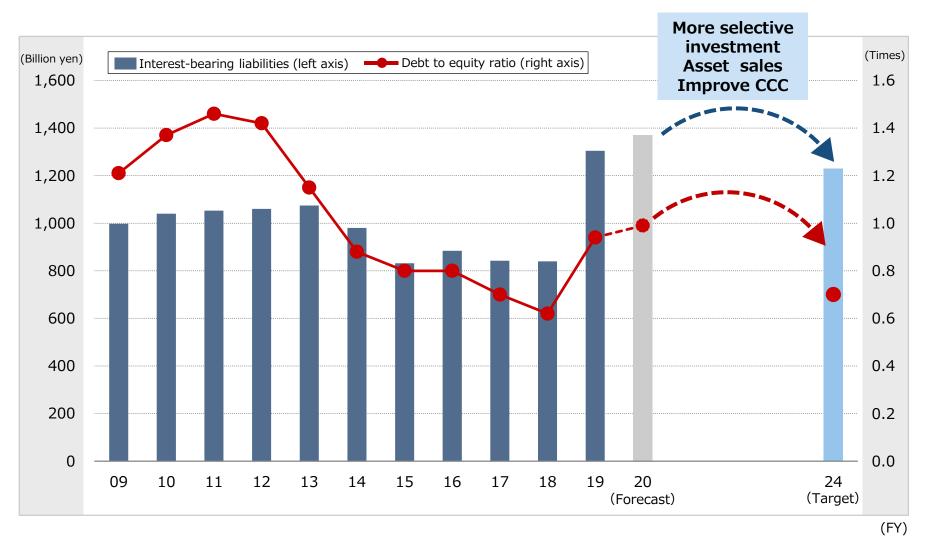
Improve the CCC

Phased reduction of the number of days in the cash conversion cycle, primarily by cutting back on inventory On the order of 50 billion yen

Initiatives for Improving Financial Strength

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Interest-bearing liabilities and debt to equity ratio







ESG-related external evaluation

	2017	2018	2019	Remarks
CDP	В	Α	Α	A is the top rating
FTSE (comprehensive)	2.8	4.0	4.2	5 is the perfect score
MSCI (comprehensive)	AAA	AAA	ΑΑΑ	AAA is the top rating
MSCI (Women)	5.8	6.2	6.0	10 is the perfect score
EcoVadis	Bronze	Silver	Gold	Gold is the top 5% level.

*1 FTSE Blossom Japan Index

*4 Carbon Disclosure Project

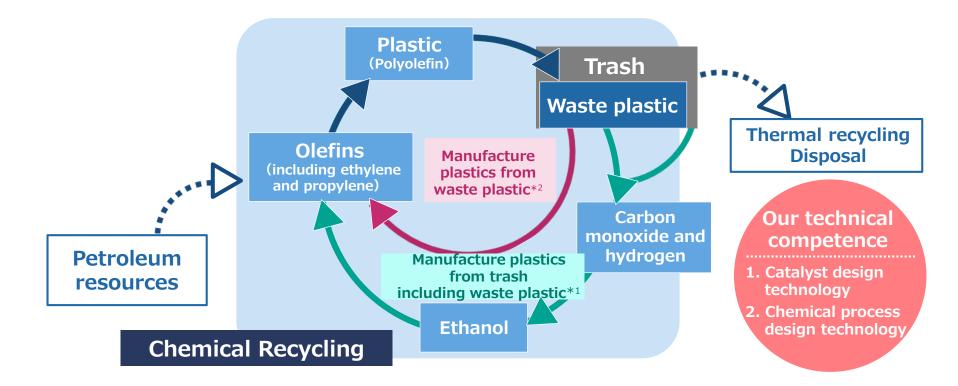
*2 MSCI Japan ESG Select Leaders Index

*3 MSCI Japan Empowering Women Index (WIN)

*5 EcoVadis Sustainability Ratings

Environment: Chemical Recycling Initiatives

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Use waste plastic and trash, instead of fossil fuel feedstock, to manufacture plastic

Solving social issues through the use of plastic products

Reduce food loss Improve energy efficiency and mitigate environmental impact by contributing to vehicle weight reduction Solution to social issues through the use of trash and waste plastic

Cut back on the use of fossil fuel feedstock Reduce trash and waste plastic Reduce green-house gas emissions

1: Sekisui Chemical undertakes manufacturing of ethanol using trash including waste plastic, *2: Joint research with Muroran Institute of Technology while Sumitomo Chemical manufacturing of plastic using ethanol.

Society: Contribution to Containment of the Coronavirus Pandemic

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Provided funds for NanoScent, a startup developing diagnostic sensors for COVID-19



universal influenza vaccines



Developing antiviral agents derived from natural plant extracts



Donated medical protective gear (incl. N95 masks and gowns)



Donated to the Kitasato Institute's Project for COVID-19

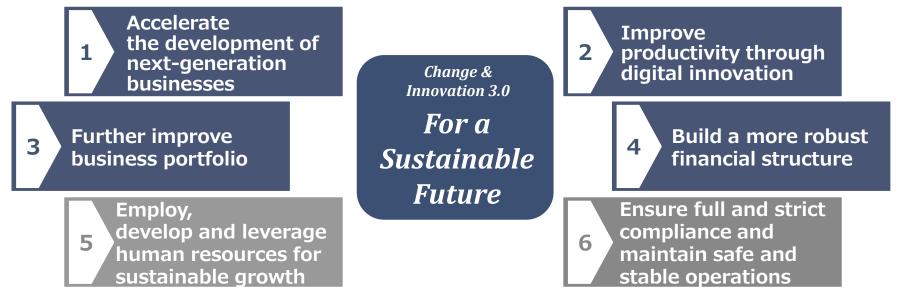
Contributing to containment of the coronavirus pandemic by leveraging the extensive power of chemistry







Corporate Business Plan: Basic Policies



Focus areas for FY2020

Focus on the further improvement of business portfolios



Maintain profitability amid the pandemic-induced recession

Enhance resilience generated by diverse business portfolio

☑ Carry through post-merger integration (PMI) for the large-scale acquisitions

Sharing Our Aspirations with Stakeholders

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Sumitomo Chemical creates economic value and social value integrally



Reducing environmental impact

Food issues

Healthcare

ICT innovation

Contribute to realizing a sustainable society through our business activities

- Sharing our aspirations with stakeholders -

Cautionary Statement

Statements made in this document with respect to Sumitomo Chemical's current plans, estimates, strategies and beliefs that are not historical facts are forward-looking statements about the future performance of Sumitomo Chemical. These statements are based on management's assumptions and beliefs in light of the information currently available to it, and involve risks and uncertainties.

The important factors that could cause actual results to differ materially from those discussed in the forward-looking statements include, but are not limited to, general economic conditions in Sumitomo Chemical's markets; demand for, and competitive pricing pressure on, Sumitomo Chemical's products in the marketplace; Sumitomo Chemical's ability to continue to win acceptance for its products in these highly competitive markets; and movements of currency exchange rates.