May 28, 2020

Current Priority Management Issues and Business Strategy





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Change & Innovation 3.0: For a Sustainable Future



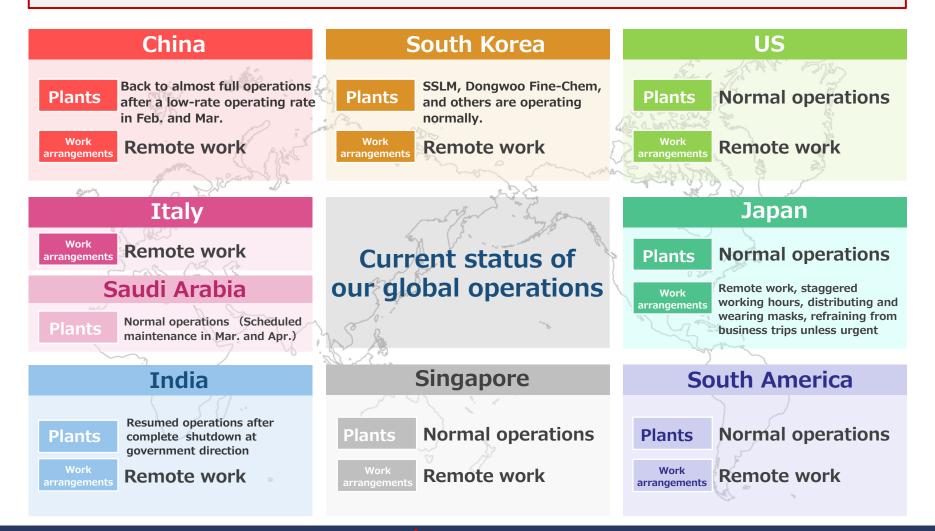
II Progress on the Corporate Business Plan 12



I Performance Trends



No significant impact on operations to date





			(Billions of yen)
	FY2019	FY2018	Change
Sales Revenue	2,225.8	2,318.6	-92.8
Core Operating Income	132.7	204.3	-71.6
Operating Income (IFRS)	137.5	183.0	-45.5
Net Income Attributable to Owners of the Parent	30.9	118.0	-87.1
Naphtha Price	¥43,000/kl	¥49,400/kl	
Exchange Rate	¥108.70/\$	¥110.92/\$	

FY2019 Core Operating Income by Sector vs. FY2018

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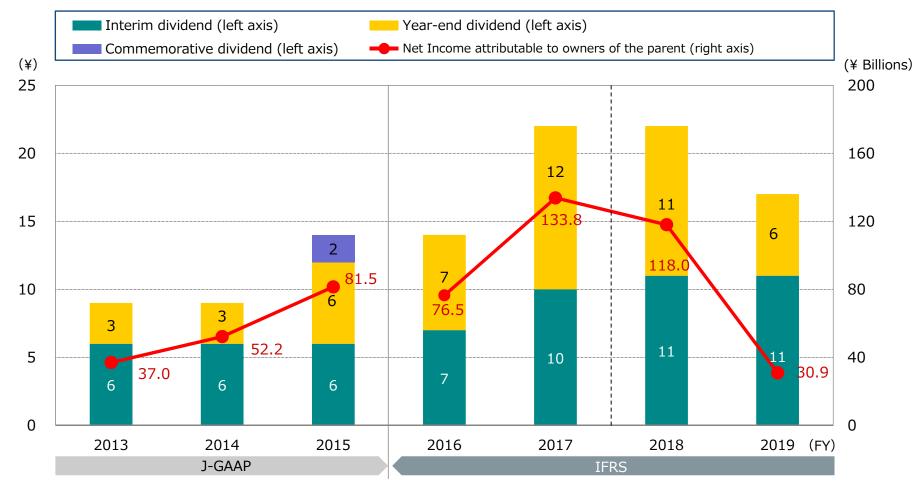
(Billions of yen)

	FY2019	FY2018	Change	Reasons for Change
Petrochemicals & Plastics	14.5	61.6	-47.1	Weak petrochemical markets
Energy & Functional Materials	20.3	23.0	-2.6	
IT-related Chemicals	25.1	26.2	-1.1	
Health & Crop Sciences	2.1	19.7	-17.6	Lower selling prices for methionine Lower sales volume for crop protection products
Pharmaceuticals	75.3	80.8	-5.5	Increased up-front expenses due to strategic alliance.
Others	-4.6	-7.0	2.4	
Total	132.7	204.3	-71.6	

Ι



We consider shareholder return as one of our priority management issues and have made it a policy to maintain stable dividend payment, giving due consideration to our business performance and a dividend payout ratio for each fiscal period, the level of retained earnings necessary for future growth, and other relevant factors. We aim to maintain a dividend payout ratio of around 30% over the medium to long term.





Assumptions

	FY2020 Forecast	FY2019
Naphtha Price	¥40,000/kl	¥43,000/kl
Exchange Rate	¥108.00/\$	¥108.70/\$

Forecast

(Billions of yen)

	FY2020 Forecast	FY2019	Change
Sales Revenue (baseline)*	2,490.0	2,225.8	264.2
Core Operating Income (baseline)*	130.0	132.7	-2.7

*Before factoring in downside risks including the COVID-19 pandemic

+Estimated effects of downside risks on FY2020 core operating income: a decline of 20.0 to 50.0 bn. yen

FY2020 core operating income after factoring in downside risks: 80.0 to 110.0 bn. yen 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	5.0	14.5	-9.5	Weaker petrochemical markets
Energy & Functional Materials	26.0	20.3	5.7	
IT-related Chemicals	32.0	25.1	6.9	
Health & Crop Sciences	33.0	2.1	30.9	Recovery in the shipment volume of crop protection products
Pharmaceuticals	37.0	75.3	-38.3	Increase in up-front expenses due to strategic alliance
Others	-3.0	-4.6	1.6	
Total	130.0	132.7	-2.7	
	+			

Estimated effects of downside risks on FY2020 core operating income: a decline of 20.0 to 50.0 bn. yen

Downside Risks and Effects on Core Operating Income

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Effect of the COVID-19 pandemic: A decline of 15.0 to 35.0 bn. yen

Weaker automotive demand

- Decreased shipments and lower market prices for petrochemical resins
- Decreased shipments of materials and components for automotive batteries and tires

Weaker display demand

Others

 Decreased shipment of materials and components for smartphones and TVs

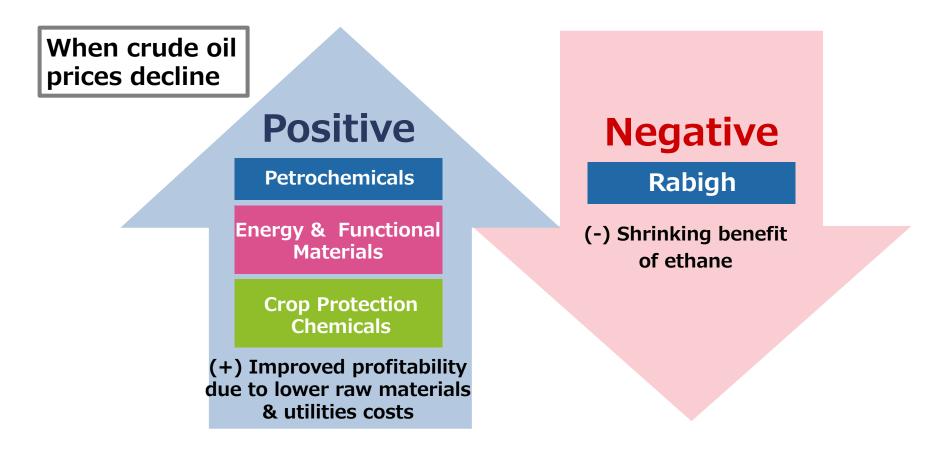
No major impact is expected in the life science field including pharmaceuticals and crop protection products.

: A decline of 5.0 to 15.0 bn. yen

Effects on FY2020 core operating income (rough estimate):

a decline of 20.0 to 50.0 bn. yen





No material impact on core operating income on a consolidated basis as positive and negative effects offset each other.*

* depending on currency exchange rates and the scale of related businesses

I Progress on the Corporate Business Plan







Changes in the Business Environment

(Medium-term perspective)

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General	A global aconomic recossion
The coronavirus pandemic	A global economic recession
Unsettled weather in various places around the world	Lower crude oil prices
Appreciation of yen	Increasing environmental awareness
Geopolitical	
Lingering trade friction between US and China	Brexit
Evident geopolitical risks in the Middle East	Tensions in Japan-South Korea relations
Our business assumptions	
Slow recovery in methionine prices	Prolongation of time needed for Post-Latuda pipeline



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



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



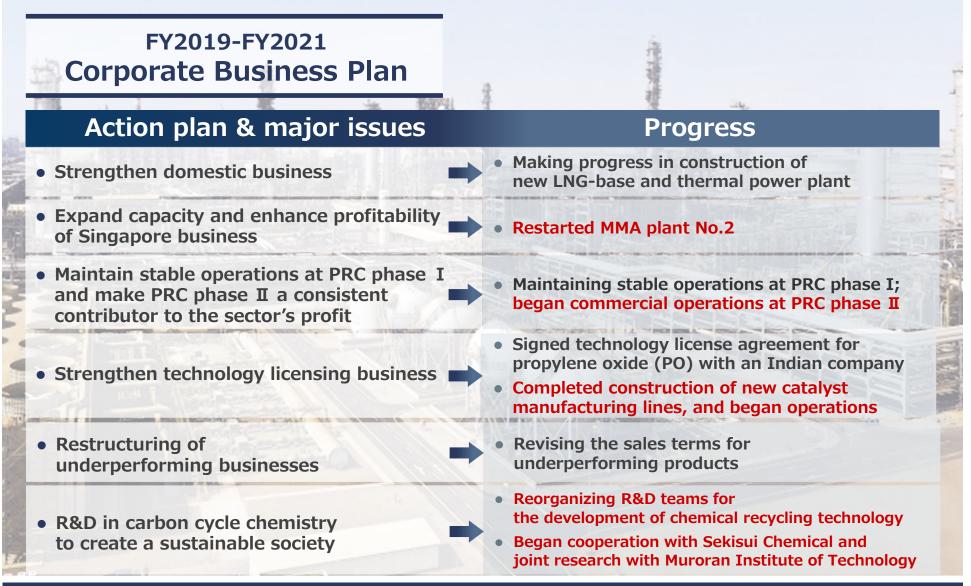


Business Strategy:

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Petrochemicals & Plastics Sector

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Petrochemicals & Plastics Topics:

Expanding Catalyst Sales and Technology Licensing Business

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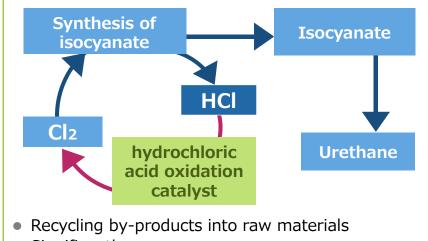
Enhancing the licensing business

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

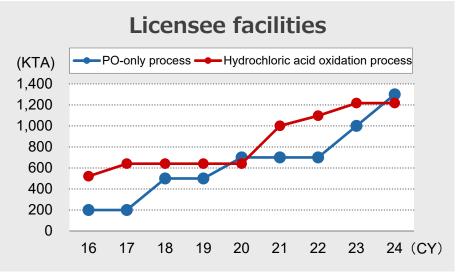
Granted license to one of India's leading government-owned oil companies in 2019

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

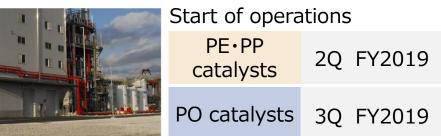




• Significantly saves energy



Completed construction of new catalyst manufacturing lines at Chiba Works



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

Progress

- 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)
- 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

Action plan & major issues

- Structural reform of polarizing film business
- Capture demand by aggressively investing in future market growth in the semiconductor materials business
- Expand touchscreen panel product portfolio
- Develop next generation businesses

Progress

- 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
- 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
- Focus on developing next-generation products including 5G antennas
- 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

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)

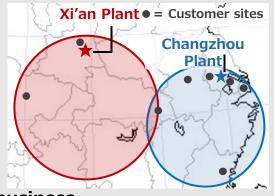
In operation from 2019

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

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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 technology	 Working to establish a production technology for long-chain nucleic acids and stepping up efforts fo commercialization.



Health & Crop Sciences Sector Topics: Pipelines

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B2020

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
Product Name Undecided (pyridaclomethyl)	Agricultural fungicide e.g. Field crop and vegetable diseases		Completed	Submitted	to be launched in South America
10000	-				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

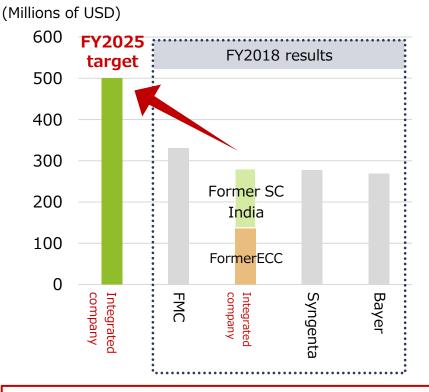


Health & Crop Sciences Sector Topics: Outlook for Agricultural Chemicals in India

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Crop Protection Market in India

Growing at 7 to 8% per year



Initiatives to realize synergies from integration

 <u>Planning to file several applications for</u> <u>the registration of</u> <u>new mixture products in 2020</u>

Developing mixture products that combine Sumitomo Chemical's crop protection products and ECC's generics.

Promote digital marketing

Expand sales to end-user customers in India where there are many small-sized farmers by using social media and smartphone apps.

<u>Strengthen the biorational business</u>

Promote introduction of new products by working closely with Valent BioSciences

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
- Strengthen innovation through new drug discovery approaches
- Launch new products in oncology
- Explore frontier fields
- Develop theranostics business and strengthen the competitiveness of existing radioactive diagnostics business

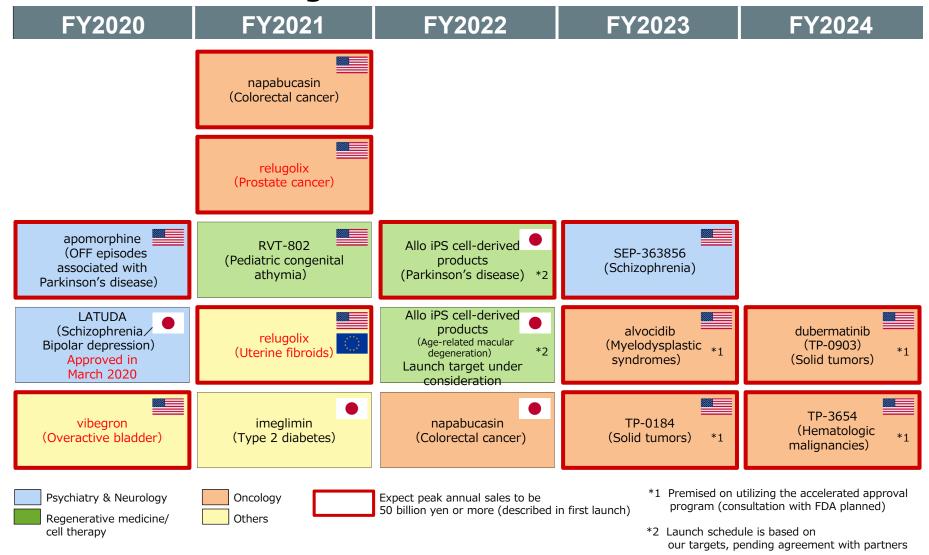


Progress

- Strategic Alliance with Roivant Sciences
 - Acquired late-stage assets
 - Relugolix: New drug application filed for uterine fibroids in Europe and 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.



Product Launch Target

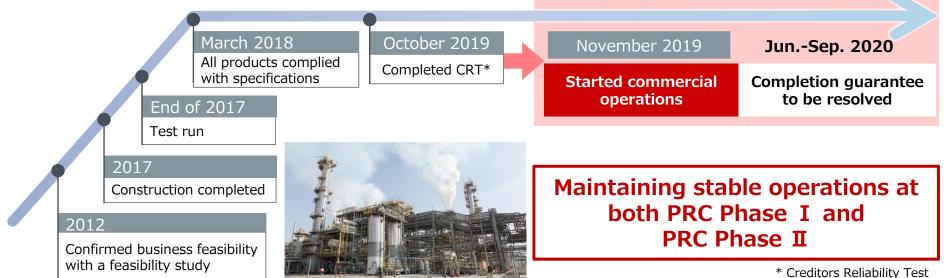




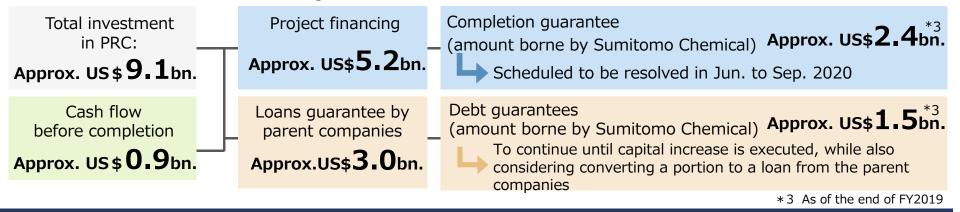




Progress of the Phase II Project



Investment and Completion Guarantee



Acquisition of Four South American Subsidiaries of Nufarm

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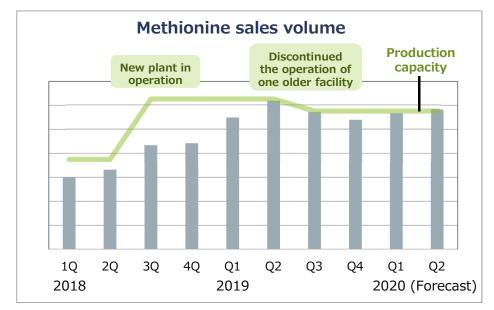
Acquired four South American subsidiaries of Nufarm (Brazil, Chile, Argentina and Columbia)

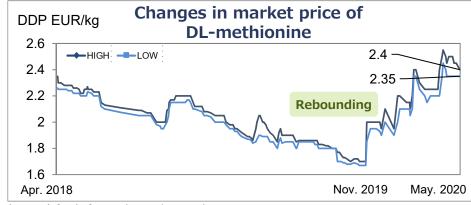


Increased Competitiveness in the Methionine Business

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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

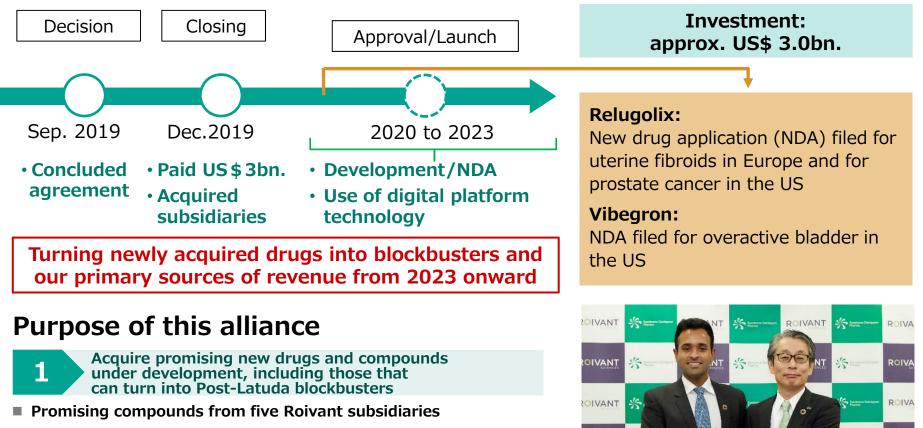
Reduce the cost by several billions of yen per year

(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

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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

2

* Options subject to certain conditions





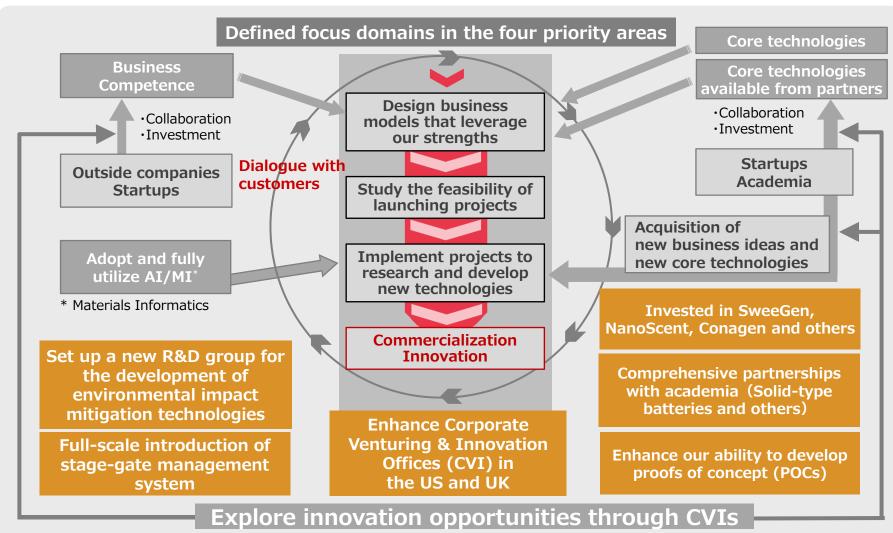


Building Our Innovation Ecosystem

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

Our Innovation Ecosystem

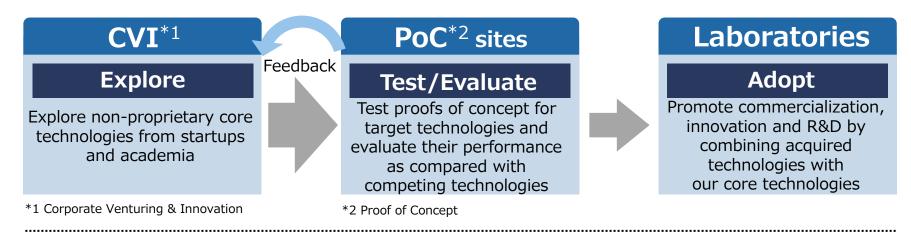


Proliferation of Open Innovation

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





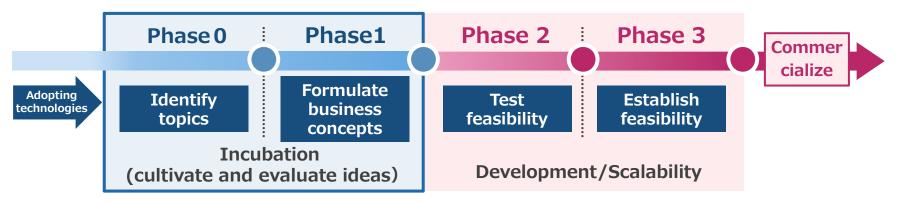
and accelerate collaboration with startups and academia



- 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

Strategy



Over 50 projects, about twice **☑** Significantly increased the number of projects in incubation at phases 0 and 1

☑ Also increased the number of **Promising projects**, likely to proceed to Phase 2

as many as the previous year

Solid-type batteries, chemically recyclable polymers, liquid crystalcoated polarizer, etc.

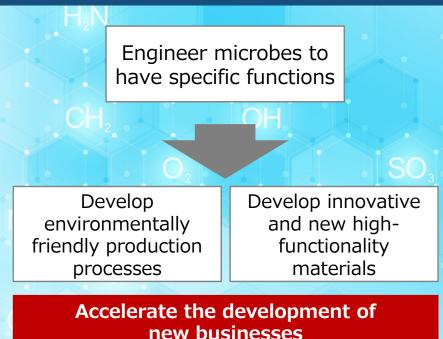
Initiatives for Synthetic Biology

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

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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

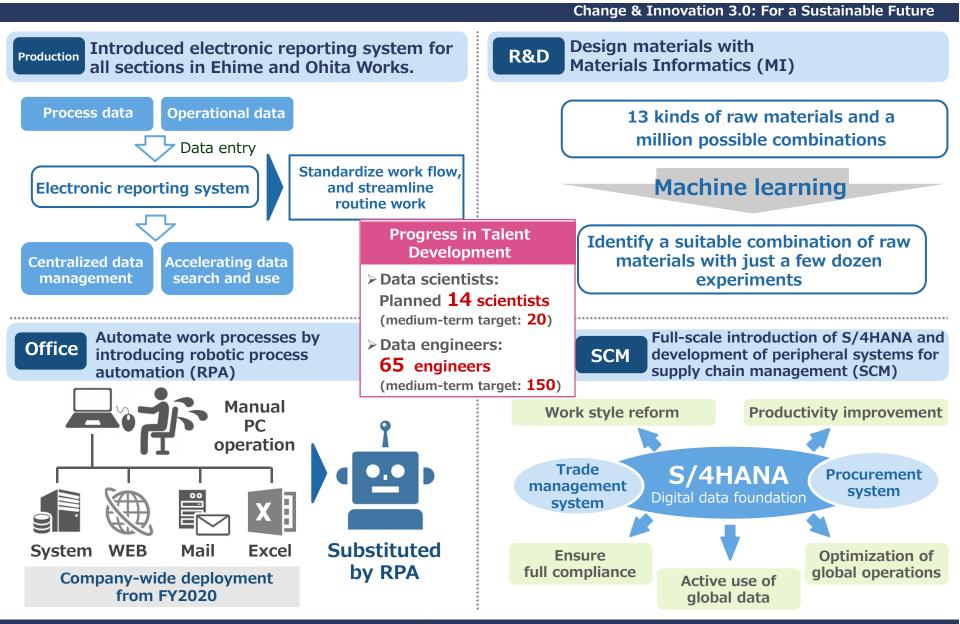
Drive innovation by integrating synthetic biology with chemical technology







Digital Innovation in Four Areas



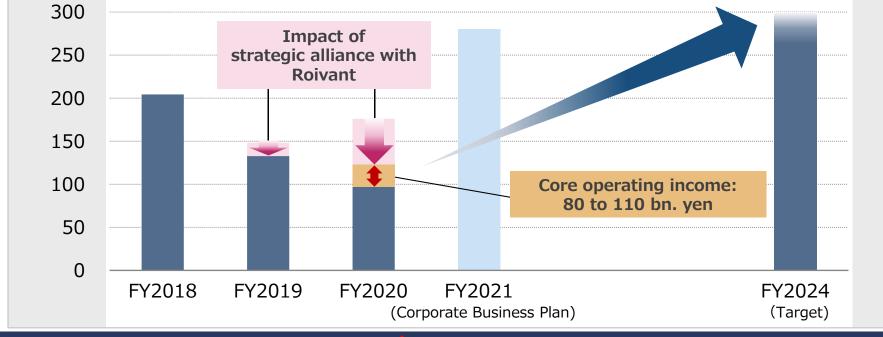
II For Sustainable Growth





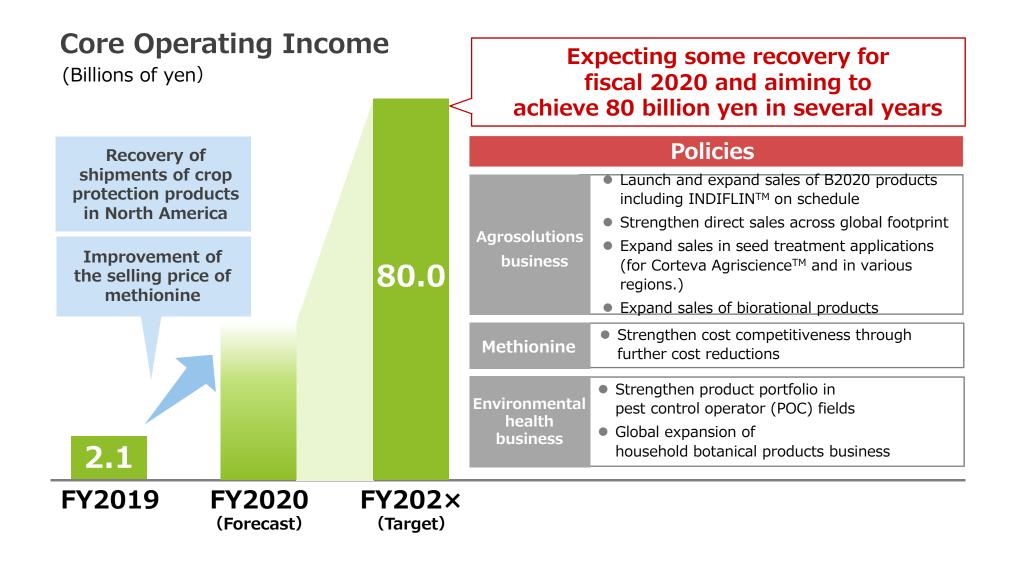


the Corpora	Difficult to achieve te Business Plan targets by FY2021	Future profit growth drivers	
	ochemicals market	Expansion of the crop protection business, primarily in South America and India	
	nethionine market ost-Latuda product development	Launch of new products in the pharmaceuticals business	
	sales and development expenses due to the ith Roivant, with newly acquired drugs yet to be	Launch of new high-functionality materials in the IT-related Chemicals and Energy and Functional Materials businesses	
(Billion yen) 300	Core Operating Income		



Outlook for the Health & Crop Sciences Sector

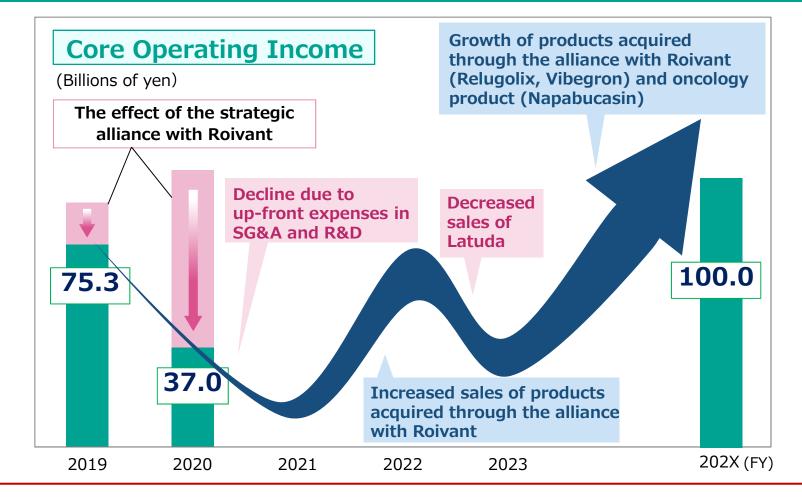
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Outlook for the Pharmaceuticals Sector

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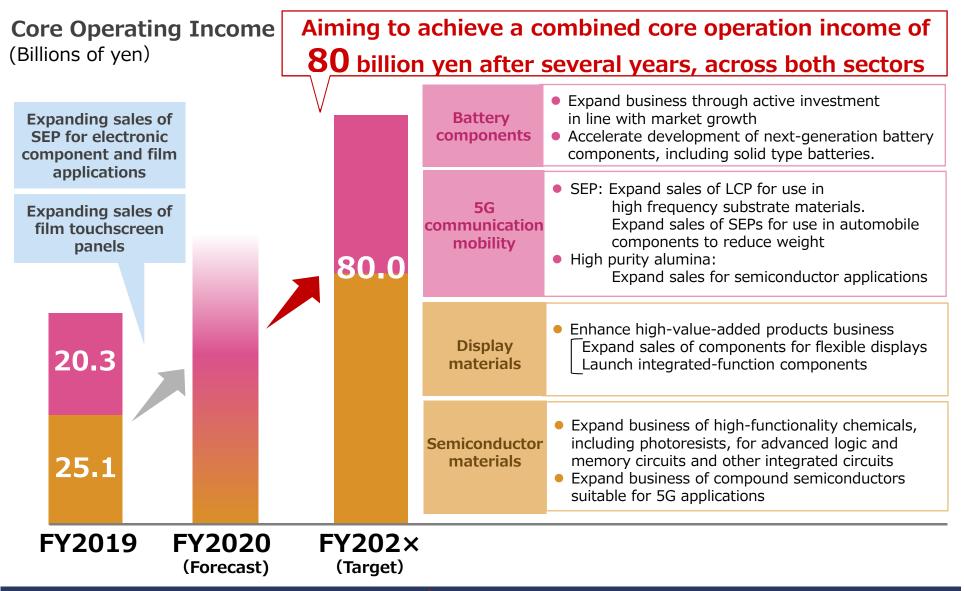
Expecting to overcome the LATUDA cliff and achieve long-term growth, after initial years of increased expenses and lower operating income, due to the investment in the alliance with Roivant

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

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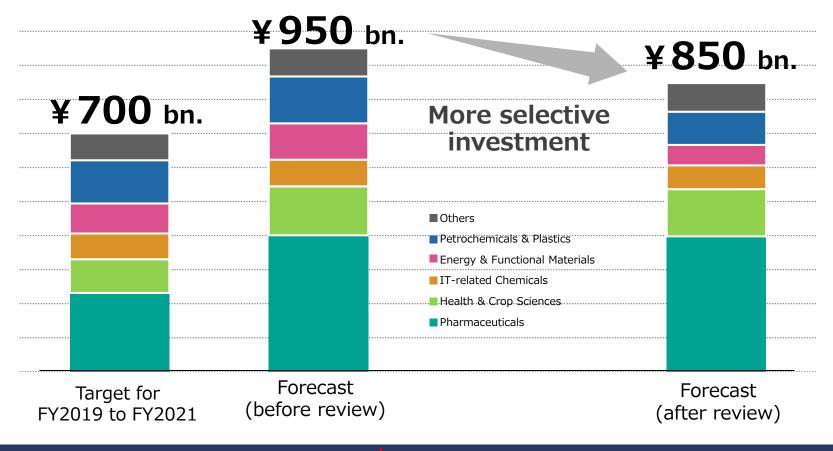


Initiatives for Improving Financial Strength (More Selective Investment)

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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.





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

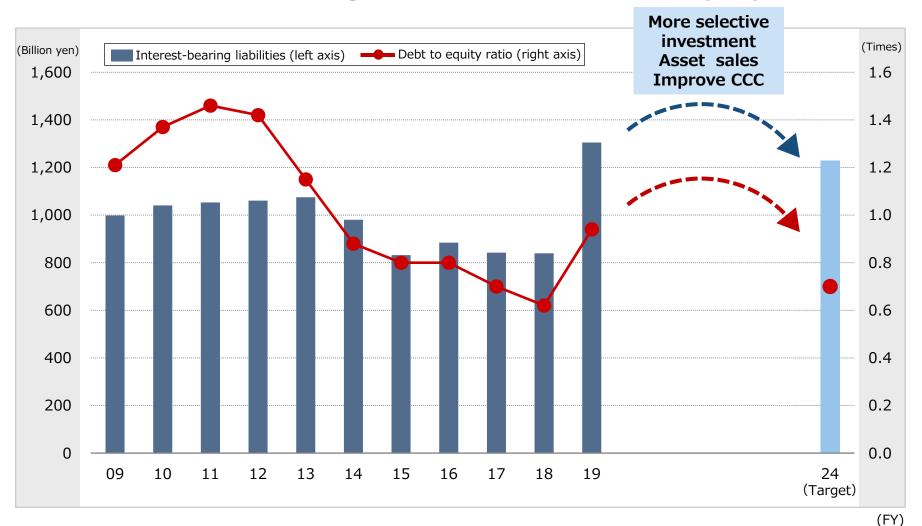
On the order of **50** billion yen

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



Current Priority Management Issues and Business Strategy SUMITOMO CHEMICAL

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	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	ΑΑΑ	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.

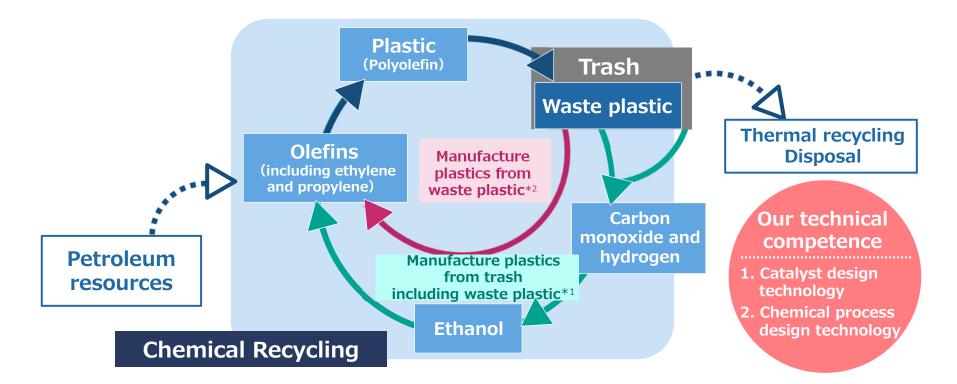
*1 FTSE Blossom Japan Index

*4 Carbon Disclosure Project

*5 EcoVadis Sustainability Ratings

*2 MSCI Japan ESG Select Leaders Index *3 MSCI Japan Empowering Women Index (WIN) **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

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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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Supplying active ingredients for Avigan (favipiravir) and remdesivir



Supplying polyethylene film for medical gowns



Supplying household antiviral disinfectants



Supplying antiviral agents for industrial use



Joined COVID-19 research database



Joint research for a universal influenza vaccines



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



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

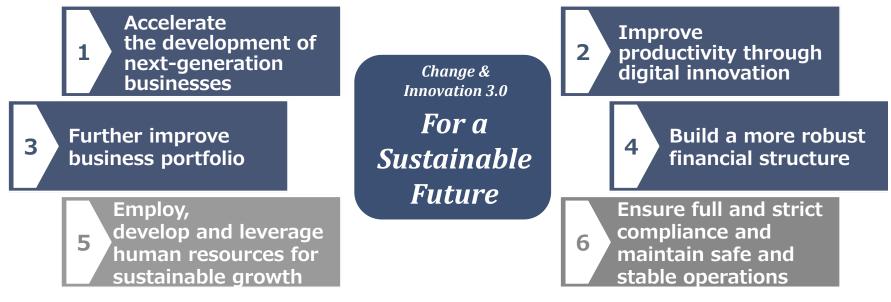
Contributing to containment of the coronavirus pandemic by leveraging the extensive power of chemistry







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



Sumitomo Chemical creates economic value and social value integrally



Contribute to realizing a sustainable society through our business activities

- Sharing our aspirations with stakeholders -

Current Priority Management Issues and Business Strategy SUMITOMO CHEMICAL

environmental impact

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.