

November 30, 2020

**Sumitomo Chemical** 

# IR Day



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## **Corporate Strategy**

## **Keiichi Iwata**

Representative Director & President

# **I** Corporate Strategy

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2	Progress on the Corporate Business Plan	09
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## **Corporate Strategy**

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### Performance Forecast for FY2020 vs. FY2019

(Billions of yen)

	FY2020 Forecast	FY2019	Change
Sales revenue	2,215.0	2,225.8	-10.8
Core operating income	100.0	132.7	-32.7
Non-recurring items	5.0	4.9	0.1
Operating income (IFRS)	105.0	137.5	-32.5
Finance income/expenses, income tax expenses, and net income attributable to non-controlling interests	-75.0	-106.6	+31.6
Net income attributable to owners of the parent	30.0	30.9	-0.9
Naphtha price	¥28,900/kl	¥42,900/kl	
Exchange rate	¥107.47/\$	¥108.70/\$	



# Core Operating Income Forecast by Sector for FY2020 vs. FY2019

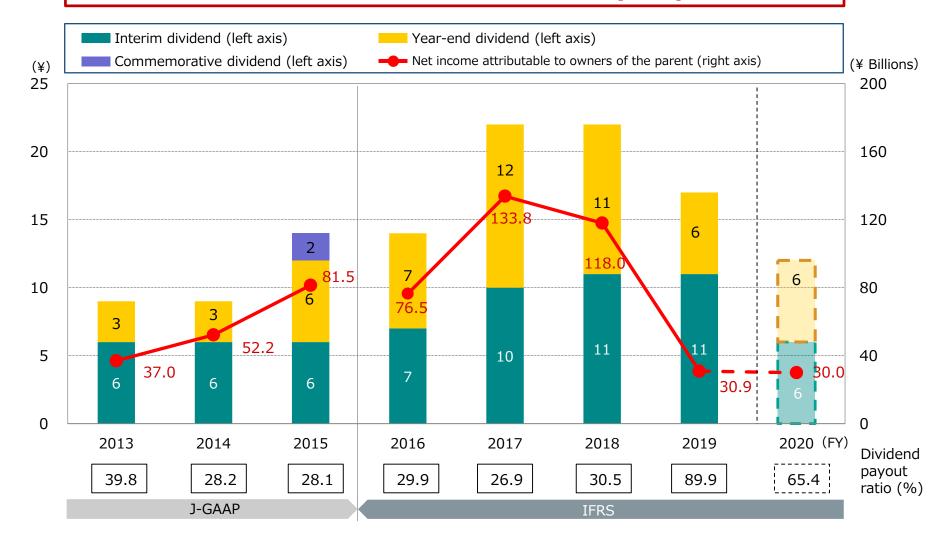
(Billions of yen)

	FY2020 Forecast	FY2019	Change	Change
Petrochemicals & Plastics	-33.0	14.5	-47.5	Weaker petrochemical markets, Petro Rabigh's periodic shutdown maintenance, and decreased shipment volumes due to Covid-19
Energy & Functional Materials	18.0	20.3	-2.3	Decreased shipment volumes due to Covid-19
IT-related Chemicals	36.0	25.1	10.9	Increased shipment volumes of semiconductor processing materials
Health & Crop Sciences	31.0	2.1	28.9	Higher market price for methionine and increased shipment volumes of crop protection products
Pharmaceuticals	51.0	75.3	-24.3	Increased up-front expenses for the strategic alliance with Roivant
Others	-3.0	-4.6	1.6	
Total	100.0	132.7	-32.7	

## I-1

#### **Shareholder Returns**

#### Total dividends for FY2020 to be 12 yen per share



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## **Priority Efforts for FY2020**

## **Priority issues for FY2020**

- Carry through post-merger integration (PMI) for the large-scale M&As
- Focus on the further improvement of our business portfolio

# Priority Efforts for FY2020: PMI for the large-scale M&As

## Focusing on post-merger integration for the recently accomplished large-scale M&As

## Strategic Alliance with Roivant Sciences

Making good progress in the development of the acquired pipeline drugs (due to be launched in and after FY2020)

Building sales forces by leveraging the existing North American functions (Sunovion Pharmaceuticals)

# Acquisition of Four South American Subsidiaries of Nufarm

PMI being well under way amid the pandemic—system integration completed early through active communication via virtual meetings

# **Priority Efforts for FY2020:** Further Improve Business Portfolio

## Petrochemicals & Plastics

- ☐ Enhance licensing and catalyst businesses
- Shift to high value-added resin products

□ Develop businesses and technologies that contribute to reducing environmental impact

## Energy & Functional Materials

■ Maintain and strengthen stable revenue sources including alumina and resorcinol businesses

□ Take advantage of 5G and CASE and focus on expanding super engineering plastics and battery materials businesses

#### **IT-related Chemicals**

- □ Further improve business portfolio through advancement and fusion of underlying technologies in the areas of displays and semiconductors
- □ Drive optimization in response to changes in the LCD market to secure certain profit levels

## Priority Efforts for FY2020: Further Improve Business Portfolio

#### **Health & Crop Sciences**

- □Global expansion,
  with a primary focus on
  South America and India
- Launch crop protection products in the pipeline, including B2020 and A2020, without fail
- □ Build a foundation for strengthening biorational business
  - Sales: Established dedicated sales units in North America and Europe and increased staff
  - Development: Launched a biorational team in Health & Crop Sciences Research Laboratory

#### **Pharmaceuticals**

☐ Accelerate development of post-Latuda blockbuster candidate drugs

Relugolix: prostate cancer

► expected to be approved in the U.S. in December 2020

Vibegron: overactive bladder

- ► expected to be approved in the U.S. in December 2020
- ☐ Urovant becoming SumitovantBiopharma's wholly-owned subsidiary
- □ Sharing the data science technology platforms, including DrugOme, across the Sumitomo Dainippon Pharma group to accelerate digital innovation



### Major Developments in the Past Half Year

#### **Good News**

Termination of Completion Guarantee for Rabigh Phase 2 Project Financing

Good progress in the development of pipeline drugs

Smooth progress in post-merger integration of the acquired South American crop protection business



### **Initiatives under Corporate Business Plan**





## **Accelerate the Development of Next-Generation Businesses**

## Four Priority Areas of the Corporate Business Plan



**Health care** 



Food



Reduction of environmental impact



ICT







## **Innovation Ecosystem**



## **Accelerate the Development of Next-Generation Businesses**

# Corporate unit-led research X Business unit-led research



Advancing major development projects in each area

#### Major progress by area

#### Health care

Contract development and manufacturing organization (CDMO) for regenerative medicine and cell therapy

Established a Sumitomo Chemical-Sumitomo Dainippon Pharma joint venture

#### Food

#### **Biorational products**

Established a SynBio hub in VBC of U.S.

#### Reduction of environmental impact

#### **Solid-type batteries**

Launched an industry-academia joint research program with Kyoto University

#### **Chemical recycling**

Aim to commercialize all the three projects during the 2020s

#### ICT

#### Image sensor materials

Development of new materials for CMOS image sensors



## Improve Productivity through Digital Innovation: DX Strategy 1.0

### Significant improvement in efficiency and quality

in the areas of production, R&D, supply chain management and administration

Initiatives completed up to the previous Corporate

**Business Plan** 

**Digital Plant** 

Partial introduction of AI and IoT

**Digital R&D** 

Partial introduction of Materials Informatics (MI)

Digital SCM (including marketing)

Partial introduction of S/4HANA

**Digital Office** 

Partial introduction of RPA Introduction of Office365

DX Strategy 1.0

**Initiatives in progress under the current Corporate Business Plan** 

Improving the quality of production operations by leveraging AI and IoT technologies

Improving the efficiency and quality of R&D activities by leveraging AI Building MI into R&D activities

Full-scale introduction of S/4HANA Job standardization and work style reform

Full use of robotics Measures to boost communication Promoting paperless operations



## Improve Productivity through Digital Innovation: Examples of DX Strategy 1.0 Initiatives

Promoting advanced use of data collected from production facilities to achieve higher productivity in plant operations management

Process data
Analysis data
Field data

Data engineers

#### **Machine learning**

Signs-of-faults detection system Data analysis system **Identify causes for faults** 

Detect signs of facility faults

Predict the future of the process

AI-aided control

#### Examples of signs-of-facility faults detection systems



Use machine learning to detect signs of facility faults and put out an alert

Currently used in 8 plants in

4 production sites and to be brought in phases to all the other plants



## Improve Productivity through Digital Innovation: Our DX Strategy Milestones

Corporate unit-led efforts

DX Strategy 1.0

Improve productivity in four focus areas for DX

Generate extra capacity and reduce operation cost by streamlining processes

Improve quality and efficiency of functions and operations and share best practices across organization

Built in as continuous efforts

DX Strategy 3.0

#### **Create new business models**

Create new business models leveraging services and data and our core technologies

Improve our corporate value as leading DX-driven company

Business unit-led efforts

DX Strategy 2.0

## Consolidate competitiveness of existing businesses

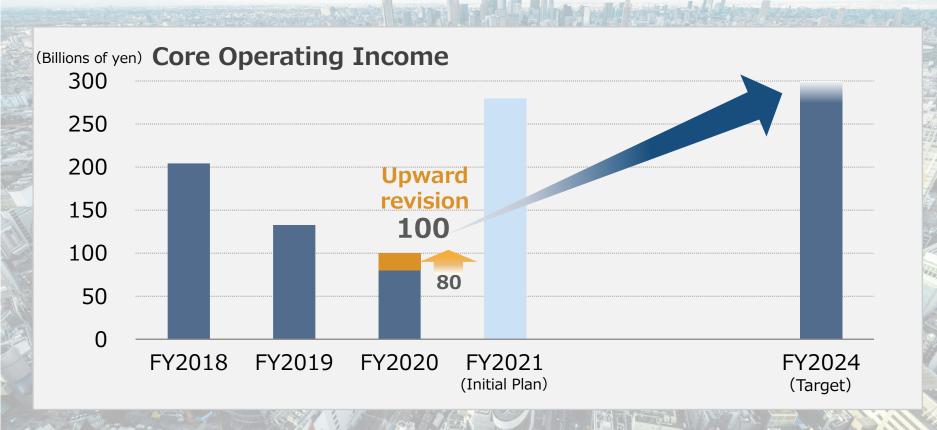
Enhance customer interface and improve customer satisfaction to create added value and expand market shares and sales

Cross-functional drive to optimize the entire supply chain



### **Striving for Sustainable Growth**

We will strive to achieve a significant improvement in performance in the next Corporate Business Plan period by ensuring PRC's stable operation and expanding sales of new pharmaceutical and crop protection products.

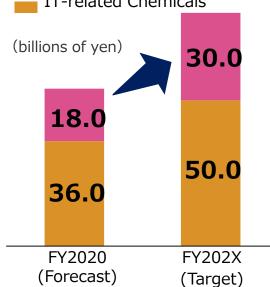




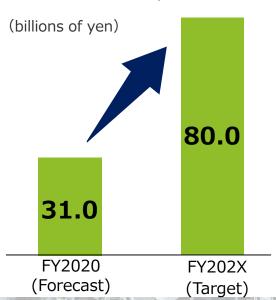
### Striving for Sustainable Growth

### Outlook for performance improvement by sectors (core operating income)

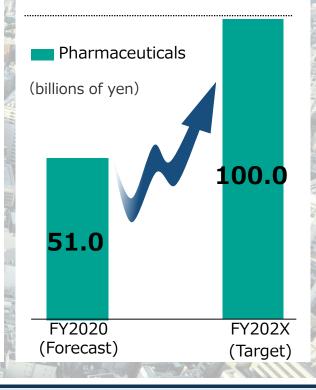
- Actively invest resources in high-growth areas such as 5G and mobility
- **Develop and promote** high value-added products and new products such as products for next-generation displays
- **Energy & Functional Materials**
- **IT-related Chemicals**



- Launch B2020 and **A2020 products**
- Enhance sales of our biorational products
- Expand business in **South America and** India
- Health & Crop Sciences

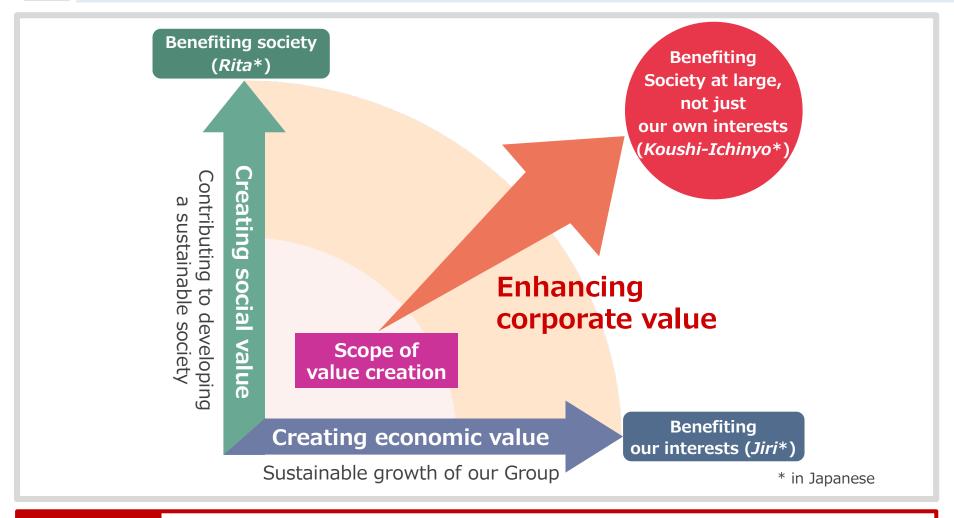


Increase sales of the drugs acquired through the alliance with Roivant and our oncology drugs



## **Corporate Strategy Performance Trends** 05 **Progress on** 09 the Corporate Business Plan **Sustainability Efforts** 23

### I-3 Sustainability Efforts: What We Strive to Be



What We **Strive to Be**  Achieving sustained growth for the Sumitomo Chemical Group and helping build a sustainable society by creating economic value and social value in an integrated way



## **Sustainability Efforts: Contribution through Our Business**

#### **Contribution through our business (seizing opportunities)**

## Reducing environmental impact

- Carbon cycle
- Chemical recycling
- Energy saving

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#### Food

- Agrochemicals
- Biorational
- Methionine

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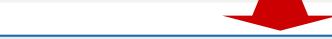
#### Health care

- Containment of infectious diseases via vector control
- Development of drugs for infectious diseases
- Regenerative medicine and cell therapy ···

#### ICT

 Meeting the needs of a super-smart society and smart mobility

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#### **Promotion of Sumika Sustainable Solution products**

Provide solutions to build a sustainable society by promoting development and widespread use of Sumika Sustainable Solution products

#### **KPI**

Sales revenue of
Sumika Sustainable Solution 560
products
(FY2021) (FY2019: 479.8 billion yen)

#### **Examples of contributions to society**

Contribution of Sumika Sustainable Solution products to GHG emissions reduction

Contributing to building a sustainable society through our business



### **Sharing Our Aspirations with Stakeholders**

Sumitomo Chemical creates

economic value and social value in an integrated way



Contribute to realizing a sustainable society through our business

- 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.