

## **Corporate Business Plan**

March 8, 2016



Masakazu Tokura
President

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- What Sumitomo Chemical Strives To Be
- Current Corporate Business Plan
- New Corporate Business Plan: Corporate Strategy
- Toward Sustained Growth
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#### **Sumitomo Chemical's DNA**

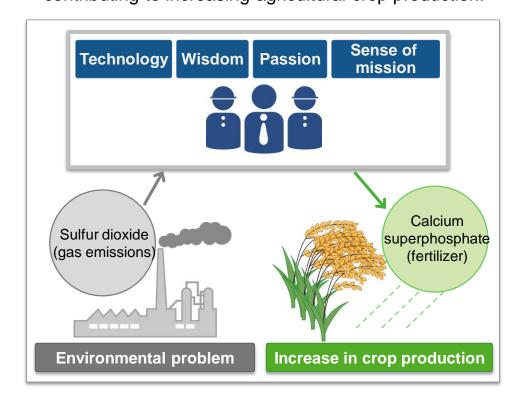
#### **Sumitomo Values**

The Sumitomo Family's "Business Principles" state that as we conduct business, we must value trust and integrity, and thereby strive to thrive, and that we must closely watch the changing of the times, carefully weighing opportunities and risks, never chasing short-term gains, in good times and bad.

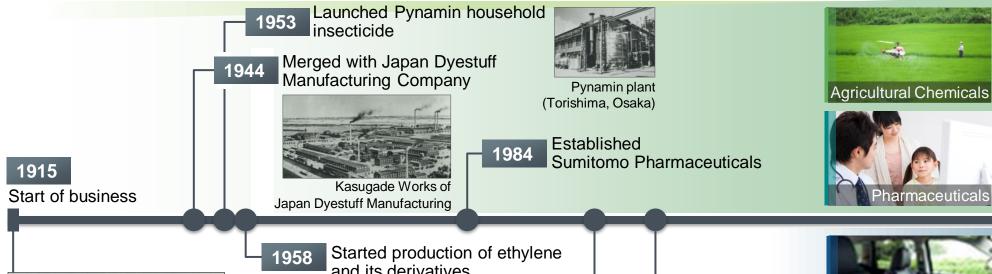
At Sumitomo Chemical we adhere to the principle that our business must not only benefit our own interests but also society at large.

#### The origin of Sumitomo Chemical

Sumitomo Chemical's history dates back to 1913. The company got its start by producing fertilizer from harmful gas emitted in copper smelting operations. The business helped mitigate the environmental problem caused by the emissions, while also contributing to increasing agricultural crop production.



#### Progress To Date: Expansion Into New Business Areas





Sumitomo Fertilizer Manufactory

and its derivatives



Ethylene plant (Ehime)

2015

**Established Energy** & Functional Materials Sector



Petrochemicals & Plastics

2001

Established IT-related Chemicals Sector



**Expanded into new business areas to respond to change in society** and to meet customer needs

### Progress To Date: Expansion Of Overseas Businesses And Globalization

2009

Started operation of Petro Rabigh



1991

Established Dongwoo Pure Chemicals (now Dongwoo Fine-Chem)



1984

Started operation of petrochemical complex in Singapore



1988

Established Valent U.S.A.



2009

Sumitomo Dainippon Pharma acquired Sepracor (now Sunovion Pharmaceuticals)



Globalization through "Globally Integrated Management," building competitive businesses globally by optimizing operations across borders in view of technology, location, business partners and human resources

# Priority Issues

Radically improve competitiveness of petrochemicals business

Gain critical mass in pharmaceuticals business to achieve strong growth

Develop new businesses with potential to become core businesses







#### Major Projects

Implementing Rabigh Project

(including ¥100.0 bn investment in Phase II)

Approx. ¥266.0 bn (investment and lending)

Launched
Sumitomo Dainippon Pharma
and acquired
Sepracor (Sunovion) and
Boston Biomedical in US

Approx. ¥249.0 bn

(increased stake and acquisition)

Established and expanded IT-related Chemicals Sector

Approx. ¥522.0 bn

(cumulative capital expenditures in 15 years since inception)









#### Results

Sales Increase FY2000 vs. FY2015 Petrochemicals & Plastics Sector (¥375.5 bn ⇒ ¥730.0 bn) Approx. 1.9 times Pharmaceuticals Sector

 $($156.7 \text{ bn} \Rightarrow $435.0 \text{ bn})$ 

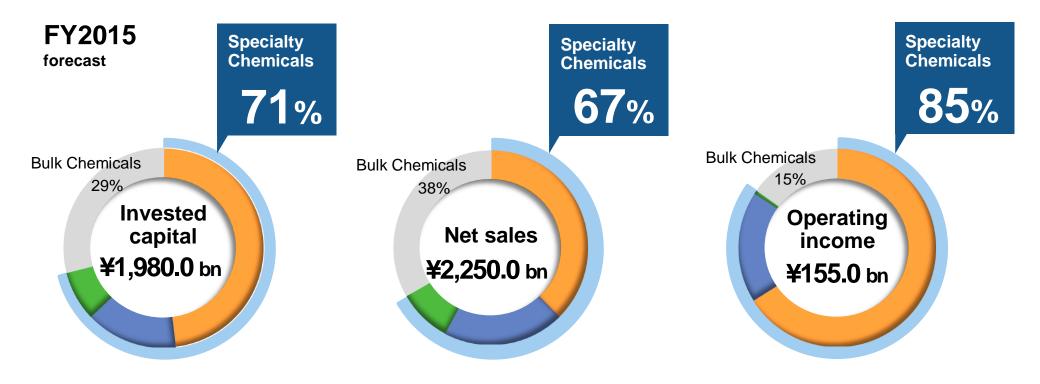
Approx. 2.8 times

IT-related Chemicals
Sector

 $(¥60.2 bn \Rightarrow ¥445.0 bn)$ 

Approx. 7.4 times

#### Current Status Of Sumitomo Chemical: Overview By Business Area



#### **Specialty Chemicals**

Life sciences





ICT



Environment and energy

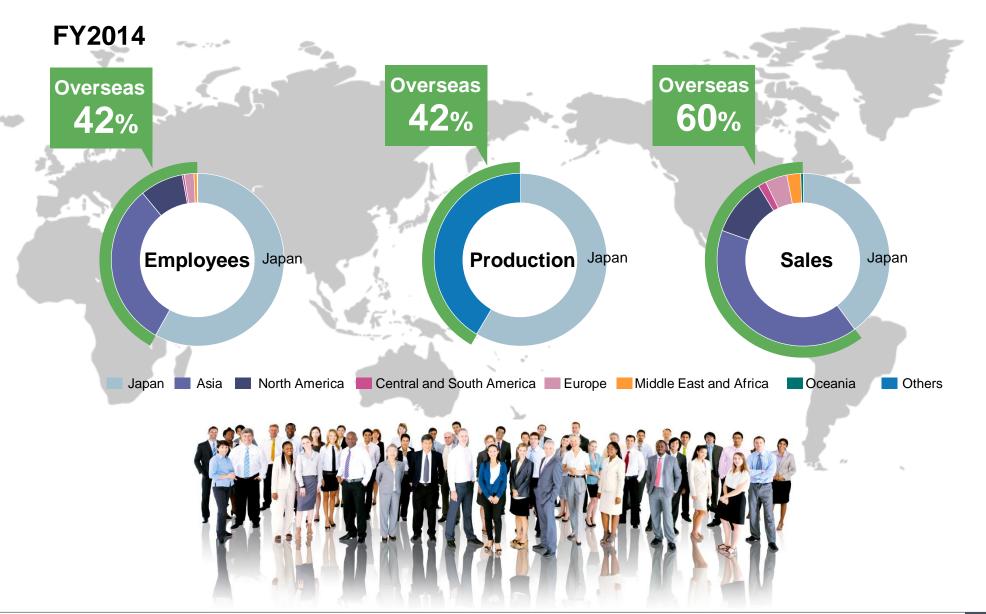


**Bulk Chemicals** 

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## Current Status Of Sumitomo Chemical: Overview By Region



#### What Sumitomo Chemical Strives To Be

Business Philosophy

- ◆ Commit ourselves to creating new value by building on innovation
- ♦ Work to contribute to society through our business activities
- Develop a vibrant corporate culture and continue to be a company that society can trust

Core Competence

Capabilities to develop innovative solutions by leveraging its technological expertise in diverse areas

Capabilities to reach global markets

Loyal employees



Challenges & Business Opportunities

Solve issues facing society

Environment

Food

Resources and energy

Improve quality of life and build an affluent and comfortable society

Health promotion

Comfortable life

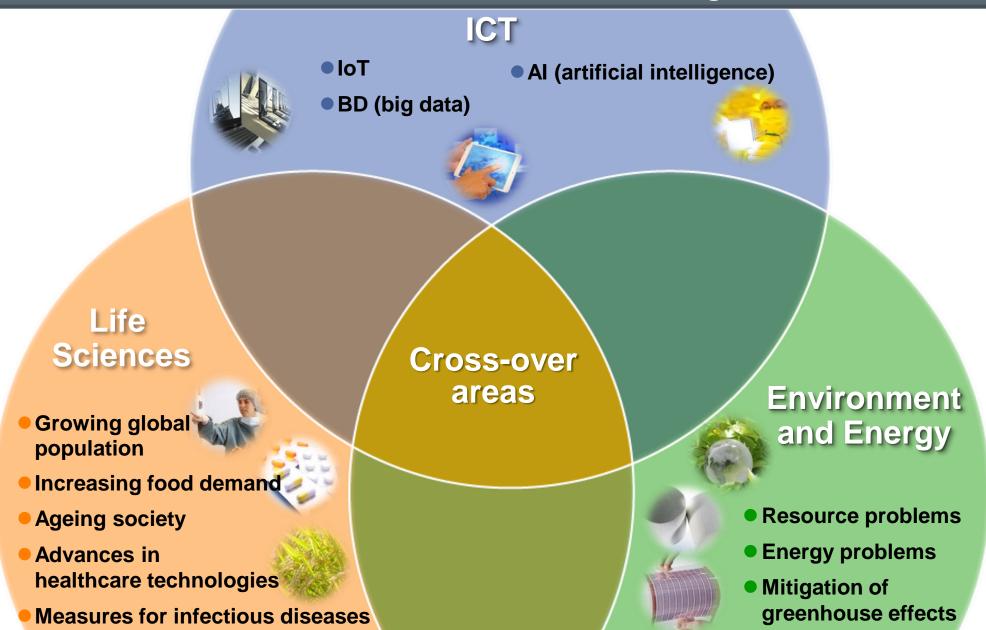




Achieve sustained growth by creating new value through innovative technologies

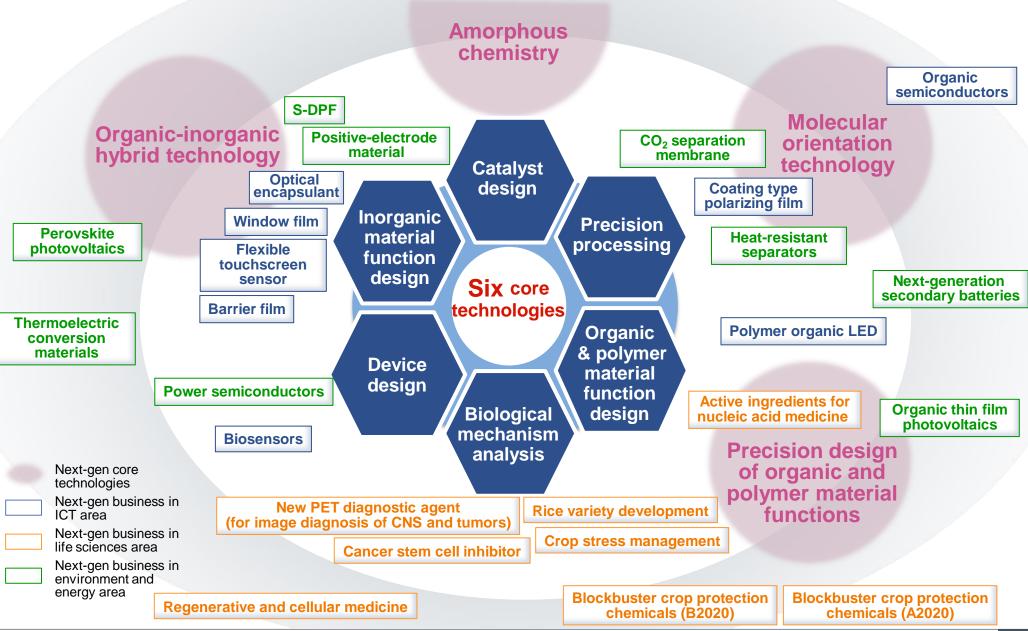
Corporate Business Plan SUMÎTOMO CHEMICAL 10

### What Sumitomo Chemical Strives To Be: Business Areas With High Growth Potential

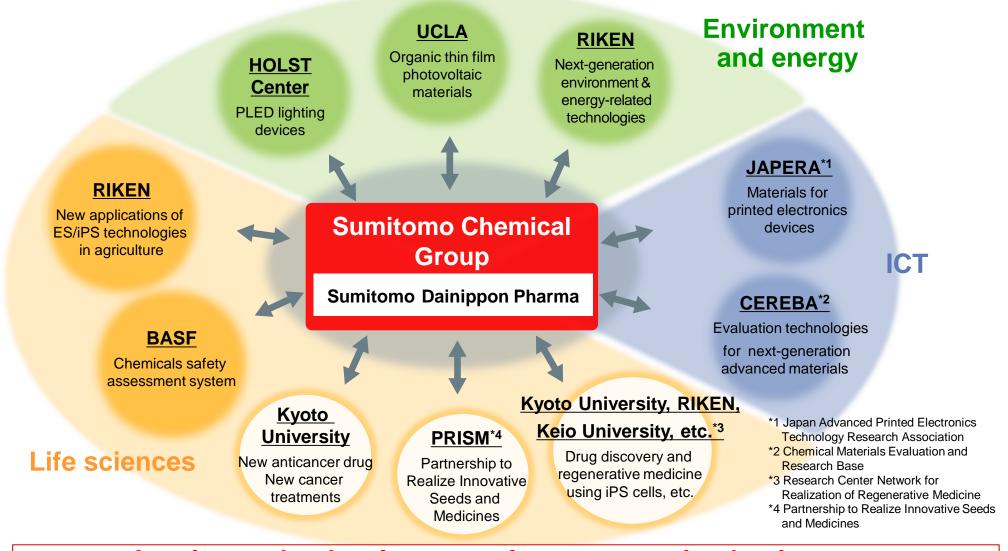


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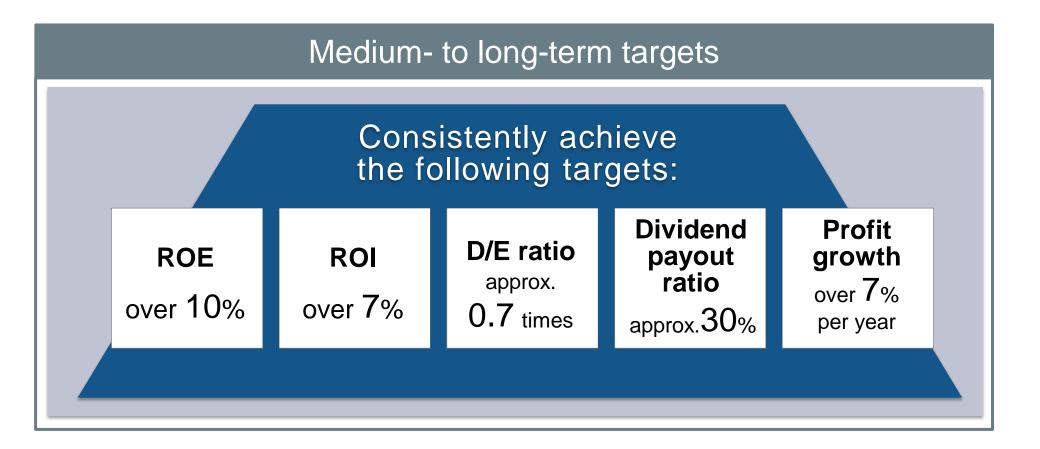
#### What Sumitomo Chemical Strives To Be: New Business Development By Leveraging Core Technologies



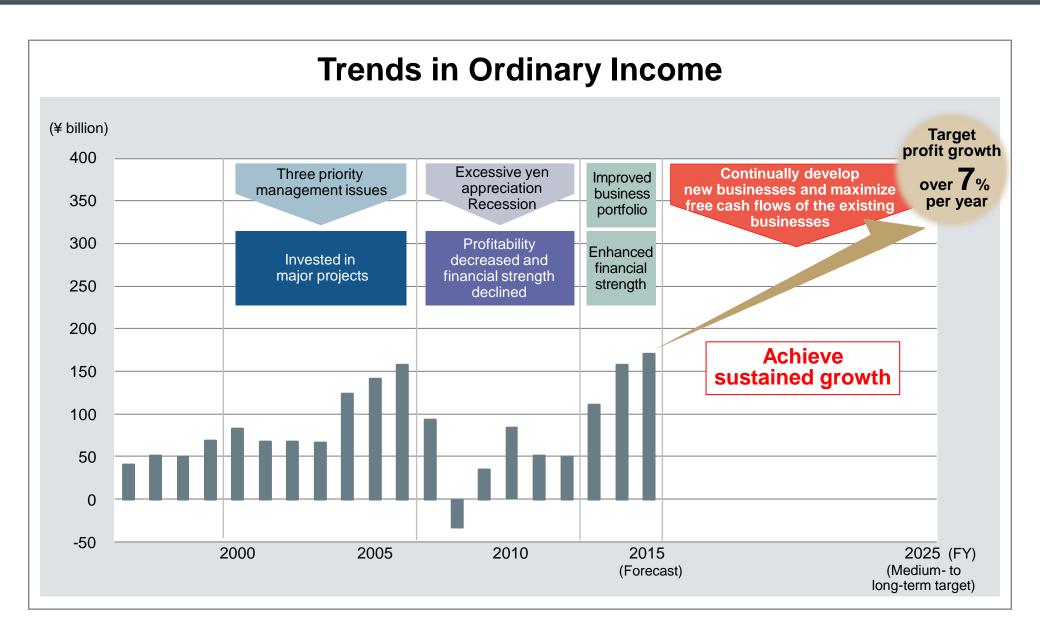
## What Sumitomo Chemical Strives To Be: Promote Open Innovation



Accelerate the development of next-generation businesses by leveraging both internal and external expertise



Become a more resilient Sumitomo Chemical that achieves sustained growth



## What Sumitomo Chemical Strives To Be: Long-term Growth Drivers

# Life sciences (Health & Crop Sciences)

- New-generation blockbuster crop protection chemicals (B2020, A2020)
- Rice-related businesses
- Strengthen global sales force
- Crop stress management
- Biorationals

# Life sciences (Pharmaceuticals)

- Cancer stem cell inhibitor (Napabucasin/BBI503)
- Regenerative and cellular medicine
- Innovative drugs to address unmet medical needs (SUN-101, SEP-225289)

#### ICT

- Flexible display materials
- Printed electronics (polymer organic LED displays and lighting devices)

#### **Environment and energy**

- Lithium-ion secondary battery components and materials
- Environmentally-friendly automobile parts and materials (DPF and super- engineering plastics)
- CO<sub>2</sub> separation membranes

#### **Bulk chemicals**

 Expand high value-added businesses by leveraging competitive advantages of the three operation bases in Japan, Singapore and Saudi Arabia

## **Current Corporate Business Plan**

#### Current Corporate Business Plan: Where We Have Been Heading

#### **Last 10 Years**

Pave the way for future growth (Tackle three priority management issues)

Implemented Rabigh Project

Launched DSP and acquired Sepracor/BBI

Established and expanded IT-related Chemicals Sector

#### Where We Are

#### **Enhance financial strength**

Improve profitability

Rigorously select investments

Improve asset efficiency

#### **Restructure businesses**

Exit underperforming businesses

Improve business portfolio

#### **Develop next-generation businesses**

Environment and Energy

Life Sciences

**ICT** 

#### Globalization

**Promote globally integrated management** 

**Ensure full and strict compliance and maintain safe and stable operations** 

(Billions of yen)

	FY2015 Target	FY2015 Forecast	Change
Net Sales	2,400.0	2,250.0	-150.0
Operating Income	140.0	155.0	+15.0
(Equity in Earnings of Affiliates)	25.0	24.0	-1.0
Ordinary Income	150.0	170.0	+20.0
Net Income	90.0	80.0	-10.0
Naphtha Price	¥60,000/kl	¥49,100/kl	
Exchange Rate	¥80.0/US\$	¥121.0/US\$	

### Current Corporate Business Plan: Enhance Financial Strength

(Billions of yen)

	FY2010-2012	FY2013-2015 (Target)	FY2013-2015 (Forecast)	FY2015 (Forecast)
Cash flows from operating activities	472.3	Approx. <b>540.0</b>	715.2	260.0
Cash flows from investing activities	-445.7	Below <b>-400.0</b>	-301.8	-110.0
Free cash flows	26.6	Over 200.0 <sup>*2</sup>	413.4	150.0

(Note) \*1: Including investment of 100 billion yen in Rabigh Phase II Project

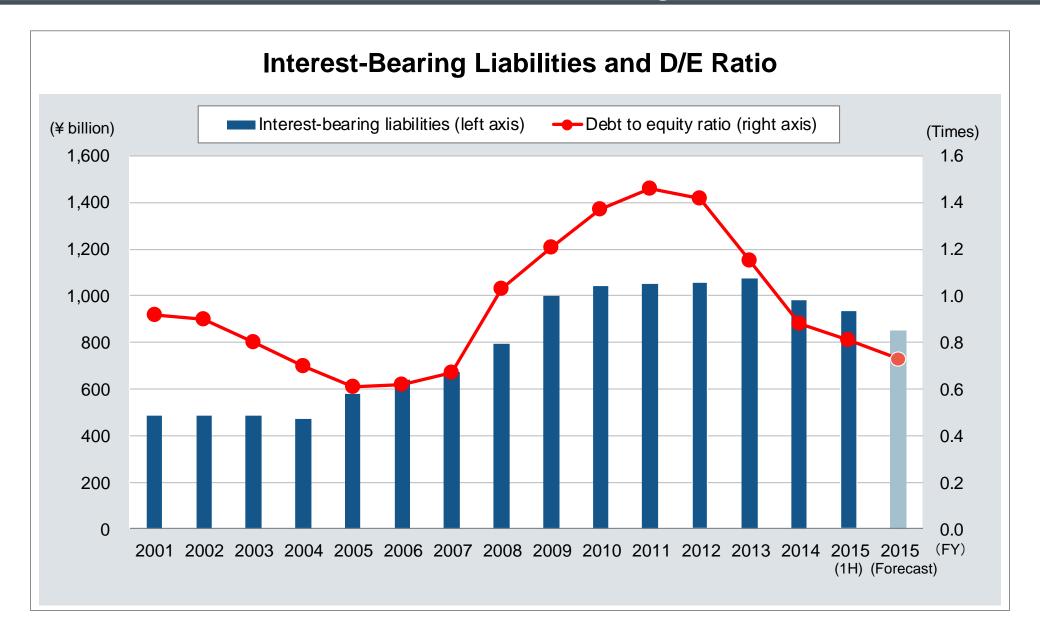
\*2: Including decreases in cash and cash equivalents

(Billions of yen)

	End of	End of FY2015	End of FY2015	End of
	FY2012	(Target)	(Forecast)	FY2015.1H
Interest-bearing liabilities	1,060.6	Below 900.0 *1	850.0	938.9

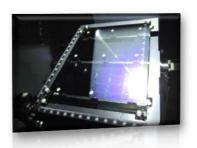
(Note) \*1: After spending 100 billion yen for investment in Rabigh Phase II Project

#### Current Corporate Business Plan: Enhance Financial Strength



#### Current Corporate Business Plan: Business Restructuring

#### **Specialty chemicals business**











#### **Progress**

- Expanded production capacity for touchscreen panels and enhanced the product line
- Increased overseas sales of crop protection chemicals
- Increased LATUDA sales



#### Remaining issues for New Corporate Business Plan

 Speed up the development of next-generation businesses and accelerate sales expansion

#### Current Corporate Business Plan: Business Restructuring

#### **Bulk chemicals business**







#### **Progress**

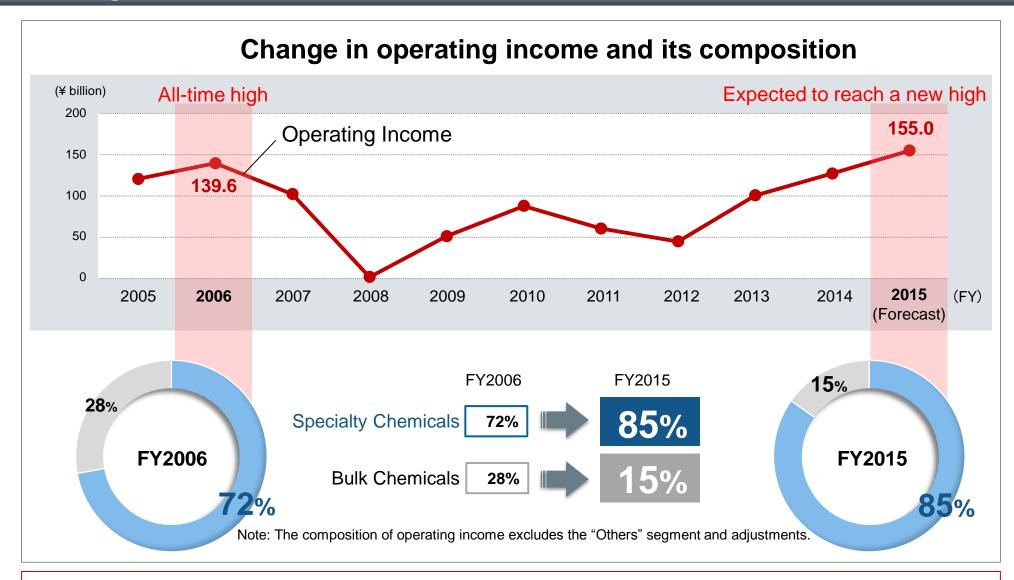
- Closed down ethylene plant and PO/SM plant at Chiba
- Closed down liquid-phase process caprolactam plant
- Made progress on Rabigh Phase II Project



#### Remaining issues for New Corporate Business Plan

- Promptly start up and ensure stable operation of Rabigh Phase II Project
- Assess the competitiveness of the vapor-phase process caprolactam plant

## **Change In Business Portfolio**



Significant increase in profitability of specialty chemicals business

## **New Corporate Business Plan: Corporate Strategy**

- Basic Policy And Performance Targets
- Further Improve Business Portfolio
- Generate More Cash Flow
- Accelerate The Launch of Next-generation Businesses
- Summary

#### New Corporate Business Plan: Business Environment and Slogan

#### **Economy**

#### **Business Environment**

#### **Industry**

Slowdown in the Chinese economy and emerging economies

Technological innovation in the automobile industry

Low crude oil and energy prices

Changes in the display market

Change and Innovation

# **Create New Value**

Advent of "super-smart society" (Use of IoT, big data and artificial intelligence)

Accelerated consolidation leading to more oligopolistic industries

Risks of further appreciation of the yen

More petrochemical plants using new feedstocks

#### New Corporate Business Plan: Basic Policy

#### **Last 10 Years**

#### Where We Are

#### Where We Are Going

Pave the way for future growth (Tackle three priority management issues)

**Implemented Rabigh Project** 

Launched DSP and acquired Sepracor/BBI

Established and expanded IT-related Chemicals Sector

#### **Enhance financial strength**

Improve profitability

Rigorously select investments

Improve asset efficiency

#### Restructure businesses

Exit underperforming businesses

Improve business portfolio

#### Further improve business portfolio

Identify areas of strength

Allocate resources to prioritized areas

#### Generate more cash flow

Increase profit above cost of capital

Make active and disciplined investments

Streamline balance sheet

#### Accelerate the launch of next-generation businesses

**Environment** and **Energy** 

**Life Sciences** 

**ICT** 

**Crossover areas** 

#### Globalization

**Promote globally integrated management** 

Ensure full and strict compliance, establish and maintain safe and stable operations

(Billions of yen)

Net Sales
Operating Income
(Equity in Earnings of Affiliates)
Ordinary Income
Net Income

FY2015 Forecast		
2,250.0		
155.0		
24.0		
170.0		
80.0		
¥49 100/kl		

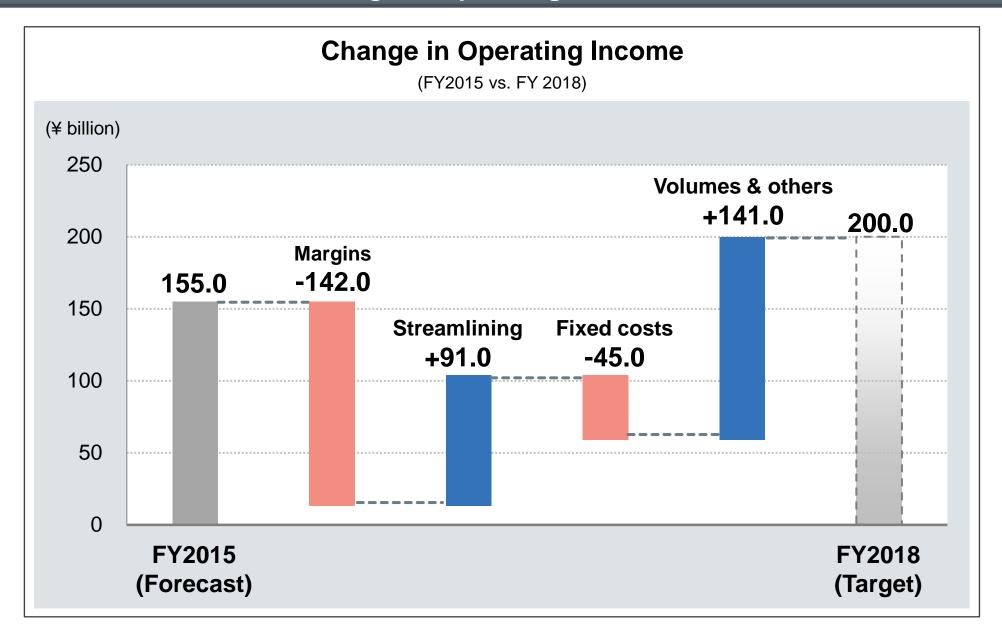
FY2018 Target		
2,540.0		
200.0		
29.0		
210.0		
110.0		
¥45,000/kl		

Change			
+290.0			
+45.0			
+5.0			
+40.0			
+30.0			

Naphtha Price
Exchange Rate

¥49,100/kl ¥121.0/US\$ ¥45,000/kl ¥120.0/US\$

## New Corporate Business Plan: Change In Operating Income



	Medium- to Long-term Targets  Consistently achieve the following targets:	FY2018 Target	(Reference) FY2015 Forecast	
ROE	over 10%	12%	10%	
ROI	over 7%	7%	5%	
D/E Ratio	approx. 0.7 times	0.6-0.7 times*2	0.7 times	
Dividend payout ratio	approx. 30%	_	29%	
Profit growth *1	over 7% per year	11% per year	-	

<sup>\*1</sup> Compounded annual growth rate of net income from the last year of the previous Corporate Business Plan

<sup>\*2</sup> Including the effects of investments in strategic M&A

## New Corporate Business Plan: Net Sales By Sector

(Billions of yen)

(Billiono et y				
	FY2015 Forecast	FY2018 Target	Change	Reason for Change
Specialty Chemicals	1,465.0	1,680.0	+215.0	
Energy & Functional Materials	225.0	260.0	+35.0	Growth in sales of S-SBR and others
IT-related Chemicals	415.0	490.0	+75.0	Growth in sales of touchscreen panels and others
Health & Crop Sciences	390.0	440.0	+50.0	Growth in sales of crop protection chemicals
Pharmaceuticals	435.0	490.0	+55.0	Growth in sales in North America
Bulk Chemicals	730.0	800.0	+70.0	
Petrochemicals & Plastics	730.0	800.0	+70.0	Growth in sales of Petro Rabigh products
Others	55.0	60.0	+5.0	
Total	2,250.0	2,540.0	+290.0	

(note) After the sectors have been revised

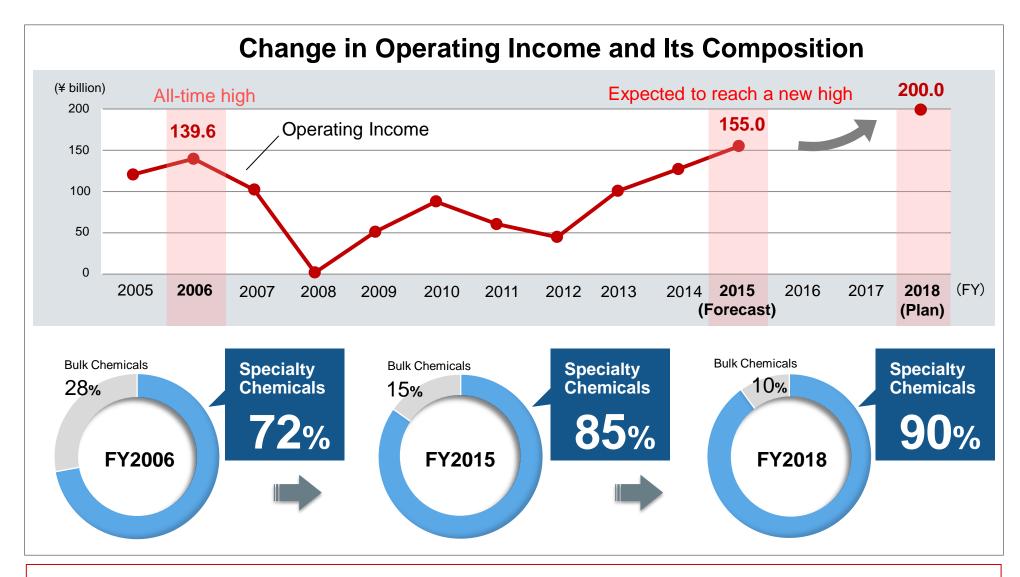
## New Corporate Business Plan: Operating Income By Sector

(Billions of yen)

	FY2015 Forecast	FY2018 Target	Change	Reason for Change
Specialty Chemicals	140.0	192.0	+52.0	
Energy & Functional Materials	6.0	18.0	+12.0	Growth in sales of S-SBR and others
IT-related Chemicals	25.0	34.0	+9.0	Rationalization and sales growth
Health & Crop Sciences	75.0	86.0	+11.0	Growth in crop protection chemicals sales
Pharmaceuticals	34.0	54.0	+20.0	Sales growth in North America
Bulk Chemicals	25.0	21.0	-4.0	
Petrochemicals & Plastics	25.0	21.0	-4.0	Lower margins
Others	-10.0	-13.0	-3.0	
Total	155.0	200.0	+45.0	

(note) After the sectors have been revised

#### **Change In Business Portfolio**



Further increase in profitability of specialty chemicals business

## **New Corporate Business Plan: Corporate Strategy**

- Basic Policy And Performance Targets
- Further Improve Business Portfolio
- Generate More Cash Flow
- Accelerate The Launch of Next-generation Businesses
- Summary

### New Corporate Business Plan: Further Improve Business Portfolio

## Identify areas where we have distinct strength and competitive advantage

# **Areas for aggressive investment and expansion**

- Where we have technological advantages
- Where we have market access advantages
- Focus resources on these areas (including M&A)

Expand businesses that consistently yield profit above the cost of capital

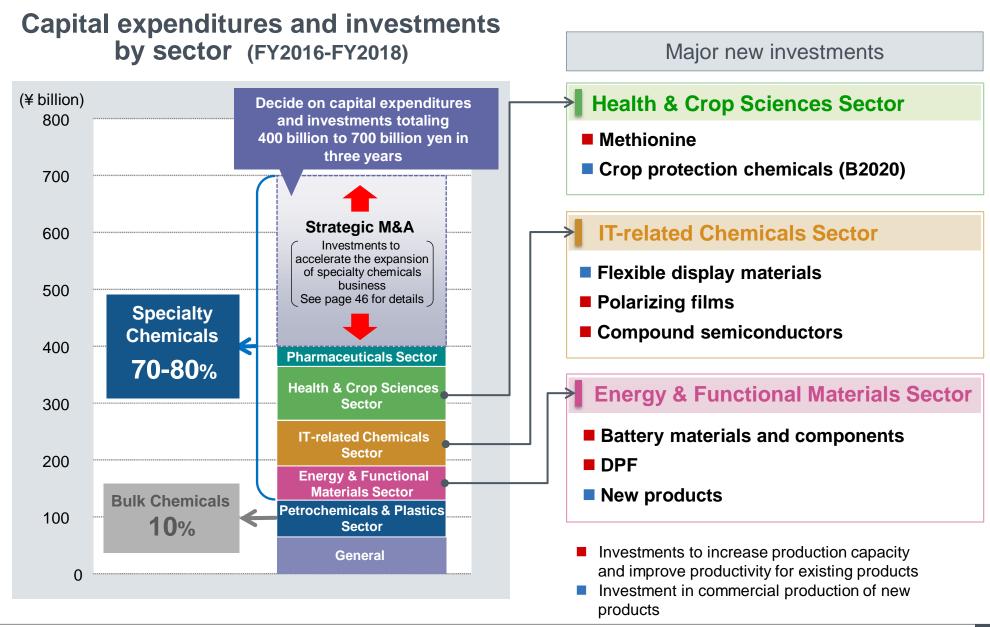
### **Areas for efficiency improvement**

- Where it is difficult to achieve technological differentiation
- Where demand significantly fluctuates
- Enhance cost competitiveness and pursue asset efficiency

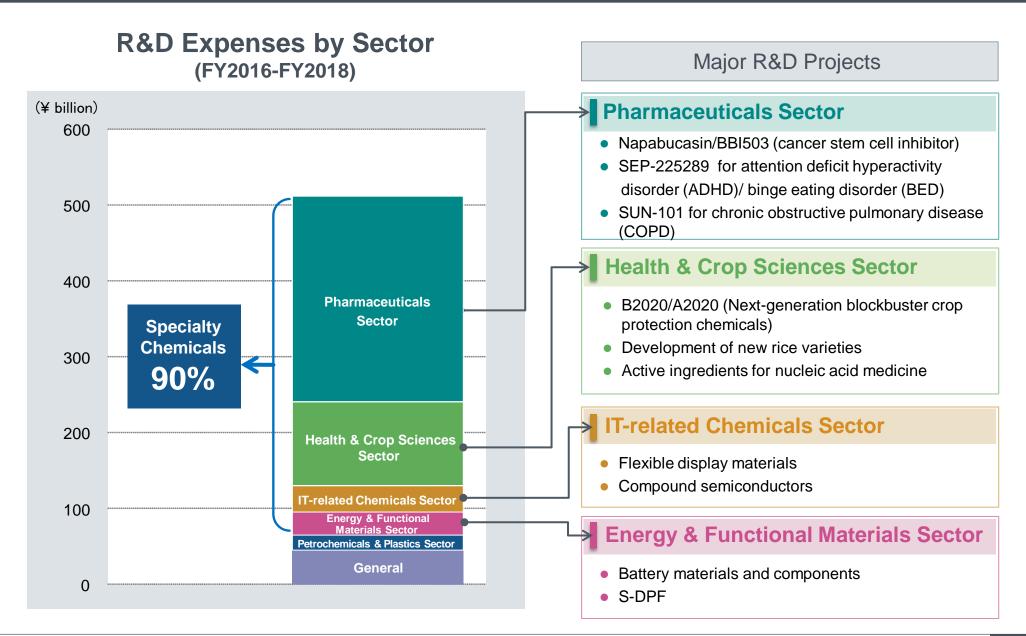
Achieve profit above the cost of capital Maximize return on investment

## Further improve business portfolio

### Further Improve Business Portfolio: Investments By Sector



## Further Improve Business Portfolio: R&D Expenses And Major Projects By Sector



## Further Improve Business Portfolio: Enhance Environment And Energy Businesses

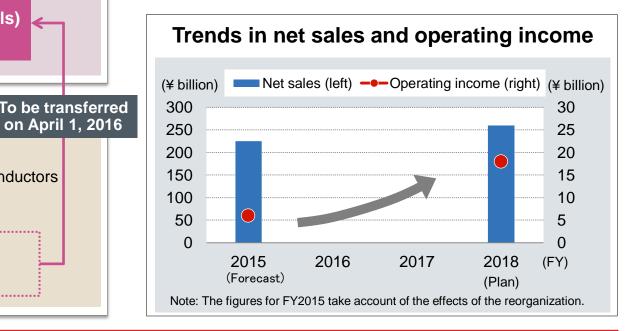
## Reorganization

# Energy & Functional Materials Sector Inorganic materials Fine chemicals Aluminum Advanced polymers Battery materials and components (separators, positive-electrode materials) Super-engineering plastics

## 

## Aims of the reorganization

- Transfer the businesses of the environment- and energy-related products and the materials and components for environmentally-friendly automobiles
- Promote the customer-oriented mindset and step up the efforts to develop new businesses



Accelerate the growth of the businesses in the environment and energy area

## **New Corporate Business Plan: Corporate Strategy**

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## **Enhance financial strength**

Improve profitability

Rigorously select investments

Improve asset efficiency

## Generate more cash flow

## Increase profit above the cost of capital

# Make active and disciplined investments

## Streamline balance sheet

- Strengthen competitiveness
- Reduce costs

- Identify areas for aggressive expansion
- Identify investment risks
- Continuously improve cash conversion cycle
- Sell non-operating, non-strategic assets

Build and maintain robust earnings power to consistently generate strong cash flow that allows us to take advantage of large-scale investment opportunities when they arise

## Generate More Cash Flow: Rationalization and Productivity Improvement Plan

## Initiatives for rationalization and productivity improvement

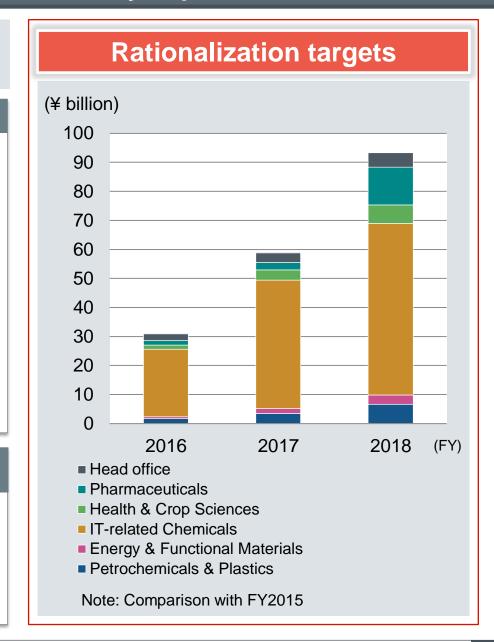
## Small and strong headquarters

- Consolidate our corporate departments, which have grown fractionalized as new head-office functions have been added on over time, so that each of the new corporate departments will have a wider scope of responsibility and be able to function more efficiently
- Streamline the functions of the regional headquarters and further localize the operations
- Speed up the Corporate research projects, alter our current R&D system so that it will be more conducive to collaboration in and outside the company/country, and more rigorously select R&D projects

## **Further cost reduction**

- Reduce purchasing costs
- Improve materials and utilities consumption in production
- Reduce selling expenses

- Reduce fixed costs
- Reduce general expenses



# Major business and work process innovation projects under consideration

- 1 Digitization of work processes and information related to plant operations
- Real-time information visualization and upgrading of information systems for global supply chain management
- 3 Development and implementation of precision agriculture solutions
- 4 Acceleration of R&D by leveraging artificial intelligence
- 5 Utilization of crowdsourcing, artificial intelligence, and sensor technologies

## Generate More Cash Flow: Further Improve Cash Conversion Cycle

## Initiatives for improving cash conversion cycle (CCC)

## 1. Further promote integrated management of production, sales and research operations

- Shorten production and distribution lead time
- Reduce the number of products and grades
- Improve the accuracy of sales forecast and strengthen sales management



Reduce and optimize inventory levels

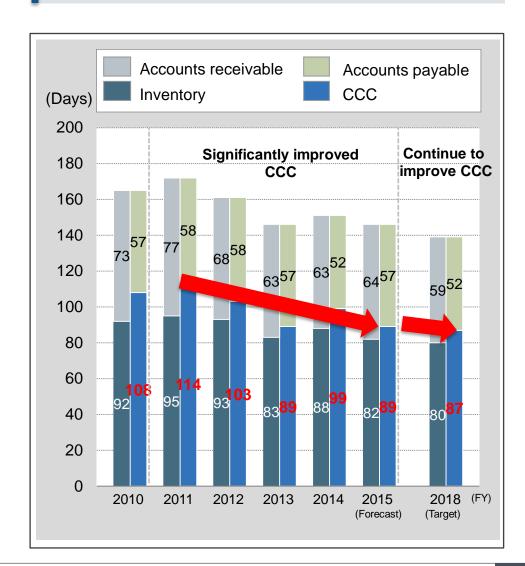
#### 2. Revise terms with customers

- For each customer, work to make credit periods for accounts receivable uniform and set them at the shortest of the existing terms
- Step up efforts to revise terms with customers while also seeking to optimize sales channels



Shorten accounts receivable terms and extend accounts payable terms

## **Trends in CCC**



## Generate More Cash Flow: Cash Flow Target

(Billions of yen)

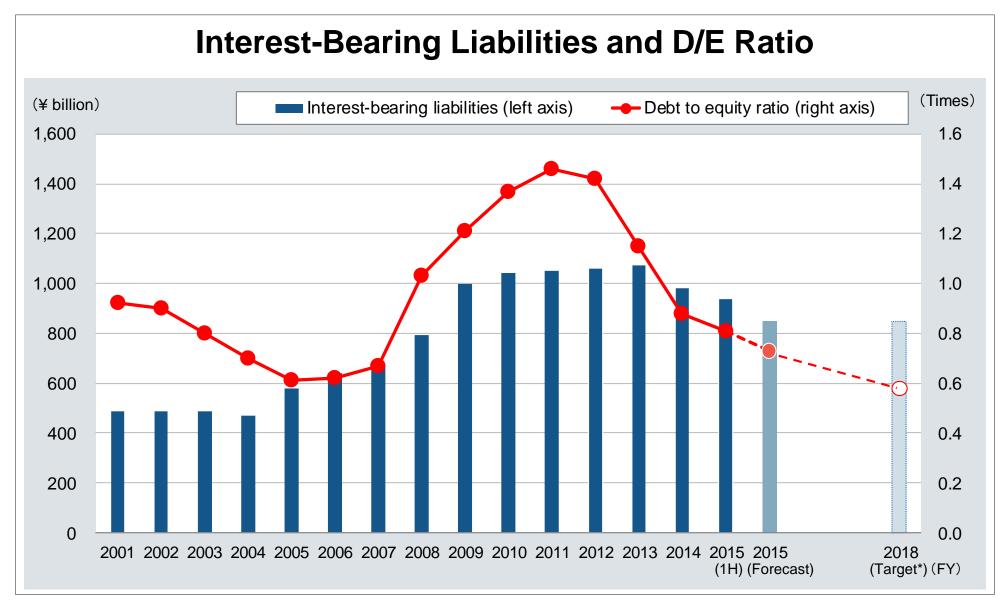
	FY2010-FY2012	FY2013-FY2015 (Forecast)	FY2016-FY2018 (Target)*
Cash flows from operating activities	472.3	715.2	680.0
Cash flows from investing activities	-445.7	-301.8	-540.0
Free cash flows	26.6	413.4	140.0

<sup>\*</sup> Including investment in Rabigh Phase II Project; not including investments in strategic M&A

(Billions of yen)

	End of FY2012	End of FY2015 (Forecast)	End of FY2018 (Target)
Interest-bearing liabilities	1,060.6	850.0	850.0

## Generate More Cash Flow: Interest-Bearing Liabilities And Debt to Equity Ratio



<sup>(\*)</sup> Including investment in Rabigh Phase II project; not including the effects of investments in strategic M&A

## 300 billion yen earmarked for investment in strategic M&A



## Aims of earmarking the funds for investment in strategic M&A

- Accelerate the expansion of specialty chemicals business
- Significantly improve business portfolio

## Preconditions for making investments in strategic M&A

- Generate free cash flow as planned
- Capitalize on cash reserves
- Accelerate non-operating asset sales



While maintaining a sound financial structure, seek large-scale investment opportunities in the specialty chemicals area to achieve sustained growth

Financial position after implementing strategic M&A

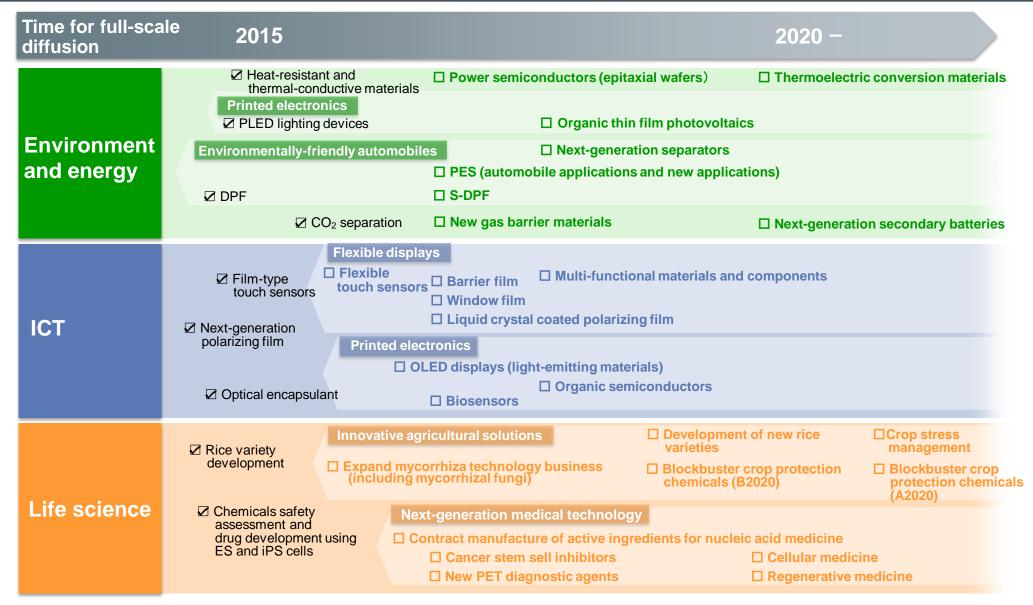
Interest-bearing liabilities
Approx. 1 trillion yen

D/E ratio
Approx. 0.7 times

## **New Corporate Business Plan: Corporate Strategy**

- Basic Policy And Performance Targets
- Further Improve Business Portfolio
- Generate More Cash Flow
- Accelerate The Launch Of Next-Generation Businesses
- Summary

## New Corporate Business Plan's Basic Policy: Accelerate The Launch Of Next-Generation Businesses



✓: Next-generation businesses that have been launched or are to be launched soon.

## Accelerate The Launch Of Next-Generation Businesses: Biorationals

## Microbial pesticides

Core products	Major applications
DiPel®	Microbial pesticide that can be used for a wide variety of crops
XenTari <sup>®</sup>	Same as above

## Plant growth regulators

Core products	Major applications
ProGibb <sup>®</sup>	Controls growth and size of crops
Promalin <sup>®</sup>	Thins out fruits, controls size
ReTain <sup>®</sup>	Regulates harvest time for fruits, prevents fruit drop
ProTone®	Controls coloring of fruits, delays germination

## Microbial agricultural materials

Core products	Major applications
Mycorrhizal fungi	Promotes efficient absorption of water and nutrients in soil

## **Our strengths**

- Superior BT (Bacillus thuringiensis) strains
- Outstanding production (fermentation) expertise

## **Our strengths**

- Pioneer of the plant growth regulator business
- Selling a wide range of plant growth regulators in more than 90 countries
- Capabilities to develop new markets by creating new solutions

#### **Our strengths**

- Technology for mass production of mycorrhizal fungi
- Expertise and proven track record for applying mycorrhizal fungi for a wide range of crops



Stable supply of highly effective microbial pesticides



Support for the cultivation of high quality crops



Stable supply of high quality mycorrhizal fungi

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## Accelerate The Launch Of Next-Generation Businesses: Biorationals

## Efforts for expanding the biorationals business

## Built new microbial pesticide active ingredient plant (July 2014)

Location: Osage, Iowa, U.S.A Start of operation: July 2014

Corporate Business Plan





## Acquired Mycorrhizal Applications, Inc. (March 2015)

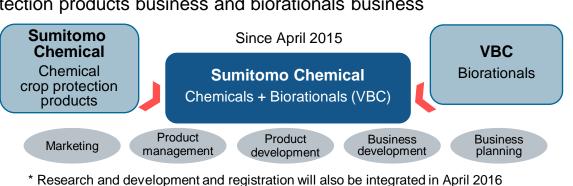
Acquired MA, a microbial agricultural materials (mycorrhizal fungi) business, to enhance product portfolio and seek synergies in sales and development





## Strengthened our global agrochemical business (April 2015)

Pursuing synergies by integrating the management of chemical crop protection products business and biorationals business



Reference: Net sales of biorationals (\$million) Microbial pesticides Plant growth regulators 500 **Grow biorationals** as one of the Sector's 400 core businesses 300 200 100 2009 2010 2011 2012 2013 2014 2020 \* The bar for 2020 does not represent sales forecast.

SUMITOMO CHEMICAL

## Accelerate The Launch Of Next-Generation Businesses: Regenerative and Cellular Medicine

## History of regenerative and cellular medicine R&D at Sumitomo Chemical Group

1990	Nerve regeneration joint research with Harvard Univ.
2001	Joint research on spinal cord injury with Prof. Okano of Keio Univ.
2001-5	Joint research with Prof. Yamanaka of Nara Institute of Science and Technology
2006	Joint research on generation of eyes with RIKEN (Sumitomo Chemical)
2010	Licensed in SB623 (a treatment for chronic cerebral infarction)
2013	Tie-up with Healios to launch regenerative medicine business
	Started research under the program of the Research Center Network for Realization of Regenerative Medicine (on spinal cord injury, Parkinson's and others)
2015	Received a stock of iPS cells for regenerative therapy from Kyoto Univ. Center for iPS Cell Research and Application (CiRA)

Embarked on research leading to regenerative and cellular medicine 25 years ago

## Partnerships for regenerative and cellular medicine R&D

**RIKEN** 

Kyoto Univ. CiRA

Keio Univ.

National Hospital Organization Osaka National Hospital



Collaboration with academia

### Sumitomo Chemical Group

#### **Sumitomo Dainippon Pharma**

## Kobe Regenerative & Cellular Medicine Center

- Research on the differentiation induction method for stem cells including iPS cells
- Research to develop effective methods for producing various cells developed by the differentiation induction method (completion of creation of master cell bank)

#### **Sumitomo Chemical**

## **Environmental Health Science Laboratory**

 Expertise on the differentiation induction of ES and iPS cells

Sumika Chemical Analysis Service and other Group companies

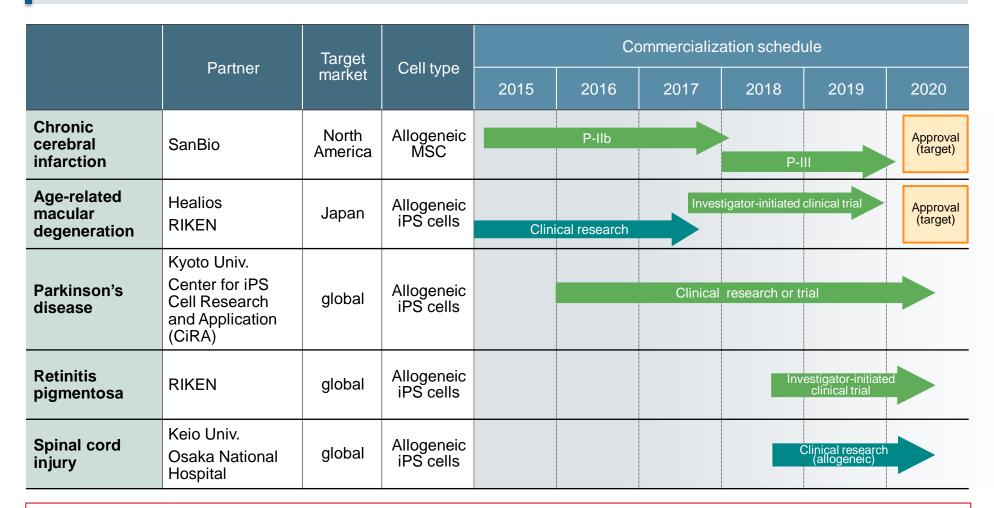


Collaboration with emerging companies

Healios

SanBio

## Regenerative and cellular medicine commercialization plan



Planning to start the operation of cell processing center in early 2017

## Accelerate The Launch Of Next-Generation Businesses: OLED-Related Materials

## **Smartphone display market**

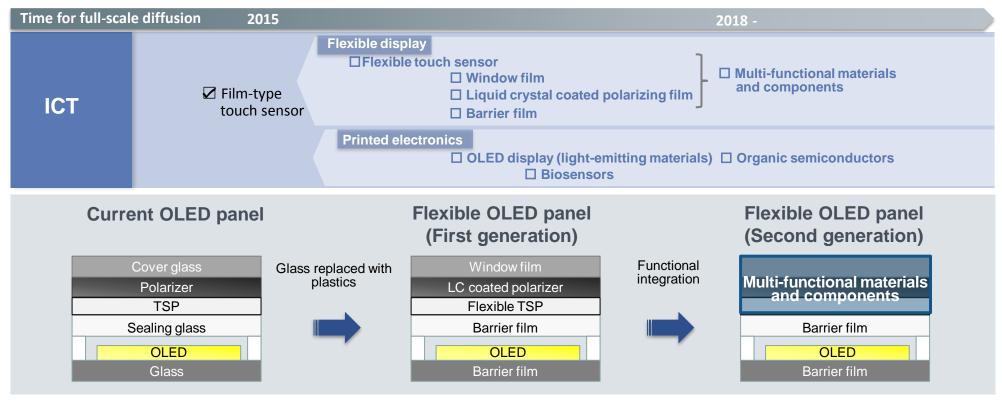


Source: IHS Technology (DisplaySearch)

#### Sumitomo Chemical's OLED-related materials OLED display structure SC's materials (already on market) SC's materials (under development) Cover glass Window film Polarizer Polarizer Liquid crystal coated polarizer ITO (xy) Touch sensor (TSP) Flexible TSP Sealing glass **PLED light-emitting materials OLED Barrier film** Glass

## Accelerate The Launch Of Next-Generation Businesses: OLED-Related Materials

## Roadmap for OLED-related materials development



## Sumitomo Chemical's competitive advantages

Material development capability



Product development capability Processing technology

as a diversified chemical company

acquired through display materials business

Contribute to evolution and diffusion of OLED technology

## **New Corporate Business Plan: Corporate Strategy**

- Basic Policy And Performance Targets
- Further Improve Business Portfolio
- Generate More Cash Flow
- Accelerate The Launch Of Next-Generation Businesses
- Summary

## New Corporate Business Plan: Basic Policy

## **Last 10 Years**

## Where We Are

## Where We Are Going

Pave the way for future growth (Tackle three priority management issues)

Implemented Rabigh Project

Launched DSP and acquired Sepracor/BBI

Established and expanded IT-related Chemicals Sector

## **Enhance financial strength**

Improve profitability

Rigorously select investments

Improve asset efficiency

#### Restructure businesses

Exit underperforming businesses

Improve business portfolio

## Further improve business portfolio

Identify areas of strength

Allocate resources to prioritized areas

#### Generate more cash flow

Increase profit above cost of capital

Make active and disciplined investments

Streamline balance sheet

## Accelerate the launch of next-generation businesses

Environment and Energy

Life Sciences

**ICT** 

Crossover areas

## Globalization

**Promote globally integrated management** 

Ensure full and strict compliance, establish and maintain safe and stable operations

## New Corporate Business Plan: Resource Allocation



¥510.0 billion

FY2016-FY2018
Capital expenditures, investments and loans

¥700.0 billion

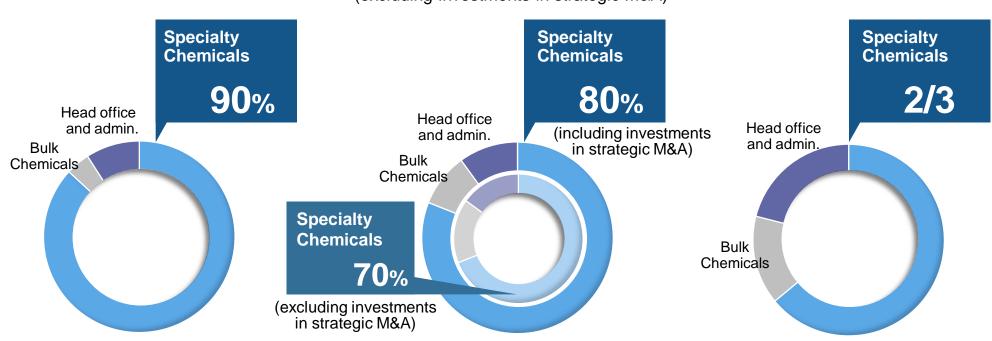
(including investments in strategic M&A)

¥ 400.0 billion

(excluding investments in strategic M&A)

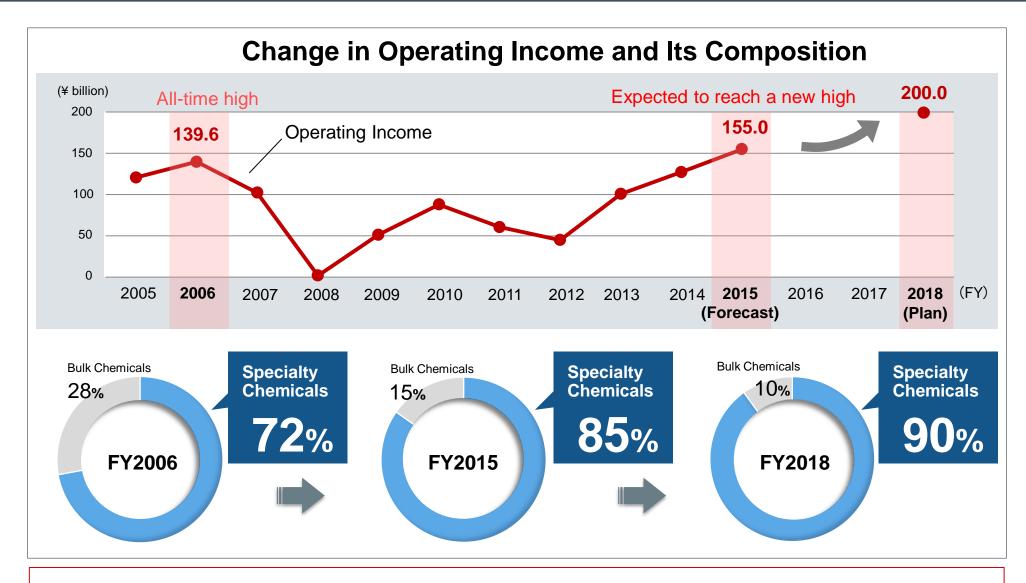


37,400



Allocate resources to the areas where we have technological advantages

## **Change In Business Portfolio**



Further increase in profitability of specialty chemicals business

## New Corporate Business Plan: Performance Targets

(Billions of yen)

	FY2015 Forecast	FY2018 Target	Change
Net Sales	2,250.0	2,540.0	+290.0
Operating Income	155.0	200.0	+45.0
(Equity in Earnings of Affiliates)	24.0	29.0	+5.0
Ordinary Income	170.0	210.0	+40.0
Net Income	80.0	110.0	+30.0
Naphtha Price	¥49,100/kl	¥45,000/kl	
Exchange Rate	¥121.0/US\$	¥120.0/US\$	

	Medium- to Long-term Targets  Consistently achieve the following targets:	FY2018 Target	(Reference) FY2015 Forecast
ROE	over 10%	12%	10%
ROI	over 7%	7%	5%
D/E Ratio	approx. 0.7 times	0.6-0.7 times*2	0.7 times
Dividend payout ratio	approx. 30%	-	29%
Profit growth *1	over <b>7</b> % per year	11% per year	-

<sup>\*1</sup> Compounded annual growth rate of net income from the last year of the previous Corporate Business Plan

<sup>\*2</sup> Including the effects of investments in strategic M&A

## Toward Sustained Growth

## **Toward Sustained Growth**

## **Shareholders**

Corporate Governance Code



Stewardship Code

## **Sumitomo Chemical**

## **Business Philosophy**

Commit ourselves to creating new value by building on innovation

Work to contribute to society through our business activities

Develop
a vibrant corporate culture
and continue to be a company
that society can trust

## **Business Strategy**

Further improve business portfolio

Generate more cash flow

Accelerate the launch of next-generation businesses

Promote globally integrated management

Ensure full and strict compliance, establish and maintain safe and stable operations

Medium- to long-term targets

Consistently achieve the following targets:

ROE

over 10%

ROI

over 7%

D/E ratio

approx. 0.7 times

Dividend payout

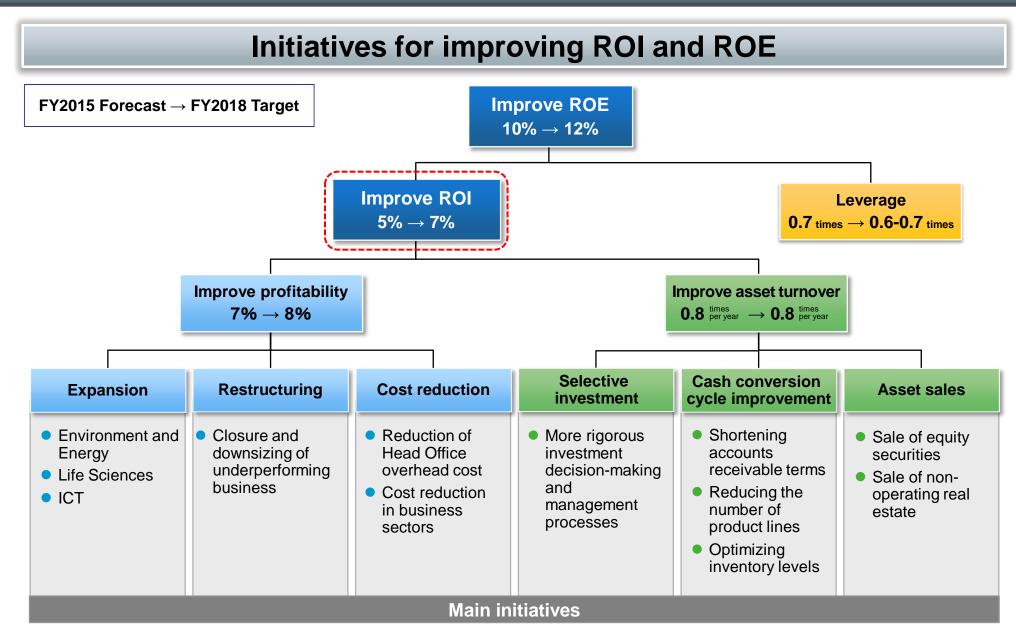
approx. 30%

Profit growth

over 7% per year

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## **Initiatives For Enhancing Enterprise Value**



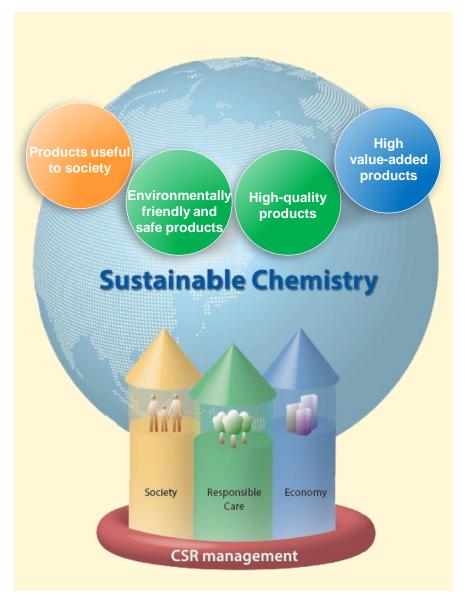
## **Strengthening Corporate Governance**

## **Corporate Governance Code** Comply with all general principles, principles, and supplementary principles Increase the number of outside directors Increased from one to three 40 percent of the directors, including corporate auditors, are now outside directors Strengthened the oversight **Established non-mandatory** Strengthening functions of the Board of Directors committees the governance Strengthened outside directors' system Set up a nomination committee and monitoring and advisory functions a remuneration committee Assess effectiveness of the Board (The majority of the committee through discussions at outside directors members are outside directors.) meetings and other means

Further enhance the effectiveness of governance by making full use of this reinforced system

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## Contribute To The Sustainable Development Of Society Through Business Activities



Contribute to the sustainable development of society with the power of chemistry



Participated in the UN Global Compact

Made Eco-First Commitments to the Ministry of the Environment

Signed up to the ICCA Responsible Care Global Charter







Socially responsible investment (SRI) recognitions







## **Environmentally-Friendly Products And Processes**

## **Clean Products**

### **Diesel particulate filters**

Superior in terms of pressure loss and thermal shock resistance



## Materials for LED manufacturing

High purity alumina and metal organics



#### **Super engineering plastics**

Outstanding heat resistance



#### S-SBR

Achieving both high fuel efficiency and high wet-gripping performance



## **Green Processes**

## **UV** curing for polarizer lamination

High energy efficiency and low environmental impact



### Propylene oxide-only process

No byproduct and high energyand resource-efficiency



## Vapor-phase caprolactam production process

No ammonium sulphate byproduct, low raw material consumption and compact production process

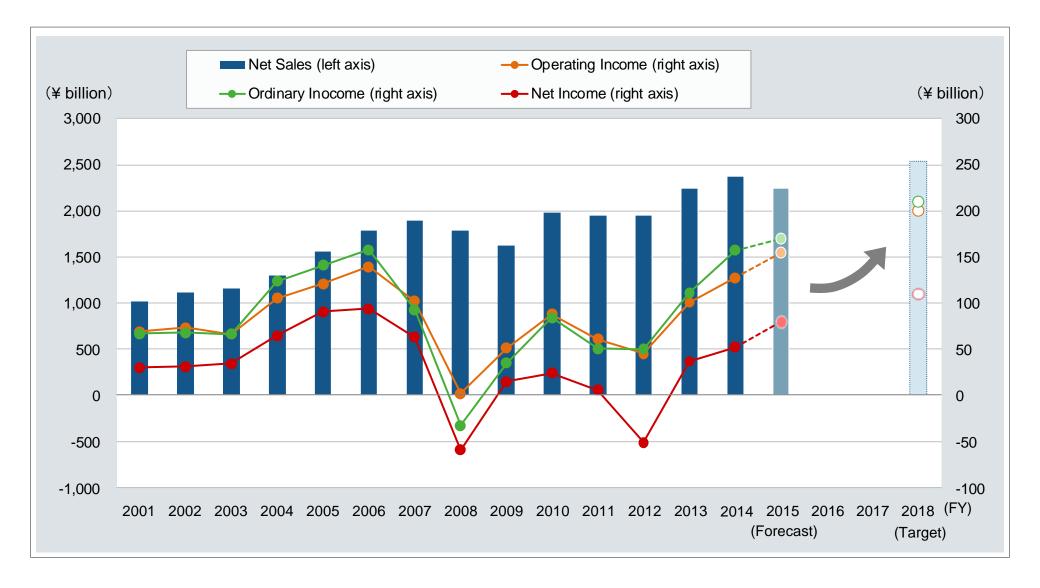


#### Hydrochloric acid oxidation process

Energy saving by recycling hydrochloric acid byproduct

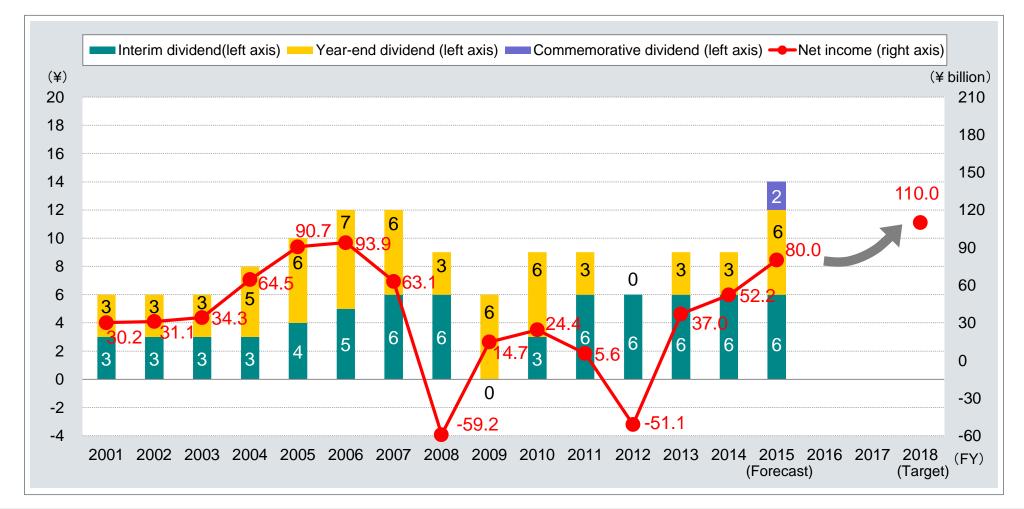


## **Business Performance Trends**



## **Dividend Policy**

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.



(Appendix)
New Corporate Business Plan: Business Strategy By Sector

## **Business Strategy—Petrochemicals & Plastics Sector**

# Long-term goal

Provide customers with new solutions based on high value-added products

## Status of the major businesses

- Global operation by leveraging the competitive advantages of the three bases in Japan, Singapore and Saudi Arabia
- Strong relations with prominent customers in the Asian market
- Access to low-cost ethane feedstock
- Capabilities to develop high value-added products
- Large and deep markets
- Steady growth in demand

- Relatively small business size compared to the global majors
- Dependence on naphtha, a more expensive feedstock than ethane/shale gas

Opportuni-t Threats ies

**Strengths** 

Weak-

- Establishment of more cost-competitive new plants
- Business risks and country risks

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## **Business Strategy—Petrochemicals & Plastics Sector**

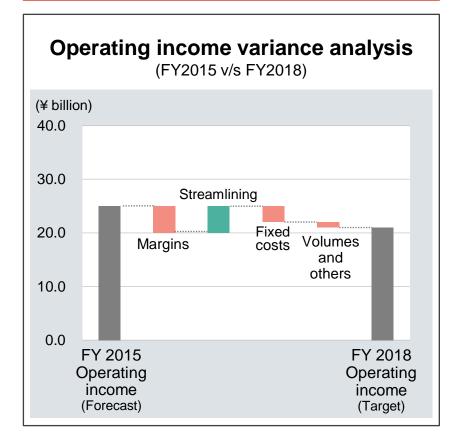
## **Action plan**

- Further increase the efficiency of the plants in Japan
- Enhance the supply of high value-added products from the Singapore complex
- Maintain stable operation at PetroRabigh and promptly start up the Rabigh Phase II Project

## **Major issues**

- Assess the competitiveness of vapor-phase process caprolactam plant
- Develop drastic profit improvement measures for the MMA business, including review of raw materials

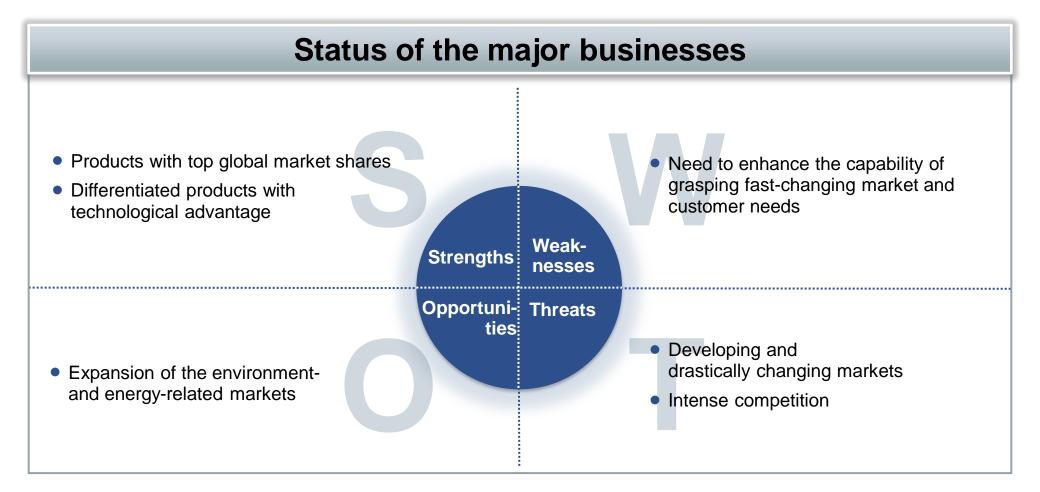
# FY2018 Target Net sales ¥800.0 billion Operating income ¥21.0 billion



## **Business Strategy—Energy & Functional Materials Sector**

# Long-term goal

Contribute to solving environmental and energy issues on a global scale, with the customer-oriented mindset and commitment to "offering materials that are sought after"



## **Business Strategy—Energy & Functional Materials Sector**

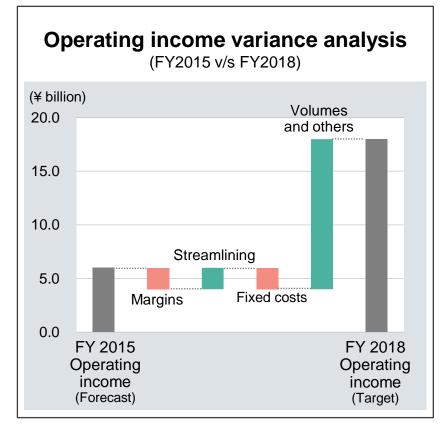
## **Action plan**

- Promptly make the major investment projects profitable
- Shift to high value-added products
- Accelerate the launch of new products and promptly make them profitable

## **Major issues**

 Develop new businesses in the environment, energy, high-functional material areas

# FY2018 Target Net sales ¥260.0 billion Operating income ¥18.0 billion



<sup>\*</sup> After reorganization of the business sectors

## **Business Strategy—IT-related Chemicals Sector**

# Long-term goal

Deliver new value that responds to the changes in the ICT industry by leveraging our material development capabilities in collaborative development with customers

## Status of the major businesses Offering a wide range of display materials Heavy reliance on some specific customers/products Established market needs-driven supply chains High exchange rate sensitivity Material development capabilities as a diversified chemical company Weak-**Strengths** Opportuni- Threats ties: Intensifying competition Fast-growing organic LED displays market in the maturing LCD market Emergence of the flexible display market

## **Business Strategy—IT-related Chemicals Sector**

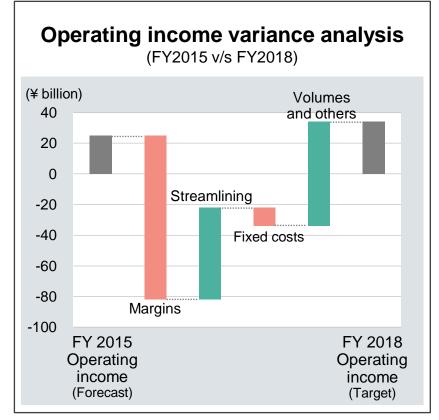
## **Action plan**

- Secure sustainability of the polarizer business
- Expand the touch sensor business
- Expand the semiconductor materials business

## **Major issues**

 Develop a new core business in addition to the polarizer and touch sensor businesses





<sup>\*</sup> After reorganization of the business sectors

## **Business Strategy—Health & Crop Sciences Sector**

## Long-term goal

Contribute to solving global issues related to food, health, hygiene and the environment by leveraging our excellent research and development capabilities

## Status of the major businesses

- Excellent R&D capabilities and the robust pipeline
- Differentiated technologies and products in niche areas
- Products with high market share
- Alliances with major overseas agrochemical companies
- Offering total solutions
- Increasing food demand due to the growing global population
- Growing agriculture-related businesses
- Opportunities in peripheral and downstream businesses of the household insecticide business

- Relatively small business size compared to the competing majors
- Need to establish global sales channels

Opportuni- Threats ties:

**Strengths** 

Weak-

- Tightening of the regulations on crop protection chemicals
- Increased competition with off-patent crop protection chemicals
- Consolidation in the agrochemical industry

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## **Business Strategy—Health & Crop Sciences Sector**

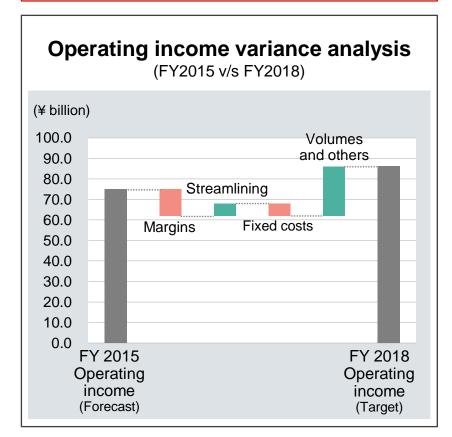
## **Action plan**

- Strengthen alliances in crop protection chemicals business
- Expand new businesses such as biorationals
- Develop the rice business
- Expand methionine sales
- Accelerate the global expansion of the public hygiene chemicals business

## **Major issues**

- Establish a global footprint in the crop protection chemicals business
- Expand methionine production capacity

# FY2018 Target Net sales ¥440.0 billion Operating income ¥86.0 billion



## **Business Strategy—Pharmaceuticals Sector**

# Long-term goal

Contribute to the improvement of people's quality of life through R&D-oriented innovative drug development

## Status of the major businesses

- Drug development platform in the areas of psychiatric and neurological disorders and cancer
- New drug development capabilities and sales network in the U.S.
- The pipeline of regenerative and cellular medicine and new drugs to meet unmet medical needs

Strengths

Opportuni-

- Limited capabilities to bear the heavy burden of R&D costs
- Effects of the patent cliff on financial performance

ties

**Threats** 

Weak-

nesses

- Accelerated implementation of medical expense control measures in Japan
- Changes in the health insurance systems overseas
- Consolidation in the pharmaceutical industry

Innovation in healthcare technology

Increasing health awareness

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## **Business Strategy—Pharmaceuticals Sector**

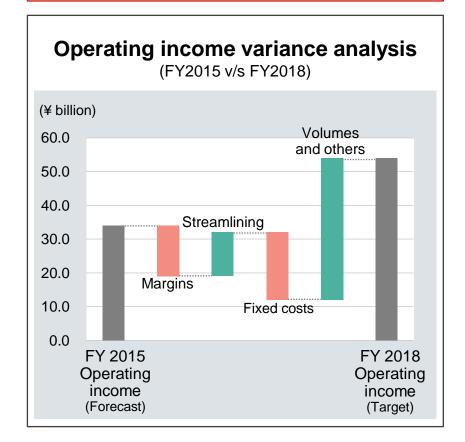
## **Action plan**

- Concentrate resources on the fields where there are high unmet medical needs
- Take measures against generics and strengthen the earnings power in Japan
- Accelerate the development of regenerative and cellular medicine
- Expand the diagnostic radiopharmaceuticals business and enhance its profitability

## **Major issues**

 Measures to maintain earnings after the expiration of LATUDA patents

# FY2018 Target Net sales ¥490.0 billion Operating income ¥54.0 billion



## **Creative Hybrid Chemistry**



## **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.