

# Second Mid-term Business Plan - FY2010 to FY2014 -

- Creation and transformation toward a new stage of globalization -

Dainippon Sumitomo Pharma Co., Ltd.

Masayo Tada, President

**February 16, 2010** 

## Agenda



- **◆Guideline of the Second Mid-term Business Plan** (2<sup>nd</sup> MTBP)
- **♦** Mid- to Long-term Vision
- **♦** Summary of the 1<sup>st</sup> MTBP
- ◆ Initiatives under the 2<sup>nd</sup> MTBP
- Business Goals
- **♦** Basic Strategies of the 2<sup>nd</sup> MTBP
- Returns to Shareholders

### **Guideline of the 2<sup>nd</sup> MTBP**



#### The 2<sup>nd</sup> MTBP was formulated based on the following four principles:

- Ability to realize DSP's management mission and achieve the mid- to long-term vision
- Continuity and consistency with the action plans for 2009
- Adoption of the premises of all items that cause uncertainty
- Participation of all departments in drafting the plan for agreement with its contents

#### **DSP's management mission:**

Manage from the patients' perspective, create innovative new drugs, continually maximize corporate value, provide opportunities for employees to increase their creativity and contribute to society as a corporate citizen.

# Mid- to Long-term Vision (Drawn Up in 2007)



### **Envisioning our corporate status for the next 10 years**

- Establish a solid foundation for our domestic business
- Expand our international business operation
- Enrich our R&D product pipeline to realize our future vision

### Our vision of the next 15 years

- Become an internationally competitive R&D-oriented pharmaceutical company
- Two solid mainstreams of our revenue, from domestic operation and from international operation

# Process to Achieve the Mid- to Long-term Vision (Drawn Up in 2007)



#### **MTBP** First phase Second phase Third phase 10 years Solid Take off **Sustained growth fundamentals** mid- to long-term vision Focus resources on four **Establish strong Expand domestic business** strategic products domestic business foundation Early maximization of foundation new products Achieve **Establish US marketing** Start-up US business in our **Expand sales activities in** organization own sales organization US **Expand US/EU clinical** development organization Strengthen new drug **Expand new product** Further expand new discovery activities and pipeline product pipeline in-licensing activities

# **Summary of the 1<sup>st</sup> MTBP** (FY 2007 – FY 2009)



### FY 2009 business goals

MTBP Goals FY2009 Forecast

Net sales 295.0 billion yen → 295.0 billion yen

Operating income 50.0 billion yen → 31.0 billion yen

Net income 30.0 billion yen → 19.0 billion yen

R&D costs 55.0 billion yen → 53.5 billion yen

Impact of government medical costs reduction Decrease in sales due to expiration of patents Acquisition of Sepracor Significant investment in lurasidone, etc.





### Major achievement during the 1st MTBP

- NDA submission of lurasidone and acquisition of marketing organization ahead of schedule (NDA submitted at end of 2009, launch targeted for 2011)
- ◆ Established and expanded business platform and R&D facilities in North America through acquisition of Sepracor
- Introduced regional headquarters in the Sales & Marketing Division (Regionally based, customer-oriented sales and marketing, transfer of responsibility and improved profitability)
- Achieved launch targets for the first MTBP

### **Impact of Sepracor Acquisition**



## ■ Start up for lurasidone and increase potential to maximize lurasidone business

- Substantially reduce time and costs for building a sales network
- Synergy with existing products in CNS area

### Establishment of business platform in North America

- Enter the North American market and gain superior ability to generate cash
- Leverage accumulated business know-how and experience to reduce business development risks
  - Quality assurance, pharmaceutical affairs, intellectual property, marketing strategy, etc.

### Further enhancement of development pipeline

- Seamless pipeline from initial to final stage of development
- Increase in R&D costs and improved productivity
- Synergies among main research areas (CNS, respiratory and inflammation/allergies)

# Process to Achieve the Mid- to Long-term Vision (Revised in 2010)



#### **MTBP** Second phase 10 years First phase Third phase Solid Take off **Sustained growth fundamentals** mid- to long-term vision Focus resources on four **Establish strong domestic Transform domestic** business foundation strategic products business foundation Early maximization of (Increase ratio of new new products drugs) Achieve **Establish US marketing** organization **Expand US business Develop sales activities** Expand US/EU clinical through our own sales outside North America and development organization organization China Start-up US business in our own sales organization Strengthen new drug **Expand new product Enhance new product** discovery activities and pipeline pipeline to global level in-licensing activities

### Initiatives under the 2<sup>nd</sup> MTBP



- Creation and transformation toward a new stage of globalization -

**Expand Iurasidone sales** 

**Expand earnings** in North America

Transform the domestic business structure

Pursue greater management efficiency

**Aggressive investment for future growth** 

**Enhance pipeline** 

Strategic alliances and in-licensing

Develop and enhance human resources

Become a internationally competitive R&D-oriented company

Two solid mainstreams of our revenue, from domestic operation and from international operation

### **Business Goals**



Note: Exchange rate: 90 yen/\$

Billions of yen

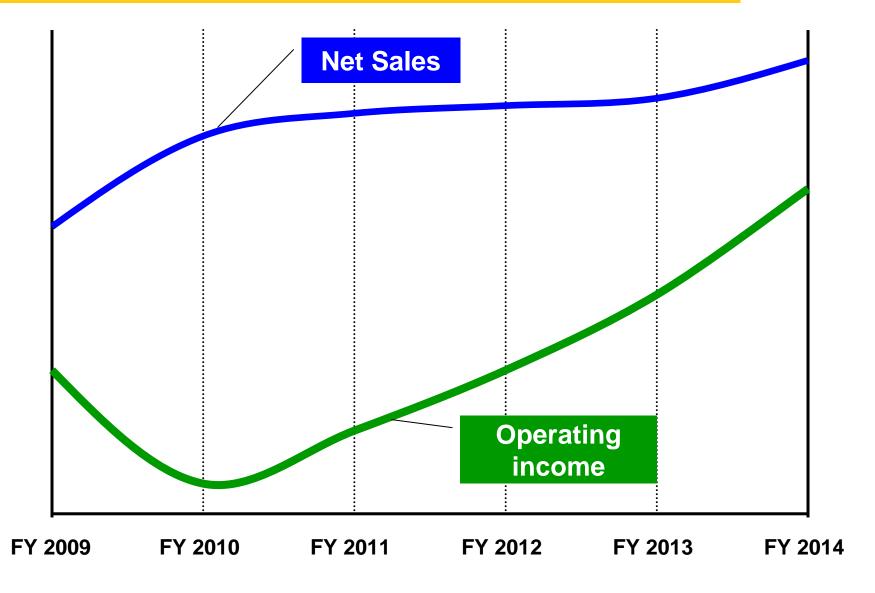
	FY 2009 Forecast	FY 2014 (Goals)	FY 2012 (Reference)
Net sales	295.0	440.0	400.0
Pharmaceuticals	236.0	375.0	340.0
Operating income	31.0	70.0	30.0
EBITDA *1	53.0	90.0	70.0
R&D costs	53.5	70.0	65.0

<sup>\*1.</sup> Earnings before interest, taxes, depreciation and amortization

<sup>\*2. 387.0</sup> billion yen including the net contribution from Sepracor for FY 2009

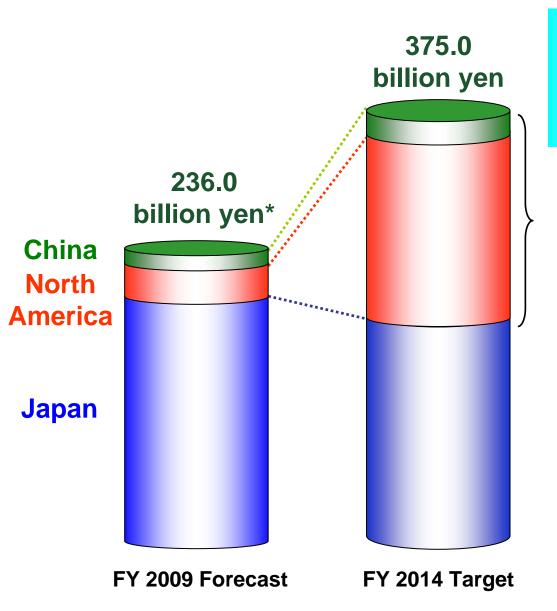
# Net Sales and Operating Income (conceptual graph)





# Sales Targets in Pharmaceutical Business (by Region)





Establish two solid mainstreams of our revenue from domestic operation and from international operation!!

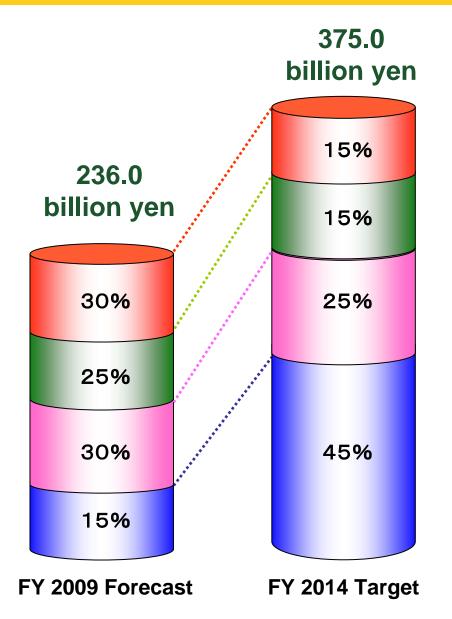
Bring overseas sales to 50% of total

Substantial contributions to earnings from launch of lurasidone and acquisition of Sepracor

<sup>\* 328.0</sup> billion yen including the net contribution from Sepracor for 2009

# Sales Targets in Pharmaceutical Business (by Therapeutic Area)





#### Cardiovascular/diabetes

Specialty area Cancer, infectious diseases, respiratory, etc.

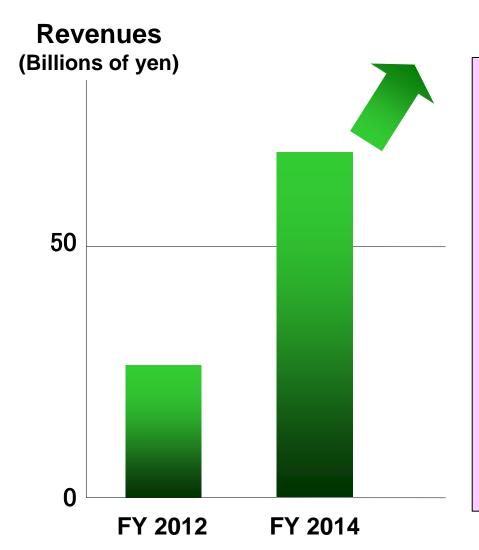
Gastrointestinal, allergy, etc.

#### **CNS** area

Substantial growth from acquisition of Sepracor and launch of lurasidone!

### Lurasidone projected sales in the U.S.





#### Synergies from Sepracor acquisition

#### Sales synergies:

Quick market penetration and sales expansion through use of Sepracor's franchise in the CNS area

#### Cost synergies:

- Avoid investment in creating a new organization
- Large-scale savings in costs for employing new MRs →
   Use of Sepracor MRs in marketing to general practitioners and specialists

Subject to FDA approval; 2011/1Q potential launch for schizophrenia only (2014 sales include potential additional indication for bipolar depression, if approved by FDA; Phase III clinical trials under way as treatment for bipolar disorder)

## Basic Strategies of the 2<sup>nd</sup> MTBP



- Creation and transformation toward a new stage of globalization -
- 1. Transform the earnings structure in Japan
- 2. Expand overseas operation and maximize earnings
- 3. Expand the pipeline for continuous new drug creation
- 4. Promote CSR management and continuous increases in management efficiency
- 5. Establish a challenging corporate culture and cultivate human resources

# 1. Transform the Earnings Business Structure in Japan



#### **Continuous growth as a R&D-oriented Pharmaceutical Company**

### Marketing strategies

Rigorously focus on strategic products and new products

Response to diverse customer needs and demands

Maximize product value
Maximize customer
satisfaction
Improve business
efficiency

Strengthen MR quality

Quickly establish a regional headquarters system

### Product strategies

Accelerate development of In-house product pipeline

Expand the pipeline through in-licensing and alliances

Compile clinical evidence PLCM

PLCM: Product Life Cycle Management

## 1-1. Domestic Pharmaceuticals: Focus Marketing Areas and Products



## Focus marketing areas:

Cardiovascular and diabetes

**CNS** 

Cancer and infectious diseases

Strategic products: AVAPRO®, LONASEN®, PRORENAL®

**New products:** TRERIEF®, MIRIPLA®, METGLUCO®,

repaglinide, AMLODIN®/AVAPRO® comb.

Focus products: AMLODIN®, GASMOTIN®, AmBisome®, etc.

## 1-2. Domestic Pharmaceuticals: Strategies by Product



#### **AVAPRO®**

- Intensive investment in e-promotion
- Cultivate MRs with cardiovascular specialization

FY 2014 target: 15 billion yen

#### **LONASEN®**

- Compile clinical evidence/PLCM
- Strengthen CNS specialist MRs

FY 2014 target: 22 billion yen

#### **PRORENAL®**

- Increase awareness of lumbar spinal canal stenosis
- Further improve recognition of the brand name
- Compile clinical evidence

FY 2014 target: 18 billion yen

Note: Product sales figures before adjustment for rebates

# 1-3. Domestic Pharmaceuticals: Sales by Product Type



(Billions of yen)

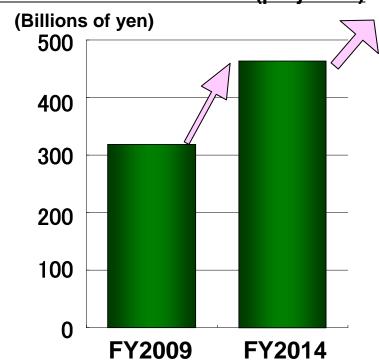
	FY 2009 Forecast	FY 2014 (Projected)	Changes
Strategic products	26.0	55.0	29.0
New products	5.0	23.0	18.0
Focus products	108.0	54.0	-54.0
(AMLODIN®, GASMOTIN®, MEROPEN®)	(87.0)	(36.0)	(-51.0)

### 1-4. Increase Our Presence in the CNS Area

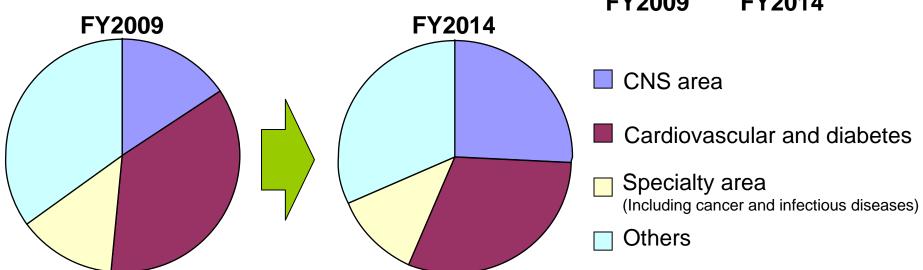


- Further increase number of CNS specialist MRs
- Increase sales of LONASEN® and TRERIEF®
- Develop lurasidone and Sepracor's compounds in Japan

#### **CNS Area Domestic Sales (projected)**



#### **Domestic Sales by Therapeutic Area**



### 1-5. Response to the New NHI Drug Price System



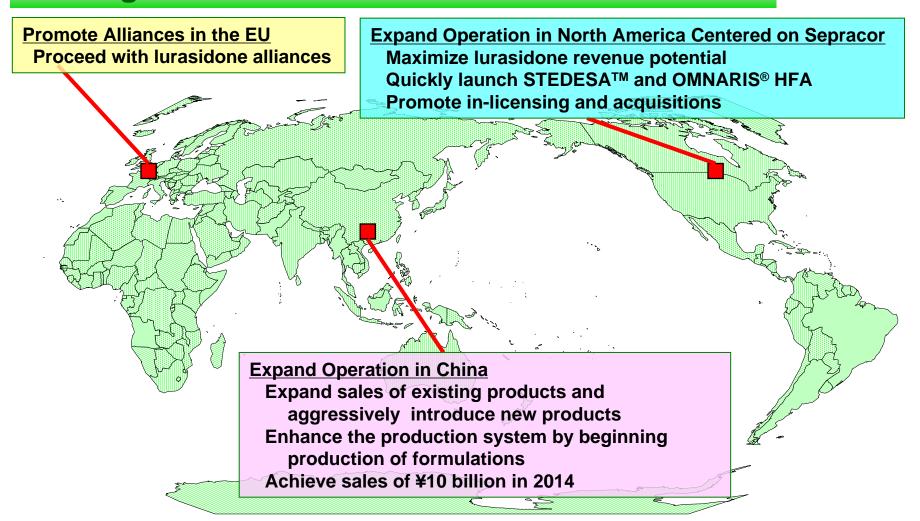
- Promote product development, in-licensing and acquisitions
- Respond to government requirements on drug-lag issues
- Refine marketing strategies and distribution policies
- Deal with long-listed products
  - Provide information for proper use, compile clinical evidence, provide advanced scientific data, draw up new PLCM strategy
  - Examine possible frameworks for low-cost operation of lessprofitable products



Increase the ratio of new drugs through continuous launches

# 2. Expand Overseas Operation and Maximize Earnings





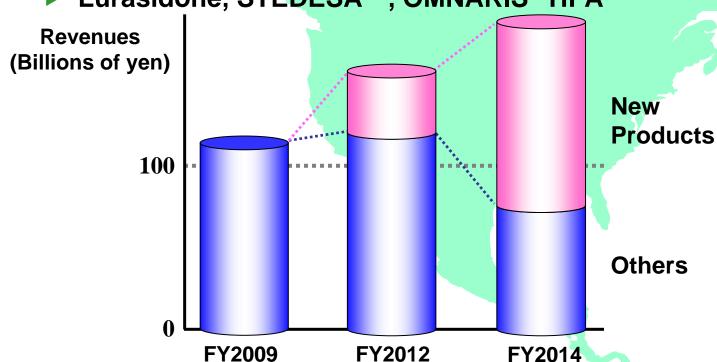
Also enter countries other than North America, China and the EU

### 2-1. Initiatives for North American Operation - 1



- Increase profitability by optimizing the North American business organization
  - Earlier completion of PMI and start up new business organization
  - Build a sales organization for lurasidone and strengthen franchises in the CNS and respiratory areas
- Successfully launch new products

▶ Lurasidone, STEDESA<sup>™</sup>, OMNARIS<sup>®</sup> HFA



### 2-1. Initiatives for North American Operation - 2



- Upgrade R&D organization, etc.
  - Organic alliances in the DSP Group
- Seek licensing opportunities
  - Centered on CNS and respiratory areas
- Group portfolio management



# 3. Expand the Pipeline for Continuous New Drug Creation



## R&D Areas in a Mid- to Long-Term

Focus therapeutic area: CNS area

Challenge therapeutic area: Specialty area\*

\*Diseases with high unmet medical needs, and highly specialized research, development and management are required

### Existing products in clinical development

- Rapid POC confirmation, rapid NDA filing and approval
- New R&D program
  - Prioritize products in focus area and challenge area
  - Evaluate other areas based on product potential, development scale and competitive conditions

### 3-1. Initiatives for Continuous New Drug Creation



### **Overall R&D strategy**

- Prioritize investment in establishing POC for next strategic candidates
- Enhance overseas development function as a basic strategy for global development
- Seek out various measures to expedite R&D

### Progress targets for each stage

- Ensure fulfillment of approval targets
- Enhance early-stage research activities
  - Establish POC for one product every year
  - Start PI for two products every year

## 3-2. Striving in Alliances and In-licensing through Strategic Investment



### Aggressively invest in products with early launch potential

- In-licence products that can leverage the domestic business foundation in areas such as CNS
- Acquire late-stage development products by applying Sepracor's information network and in-licensing know-how

### **Expand the development pipeline**

Emphasize the focus area and challenge area

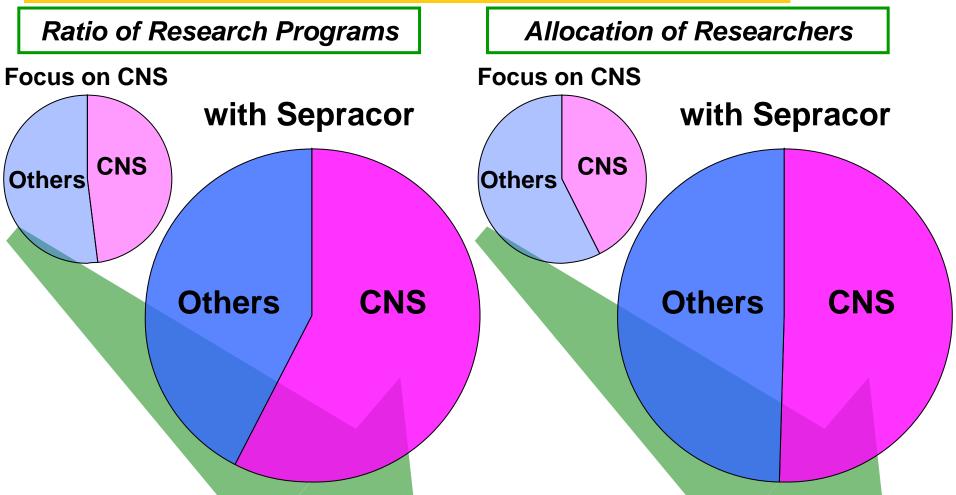
Discovery

## Promote alliances and collaborations for the continuous new drug creation

- Alliances and collaborations with venture companies and academia
- Research in oligo nucleotides and antibodies

# 3-3. Strengthen Research in CNS Area (conceptual graph)





Bolstered by focusing on CNS and the Sepracor acquisition, Expand the CNS pipeline by further concentration!

## 3-4. Development Pipeline



	NDA filed	Phase III	Phase II	Phase I
Japan	SMP-508 (Diabetes)	Lurasidone (Schizophrenia)	AS-3201 (Diabetic neuropathy)  DSP-8153 (Hypertension/ Combination product)	SMP-986 (Overactive bladder)  DSP-3235 (Diabetes)  DSP-3025 (Bronchial asthma / Allergic rhinitis)
Overseas	Lurasidone US (Schizophrenia)  STEDESA <sup>TM</sup> US/Sepracor (Epilepsy-Adjunct)  New Chemical Entities  New Indication etc.	Lurasidone US, EU etc. (Bipolar disorder)  STEDESA <sup>TM</sup> US/Sepracor (Epilepsy- Adult monotherapy)  Amrubicin hydrochloride China (Small cell lung cancer)  OMNARIS® HFA Nasal MDI US/Sepracor (Allergic rhinitis)  LUNESTA® US/Sepracor (Insomnia-Pediatrics)	SMP-986 US, EU (Overactive bladder)  SEP-225289 US/Sepracor (TBD)  SEP-227162 US/Sepracor (Major depressive disorder)  SEP-227018 US/Sepracor (Insomnia)  ALVESCO® HFA US/Sepracor (Asthma-Pediatrics, age range TBD)	SMP-028 US, EU (Bronchial asthma)  DSP-7238 EU (Diabetes)  DSP-8658 US (Diabetes)  SEP-227900 US/Sepracor (Cognition/Pain/AD)  SEP-228432 US/Sepracor (ADHD)

### 3-5. Launch Targets



#### 2<sup>nd</sup> MTBP

#### Japan

**SMP-508** (Diabetes)

**DSP-8153** (Hypertension/ **Combination product)** 

**New Chemical Entities** 

New Indication etc.

#### **Overseas**

Lurasidone US, EU etc. (Schizophrenia, **Bipolar disorder**)

> **STEDESA<sup>TM</sup> US/Sepracor** (Epilepsy)

**Amrubicin** hydrochloride China (Small cell lung cancer) Sepracor's pipeline in Japanese market

review

under

ဖ

Potential of

**Blonanserin** China (Schizophrenia)

**OMNARIS® HFA Nasal MDI US/Sepracor** (Allergic rhinitis)

**LUNESTA® US/Sepracor** (Insomnia-Pediatrics)

**ALVESCO® HFA US/Sepracor** (Asthma-Pediatrics, age range TBD)

#### 3rd MTBP Onward

Lurasidone JP (Schizophrenia)

AS-3201 JP. (Diabetic neuropathy)

> **DSP-3235** JP (Diabetes)

**DSP-3025** JP. (Bronchial asthma/ Allergic rhinitis)

**SMP-601** JP (Life-threatening infection)

**SMP-986** JP. US. EU (Overactive bladder)

**SMP-028** JP, US, EU (Bronchial asthma)

**DSP-7238** EU (Diabetes)

**DSP-8658** JP, US (Diabetes)

SEP-225289 **US/Sepracor** (TBD)

SEP-227162 **US/Sepracor** (Major depressive disorder)

SEP-227900 **US/Sepracor** (Cognition/Pain/AD)

> SEP-228432 **US/Sepracor** (ADHD)

SEP-227018 **US/Sepracor** (Insomnia)

AD: Alzheimer's disease

ADHD: Attention-deficit hyperactivity disorder

# 4. Promote CSR Management and Continuous Increase in Management Efficiency



- Promote CSR management
  - Establish global governance
- Improve management efficiency through job streamlining and transformation
  - Thoroughly promote low-cost operation on all fronts
    - Reduce costs by more than 12 billion yen by 2014
- Transform the business structure
- Expand operations and improve management efficiency by splitting off non pharmaceutical businesses

### 4-1. Reorganize Non Pharmaceutical Businesses



### **DS Pharma Animal Health Co., Ltd.**

- Split off the animal science business
- Clarify business responsibilities, accelerate decision-making and improve profitability to become a leading company
- Closely coordinate with DSP's R&D divisions

### DSP Gokyo Food & Chemical Co., Ltd.

- ► Integrate DSP's food and specialty products business into its subsidiary Gokyo Trading Co., Ltd.
- Seek to maximize synergy effects as an enterprise combining research, development and sales
- Strengthen the company's originality and marketing capabilities to become a highly profitable R&D oriented company

# 5. Establish a Challenging Corporate Culture and Cultivate Human Resources



- Share and practice the corporate mission and management mission within the DSP Group
- Encourage new challenges and establish a corporate culture of speedy response
- Promote C&S Campaign

Activities to improve awareness and conduct, with the mottos "Change for Challenge!" and "Seek Something New!"

- Cultivate and energize diverse human resources
  - Cultivate and recruit human resources for global expansion
  - Enhance research specialization
  - Establish and entrench the new personnel system scheduled for introduction in 2010

### **Returns to Shareholders**



## Dividend Policy

- Allot appropriate dividends in line with performance while balancing aggressive investment and internal reserves for future growth
- Also consider stable dividends

### Dividends Paid

	FY 2006	FY 2007	FY 2008	FY 2009
	(Actual)	(Actual)	(Actual)	(Forecast)
Net income	22.6	25.6	20.0	19.0
	billion yen	billion yen	billion yen	billion yen
Cash dividends per share	14 yen	18 yen	18 yen	18 yen

### Initiatives under the 2<sup>nd</sup> MTBP



- Creation and transformation toward a new stage of globalization -

Expand Iurasidone sales

**Expand earnings** in North America

Transform the domestic business structure

Pursue greater management efficiency

**Aggressive investment for future growth** 

**Enhance pipeline** 

Strategic alliances and in-licensing

Develop and enhance human resources

Become a internationally competitive R&D-oriented company

Two solid mainstreams of our revenue, from domestic operation and from international operation

# Disclaimer Regarding Forward-looking Statements



The statements made in this presentation material are forward-looking statements based on management's assumptions and beliefs in light of information available up to the day of announcement, and involve both known and unknown risks and uncertainties.

Actual financial results may differ materially from those presented in this document, being dependent on a number of factors, many of which are outside of the control of DSP.

Information concerning pharmaceuticals (including compounds under development) contained within this material is not intended as advertising or medical advice.