

“For Tomorrow 2015”

New Mid-term Management Initiative
(FY2011–2015)

May 17, 2011

AsahiKASEI

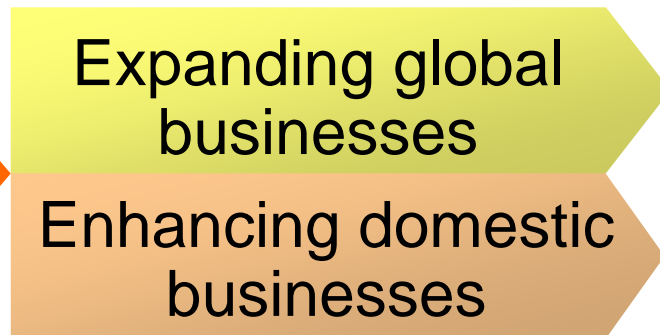
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Disclaimer:

The forecasts and estimates shown in this document are dependent on a variety of assumptions and economic conditions. Plans and figures depicting the future do not imply a guarantee of actual outcomes.

1. Review of “Growth Action – 2010”

Growth Action – 2010



(¥ billion)

	FY 2005 results	FY 2010 initial target
Net sales	1,498.6	1,800
Operating income	108.7	150
Net income	59.7	80
ROE	11.8%	≥10%

Implementation of strategy for further growth in line with economic changes

Expanding global businesses

- World competitive petrochemicals business
 - Construction of new acrylonitrile (AN) and MMA plants in Thailand, capacity expansion for AN in Korea, study on AN project in Saudi Arabia
 - Construction of new solution SBR plant in Singapore
- Electronics
 - Capacity expansion for Hipore™ Li-ion battery (LIB) separator
 - Electronic compass business, semiconductors for cell phones and smartphones (acquisition of Toko, Inc.'s semiconductor business, etc.)
- Health Care
 - Polysulfone hollow-fiber membrane artificial kidneys business (incl. tie-ups with Kawasumi Laboratories, Inc. and NxStage Medical)
 - Market entry in bioprocess equipment and advanced medical devices businesses

Enhancing domestic businesses

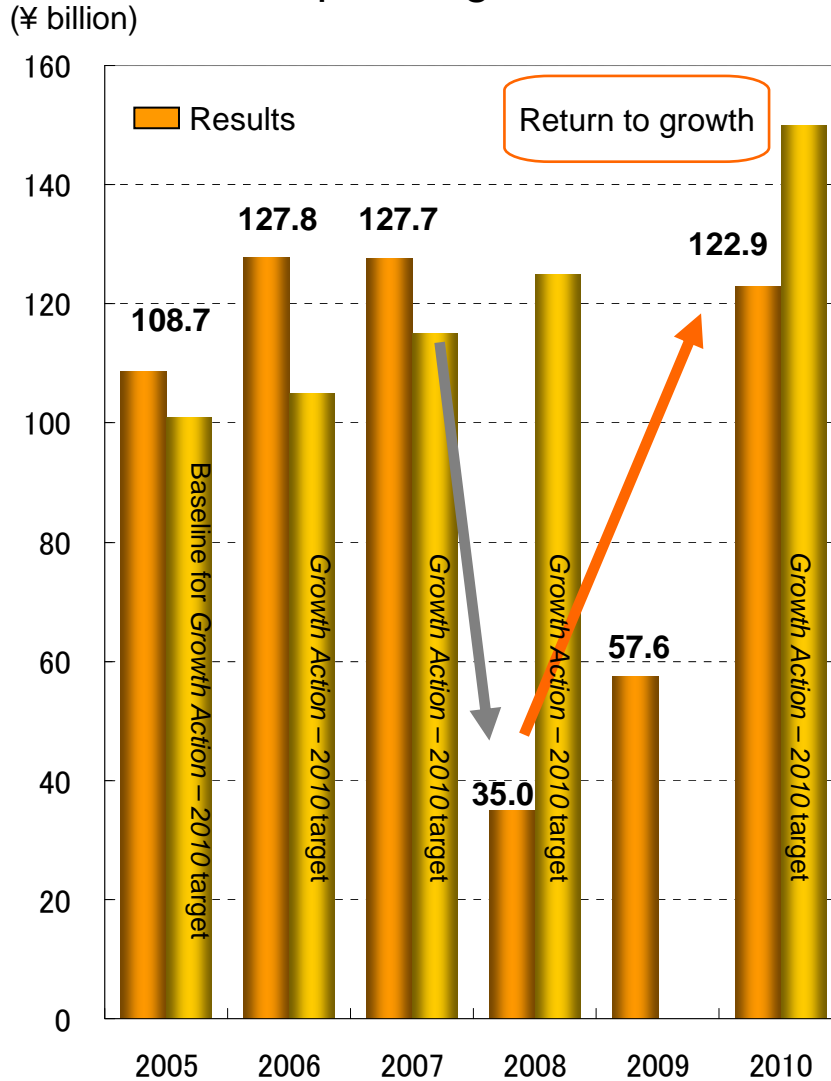
- Reinforcing pharmaceuticals business
 - Market launch of Recomodulin™ recombinant thrombomodulin and Famvir™ anti-herpes agent, application for approval to manufacture and sell Teribone™ (teriparatide acetate) as an osteoporosis drug
- Strengthening homes business (three-story houses for urban life, peripheral businesses, etc.)

Restructuring

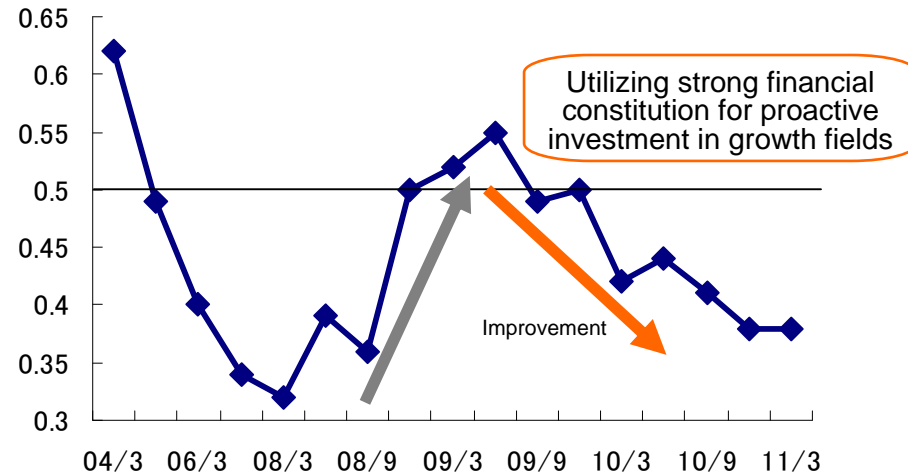
- Unified management of naphtha crackers in Mizushima, Japan; closure of polyester filament plant, etc.

State of financial performance

Operating income

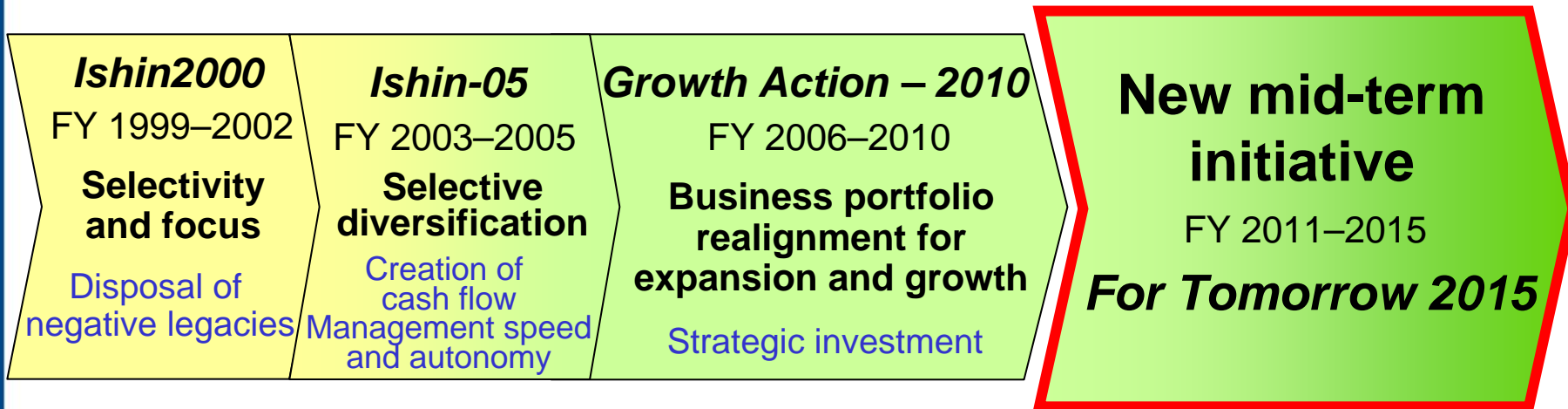


D/E ratio



	(¥ billion)	
	FY 2010 results	FY 2010 original target
Net sales	1,598.4	1,800.0
Operating income	122.9	150.0
Net income	60.3	80.0
ROE	9%	≥10%

Toward the new mid-term initiative



Overview of *Growth Action – 2010*

- Drastic changes in the economic climate resulted in partial underachievement of plans.
 - Initial targets not met
 - Strategy for further growth not completed
- Improvement in financial constitution providing sufficient strength for large investments in growth fields.



Framework of *For Tomorrow 2015*

- Go “back to basics” and determine the proper course of action in order to continue to offer value to the world
- ✓ Consider economic climate and trends
 - ✓ Find the appropriate way for Asahi Kasei
 - ✓ Pursue growth in our own way

2. Basic concepts of “For Tomorrow 2015”

Management climate

Megatrend	Threat	Opportunity
1. Growth of developing countries	<ul style="list-style-type: none">• Increasingly intense global competition• Accelerated speed of change	<ul style="list-style-type: none">• Growing demand in emerging markets
2. Maturing of the Japanese economy	<ul style="list-style-type: none">• Asahi Kasei Group's domestic sales account for 3/4 of overall sales• Unprecedented natural disaster	<ul style="list-style-type: none">• Proposal and contribution of new value for social systems
3. Limitations of the Earth		
1) Shortage of natural resources	<ul style="list-style-type: none">• Sharp rise in feedstock costs• Greater advantage in resource-rich countries	<ul style="list-style-type: none">• Creation of resources• Effective utilization of resources
2) Global warming	<ul style="list-style-type: none">• More stringent environmental regulations in advanced countries	<ul style="list-style-type: none">• New markets (for electric vehicles, batteries, insulation)
3) Environmental deterioration		
4. Aging population	<ul style="list-style-type: none">• Change in household structure and consumer behavior• Government efforts to cut medical costs	<ul style="list-style-type: none">• Emerging demand and social needs in healthcare, living, nursing care, etc.

Based on megatrends, capturing new opportunities in anticipation of emerging social needs.



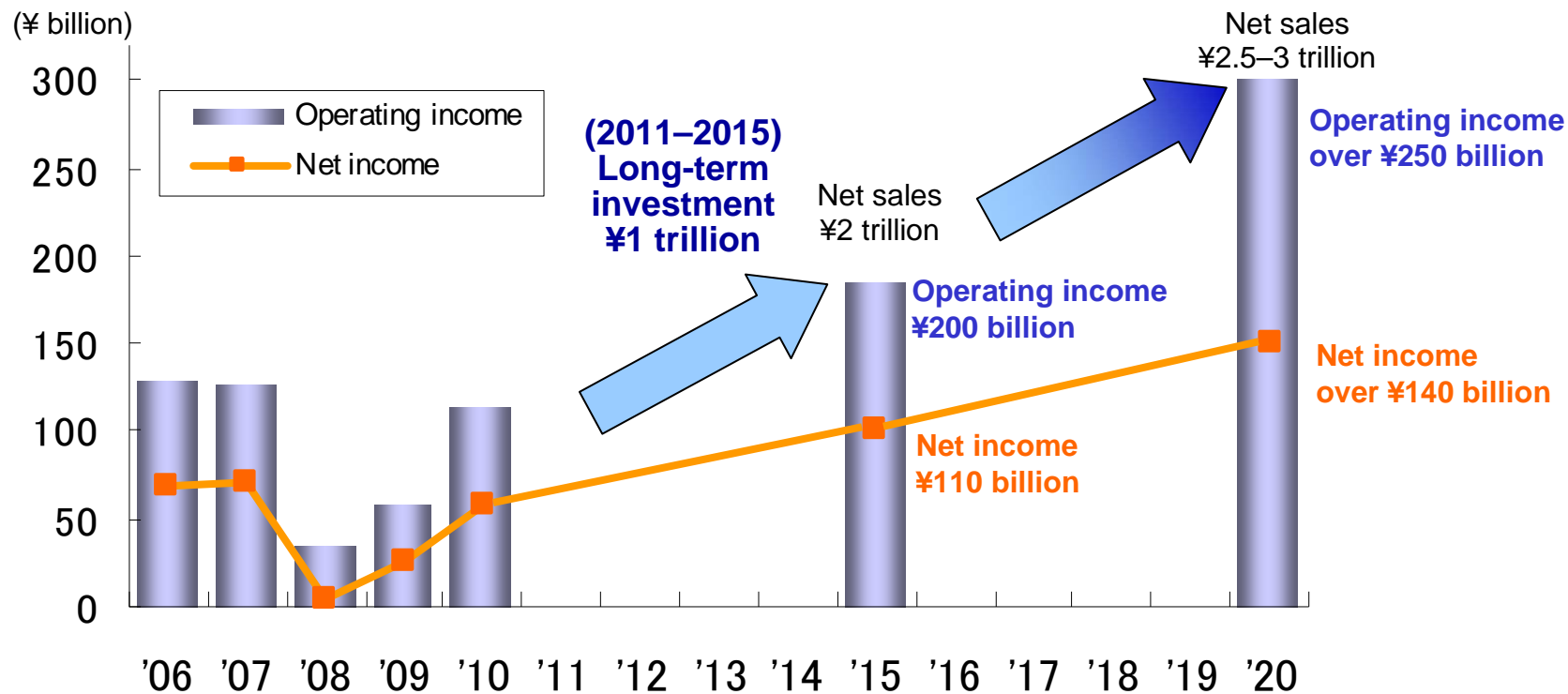
Group Mission The Asahi Kasei Group's unchanging reason for being

Group Values Shared values that must be held by the people who work in the Asahi Kasei Group

Group Vision The direction in which Asahi Kasei Group business activities advance

Vision for the Asahi Kasei Group

Offering new value based on *living in health and comfort and harmony with the natural environment* in anticipation of changing social needs. Continuously enhancing the corporate value of the Asahi Kasei Group.



ROE	9%
ROIC	7%
Overseas sales ratio (excl. Homes & Const. Mat.)	28% (39%)

≥10%
≥7%
32% (45%)

Basic strategy

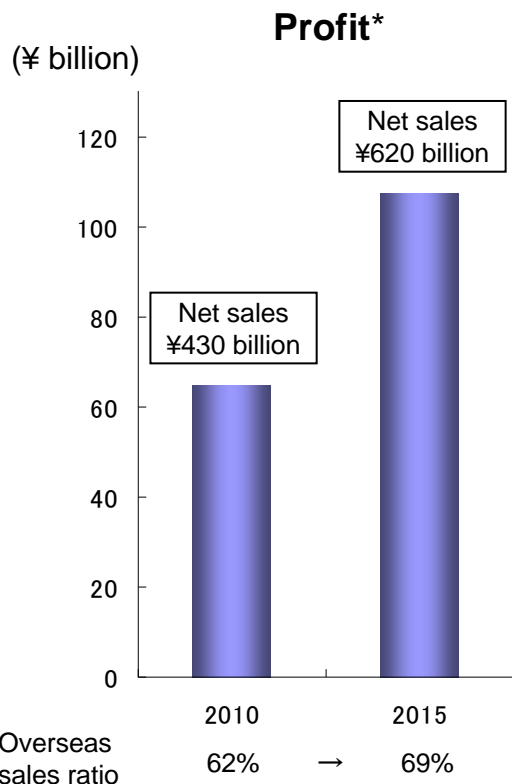


3. Business Strategy

Development based on world leadership **AsahiKASEI**

Expand businesses to serve global demand growth

Proactive expansion of global No. 1 & No. 2 businesses to serve global demand growth in emerging markets



Acrylonitrile (AN)

- Thailand – Plant start-up in 2011
- Korea – Capacity expansion scheduled in 2013 at Tong Suh Petrochemical
- Saudi Arabia – Joint venture to study AN project
→ Expansion focused on growing Asian market to gain No. 1 position in the global AN market

Production capacity

FY 2010: 750 thousand tons/year → FY 2015: 1.4 million tons/year

Market share in Asia: 25% in FY 2010 → 40% in FY 2015

Solution SBR (S-SBR)

- Plant start-up in Singapore (Phase I) in 2013
- Plant start-up in Singapore (Phase II) in 2015
→ Meeting rapidly increasing demand for fuel-efficient tires

Estimated share of capacity

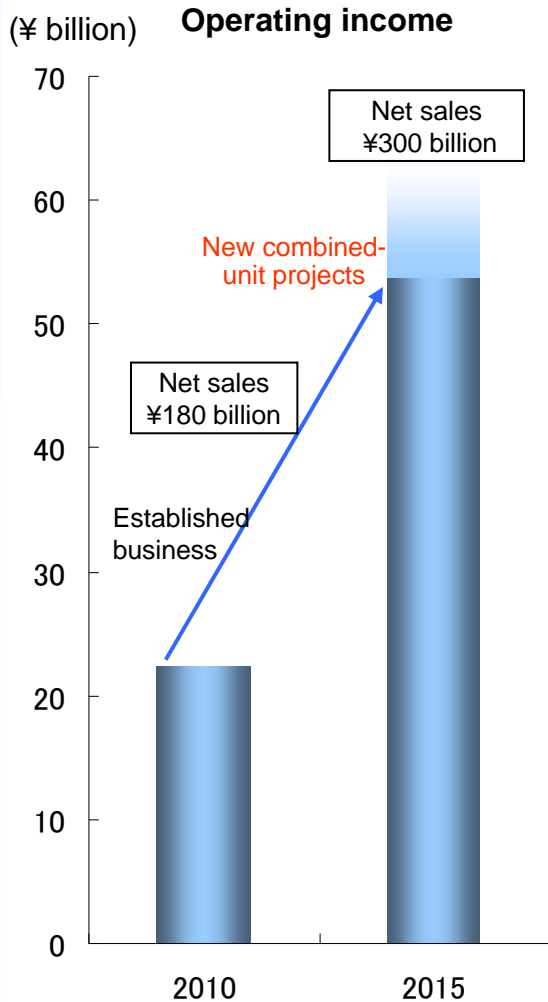
FY 2010: 18% → FY 2015: 26%

* Operating income of each business plus equity in earnings of AN affiliates.

Other world-leading businesses include Hipore™ Li-ion battery separator, LSIs, dry film photoresist, artificial kidneys, Planova™ virus removal filters, Roica™ elastic polyurethane filament, photomask pellicles, etc.

Expansion of environment/energy-related businesses

Pushing diverse technology to tackle environmental challenges



Hipore™ LIB separator

In addition to No. 1 position in LIBs for electronics, establishing firm lead in technology & market for automotive LIBs.

Sensors, power-saving LSIs

Expansion of application fields and geographic markets. Broad provision of new value with unique technology.

Currently:

Centered on consumer electronics

Centered on Japan

From now:

⇒ Greater focus on infrastructure, automotive

⇒ Accelerated globalization

Insulation materials

Contributing to energy-saving society with world-leading level insulation performance (wall, roof, and floor applications)

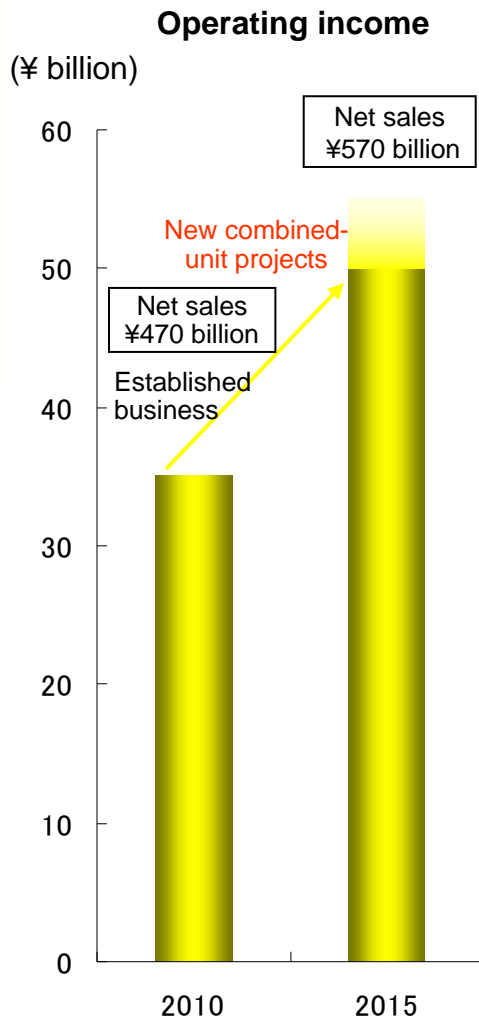
Water treatment/membrane business

Development of markets in China, etc.

Creation of new businesses through combined-unit projects

Expansion of residential living-related businesses

Providing comfortable living to more customers, more quickly



Houses, apartments

- Superior structural technology and lifestyle innovation to anticipate emerging needs in three-story and two-generation urban homes.
- Development of unique apartment buildings for the elderly, single women, pet owners, etc.
- Increased market share through marketing meticulously aligned with each area.

Real estate (condominium development, brokerage, subleasing)

- Maximum utilization of land value through consensus-building among diverse interested parties.

Remodeling

- Providing greater satisfaction to Hebel Haus™ owners through renovation aligned to lifestyle changes.

Fulfillment in living in a mature urban setting

Living environment for health and comfort

Interpersonal bonds

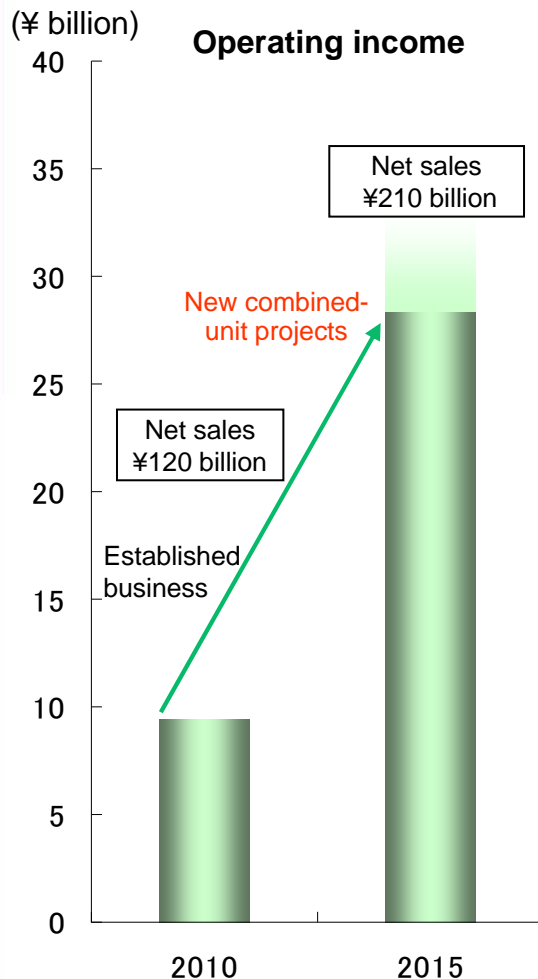
Energy and resource conservation

Maximum utilization of land value

Creation of new businesses through combined-unit projects

Expansion of health care-related businesses

Unique products & technologies for healthy & lively longevity



Pharmaceuticals

- Expansion of Recomedulin™, launch & expansion of Teribone™
- Reinforcing pipeline by in-licensing new drugs
- Strengthening clinical development capability in US
 - ⇒ Step 1: sales expanding to ¥100 billion scale
 - ⇒ Step 2: global reach with new drugs, emergence as a global specialty pharma player

Blood purification (hemodialysis, apheresis)

- Full coverage of Europe, North America, and emerging markets
- Enhanced cost competitiveness (overseas manufacturing alliances)
- Higher product performance (launch of innovative products)

Bioprocess-related business

- Lineup of distinctive membrane modules
- Expanded sales together with bioprocess equipment
 - ⇒ World-leading process equipment and media for biologics

Creation of new businesses through combined-unit projects

Creation of new value through “For Tomorrow” projects

In anticipation of emerging social needs, Asahi Kasei will offer distinctive solutions that make the most of its diversity in business and technology.

Group configuration for combined-unit projects

(i) Environment & Energy for Tomorrow

**Innovative materials,
devices, and systems for
generation, storage, and
consumption of energy**

Battery materials,
energy-saving devices

LICs,
Sensors

Harmony with the natural environment

(ii) Residential Living for Tomorrow

**Physical and emotional
health & comfort
Creation of social bonds
in urban areas**

Environmental
friendliness
Human interaction
Adjacency to
hospitals
Living support

Living in health and comfort

(iii) Health Care for Tomorrow

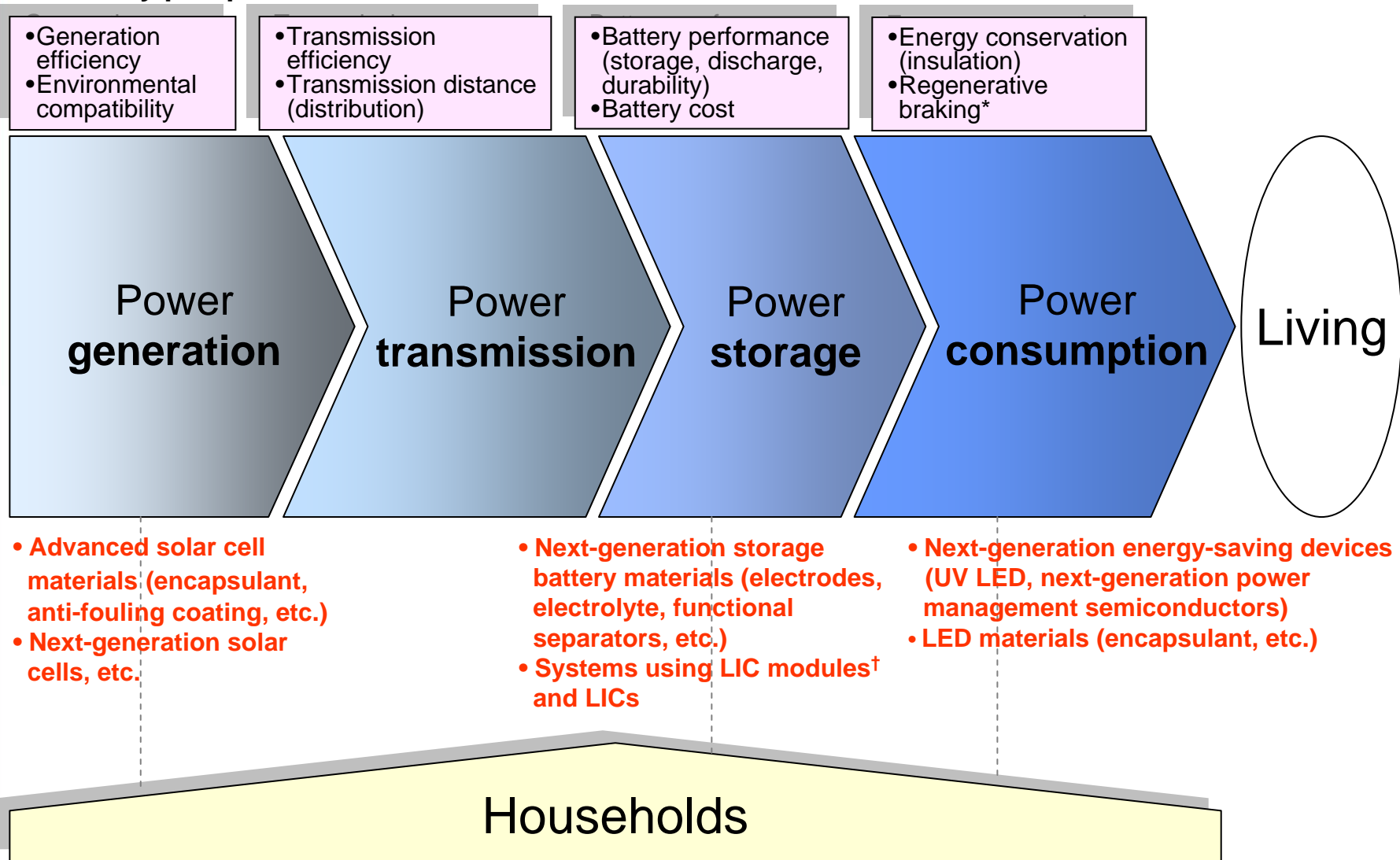
**Seamless advanced
medical treatment from
acute/emergency to
chronic level**

At-home
treatment
Medical IT

Emergency and
critical care
Cell culturing

(i) Environment & Energy for Tomorrow AsahiKASEI

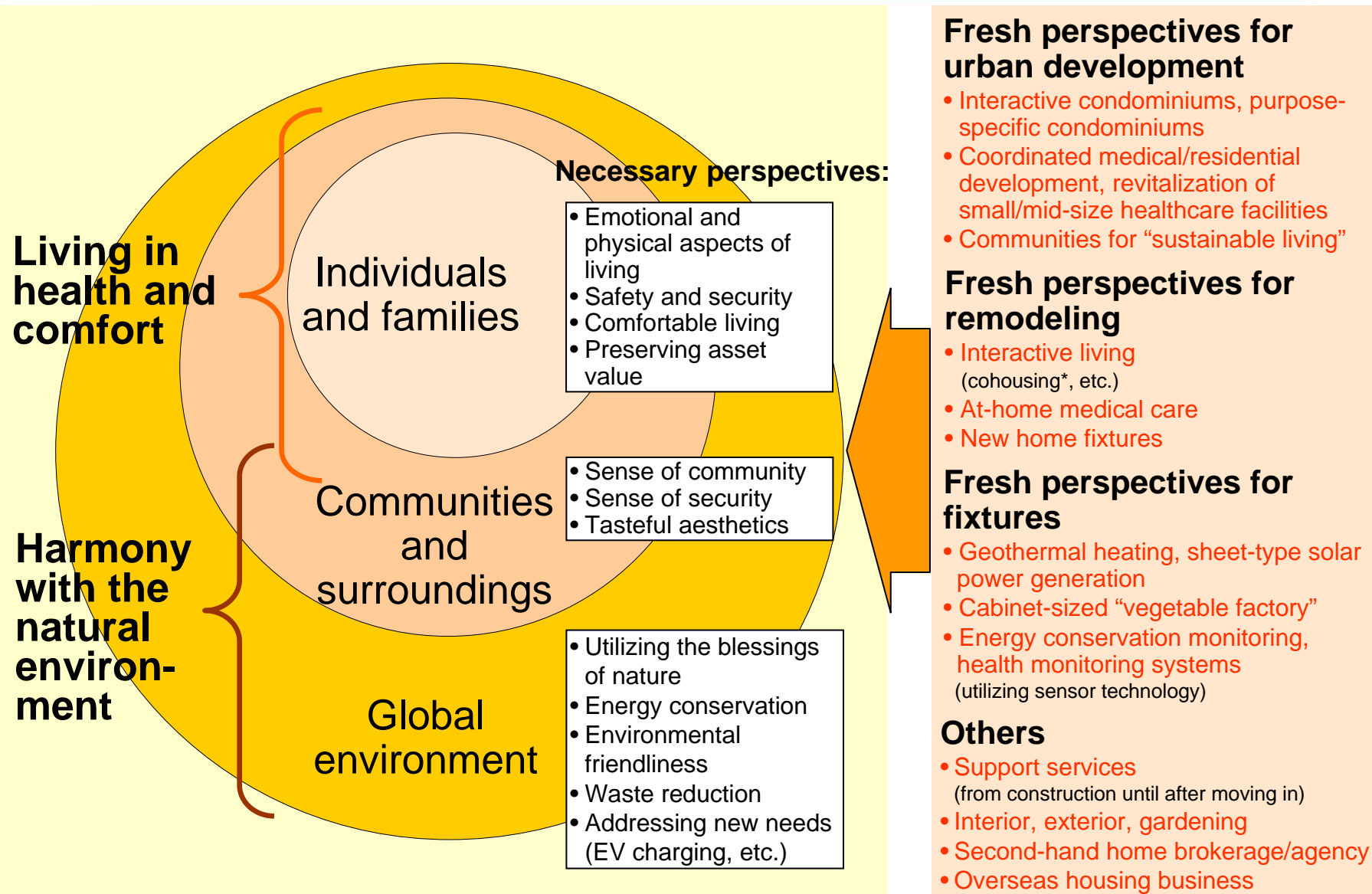
Necessary perspectives:



* Converting heat energy generated from braking into electrical energy, and storing it as power.

† Modules combining LICs and control circuits, for use in backup power supplies, electric vehicles (EVs), hybrid electric vehicles (HEVs), etc.

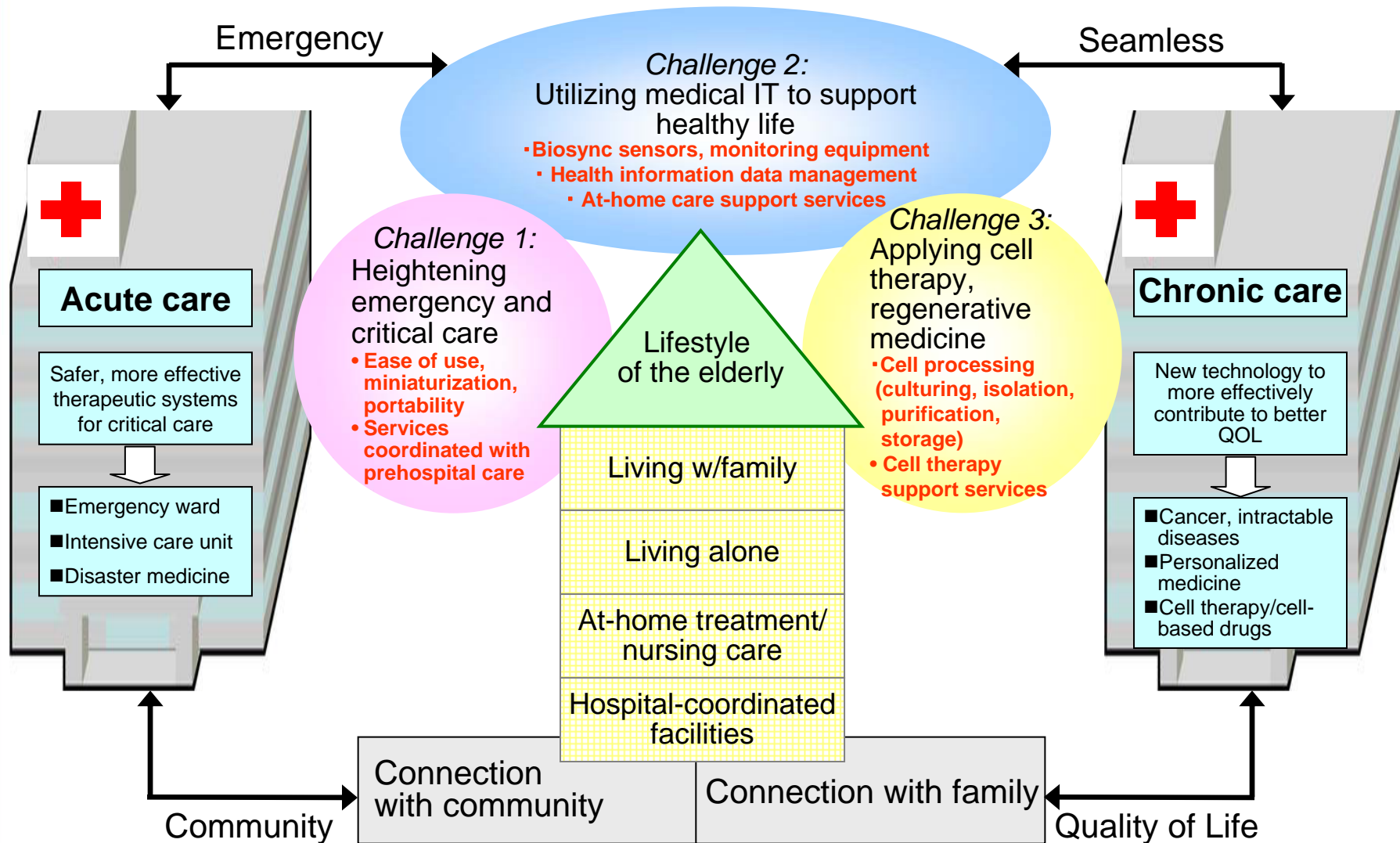
(ii) Residential Living for Tomorrow



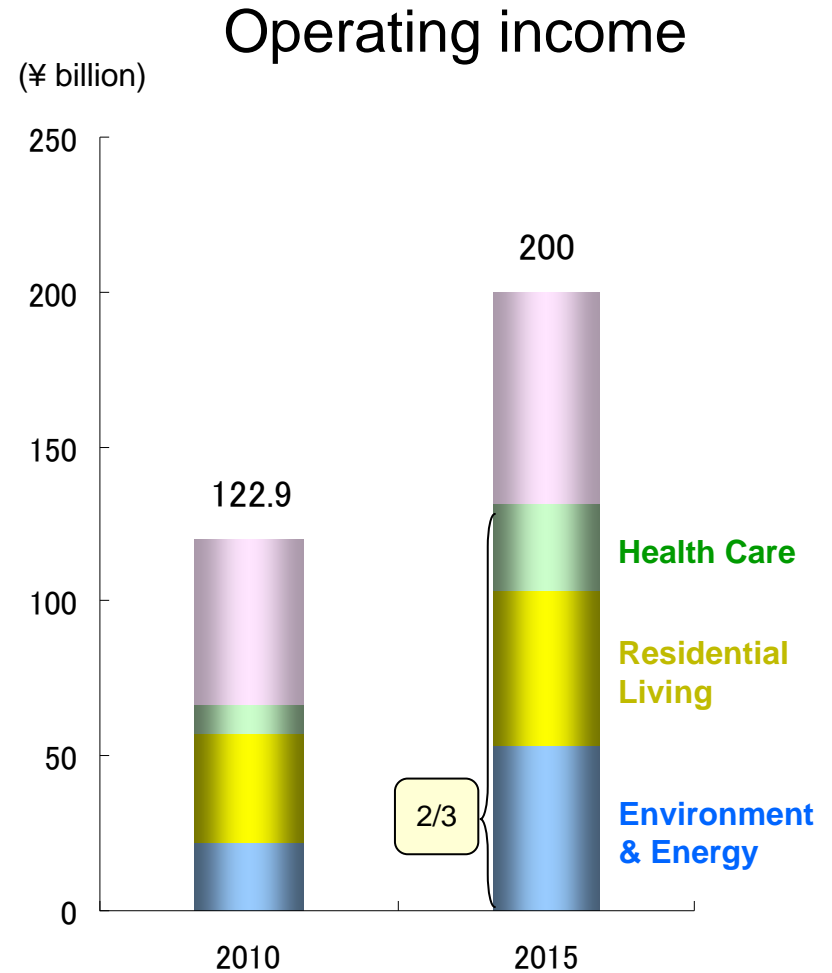
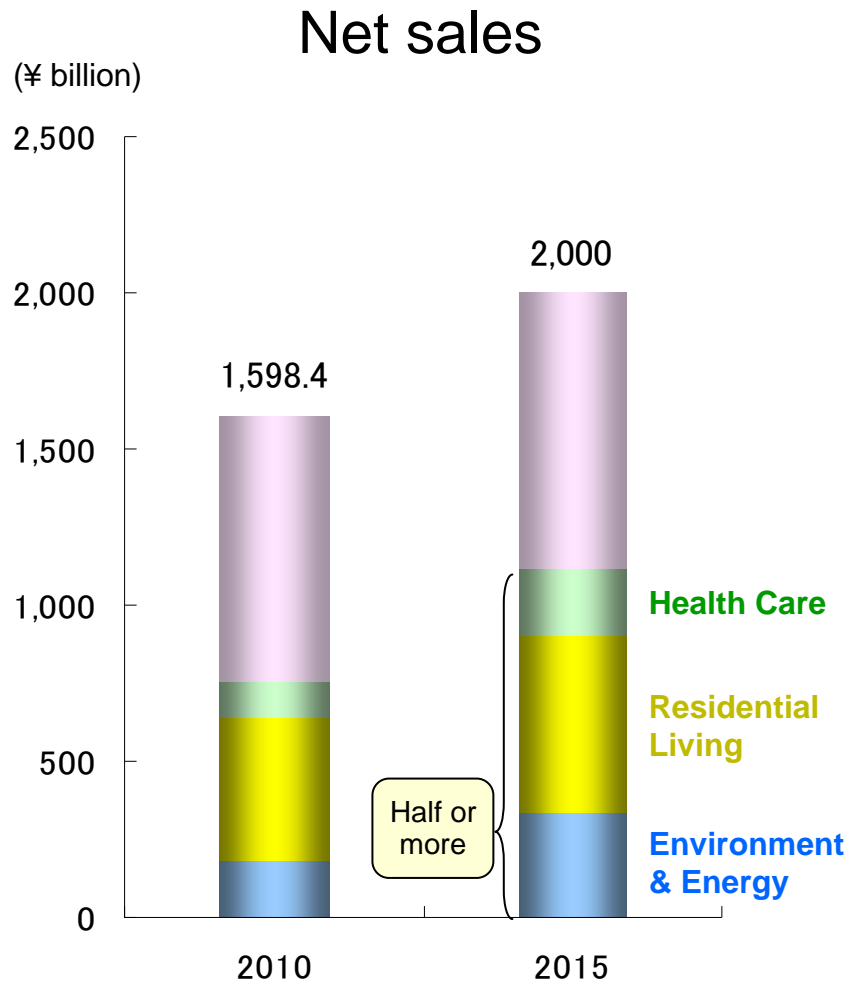
* A type of collaborative housing combining private living space with shared facilities.

(iii) Health Care for Tomorrow

Tackling three challenges for a healthy society of longevity



Reweighting the composition of businesses **AsahiKASEI**



Quantitative indexes to confirm the progress of our contribution

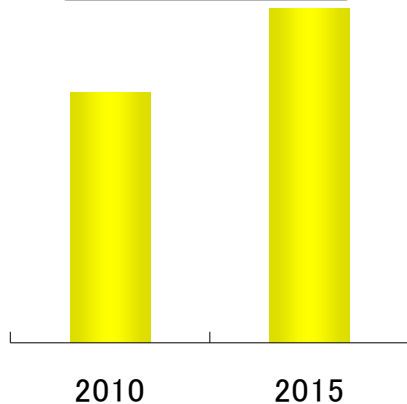
Quantitative indexes are used as a guide to confirm that the Asahi Kasei Group makes steady improvement in enabling *living in health and comfort* and *harmony with the natural environment*.

Living in health and comfort



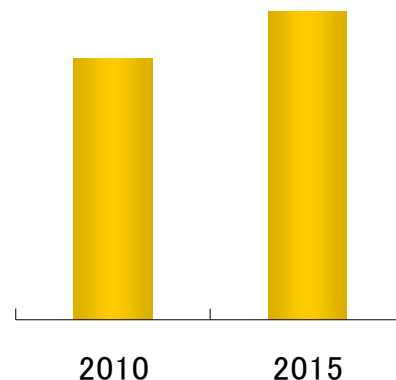
Number of patients benefiting from Asahi Kasei products

30% increase



Number of residents in Hebel Haus™

20% increase



Harmony with the natural environment



Example targets

Reduction of CO₂ emissions: 5% (FY 2020 vs. FY 2005)

Ratio of reduced CO₂ emissions based on LCA* vs. Asahi Kasei Group CO₂ emissions: Increase from current 3.2 to 8.0 in FY 2020

* Life cycle assessment of CO₂ emissions reduction enabled by Asahi Kasei Group products and technologies compared to the conventional products and technologies they replace.

By measuring improvements using quantitative indexes, the Asahi Kasei Group confirms progress to ensure that we are constantly

contributing to life and living for people around the world

in accordance with our Group Mission.

4. Reformation of corporate systems

Promotion of “one AK” management AsahiKASEI

Basic concepts

Previously (since Oct. 2003)

Autonomy of each core operating company

Objectives:

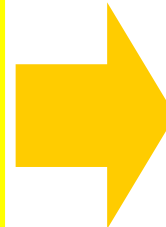
- Autonomy
- Optimization to match each industry
- Emphasis on cash flow management
- Accelerated transformation of business portfolio
- Speed

Results:

- Improved cash flow
- Speedy management
- Investment in growing fields

Room for improvement:

- Group strategy
- Longer-term emphasis
- Efficiency



For Tomorrow 2015

“one AK” management

Implementing dynamic strategy for growth by bringing together the power of the Asahi Kasei Group

- Expansion of world-leading businesses
- Creation of new value for society

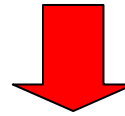
Significant change in economic climate
Increasingly intense competition
Emergence of global issues

Acceleration of business strategy

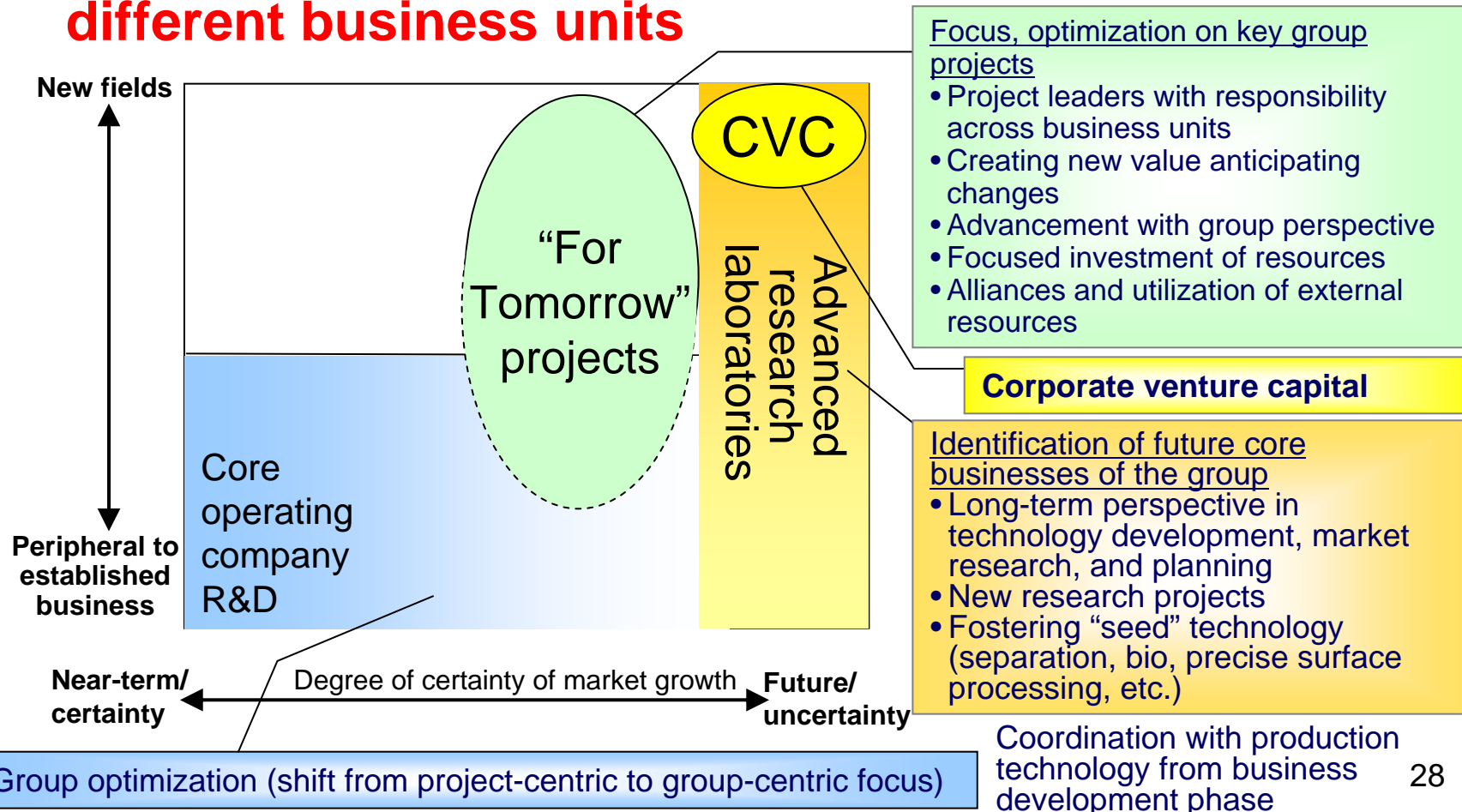


New business development strategy

Previous Core operating companies: Market-focused R&D related to each business
 Holding company: R&D other than the above



Configuration for key projects extending across different business units



5. Plans by business sector

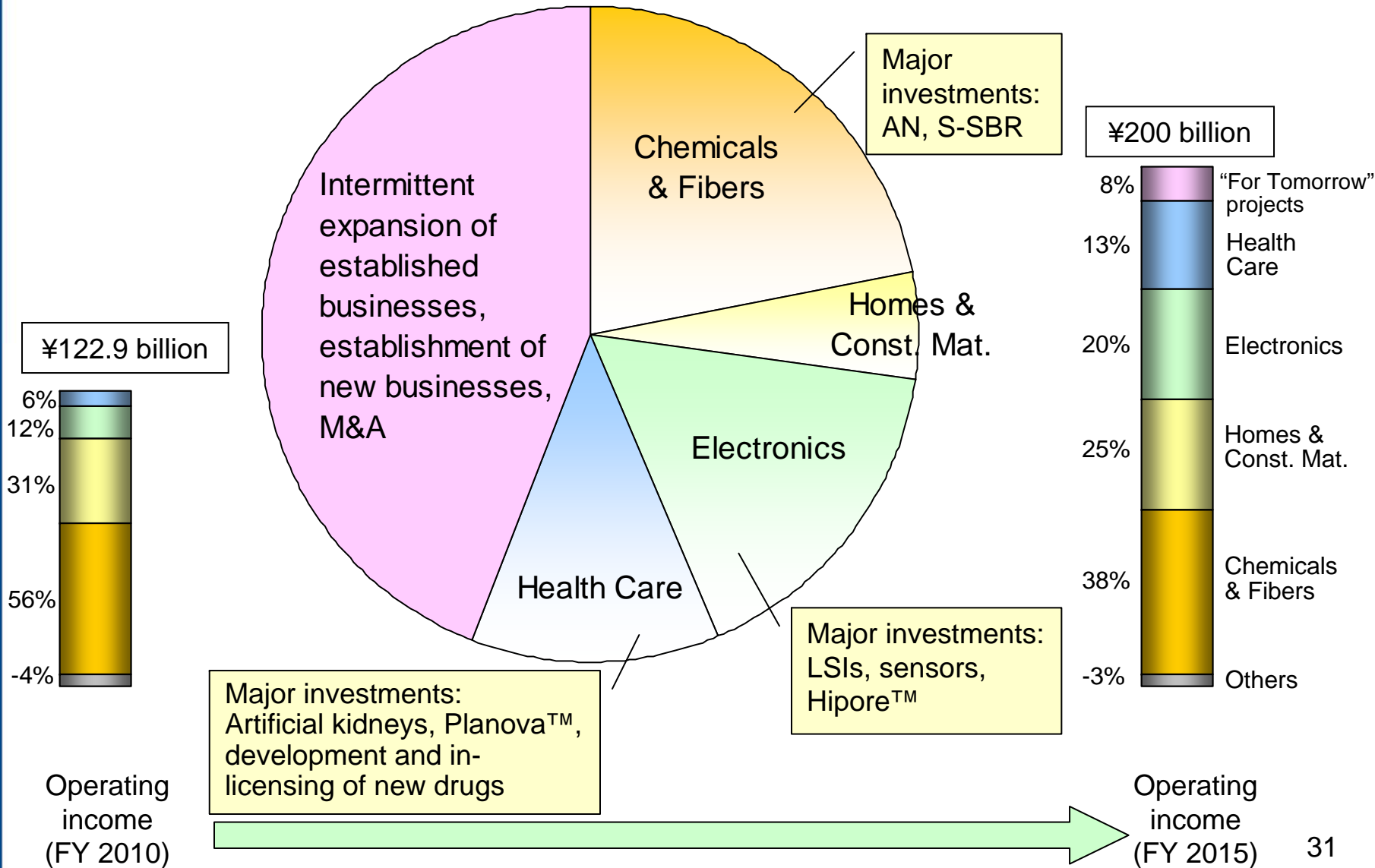
Performance plan by business sector

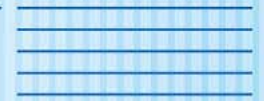
(¥ billion)

	Net sales				Operating income				Proportion of operating income	
	FY 2010	FY2011 forecast	FY 2015	vs. FY 2010	FY 2010	FY2011 forecast	FY 2015	vs. FY 2010	'10	'15
Chemicals & Fibers	851.0	913.0	880.0	+29.0	68.6	58.5	75.0	+6.4	56%	38%
Homes & Const. Mat.	456.6	499.0	570.0	+113.4	38.6	45.5	50.0	+11.4	31%	25%
Electronics	158.3	169.0	250.0	+91.7	14.3	15.5	40.0	+25.7	12%	20%
Health Care	116.4	124.0	180.0	+63.6	7.0	8.0	25.0	+18.0	6%	13%
Others	16.0	19.0	20.0	+4.0	(5.5)	(7.5)	(5.0)	+0.5	-4%	-3%
Subtotal	1,598.4	1,724.0	1,900.0	+301.6	122.9	120.0	185.0	+62.1		
"For Tomorrow" projects			100.0	+100.0			15.0	+15.0		8%
				(FY 2020) approx. 300				(FY 2020) approx. 50		
Total	1,598.4	1,724.0	2,000.0	+401.6	122.9	120.0	200.0	+77.1		

Long-term investment plan

Long-term investment of some ¥1 trillion over 5-year period





Creating for Tomorrow

The commitment of the Asahi Kasei Group:

To do all that we can in every era to help the people of the world make the most of life and attain fulfillment in living.

Since our founding, we have always been deeply committed to contributing to the development of society,

boldly anticipating the emergence of new needs.

This is what we mean by “Creating for Tomorrow.”

Reference

Chemicals & Fibers

Operating climate

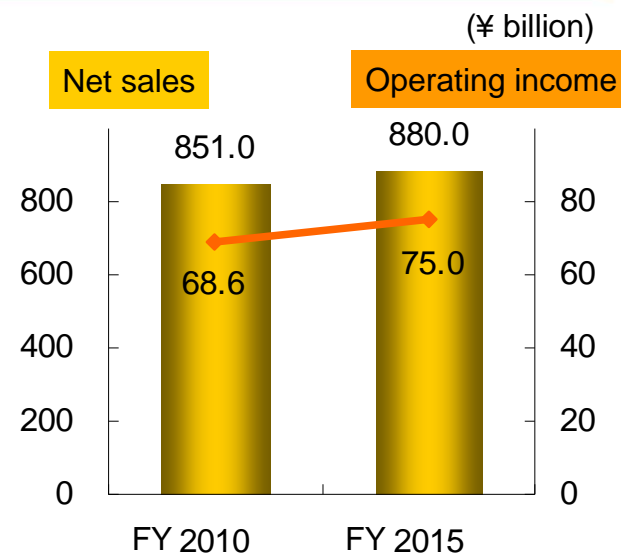
- Growth of emerging markets, particularly in Asia
- Increasingly intense competition with China, the Middle East, etc. (especially in commodity products)
- Global environmental challenges, such as resource limitations.

Basic strategy

- (1) Aiming for global No.1 position in globally competitive businesses (acrylonitrile and S-SBR)
- (2) Business expansion in growing emerging countries, particularly of Asia
- (3) Creation of new businesses and business fields as next strategic pillars

Specific strategies

- (1) • Acrylonitrile: Serving global demand growth with the construction of cost-competitive plants
→ Aiming for No.1 position in the world
 - S-SBR: Proactive capacity expansion, aiming for No. 1 position in Asia in the growing fuel-efficient tire market
- (2) • Performance polymers: Enhancing established position in target markets in Asia
 - Water treatment/membrane businesses: Further reinforcing membrane business, expanding operations in China
 - Duranate™ HDI-based polyisocyanate: Expanding operations, securing leading position in China
 - Bemberg™ regenerated cellulose: Advancing into new markets including emerging countries, accelerating business development
 - Roica™ elastic polyurethane: Developing differentiated, high-function yarns through polymer modification, expanding in Asia
 - Spunbond: Expanding Precise™ spunbond nonwovens and differentiated PP-spunbond in Asia
- (3) • Expansion in healthcare areas: Developing Ceolus™ microcrystalline cellulose in emerging markets, accelerating development of pharmaceutical intermediates
 - Creation of new businesses in optimum collaboration within the Asahi Kasei Group



Homes & Construction Materials

Operating climate

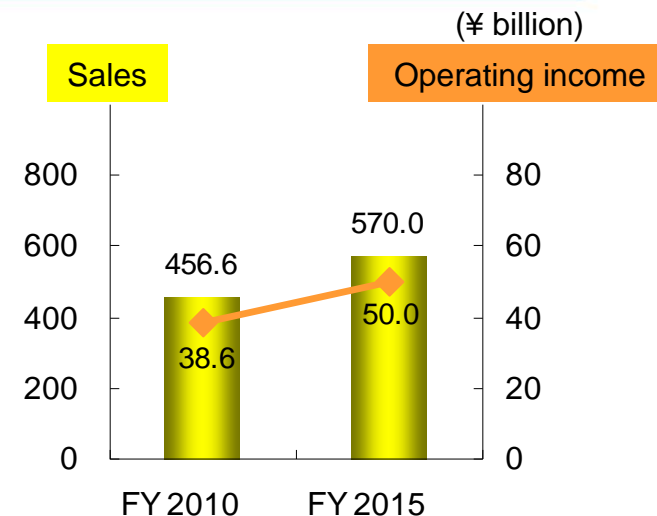
- Declining population, decreasing number of households and decreasing number of people per household, urban concentration
- Need for energy conservation, need for high-durability homes
- Market polarization: Young low-income customers focused on price – affluent older customers focused on customization to taste

Basic strategy

- Unit homes: Pursuing high quality at lower price, increasing market share
- Contributing to satisfaction in urban living
- Construction materials: Greater cost competitiveness, higher added-value

Specific strategies

- (1) Unit homes and multi-dwelling homes:
 - Provision of superior products and services
 - Increasing market share at each branch } Improving sales force, both individuals and in teams
- (2) Real estate operations:
 - Reinforcing condominium businesses based on obtaining accord in exchange of equivalent value
 - Maximizing utilization of land value through brokerage-related operations
- (3) Expansion of housing-related operations:
 - Expansion of remodeling and renovation work in addition to mainstay maintenance work
- (4) Autoclaved aerated concrete panels:
 - Reinforcing cost competitiveness, improving stable profitability
- (5) Neoma™ phenolic foam insulation panels:
 - Expansion with standardization of next-generation energy conservation performance



Electronics

Operating climate

- Increased market share from medium/long-term perspective (production of electronics centered on emerging countries)
- Expansion of energy-saving and battery-related products
- Dynamic market changes, alliances and collaboration with other companies

Basic strategy

Electronic devices:

- Well-balanced expansion in infrastructure, automotive, industrial-equipment, and mobile applications; providing new functions required in each application

Electronic materials:

- Shifting management resources to energy-related businesses

Specific strategies

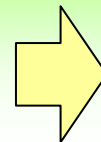
Electronic devices:

- Reinforcing local capability for design and development
- Reinforcing customer service in each market

Electronic materials:

Focused investment of resources on LIB separator

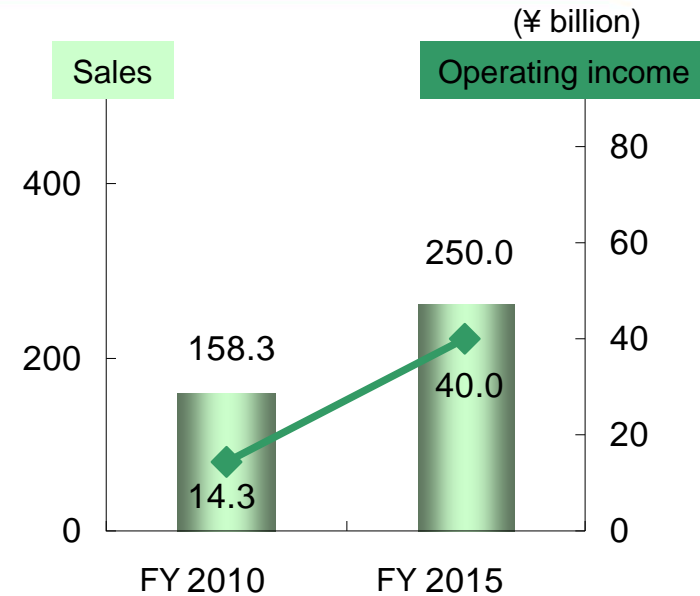
- Proactive expansion of production capacity in line with market growth
- Strengthening development of new types of membrane



- Market launch of new products, such as infrared sensors and next-generation LSIs for communication
- Improved earnings and expansion of power management semiconductors
- Strengthening development in Greater China



- Maintaining leading market position in mobile applications
- Developing automotive applications



1. Strategy by business sector

Health Care

AsahiKASEI

Operating climate

- Advanced countries: 70% of the world market, standing of Japanese market declining with aging population
- Emerging countries: Market growth with rising income, improving medical standards, and increasing population
- Curtailment of medical expenditure
- Unmet needs for new medicines and medical devices

Basic strategy

- Expanding sales and profit with new drugs: Recomedulin™ recombinant thrombomodulin for disseminated intravascular coagulation and Teribone™ teriparatide acetate for osteoporosis
- Global expansion of medical devices, including dissemination of therapeutic apheresis

Specific strategies

Recomedulin™

- Nationwide sale in 2011 ⇒ Expansion of facilities and hospital departments covered, expansion of indications
- Simultaneous advancement of overseas clinical development (entering Phase III)

Teribone™

- Approval and market launch in 2011 (planned)

Famvir™ antiviral

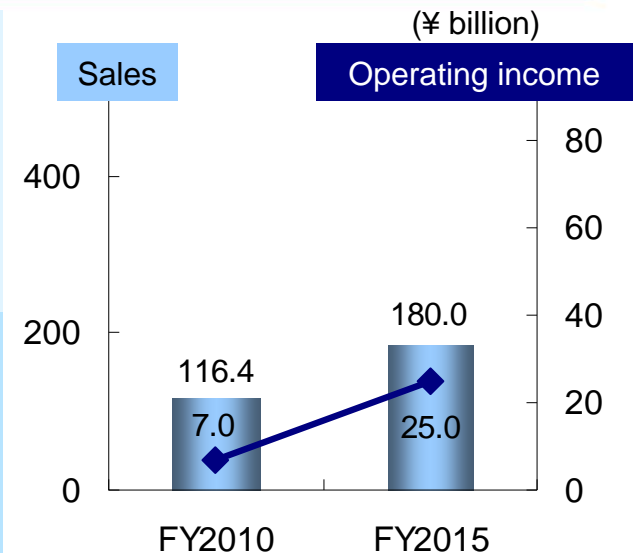
- Application for approval for herpes simplex in 2012 and approval in 2013 (planned)

Hemodialysis

- Capacity expansion (incl. alliances w/other companies), cost reduction ⇒ Expansion in emerging markets
- Provision of next-generation membranes, devices, and services for hemodialysis

Bioprocess

- Accelerated growth in Asia, expansion in plasma derivatives, technical service centers in Europe and US
- Development of next-generation virus removal membranes



Acrylonitrile

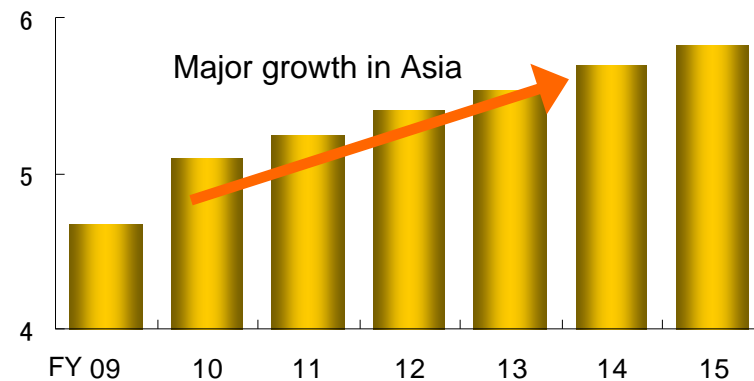
Basic strategy

Business expansion in growing Asian market as the No.1 supplier

	Current status	Future outlook
Technological strength	No.1 - World's highest production yield - Production process	Reinforcement of catalyst technology
Cost-competitiveness	Top level - Plant in Thailand, using low-cost propane as feedstock - Tong Suh in Korea (earnings from by-product)	<ul style="list-style-type: none"> Plant start-up in Thailand More plants in locations with superior cost-competitiveness
Supply capacity	No.1 in Asia Mostly in the Far East	<ul style="list-style-type: none"> Strengthened position in the Far East Supply expansion ASEAN, India, and the Middle East.
Customer service	No.1 in the Far East	

Global demand forecast (Asahi Kasei estimate)

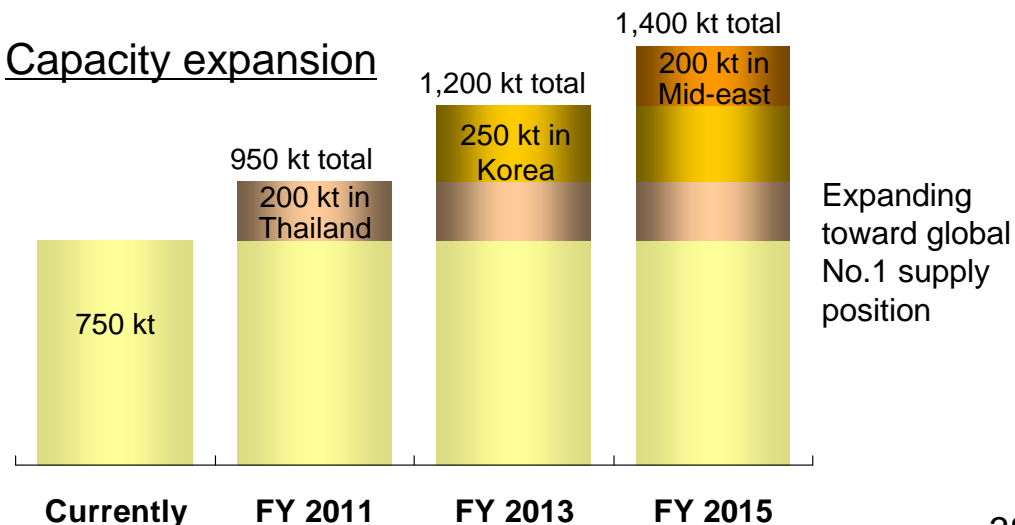
(million tons)



Annual growth rate 3%, mainly in ABS resins



Capacity expansion



Expanding toward global No.1 supply position

Market share in Asia 25%

40%

Solution-polymerized SBR (S-SBR)

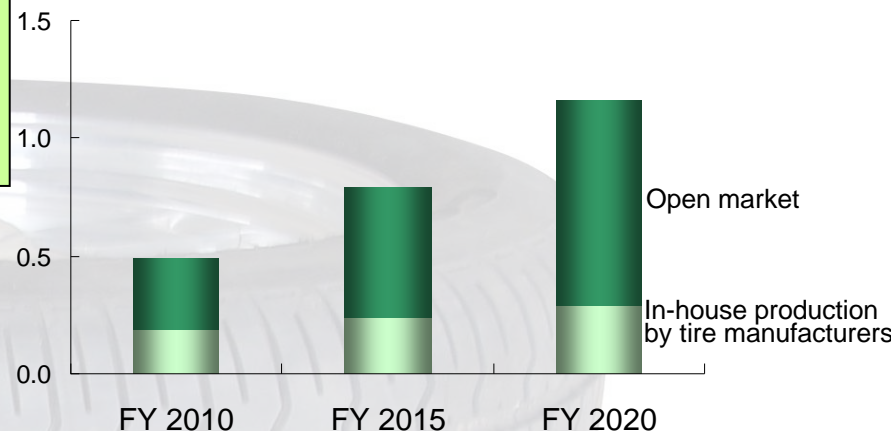
Basic strategy

- Proactive capacity expansion in rapidly growing Asian market for fuel-efficient tires
- Further improvement in fuel efficiency and grip performance

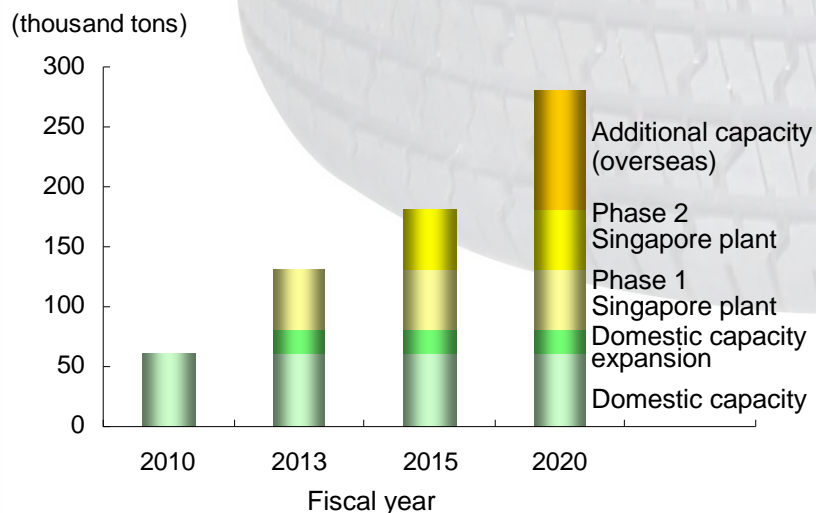
Features of our products

- ✓ High fuel efficiency without losing excellent grip performance and abrasion resistance
- ✓ Less fabrication cost for customers

Global demand forecast for S-SBR
(million tons) (Asahi Kasei estimate)



Production capacity of Asahi Kasei



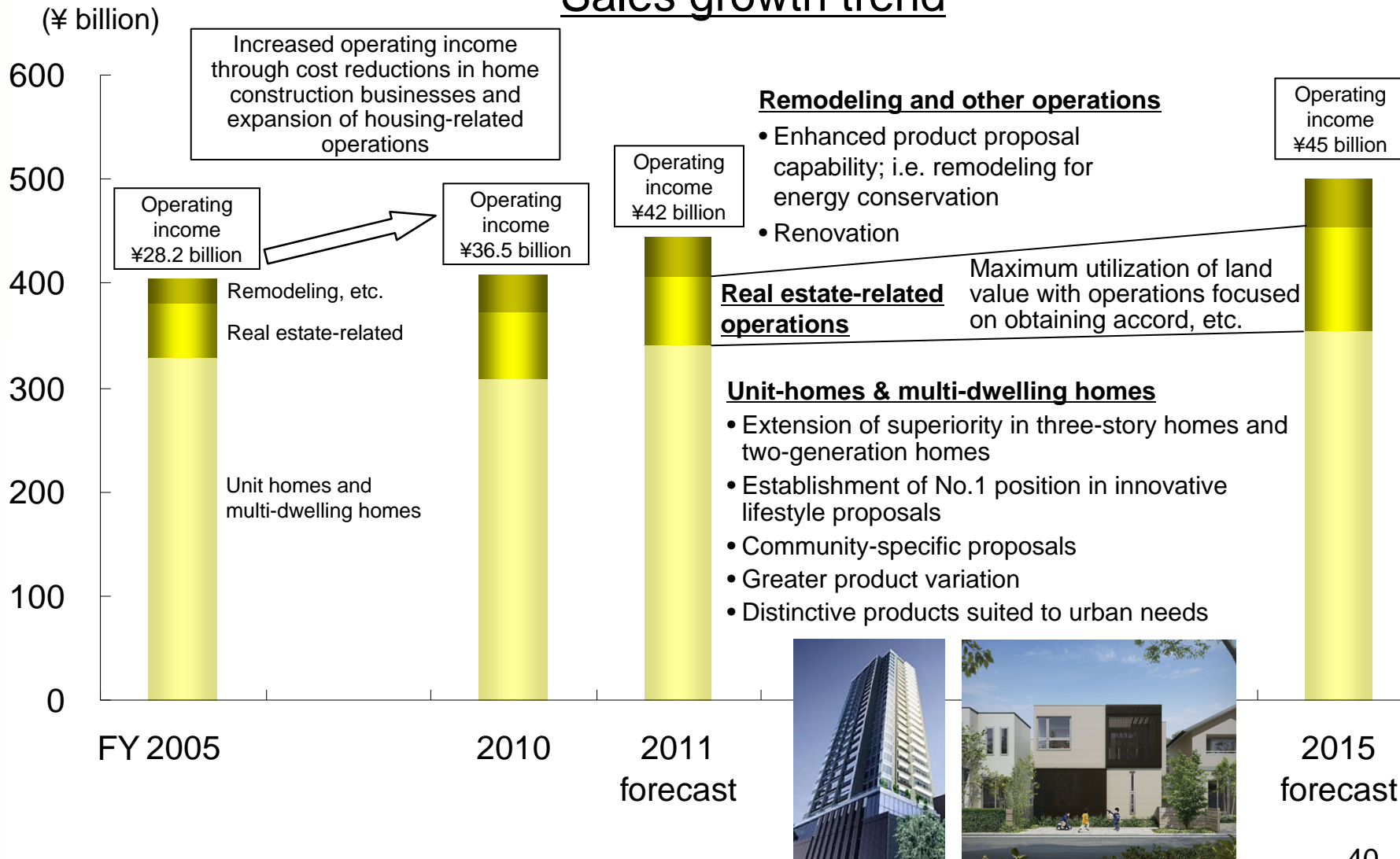
Background of demand increase

	Labeling requirement for performance	Legal minimum standard for performance
Europe	Since Nov. 2012 - Fuel efficiency, grip performance, noise	Since 2016/2017 (2 phases) - Fuel efficiency, grip performance, noise
Japan	Since 2010, voluntary standard in the tire industry - Fuel efficiency, grip performance	Not adopted
US	From 2011 (planned) - Fuel efficiency, grip performance, abrasion resistance	Not adopted

S-SBR for silica compound tires is the most optimal material to achieve high grip performance, high fuel efficiency, and high abrasion resistance.

Homes

Sales growth trend



2. Key business strategy

Hipore™ lithium-ion battery separator

AsahiKASEI

Basic strategy

- Proactive expansion in line with market growth
 - Maintaining market share of 50% or more in mobile applications
 - Full-fledged marketing in automotive applications, expanding sales with rapid demand growth
- Provision of membranes suited to various needs

Technological development

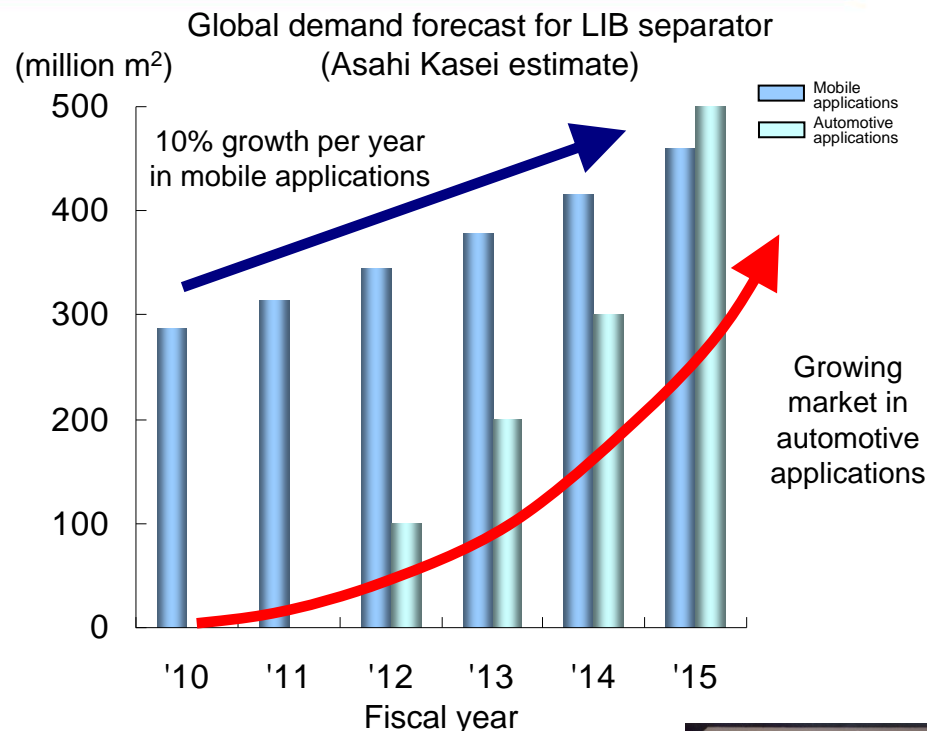
- Timely development of high-function membranes suited to customer needs
- Achieving lower cost through high productivity

Production

Hyuga: capacity expansion as high-volume production site
Moriyama: production of high-function membranes, mother plant for production technology innovation
Other: establishment of overseas production capability

Marketing

1. Mobile applications
 - Complete customization mainly for Japanese and Korean customers
 - Reinforcement of local sales functions
2. Automotive applications
 - Development of membranes suited to needs of automotive applications
 - Establishment of supply to major producers of LIBs for automotive applications



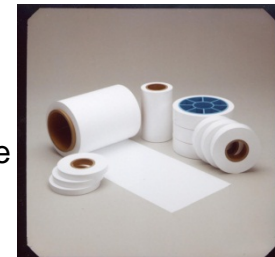
Market share in 2010

Mobile applications

Maintaining market lead with share of 50% or more

Automotive applications

Gaining top position in rapid-growing automotive applications, utilizing technical strength* and customer service capability established in mobile applications



* Phase separation, membrane forming, polymer composition, etc.

2. Key business strategy

Electronic devices

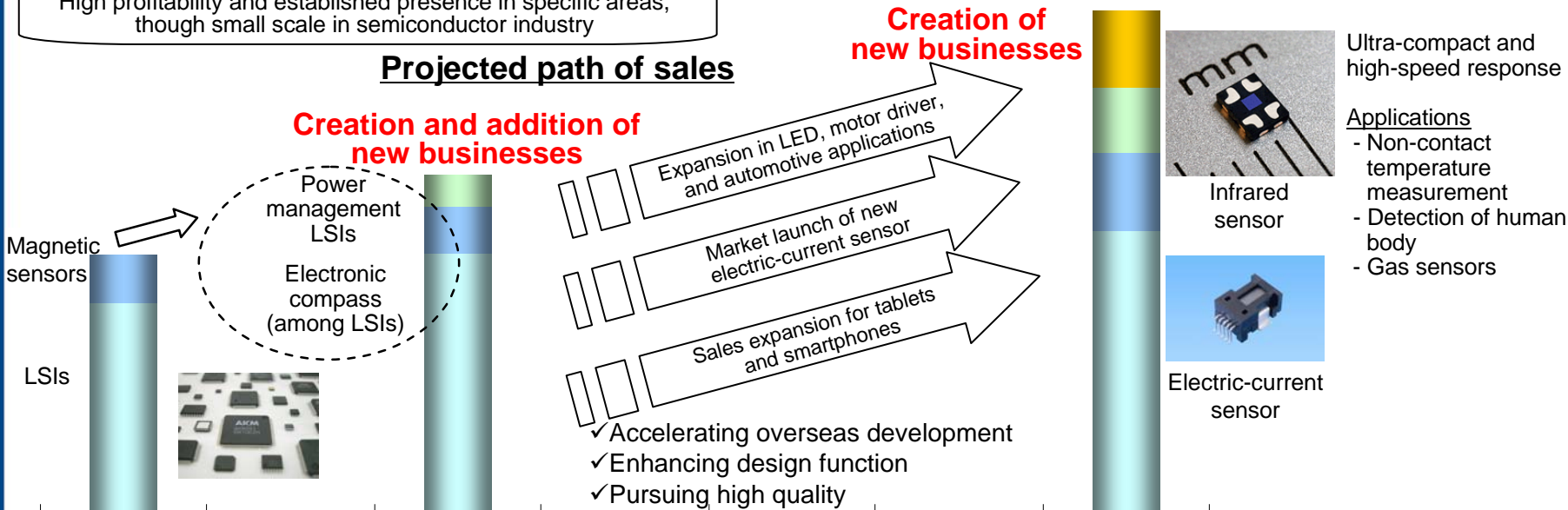
AsahiKASEI

Strengths of our LSI business	Weaknesses	Opportunities
<ul style="list-style-type: none"> Analog signal processing Strong record in magnetic sensors Compound semiconductor technology 	<ul style="list-style-type: none"> Mainly limited to mobile electronics Inadequate development of overseas business 	<p>Large undeveloped market</p>

Infrared sensors, LSIs for sensor control, LSIs for next-generation communication, etc.

High profitability and established presence in specific areas, though small scale in semiconductor industry

Projected path of sales

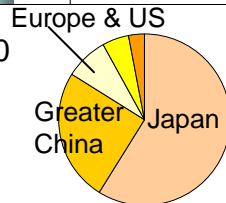


FY 2005

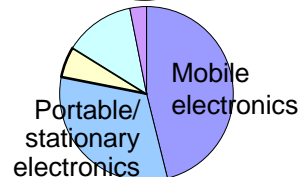
FY 2010

FY 2015

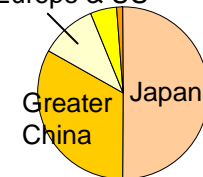
Geographic breakdown



Breakdown by application

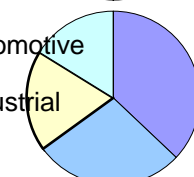


Europe & US



Automotive

Industrial



Pharmaceuticals



World's first recombinant thrombomodulin formulation

Used to treat disseminated intravascular coagulation (DIC) accompanying cancer, infection, etc.

Potential patients: over 70 thousand people in Japan

Osteoporosis drug for weekly administration to inhibit vertebral fracture with increased bone density (approval expected in 2011)

Potential patients: over 10 million people estimated to have osteoporosis in Japan, including those not receiving treatment

Sales of over ¥150 billion

2020

Global supply of new drugs

Sales of some ¥100 billion

2015

Recomodulin™
Approval/market launch in Europe, US, and Asia

Approval and market launch of pentosan for osteoarthritis, zoledronic acid for osteoporosis, and AK106 for rheumatoid arthritis

Famvir™: approval for herpes simplex

Teribone™: addition of new dosage form

Sales of ¥60 billion

2011

Teribone™
Approval/market launch in 2011 (planned)

Recomodulin™: expansion of indication

Recomodulin™ & AK106: development in Europe and US

Completion of all-case survey

Recomodulin™
Nationwide expansion in 2011

Flivas™ & *Recomodulin™*: reinforcement of sales infrastructure in China and Korea

FY 2011

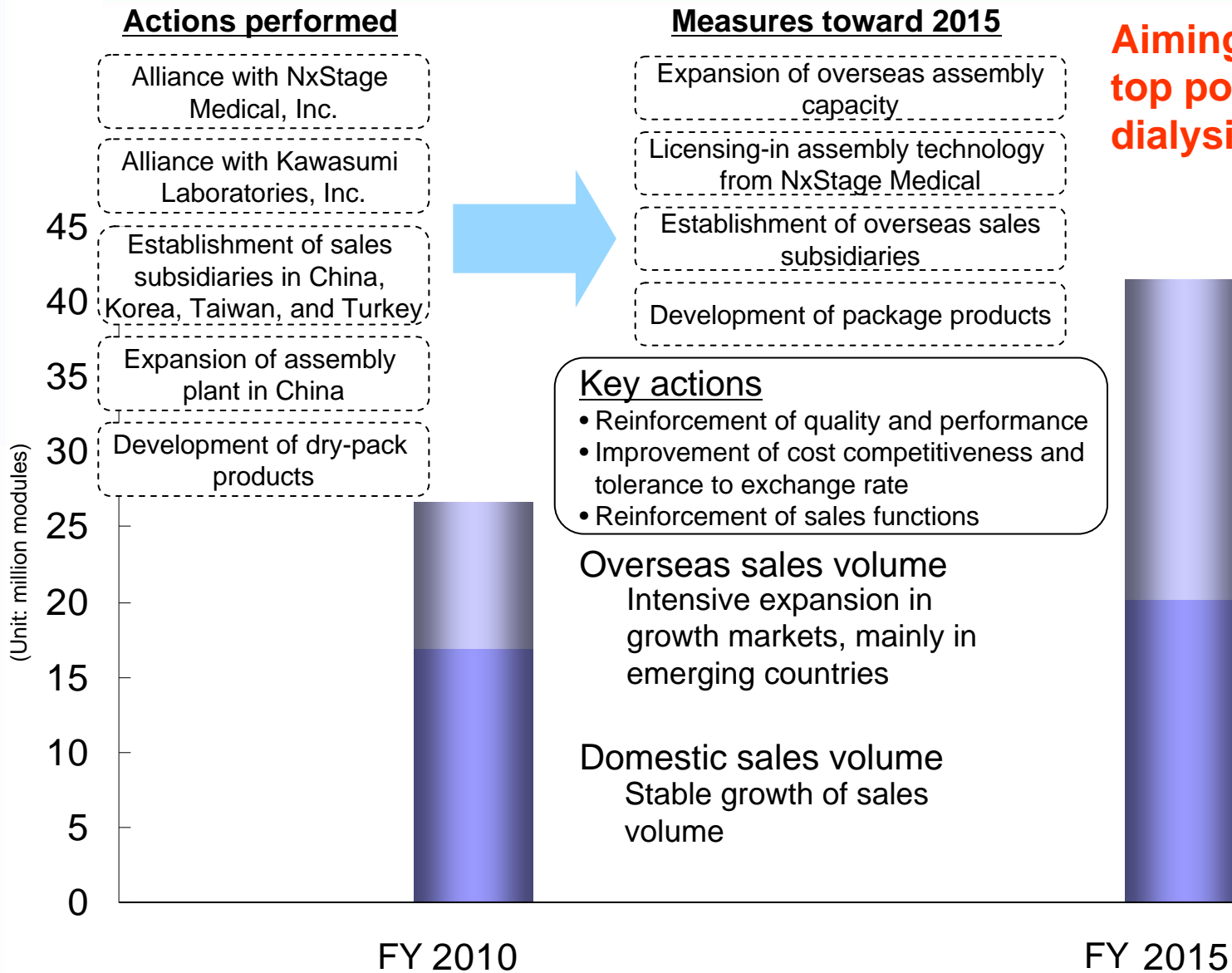
Over ¥30 billion in sales of 2 new drugs in FY 2015

2015

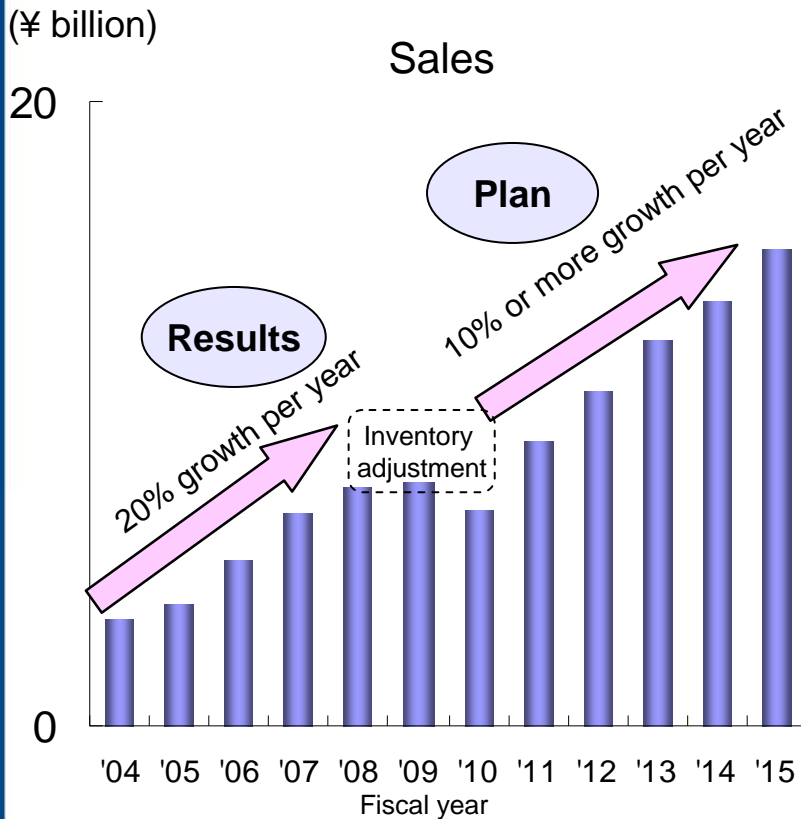
2020

Artificial kidneys

Aiming for global top position in dialysis systems



Planova™ virus removal filters



Market of biopharmaceuticals and plasma derivatives

- Growing by more than 10% per year over medium term
- Expanding global demand for bioprocess products in biopharmaceuticals and plasma derivative applications
- Tightening regulations for virus removal, proliferation of biosimilar products
- Growth in emerging markets (China, India, South America)

✓ Renewed growth from 2011 after completion of inventory adjustment; record-high monthly sales in April 2011 with adoption in process for drugs entering large-scale manufacture

✓ Reinforced development of Chinese and Asian markets in addition to main markets of Europe and US

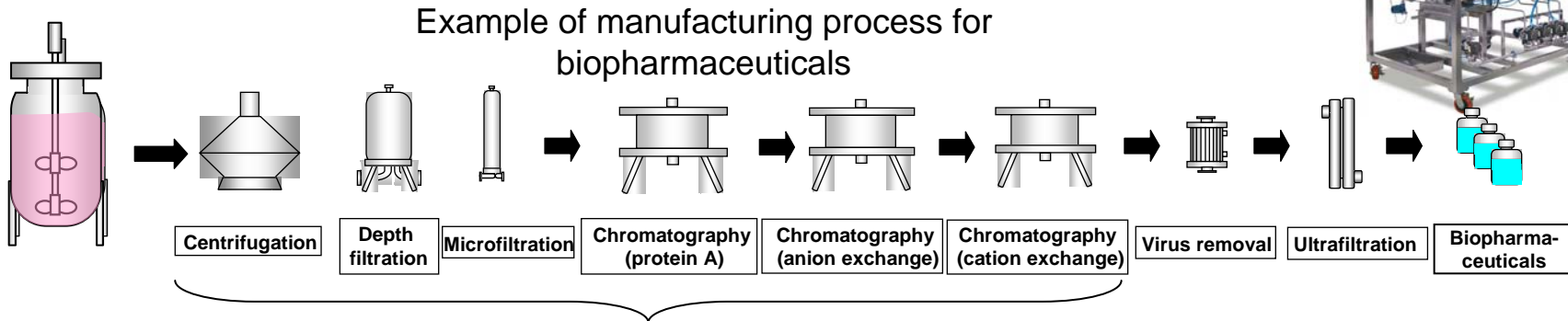
- China: expansion in plasma derivatives field
- Korea and India: expansion in biosimilars field



Newly launched BioEX

Bioprocess business & therapeutic apheresis business

1. Development of bio-process business



Provision of high-yield manufacturing process for biopharmaceuticals

- Full product line to meet various market needs
- Reinforcement of overseas technical service personnel
- Alliances and M&A

- Asahi Kasei Bioprocess, Inc. (US)
- Technical centers in US (Chicago) and Germany (Cologne)
- Membrane technology of Asahi Kasei Group
- Integration of outside resources by M&A

2. Expansion of therapeutic apheresis business

Some medical needs cannot be met with drugs

← Apheresis (“take away”) therapy

- ✓ Packaging
- ✓ Development of applications, dissemination of apheresis therapy
- ✓ Expansion in China and Europe

Metabolic waste removal

Example indications

Ascites

Virus removal

Hepatitis C

Leukocyte removal

Ulcerative colitis

Blood viscosity reduction

Arteriosclerosis