

**Toyota Boshoku Corporation** 

## **Financial Results**

of FY2012 ending March 31st 2012



- 1 Review of FY2012 and Earnings forecast for FY2013
- 2 2020 Vision and Mid-term Management Plan Until 2015
- 3 Efforts for a Successful Mid-term Management Plan Until 2015
- 4 Financial Summary





1 Review of FY2012 and Earnings Forecast for FY2013

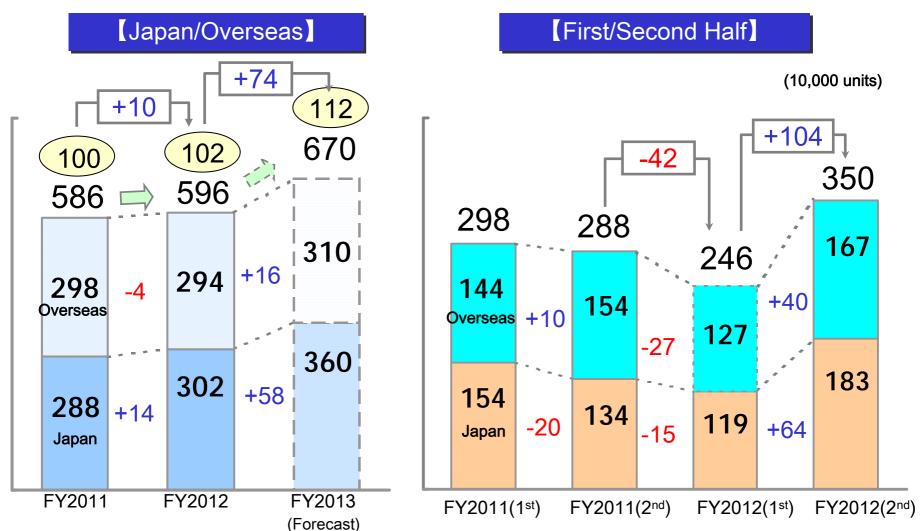
## 1 Review of FY2012 and Earnings Forecast for FY2013

- Financial Results and Earnings Forecast for FY2013
- 2) Disaster Response
- 3) TOPICS/Our Efforts in Europe

## 1) Financial Results and Earnings Forecast for FY2013

## (1) Consolidated seat production numbers

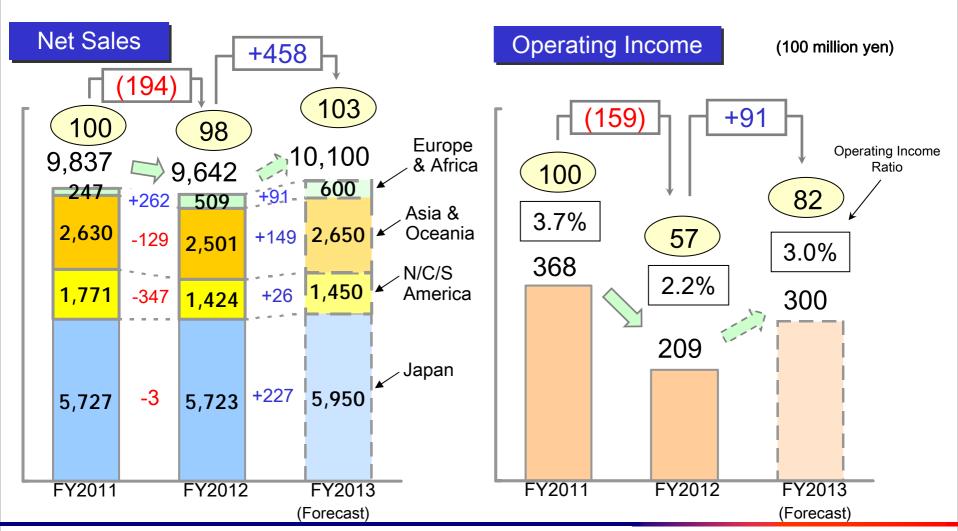
In the first half of FY2012, there was a significant reduction in production. Recovery in the second half allowed this to stabilize. Production is expected to continue to increase in Japan and Asia as we enter FY2013.



## 1) Financial Results and Earnings Forecast for FY2013

## (2) Consolidated profit and loss changes

Sales and profits decreased due to reduced production in the Americas and Asia in FY2012. Profits will not reach the level of FY2011, even if sales exceed 1 trillion yen in FY2013.



## 1) Financial Results and Earnings Forecast for FY2013

(3) Measures to enhance our profit structure

## Improving Profitability

Improving Marginal Profit

Integrated activities for each region and function

- Innovative initiatives to reduce by half (R-50 initiatives)
- · Solid cost management initiatives



By product

By model

Higher profits

**Reforming Fixed Costs** 

- Strategic allocation of resources for fixed costs
- Reduction of waste during regular business activities

## Core Business Earnings Structure Reform

#### **Core Business Entities**

- · N/C/S America Toyota Boshoku Indiana, etc
- Europe Boshoku Automotive Europe, etc
- Japan Toyota Boshoku Tohoku, etc



#### Plant Management

- · Yield loss reduction
- Quality loss reduction
- Fixed cost waste reduction

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## 1 Review of FY2012 and Earnings Forecast for FY2013

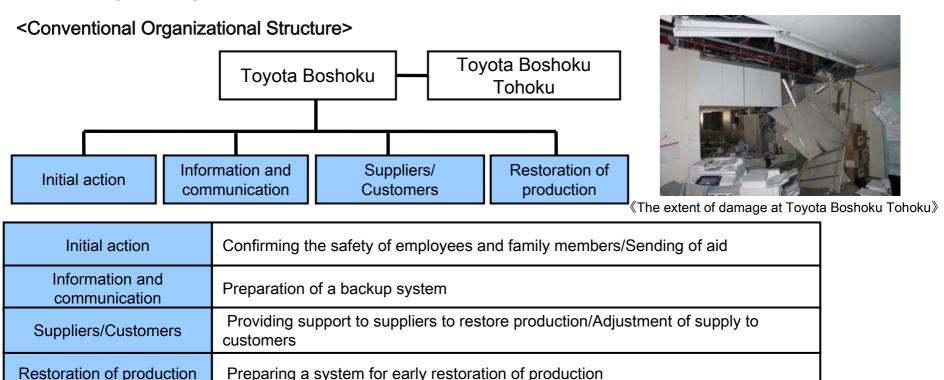
1) Financial Results and Earnings Forecast for FY2013

- 2) Disaster Response
- 3) TOPICS/Our Efforts in Europe

## (1) Strengthening efforts after the Great East Japan Earthquake

Set up an emergency headquarters on March 11th

⇒ Although there was some damage to parts of the building at Toyota Boshoku Tohoku, no major damage was observed.



Issues

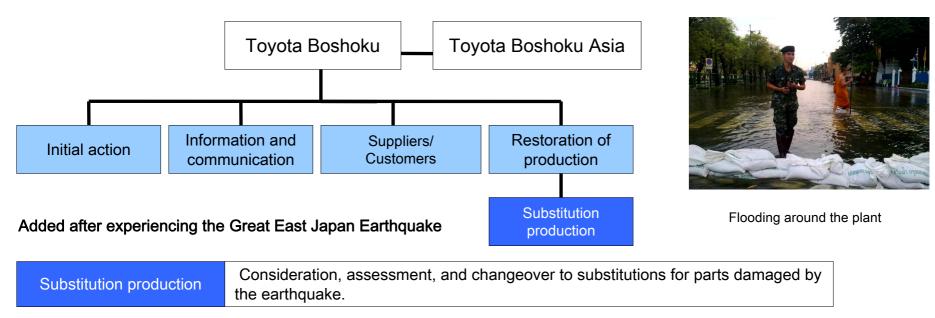
- It is difficult to promptly confirm the safety of employees and family members in an emergency.
- It is difficult to understand the entire supply chain. (Only up to secondary suppliers)

## (2) Strengthening efforts after the floods in Thailand

Set up a flood action group on October 11th

⇒ There was a fear that floods would affect parts of all six subsidiary companies. However, no damage was observed.

#### Organizational Structure



Issues • It is difficult to understand the entire supply chain.

## (3) Set-up of the large-scale disaster prevention committee

In addition to the traditional organizational structure, "Damage Estimation" has been added and the role of each W/G has been reviewed.

Large-scale disaster prevention committee

【Crisis Management Center】



(Power supply) Emergency power generator (1 unit)
(Equipment) Safety confirmation system
Satellite phones
Can even be used in an emergency situation

W/G Role (1) Damage Prediction of damage to each plant (Assuming action) estimation (2) Initial action Prompt confirmation of the safety of employees and family members (3) Information and Preparation of a backup system communication Preparation of a system for early restoration (4) Restoration of of production production (5) Suppliers/ Fully grasping the supply chain and Customers decentralization of supply risk for parts and materials (6) Changeover/ Generalization of parts and materials and

consideration of compatibility

Promoted as a global activity with cooperation between the regions

Assessment

## (4) Future challenges

## Summary

During the two disasters, Toyota Boshoku took measures in coordination with Toyota Boshoku Tohoku and Toyota Boshoku Asia

⇒ Ensured the safety of all employees
Avoided customers being affected by production losses

The set-up of the large-scale disaster prevention committee clarified the role of each W/G.

⇒Gained the ability to act quickly and appropriately during a disaster

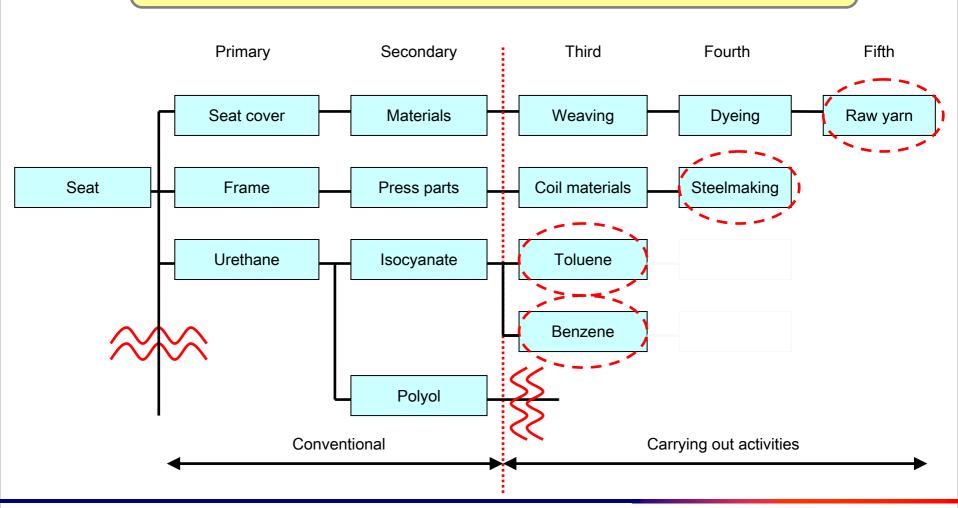
#### **Tasks**

- Grasping the entire supply chain
- · Global supplementary system prepared for parts and materials

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(5) Example activity: Understanding the entire supply chain

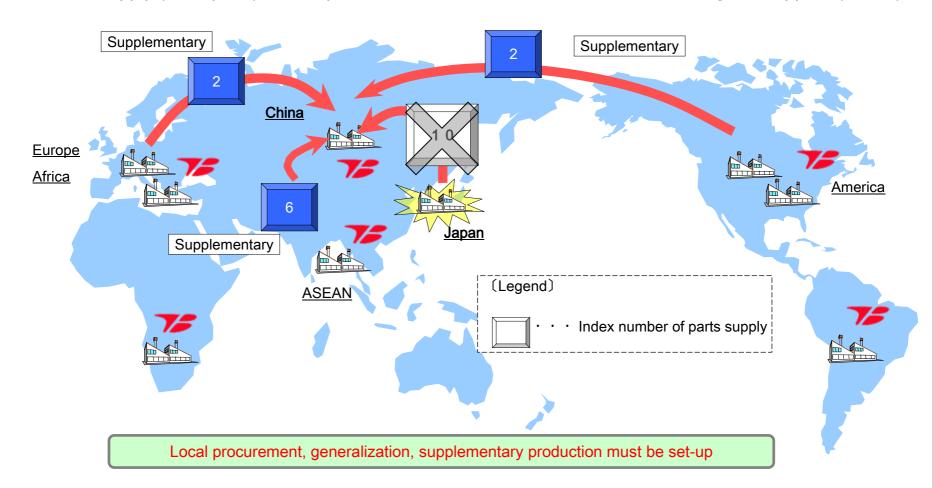
Working to understand everyone up to raw material manufacturers in order to enable quick response



## (6) Example activity: Developing a global supplementary system

Supplementary system when there is a stoppage of the parts supply from Japan to China

In case the supply (of 10 parts) from Japan to China is cut due to a disaster ⇒ Other regions support (2+2+6)

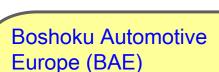


## 1 Review of FY2012 and Earnings Forecast for FY2013

- 1) Financial Results and Earnings Forecast for FY2013
- 2) Disaster Response
- 3) TOPICS/Our Efforts in Europe

## 3) TOPICS/Our Efforts in Europe

## (1) New bases and projects in Europe



Acquired interior business of an automotive parts manufacture in Europe

(Began operation in July 2011)

#### Toyota Boshoku Europe Munich Office

Redeployment for business operation toward European car manufacturers (New office began operation in July 2011)



#### TBAI Poland

Base for manufacturing seat frames (240,000 units/year) (Began production in July 2011)



#### Toyota Boshoku Somain

Base for manufacturing seats for TMMF Yaris (130,000 units/year) (Began production in July 2011)



#### Toyota Boshoku Milan Design Branch

The first design development base in Europe (Began operation in September 2011)

## 3) TOPICS/Our Efforts in Europe

## (2) Boshoku Automotive Europe (BAE) business overview

BAE has been established in Germany to increase business with automobile manufacturers in Europe.

Production of interior parts such as door trims and the headliners for:



**BMW** 



Daimler



Volkswagen

#### **Main Products**







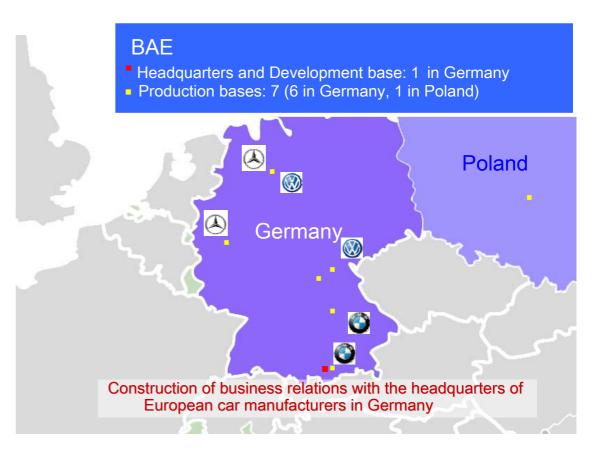
Headliner



Backboard



Console



## 1 Review of FY2012 and Earnings Forecast for FY2013

- 1) Financial Results and Earnings Forecast for FY2013
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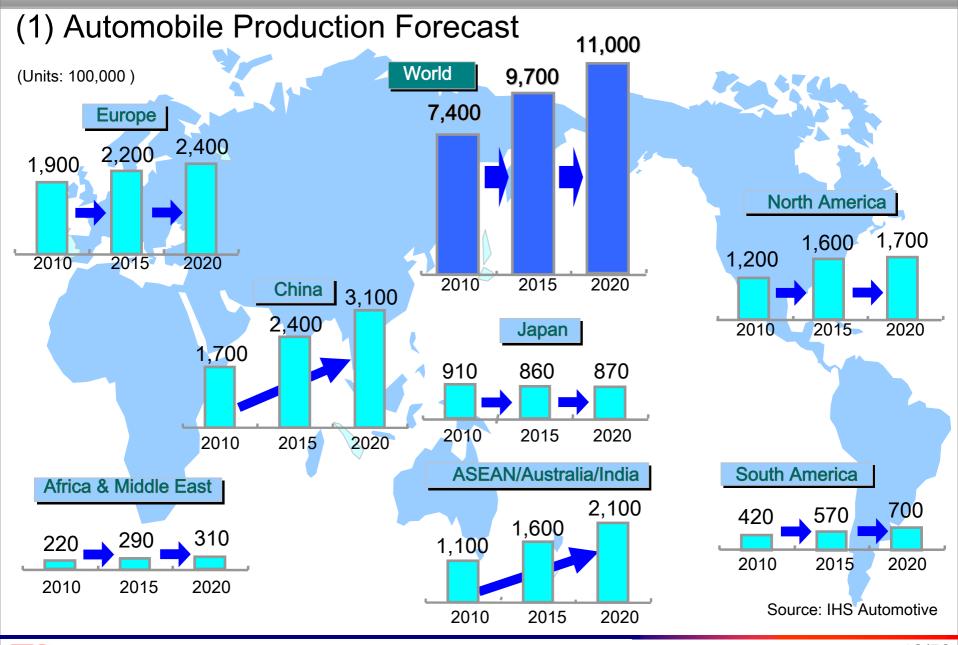


## 2 2020 Vision and Mid-term Management Plan Until 2015

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- 1) The background and relevance of our vision
- 2) 2020 Vision
- 3) Mid-term Management Plan Until 2015

## 1) The Background and Relevance of Our Vision



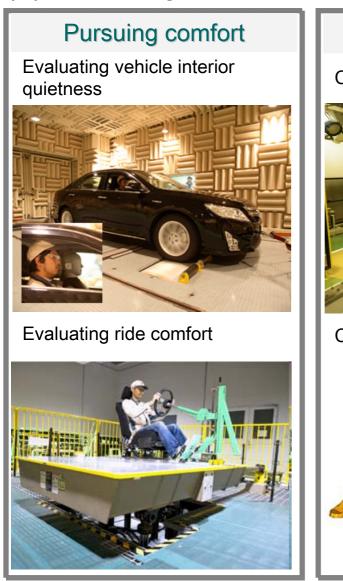
1) The Background and Relevance of Our Vision

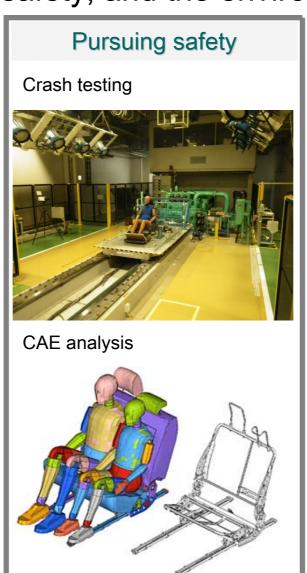
(2) Development and supply of products that suit different regions and customer needs



## 1) The Background and Relevance of Our Vision

## (3) Pursuing comfort, safety, and the environment







- 1) The Background and Relevance of Our Vision
- (4) The position of our Vision and Mid-term Management Plan



## 2 2020 Vision and Mid-term Management Plan Until 2015

1) The background and relevance of our vision

2) 2020 Vision

3) Mid-term Management Plan Until 2015

## 2) 2020 Vision

(1) The company we aim to become.

Looking into the future, we will create tomorrow's automobile interior space that will inspire our customers the world over.

Design your passion with TOYOTA BOSHOKU

FY2020: our company's aspirations.

#### Our place in business

(1) A company that persists in proposing excellent mobility for customers throughout the world.

### Our place in society

(2) A trusted company that grows together with all stakeholders.

- 2) 2020 Vision
- (2) FY2020: our place in business
  - (1) A company that persists in proposing excellent mobility for customers throughout the world.

- Readily provide products tailored to the various lifestyles of respective regions through innovative technologies that are unique to the Toyota Boshoku group and consistent in its manufacturing quality.
- Have an established presence in terms of unique value by creating innovative, next-generation products that exceed customers' expectations.
- Strive to provide customers with environmentally friendly and enriched lifestyles by boldly pursuing inroads into new businesses.

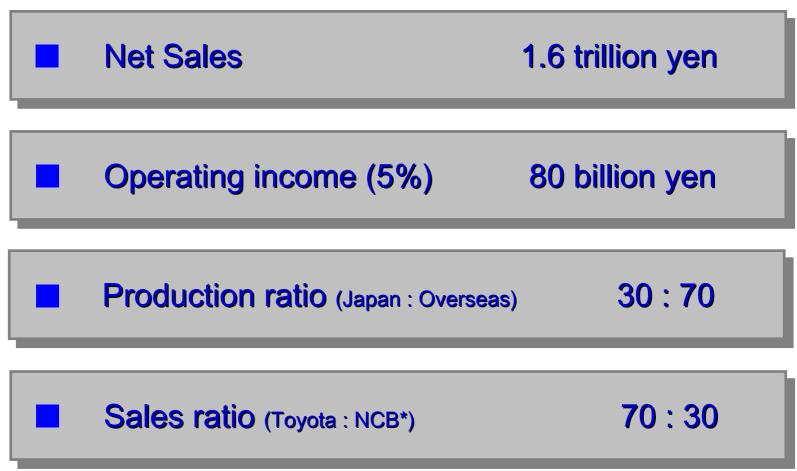
- 2) 2020 Vision
- (2) FY2020: our place in society

(2) A trusted company that grows together with all stakeholders.

- Resourceful and multi-talented human resources drawn by the appeal of the Toyota Boshoku group, with members working enthusiastically all regions, worldwide.
- Recognized as a company that is trusted and indispensable to society, customers, business partners and shareholders.
- Capable of carrying out unequalled monozukuri in every region of the world while carrying out kaizen continuously.

## 2) 2020 Vision

## (3) Management goals



<sup>\*</sup> New Customer Business

## 2 2020 Vision and Mid-term Management Plan Until 2015

- 1) The background and relevance of our vision
- 2) 2020 Vision
- 3) Mid-term Management Plan Until 2015

- 3) Mid-term Management Plan Until 2015
- (1) Key management items.

[1] Pursuit of leading-edge technologies toward creating new business.

- [2] Acceleration of global business expansion centered on emerging countries.
- [3] Expansion of our business with all car manufacturers through business reforms and organizational restructuring.
- [4] Thorough implementation of lean, highly efficient and high value-added business in Japan.

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## 3) Mid-term Management Plan Until 2015

(2) Management goals

Sales volume
 Operating income (5%)
 Production ratio (Japan : Overseas)
 40 : 60

Sales ratio (Toyota : NCB) 90 : 10



# 3 Efforts for a Successful Mid-term Management Plan Until 2015

## 3 Efforts for a Successful Mid-term Management Plan Until 2015

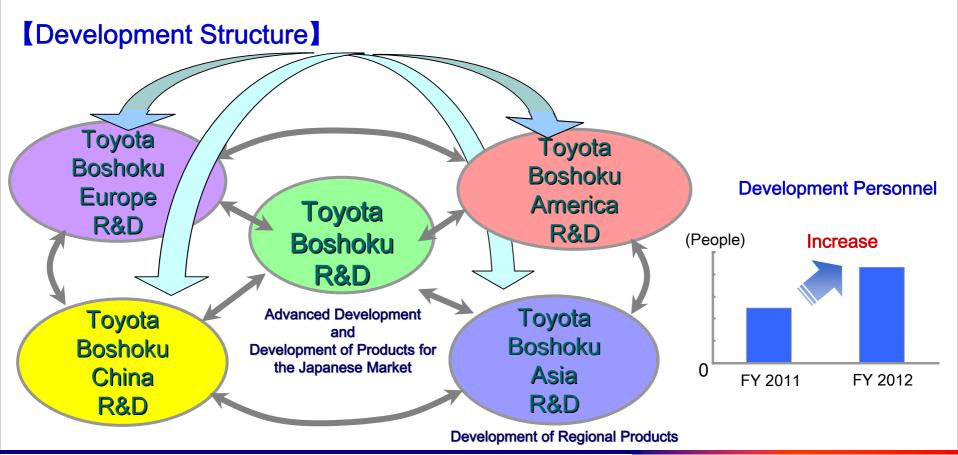
Key management items.

- 1) Pursuit of leading-edge technologies toward creating new business.
- 2) Acceleration of global business expansion centered on emerging countries.
- 3) Expansion of our business with all car manufacturers through business reforms and organizational restructuring.
- 4) Thorough implementation of lean, highly efficient and high value-added business in Japan.

1) Pursuit of leading-edge technologies toward creating new business.

## (1) Restructuring the development system

- [1] Product development is completed in the same region as our customer's development base.
- [2] Cutting-edge and advanced development is completed in Japan.
- [3] Construction of a system that allows sharing of information and support among local R&D bases.



1) Pursuit of leading-edge technologies toward creating new business.

## (2) The pursuit of leading-edge technologies

#### Strengthening of basic research

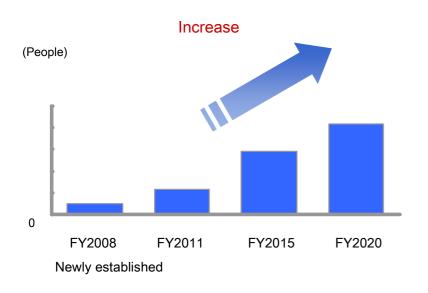
#### [1] Fields of research

Materials Science (High-strength polymers, Thermoelectric conversion, Creation of energy) Human science (Create inspiration, Evaluation of feelings)

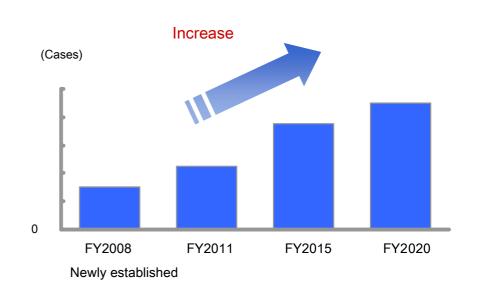


**Bio-science** (Biomass production, Useful microorganisms)

## [2] Researchers at our fundamental research laboratories



## [3] Joint research universities and external research institutions

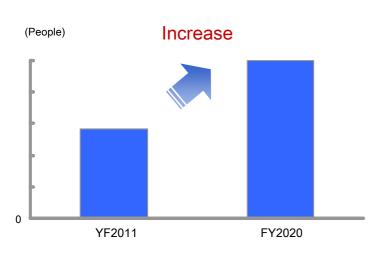


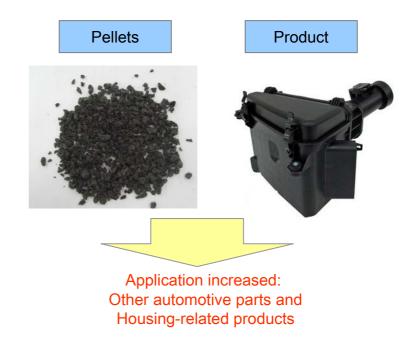
- 1) Pursuit of leading-edge technologies toward creating new business.
- (2) The pursuit of leading-edge technologies
- Advanced development
- [1] Main themes of advanced development
  - · Comfort
  - · Environment Plant-derived materials
  - · Safety

- Pleasurable driving
- Safety seat system, etc.

- Refinement of existing core technology
- [1] Most recent efforts
  - Kenaf injection technology
    - Development of injection molding materials
    - -> Use for engine-related parts

### [2] Advanced development personnel





- 1) Pursuit of leading-edge technologies toward creating new business.
- (3) Proposal and provision of attractive mobile spaces
  - Improved proposals for entire vehicle interiors

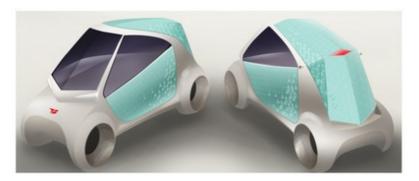
Establishment of Milan Design Branch, Italy

⇒Aiming for improved international competitiveness and design capabilities



First featured at the International Furniture Fair "Milan Salone" (April 2012)

#### Automobile interior space concept. "Wear Me"



Proposing the future of mobile spaces

# 3 Efforts for a Successful Mid-term Management Plan Until 2015

### Key management items.

- 1) Pursuit of leading-edge technologies toward creating new business.
- 2) Acceleration of global business expansion centered on emerging countries.
- 3) Expansion of our business with all car manufacturers through business reforms and organizational restructuring.
- 4) Thorough implementation of lean, highly efficient and high value-added business in Japan.

2) Acceleration of global business expansion centered on emerging countries.

### (1) Our strategy for emerging markets

Number of sales for the world's automotive manufacturers (Source: FOURIN, IHS)



### Response to emerging markets

	C/S America	Asia	Europe/Africa
Our company has a base	Mexico Argentina <u>Brazil</u> *	<u>China</u> * , India <u>Thailand</u> *, Vietnam Malaysia	<u>Turkey</u> * Russia
Not yet established	Venezuela Uruguay Paraguay	Pakistan Myanmar	North Africa Egypt Morocco and others

\* Recent advances/expansion into emerging markets

Indonesia

[1] Make the most of existing bases

[2] Pay attention to growing markets (Assess political climate, stability)

- 2) Acceleration of global business expansion centered on emerging countries.
- (2) Emerging market strategy and our efforts in Asia



- Providing a local development system
- · Business expansion through active investment and technological appeal

# 3 Efforts for a Successful Mid-term Management Plan Until 2015

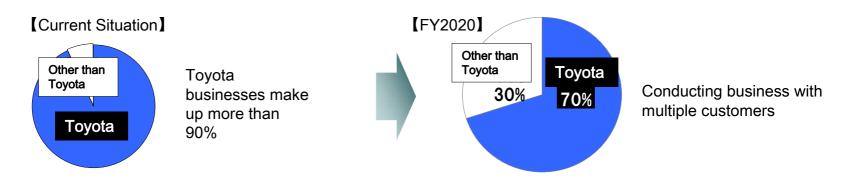
## Key management items.

- 1) Pursuit of leading-edge technologies toward creating new business.
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3) Expansion of our business with all car manufacturers through business reforms and organizational restructuring.

### (1) Efforts to expand our customer base

Toyota Boshoku sales composition is centered around Toyota businesses



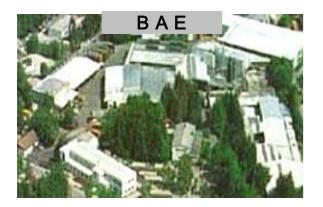
Increased sales from conducting business with multiple customers is necessary







- 3) Expansion of our business with all car manufacturers through business reforms and organizational restructuring.
- (2) Preparing systems that facilitate the acquisition of new customers
  - Improved customer relationships









Inquiries from new customers

### Europe

- Seats
- Door trims, etc.

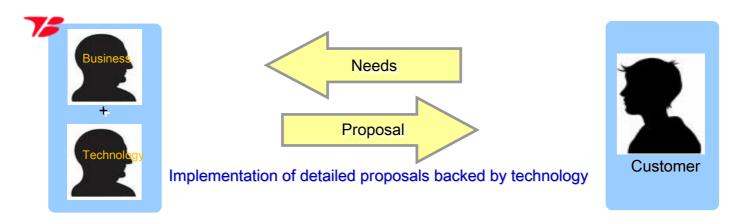
### China

- Seats
- Interior parts, etc.

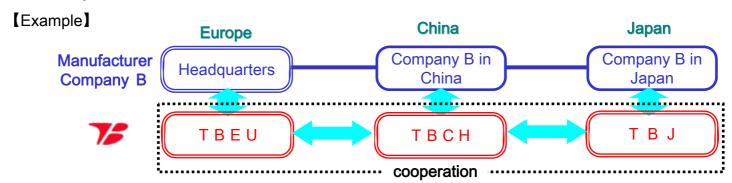
3) Expansion of our business with all car manufacturers through business reforms and organizational restructuring.

### (3) Improved efforts

[1]Our approach that links technology and business



### [2]Global cooperation



Through the cooperation of each base, a relationship of trust can be built with the customer

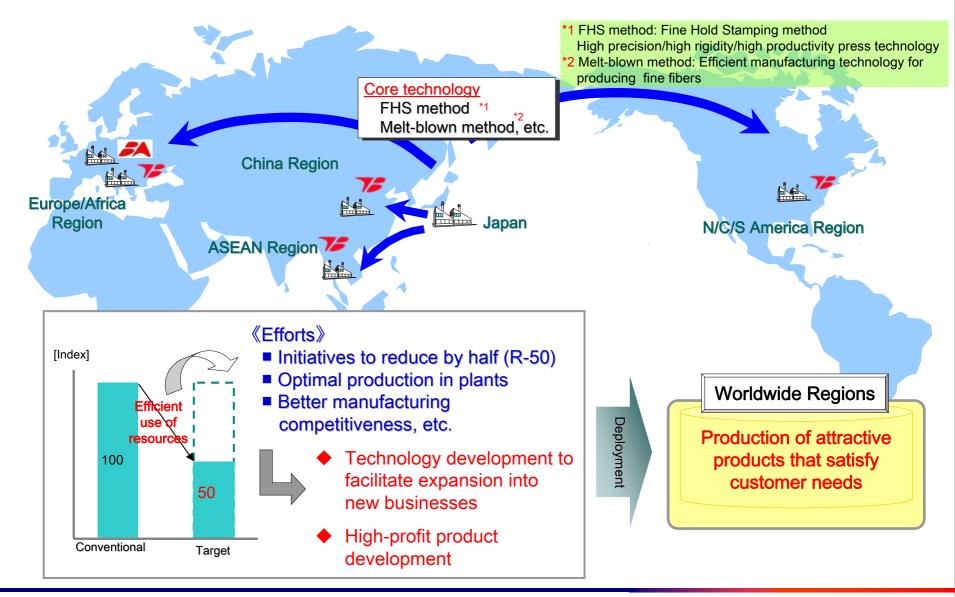
Aiming to be a world -leading supplier of interior systems and filter manufacturer

# 3 Efforts for a Successful Mid-term Management Plan Until 2015

### Key management items.

- 1) Pursuit of leading-edge technologies toward creating new business.
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- 4) Thorough implementation of lean, highly efficient and high value-added business in Japan.

- 4) Thorough implementation of lean, highly efficient and high value-added business in Japan.
- (1) Development of manufacturing technology and global business

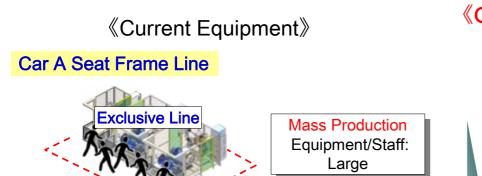


- 4) Thorough implementation of lean, highly efficient and high value-added business in Japan.
- (2) Efforts to strengthen our manufacturing base

Streamlined & Highly efficient

[1]Reduction by half "R-50"

Manufacturing Reformation





Low-volume Production
Equipment:

Respectively necessary

Equipment: Low Operation 《Global Generic Purpose Welding Equipment》

Car A/Car B Mixed Assembly Line



Sharing generic equipment

Specialized jigs only for Production

Creating production lines that allow the halving of investments and production preparation costs, and can flexibly handle production ratio variation

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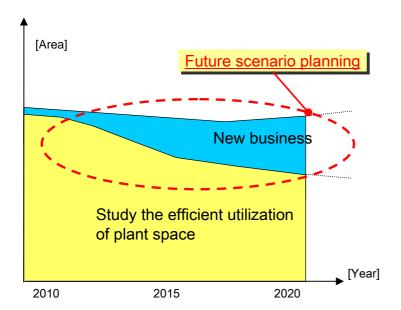
- 4) Thorough implementation of lean, highly efficient and high value-added business in Japan.
- (2) Efforts to strengthen our manufacturing base [2]Optimal plant production

Streamlined & Highly efficient

Creating optimal production scenarios in response to environmental changes

(Until September 2012)

- ◆ Relocation of plant resources⇒Applied to new businesses
- New products/method development⇒Business expansion through mass-production



### Example plant reorganization:

Opening of the Technical Skills Training Center

⇒ Improvement of manufacturing, including maintenance capabilities



**Technical Skills Training Center** 



Maintenance training

4) Thorough implementation of lean, highly efficient and high value-added business in Japan.

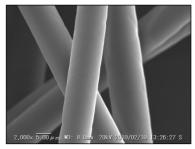
## (2) Efforts to strengthen our manufacturing base

[3]Improved manufacturing competitiveness

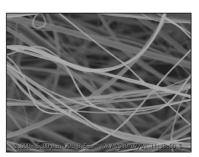
Highly efficient & High value added

### Melt-blown method

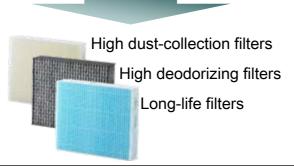
### Spinning technology: Production of ultra-fine fibers



Conventional product



Developed product



### **Equipment: Compact and reduced cost**



Technical development to increase compactness

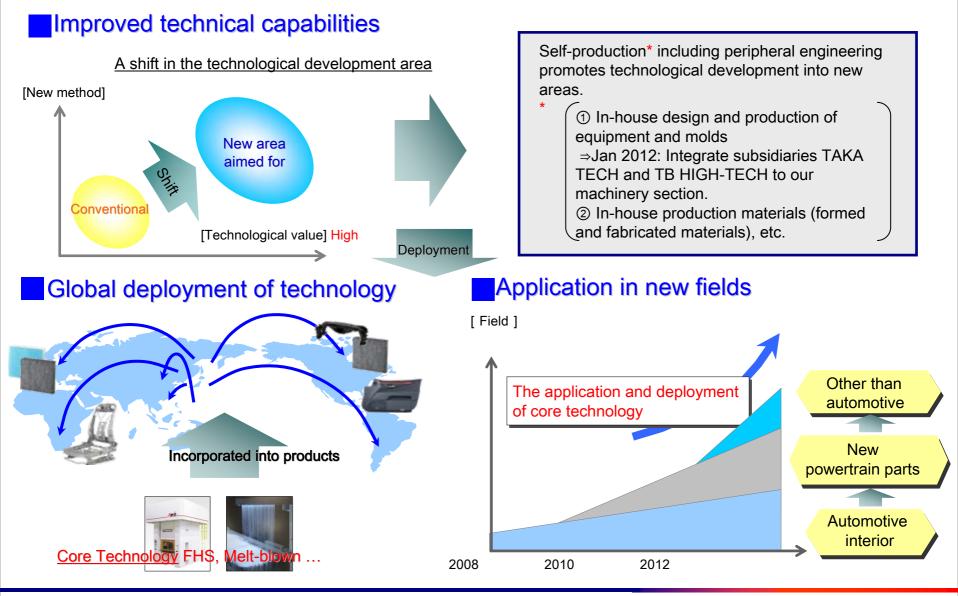
Study of facility layouts

When compared with current equipment <a href="Equipment area">Equipment area</a> 50% down <a href="Cost of equipment">Cost of equipment</a> 16% down

Developing highly efficient equipment and value-added products through our advanced core technologies

4) Thorough implementation of lean, highly efficient and high value-added business in Japan.

## (3) The aims of manufacturing technology



## The achievement of challenging management goals



Each Toyota Boshoku group member strives to resolve business challenges



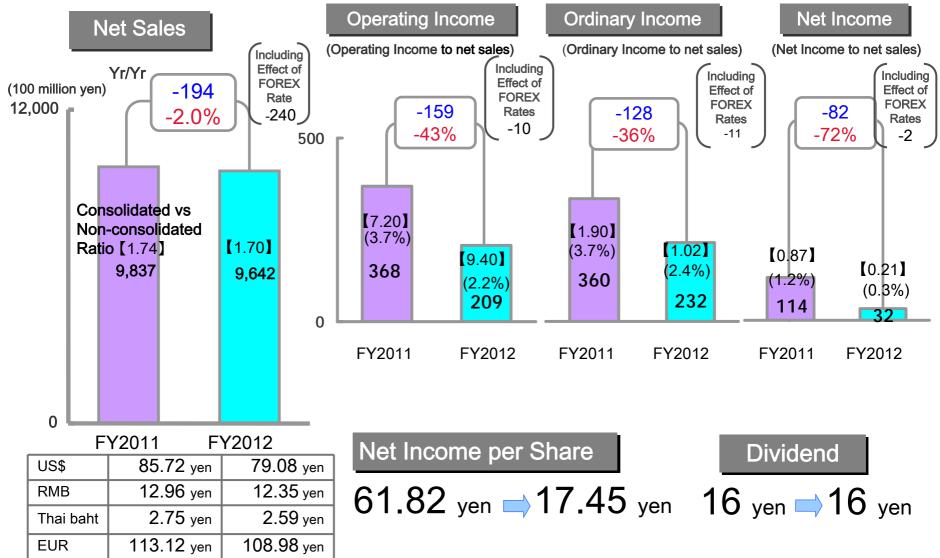
# 4 Financial Summary

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- 1) FY2012 Financial Results
- 2) Earnings Forecast for FY 2013

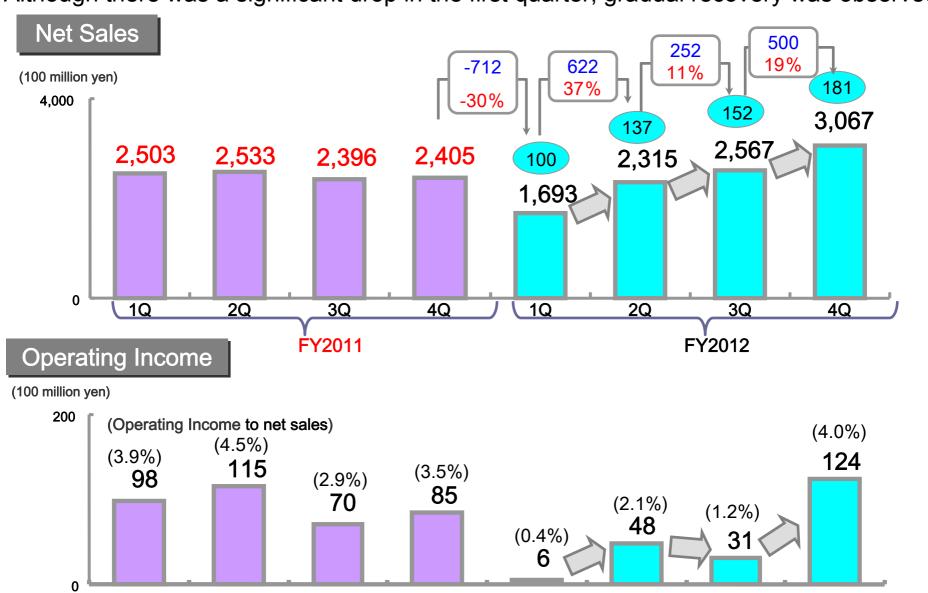
### 1) FY2012 Financial Results

Decreased sales and income due to reduced production in N/M/S America and Asia and FOREX effects



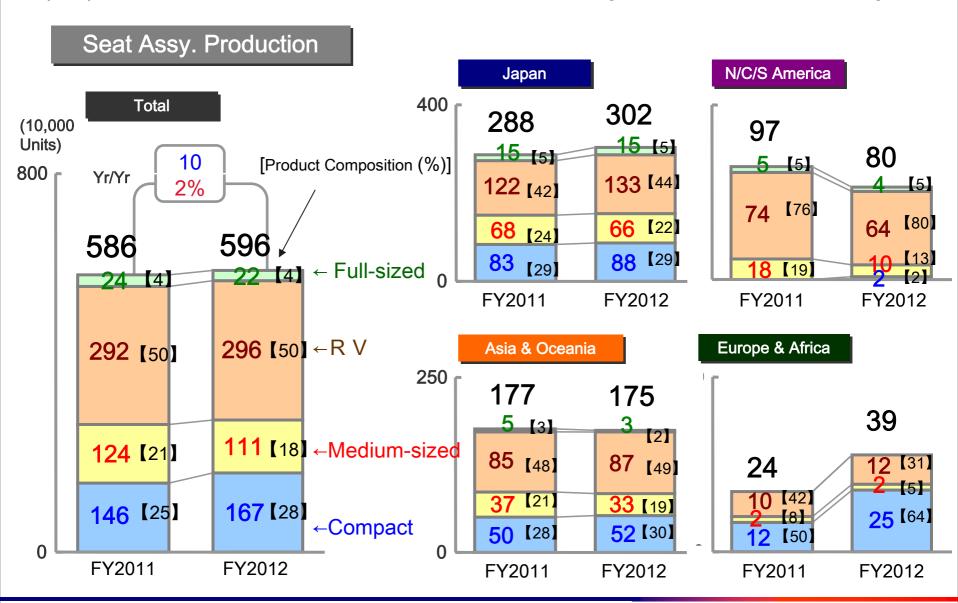
## 1) FY2012 Financial Results

Although there was a significant drop in the first quarter, gradual recovery was observed.

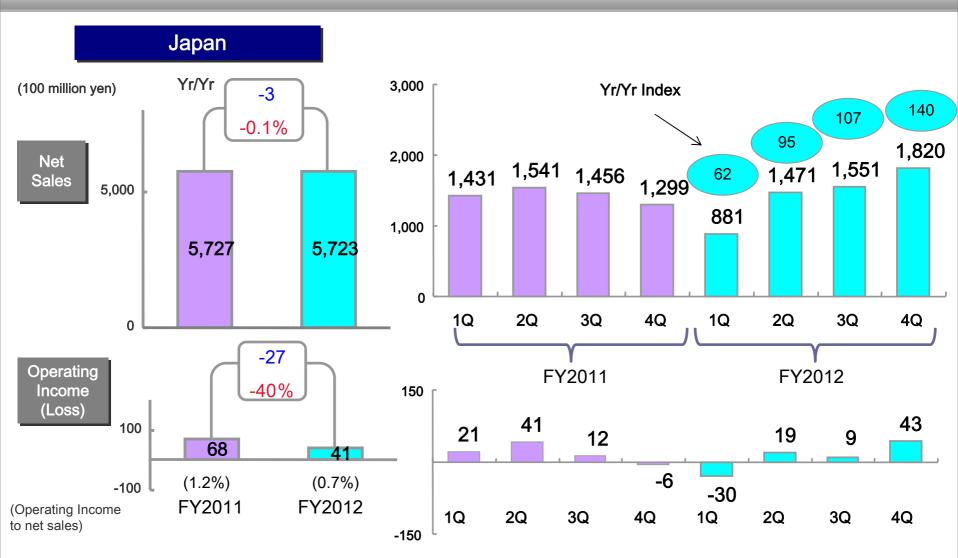


## 1) FY2012 Financial Results Unit Sales by Region

Despite production cutbacks in the N/C/S America and Asia, in general there was little change

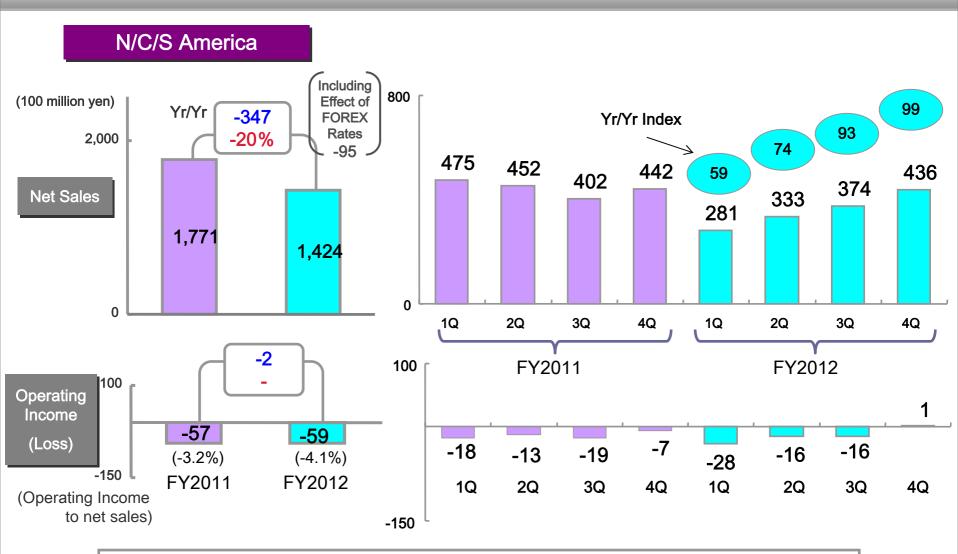


## 1) FY2012 Financial Results Net Sales and Operating Income by Region (1)



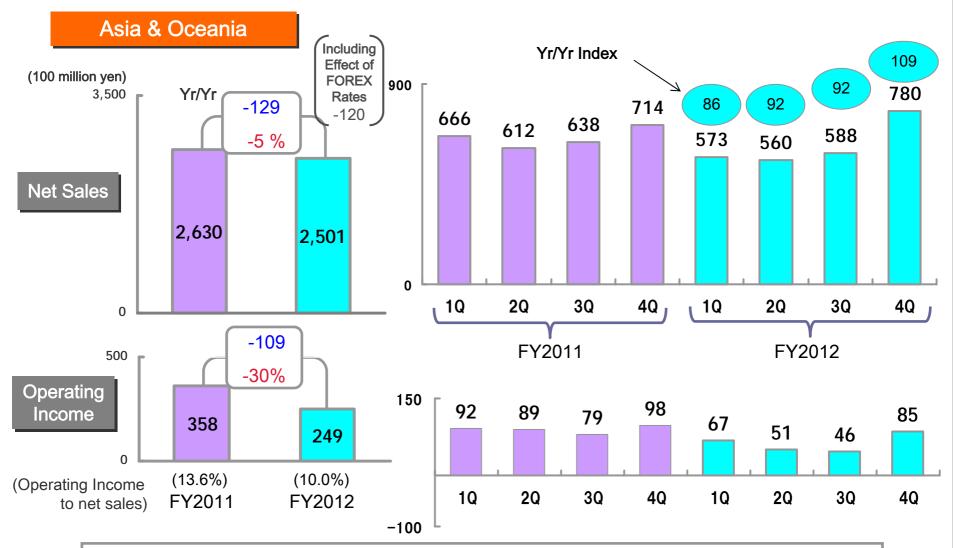
- · Despite a drop in the first half of the year, the second half saw a recovery which made the whole year relatively unchanged.
- · Profit decreased due to increases in costs for earthquake and flood protection measures, and change of product composition.

## 1) FY2012 Financial Results Net Sales and Operating Income by Region (2)



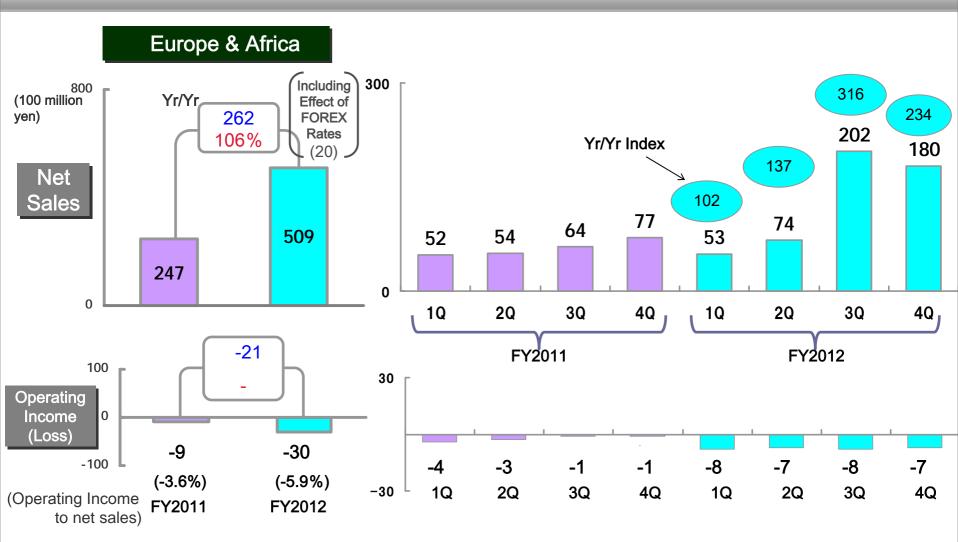
- · Decreased revenue due to the earthquake and transfer of Camry production
- · Despite this decrease, improvement efforts were able to prevent increased deficit.

### 1) FY2012 Financial Results Net Sales and Operating Income by Region (3)



- · Decreased revenue due to exchange rates, and reduced production after the Thailand floods
- · Decreased profit due to increased expenses after the Thailand floods, and increased labor costs

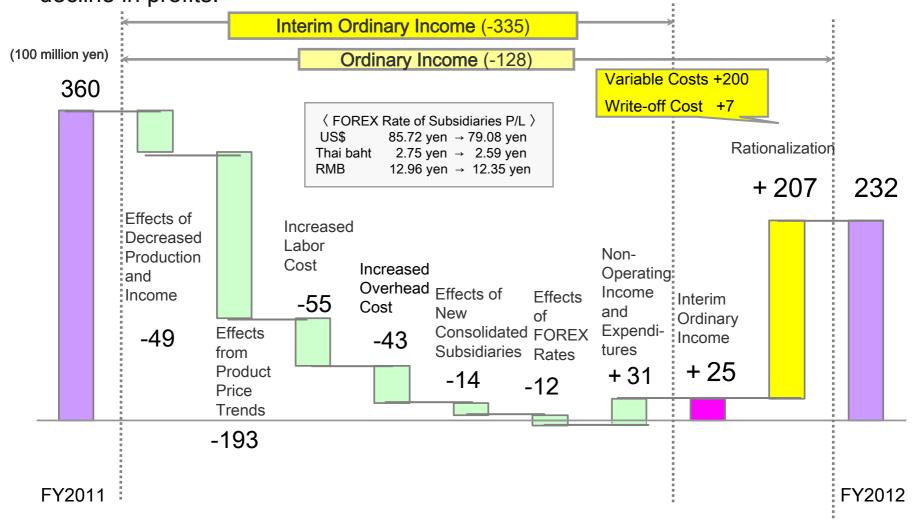
## 1) FY2012 Financial Results Net Sales and Operating Income by Region (4)



- · Revenue increased due to the set-up of Yaris and BAE contributions.
- Profits declined due to increased Yaris production preparation costs at Toyota Boshoku Somain and TBAI Poland, and increased costs to receive NCB (new customer business) orders.

# 1) FY2012 Financial Results Ordinary Income Increase/Decrease Analysis

Even with the highest level of rationalization, we were unable to make up for the decline in profits.

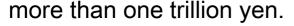


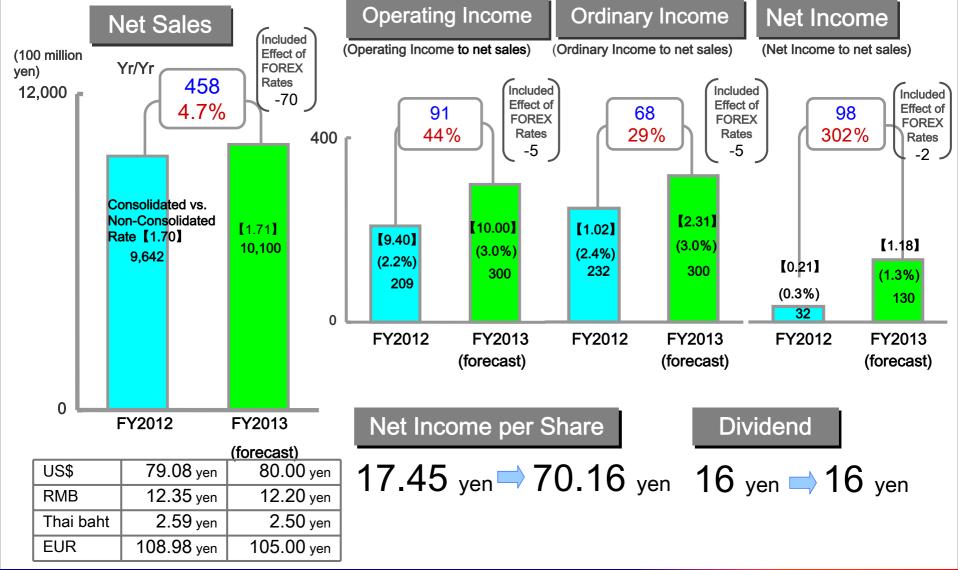
# 4 Financial Summary

- 1) FY2012 Financial Results
- 2) Earnings Forecast for FY 2013

## 2) Earnings Forecasts for FY2013

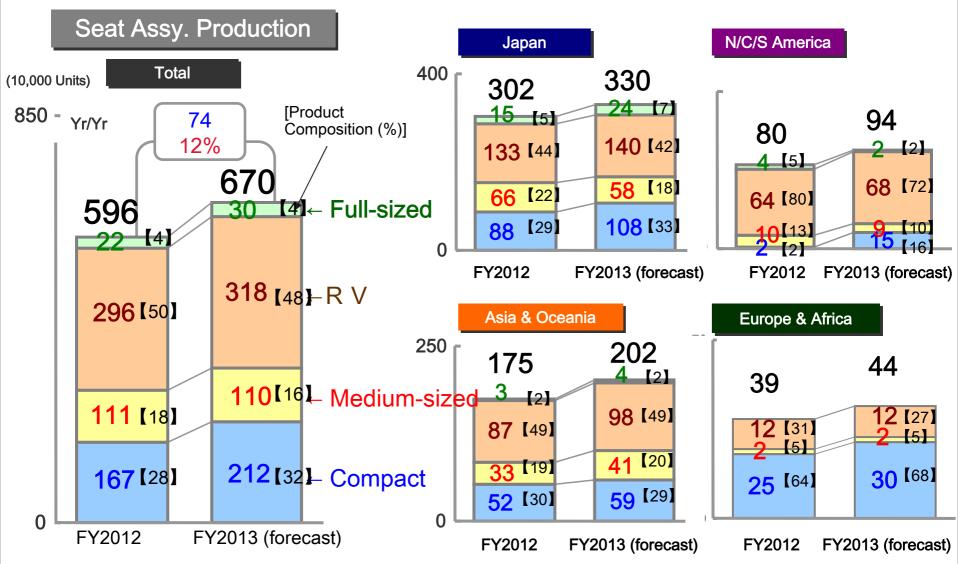
Steady increases in production in each region lead to increased sales and profit of



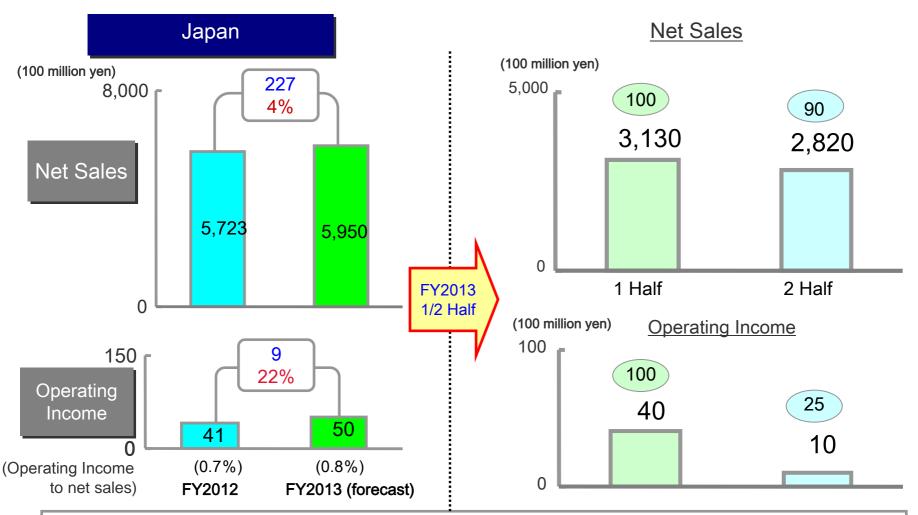


## 2) Earnings Forecast for FY2013 Unit Sales by Region

In each region, numbers of units will increase but product composition ratio will be unfavorable with its higher compact car rate.

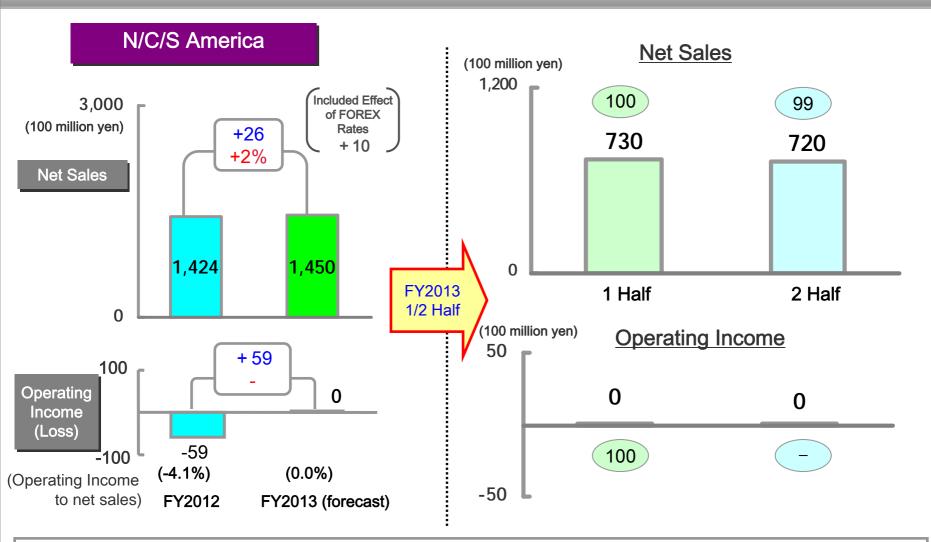


## 2) Earnings Forecast for FY2013 Regional Net Sales and Operating Income (1)



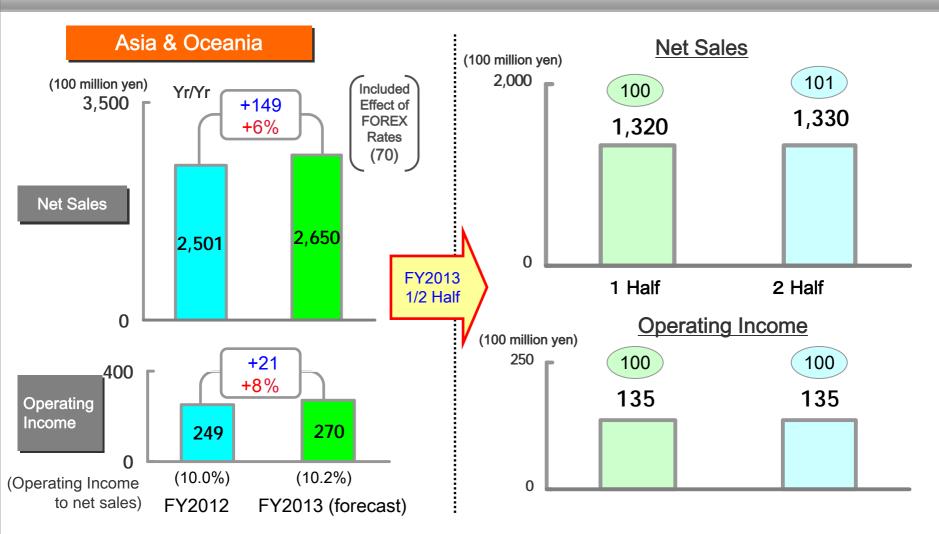
- · The number of vehicles, revenue and profits will be steadily increased due to the eco-friendly car subsidy.
- There will be a stable increase in production in the first half of the year. However, we expect this to decline after the subsidy is discontinued.

## 2) Earnings Forecast for FY2013 Regional Net Sales and Operating Income (2)



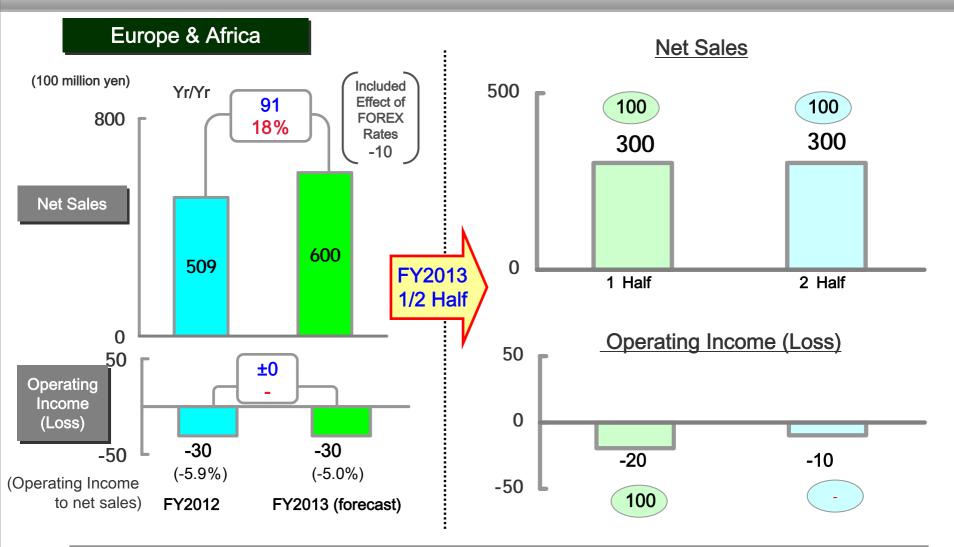
- · Regardless of contributions from the Corolla set up in the previous period, sales will lose their momentum after production of the Camry being transferred.
- · We expect to break even, despite reduced profits from start-up costs for production in Brazil.

## 2) Earnings Forecast for FY2013 Regional Net Sales and Operating Income (3)



The number of units will be steadily recovering and there will be an increase in income and profit when compared to the previous period.

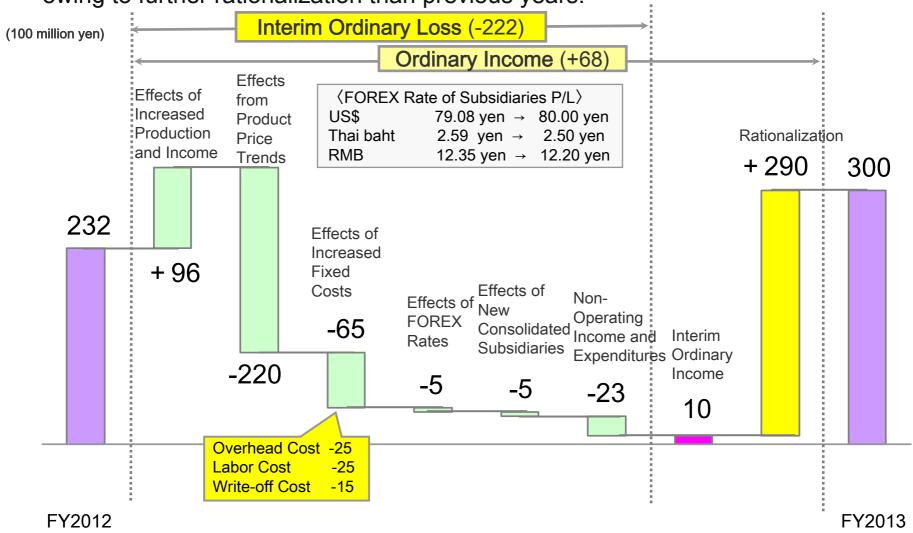
## 2) Earnings Forecast for FY2013 Regional Net Sales and Operating Income (4)



- · Increased revenue is expected from the set-up of Yaris in the previous period, as well as BAE contributions.
- · Despite a revenue increase, there will be a stable deficit due to increased costs to handle NCB orders as before.

## 2) Earnings Forecast for FY2013 Ordinary Income Analysis

Though a substantial reduction in profits is expected, there will be increased profits owing to further rationalization than previous years.



## 2) Earnings Forecast for FY2013 Capital Expenditures

Providing a global supply system based around model change investment

