General Machinery & Special Vehicles Business Operation

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A MITSUBISHI HEAVY INDUSTRIES, LTD.



1. Business Outline

2. Tactics for RE-BIRTH 11

Revival Plan for the General Machinery & Special Vehicle Business

- Organizational Reform
- Turbocharger Division
- Engine Division
- Forklift Division
- Special Vehicle Division



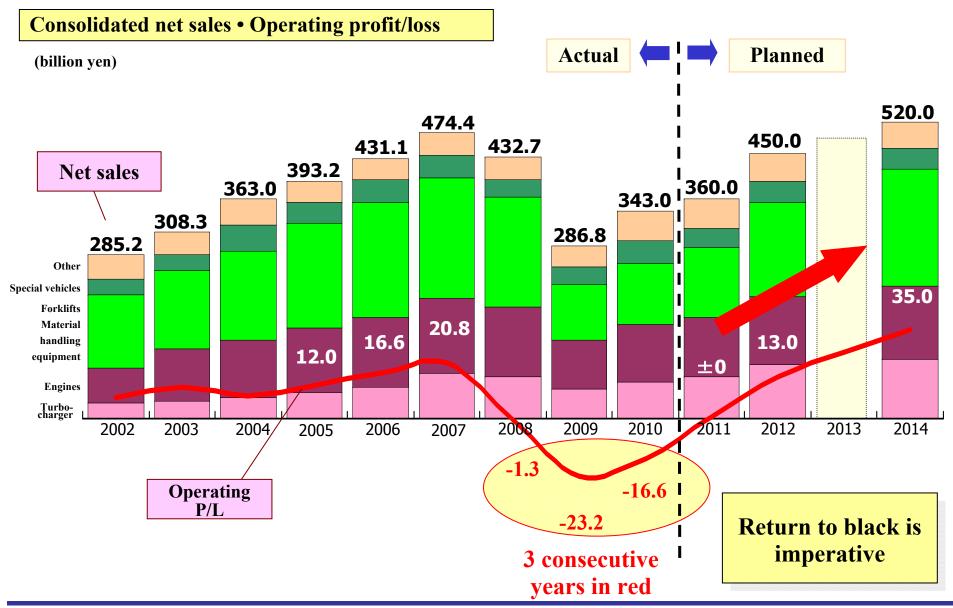
1. Business Outline

Intelligent Technology for Vehicles & Energies – Contributing to social infrastructure development and the environment/energy sectors

Main Products Breakdown of sales for FY2010 **Turbochargers Forklift Trucks** (Material Handling Equipment) Turbo-Others chargers 14% 17% Special **Internal combustion** For diesel vehicles For gasoline vehicles **Electric trucks** Vehicles trucks Consolidated 11% Net Sales **Engines** & **Engines** (for industry, for power **Special Vehicles** Equipmen 343 billion yen generation, for ships) 28% Forklift Trucks **Material Handling** Equipment 30% **Diesel engines** MEIKI Type 10 tank ~3,800 kW (Light-weight) (Experimental vehicle) 1 to 10 kW



1. Business Outline - Business Standing -



Tactics for RE-BIRTH 11 2-(1) Revival Plan for General Machinery & Special Vehicles **Business Operation**

1. Business Model Turnaround

Business structure reforms

- 1. Thoroughly investigate customer needs
- 2. Top in the world for performance and quality
- 3. Global network (Production/ service)

2. Business Revival

- Corporate culture reforms
- 1. Sense of urgency
- 2. Customer viewpoint

3. Speed





2-(2) Business Model Turnaround

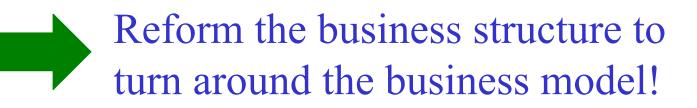
Thoroughly investigate customer needs

- Product planning that sells well
- Narrow down to strong-selling product lines

Top in the world for performance and quality

Global network (Production/ service)

- Speed up development
- -Swift response to switch to electric (lithium-ion batteries)
- Accelerate and intensify shift to overseas production
- Enhance functionality at overseas plants
- Full-fledged entry into service business





2-(3) Reasons for Business Slump

Defeating the Big Company Syndrome

- Lack pursuit of profit

- No ability to get things done

Customer viewpoint

Sense of

crisis

- Product development for own satisfaction (Unconvincing pursuit of customer values)
- No direct communication with customers

Speed

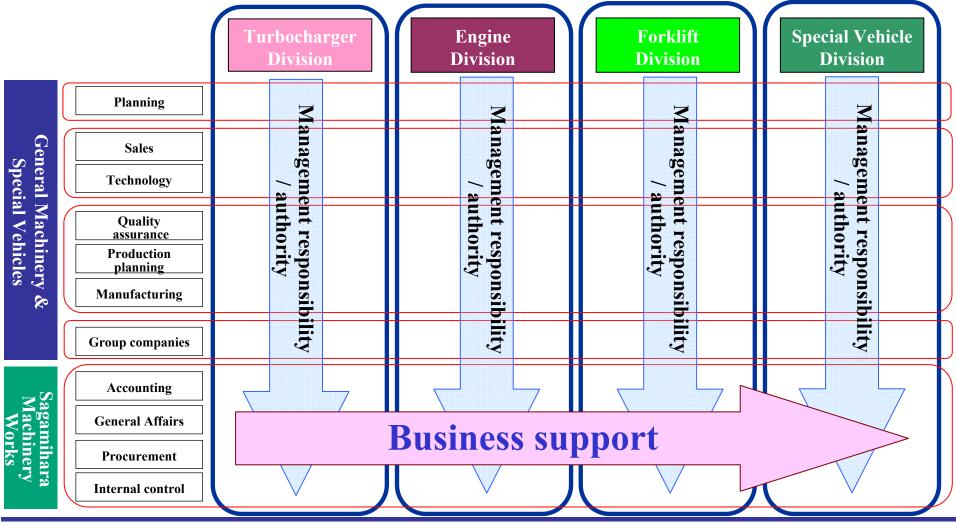
- Spending time on internal adjustments (No delegation of authority)
- Development is slow

Business revival through corporate culture reforms!

Tactics for RE-BIRTH 11 2-(4) Organizational Reform (Companywide business operation restructure)

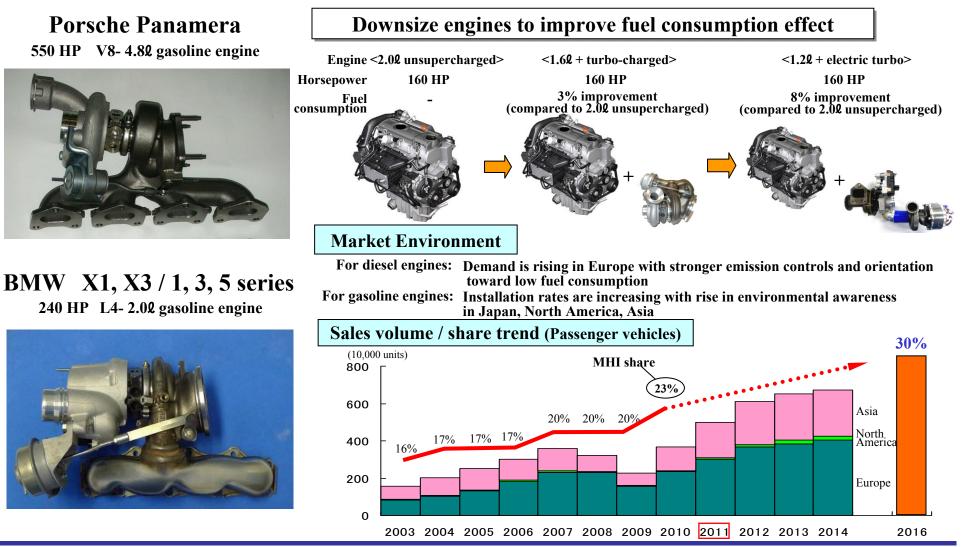


Shift to 4-division system as of April 1, 2011. Centralize management responsibility and authority for each business Division including Group Companies; speed up decision-making and implementation



2-(5) Turbocharger Division

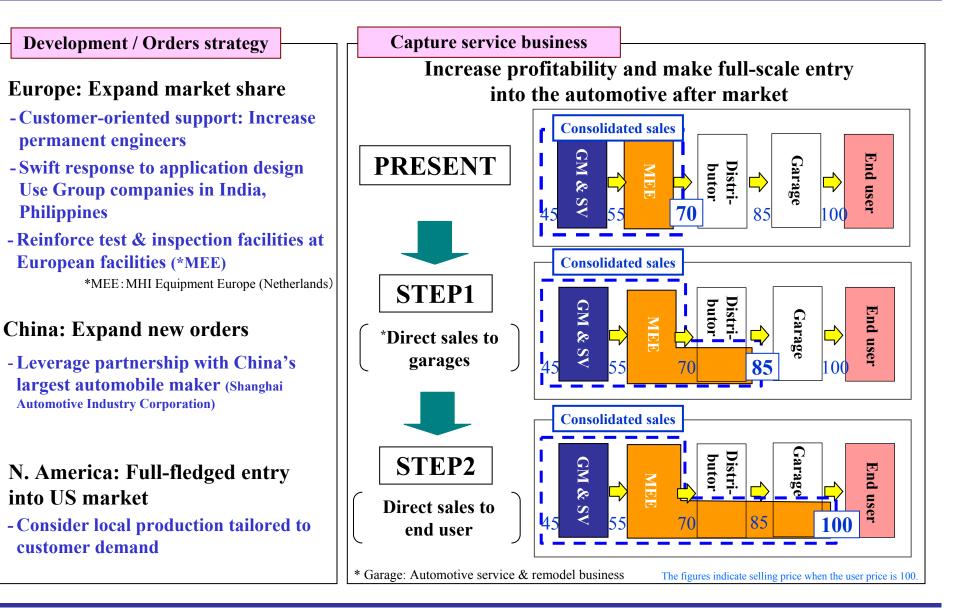
Policy Armed with performance and quality recognized worldwide, aim for top market share (by FY2016)



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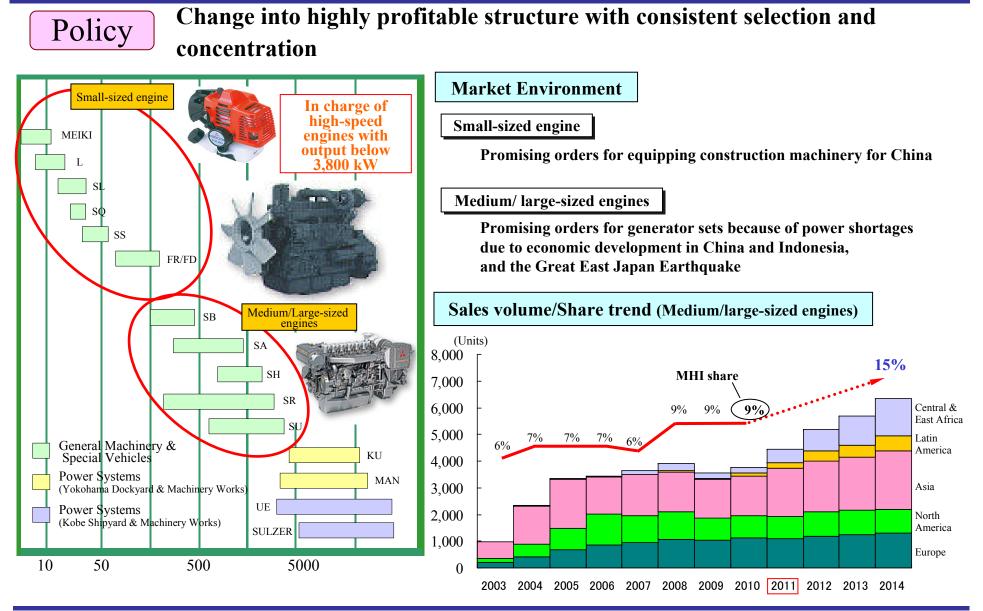
2-(5) Turbocharger Division





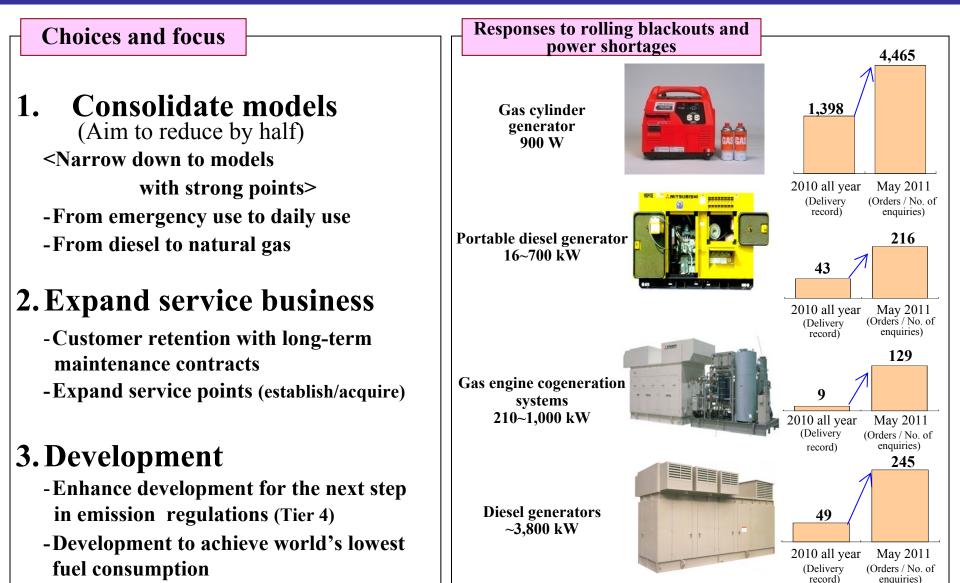


2-(6) Engine Division



2-(6) Engine Division





Policy

2-(7) Forklift Division



Promote switch to electric, strengthen global collaborative structure and service business Build solid structure globally

<Hybrid>

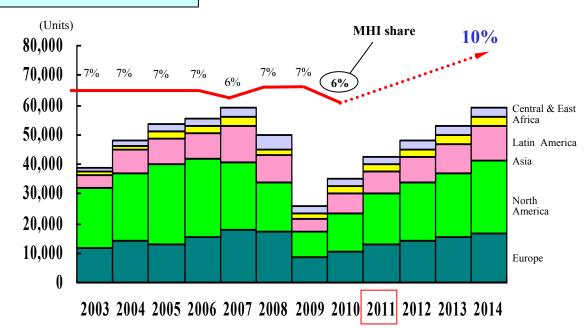
<Electric>



Internal combustion trucks: A major market shift from US and Europe to emerging countries

> Electric trucks: In Europe where we have more than 50% of the market, demand will rise with the increase in volumes of commodity distribution in the future





Mitsubishi Heavy Industries, Ltd. owns all intellectual property rights concerning these materials.

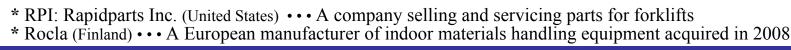
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Tactics for RE-BIRTH 11

2-(7) Forklift Division

Reform business model

- Install high-capacity MHI lithium-ion batteries Switch to - Focus European business on *Rocla, a maker of electric indoor materials handling equipment Global - Expand product lineup collaborative - Enhance cost competitiveness by sharing production with collaborating partners structure - Develop strengths of North American service business Full-scale (*RPI) on a global scale advance on - Expand points of contact with customers by developing service business direct sales model









2-(8) Special Vehicle Division



Policy

Expand business domain (develop disaster response vehicles in addition to defense vehicles)

Market Environment

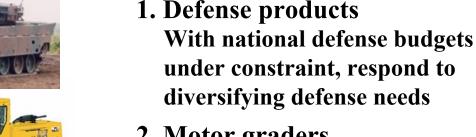
Special vehicle lineup

Tanks



Mobile radiation shielded control

rooms



2. Motor graders Demand in emerging markets is increasing with intensifying improvements to infrastructure

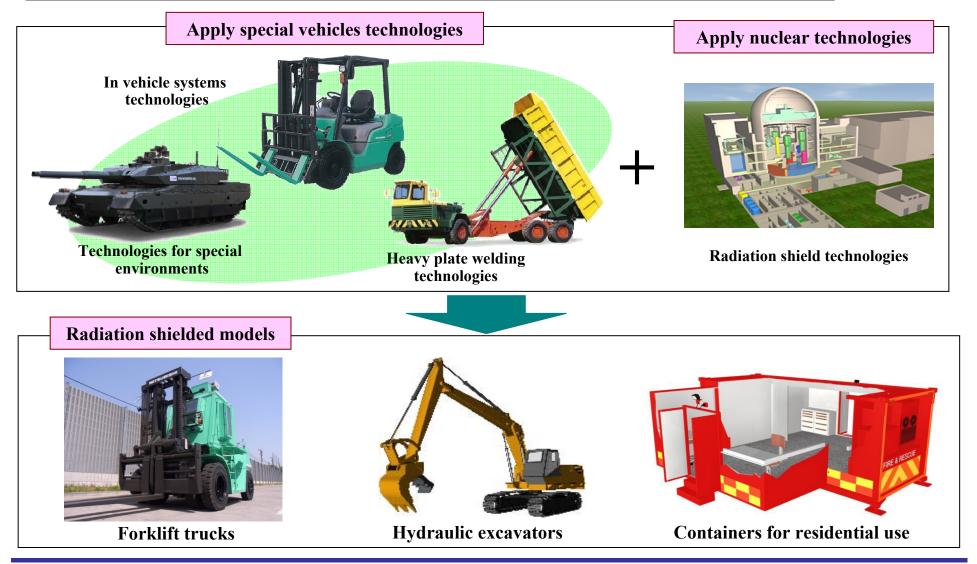
3. Special vehicles for disaster response Supply radiation shielded control rooms in response to accident at Fukushima Daiichi nuclear plant

Exclusive response system with special vehicles for disaster response

2-(8) Special Vehicle Division



Expand business domain to special vehicles for emergency response





Implement tactics for RE-BIRTH 11

- Reform business structure to turn around the business model
- Business revival through reforms of corporate culture



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