

Industry & Infrastructure Domain Business Plan

Kazuaki KIMURA

Senior Executive Vice President, President and CEO of Industry & Infrastructure Domain, and Head of Marketing & Innovation Headquarters

June 12, 2017 mitsubishi heavy industries, Ltd.





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2. FY2017 Business Strategy

- 2-1. FY2016 Summary & FY2017 Outlook
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- 3-2. Strengthening of Core Businesses
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- 3-4. Structural Reforms in Commercial Ship Business
- 3-5. Enhancement of Engineering Synergies

4. Summary

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1-1. Overview (Domain Reorganization)



The Industry & Infrastructure domain (I&I domain) was launched as part of a larger Companywide reorganization of domains carried out in April 2017. Chemical Plants, Land Transportation Systems, and Shipbuilding & Ocean Development are being consolidated into the I&I domain to create synergies in engineering and other areas, and also to advance reforms of commercial ship operations.

【Until Ma	rch 2017】		
Energy & Environment			
Thermal Power	Nuclear Power		Therr
Renewable Energy	Chemical Plants	5	Aero
Commercial Aviation &	Transportation Systems		Renew
Commercial / Cruise Ships	Land Transportation Systems		Inc
Commercial Aircraft	MRJ		Metals
Aero Engines			Turbo
Integrated Defense & Space Systems			Air-Co Ref
Defense Systems	Space Systems		Comme
Machinery, Equipment & Infrastructure			Chem
Compressors	Metals Machinery		Air
Material Handling Equipment	Turbochargers		Comme
Engines	Air-Conditioning & Refrigeration		Defens
Machinery & Equipment			

Power Systems			
Thermal Power	Compressors		
Aero Engines	Nuclear Power		
Renewable Energy			

[Erom April 2017]

Industry & InfrastructureMetals MachineryMaterial Handling
EquipmentTurbochargersEnginesAir-Conditioning &
RefrigerationMachinery &
Equipment

 Reingeration
 Equipment

 Commercial / Cruise
 Land Transportation

 Ships
 Systems

Aircraft, Defense & Space

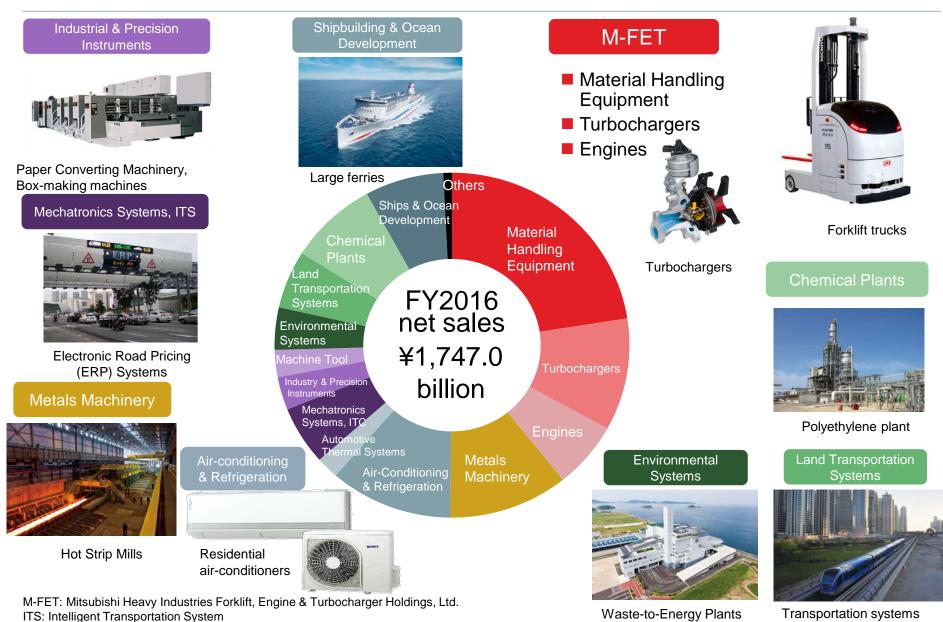
Commercial Aircraft	MRJ		
Defense Systems	Space Systems		

	Business	Group company	
	terial Handling uipment	Mitsubishi Nichiyu Forklift Co., Ltd., UniCarriers Corporation	
Engines		Mitsubishi Heavy Industries Engine 8 Turbocharger, Ltd.	
Tur	bochargers	Mitsubishi Heavy Industries Engine & Turbocharger, Ltd.	
Me	tals Machinery	Primetals Technologies	
	Conditioning & rigeration	Mitsubishi Heavy Industries Thermal Systems, Ltd.	
	omotive Thermal stems	Mitsubishi Heavy Industries Automotive Thermal Systems Co., Ltd.	
R	Mechatronics Systems • ITS	Mitsubishi Heavy Industries Mechatronics Systems, Ltd.	
lachiner	Rubber & Tire Machinery	Mitsubishi Heavy Industries Machinery Technology Corporation	
Machinery & Equipment	Paper Converting Machinery & Newspaper Offset Press	Mitsubishi Heavy Industries Printing & Packaging Machinery, Ltd.	
-	Machine Tool	Mitsubishi Heavy Industries Machine Tool Co., Ltd.	
	rironmental stems	Mitsubishi Heavy Industries Environmental & Chemical Engineering Co., Ltd.	

Business	Division
Commercial Ships	Ship & Ocean Division
Cruise Ships	Ship & Ocean Division, Engineering Headquarters
Chemical Plants	Engineering Headquarters
Land Transportation Systems	Engineering Headquarters, Transportation Systems Division

1-1. Overview (Net Sales by Main Businesses)



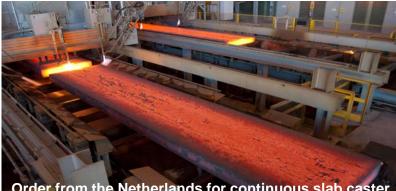


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1-2. FY2016 Major Projects and Orders Received



Metals Machinery



Order from the Netherlands for continuous slab caster



Orders for electronic toll collection (ETC) systems

Shipbuilding & Ocean Development



Land Transportation Systems



Orders for automated guideway transit (AGT) systems

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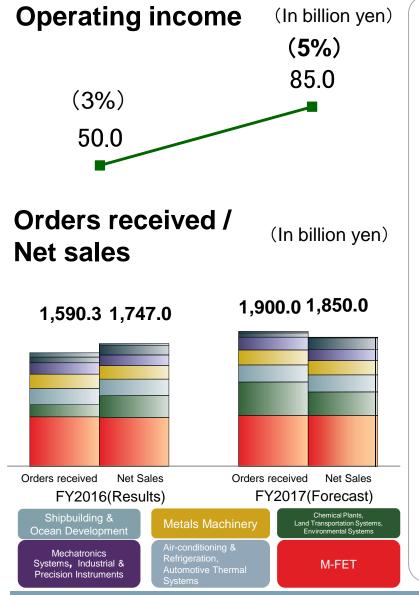
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2-1. FY2016 Summary & FY2017 Outlook





[FY2016 Summary]

Orders received

Orders increased largely due to the merger with UniCarriers, but a sluggish global economy and market meant orders for Chemical Plants (which had been robust in FY2015), Commercial Ships and Land Transportation Systems decreased.

Net sales

In spite of decreased revenue in Metals Machinery, overall net sales expanded due to the merger with UniCarriers, and to scale expansion in Turbochargers and Land Transportation Systems.

Operating income

Income declined in Metals Machinery, which is undergoing PMI, and in Commercial Ships (LNG carriers).

[FY2017 Outlook]

Orders received

Orders are projected to grow by ¥300 billion through expansion of our engineering businesses.

Net sales

Sales are projected to increase ¥100 billion, mainly on scale expansion in Material Handling Equipment, Turbochargers, etc.

Operating income

Income is projected to increase ¥35 billion from FY2016, to ¥85 billion by increasing sales, accelerating PMI, and structural reforms in the business of Commercial Ships.

PMI: Post Merger Integration

2-2. Business Strategies



1) 2015 Business Plan progress status and future measures

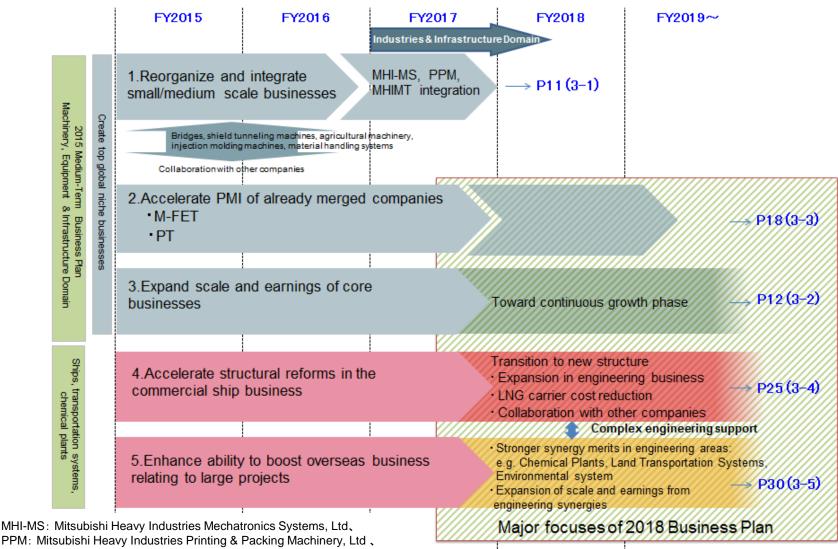
	Basic policies	Progress status	Future measures
1	Reorganize and integrate small/medium scale businesses	Concentration of small/medium businesses into core competencies is proceeding smoothly.	MHI-MS, PPM and MHIMT will be merged to enhance the flow and efficiency of resources (staff, equipment, funds etc.). Resources will be concentrated into anticipated growth areas, and fixed costs will be reduced to strengthen the organization
2	Accelerate PMI at merged companies	PMI at PT is on schedule but the market remains sluggish. Business scale has expanded at M-FET after the acquisition of UC.	At PT, recovery in earning capacity will be pursued through accelerated PMI. At M-FET, early PMI merits will be sought by fully integrating MN and UC's operations.
3	Expand scale and earnings of core businesses	Turbocharger business scale and earnings are expanding amid market growth.	In addition to the Turbocharger business, efforts will be made to expand business scale and earnings in Air-Conditioning & Refrigeration, ITS and Paper Converting Machinery.
4	Accelerate structural reforms in the Commercial Ship business	Although delivery of the second ship to AIDA was completed, the LNG ship cost target was not reached and construction work is behind schedule.	Activities will be carried out to reduce costs and shorten construction time, and the business will be strengthened, especially in engineering.
5	Enhance ability to boost overseas business relating to large projects	Engineering-related businesses – with strong elements of EPC in Chemical Plants, Land Transportation Systems and Environmental Systems – is being consolidated into the I&I domain.	Project management capabilities will be strengthened by focusing resources, and will also be applied to project and risk management of other products in the I&I domain.

PT:Primetals Technologies, M-FET:Mitsubishi Heavy Industries Forklift, Engine & Turbocharger Holdings, Ltd., MN:Mitsubishi Nichiyu Forklift Co., Ltd., UC:UniCarriers, PPM:Mitsubishi Heavy Industries Printing & Packing Machinery, Ltd., MHIMT:Mitsubishi Heavy Industries Machinery Technology Corporation, MHI-MS:Mitsubishi Heavy Industries Mechatronics Systems, Ltd., ITS:Intelligent Transportation System, PMI:Post Merger Integration, EPC:Engineering Procurement Construction

2-2. Business Strategies



2) 2015 Business Plan progress status and future measures(schedule)



MHIMT: Mitsubishi Heavy Industries Machinery Technology Corporation 、

PT: Primetals Technologies, M-FET: Mitsubishi Heavy Industries Forklift, Engine & Turbocharger Holdings, PMI: Post Merger Integration

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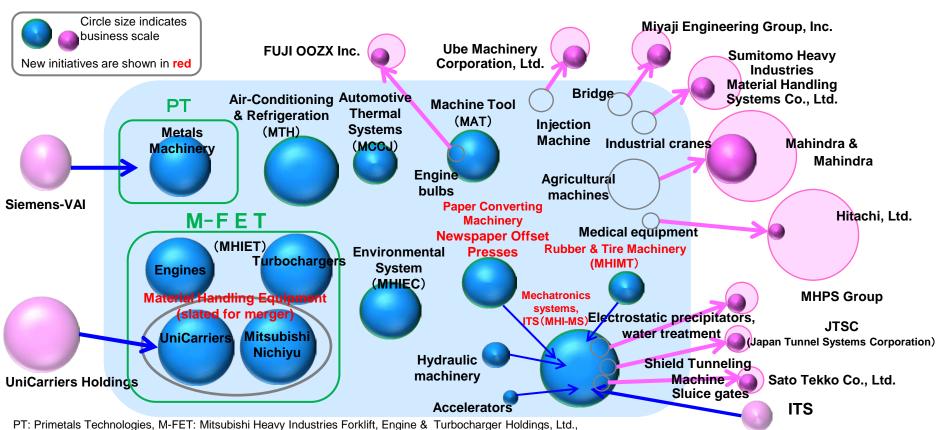
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3-1. Concentration into Core Competencies



Focus areas for core competencies in machinery, equipment & infrastructure business

- Core businesses: Globalization, PMI acceleration
- <u>Small/medium scale businesses</u>: Pursue enhanced flow and efficiency of staff/equipment/funds through consolidation
- Downsizing/withdrawal businesses: Development through collaboration with other companies



MHIET: Mitsubishi Heavy Industries Engine & Turbocharger, Ltd. MTH: Mitsubishi Heavy Industries Thermal Systems Co., Ltd., MCCJ: Mitsubishi Heavy Industries Automotive Thermal Systems Co., Ltd., MHIEC: Mitsubishi Heavy Industries Environmental & Chemical Engineering Co., Ltd., MAT: Mitsubishi Heavy Industries Machine Tool Co., Ltd., PPM: Mitsubishi Heavy Industries Printing & Packing Machinery, Ltd, MHIMT: Mitsubishi Heavy Industries Machinery Technology Corporation, MHI-MS: Mitsubishi Heavy Industries Mechatronics Systems, Ltd, ITS: Intelligent Transportation System



Turbochargers

Business environment

- Worldwide enhancement of environmental regulations (exhaust emissions)
- Expanding demand through 2025 for turbochargers (on rising adoption of turbochargers) amid trend toward engine down-sizing and lower fuel consumption
- With further tightening of regulations, increasing shift to electrified vehicles (after 2025)
 - -Rising demand for electric vehicles (EV)
 - Increasing adoption of hybrid and plug-in vehicles
 - Rising ratio of the adoption of turbochargers in engine-powered vehicles



Key management policies

- Develop and launch products in response to market changes
- ♦In FY2017, complete global production system for 11 million units
- \blacklozenge Sustain growth on expansion of global developments

Business strategies

- Response to market changes (diversification of power trains) All automakers are boosting their average fuel efficiency through a product mix of EV, HV/PHV and engine-powered models.
 - Reduce fuel consumption in engine-powered vehicles Development of gasoline VG (variable geometry) turbochargers^{%1} and Electric 2-stage Turbocharging System
 - Response to electrified vehicles
 Development of HV-dedicated turbochargers
 Introduction of turbochargers for series hybrids^{*2}
- %1 Variable geometry turbocharger for gasoline engines

2) Strengthen global structure

- ·Launch new production lines at Sagamihara and China bases
- ·Establish global quality control system
- · Expand procurement in low-cost countries
- ·Enhance technology response capability by overseas bases

Global production system (11 million units)



*Global trend in turbocharger market (up to 3.5ton)





- Grow global businesses and servicing business, and enhance management efficiency
- (Thailand, Singapore, Malaysia, etc.)

*GWP: Global Warming Potential





ITS

Business environment

The global market is in an expansionary trend, especially in Asia, North America and Europe. The domestic market is flat. The scale of the ITS market as a whole is approx. ¥2 trillion. The market MHI serves is approx. 10% of the total.

Domestic market

Business is evolving mainly in toll collection systems such as ETC (Electronic Toll Collection Systems), etc.

- Stable demand for both renewal and new systems is emerging.
- Overseas market

Business is under expansion, mostly ERP (Electronic Road Pricing systems).

- Singapore: ERP is transitioning to next-generation systems, creating related business opportunities.
- Southeast Asia, etc.: Road networks are progressing along with economic growth. ITS-related infrastructure is in an expansionary trend centered on collection systems.

Key management policies

- Sustain earning capacity based on domestic and Singaporean markets.
- Expand the target market leveraging completion of the nextgeneration ERP in Singapore, and develop new business.
- Build a third pillar of business in Asia.

ITS: Intelligent Transportation System, ETC: Electronic Toll Collection System

Business strategies

Domestic market

- Stimulate demand through new models of both toll collection systems and ETC.
- Launch new systems through technology development and advance response to needs relating to collection measures, etc.

Overseas market

- •Singapore: Accomplish the next-generation ERP on order, and develop new business based on the new ERP platform.
- South east Asia, etc.: Forge a business model through project formation based on system proposals responding to the specific needs of each countries





ETC system (Japan)





Automated toll collection machine (Japan)



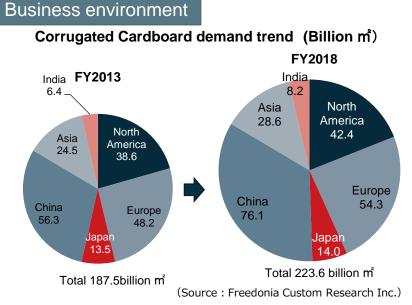
ETC system demonstration testing (Malaysia)



(Europe)

UK

Paper Converting Machinery



Along with increasing population, economic growth and growth of e-commerce, demand for corrugated cardboard as a "hidden infrastructure" supporting logistics is in a global expansionary trend.

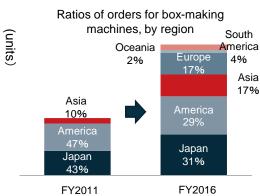
Key management policies

Use the global increase in demand for recyclable packaging materials as a business opportunity. Enhance product appeal and cost competitiveness to expand business scale and earnings

- -Japan: firmly sustain top share (above 50%)
- •World: aim for No.2 global share (currently No.3)

Business strategies

1) Expand global customer base (currently 23 countries) ** based on core EVOL orders



2) Global network of servicing business



- Italy Canada Germany (Asia/Oceania) Netherlands China Poland Korea Switzerland Singapore Spain Taiwan Norway Vietnam Russia Thailand South Africa Indonesia (Latin America)
- Australia Total: 23

countries

Japan

USA

(North America)

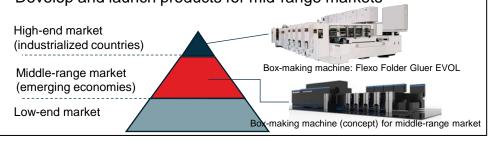
Mexico Brazil (as of end-FY2016)

 Utilize resources of MHI Group (parts depots, service personnel, etc.)

- Expand rebuilding business for high-operating machinery installed overseas
- Enhance quality of services and higher efficiency through active use of QRM*

%QRM:Quick Response Manufacturing Collaboration with University of Wisconsin QRM Center

3) Launch strategic products in growth markets Develop and launch products for mid-range markets







(New portfolio, business investments, after-services)

Higher efficiency of personnel resources (Project IT, collaboration with partners etc.)

EOR: Enhanced Oil Recovery

CO2 recovery plant (USA)

Fertilizer plant (Tatarstan, Russia)





Land Transportation Systems

Business environment

Market trends:

- Despite decline in projects involving yen loans (Southeast) Asia) and resource exporting countries (Middle East), self-financed projects are progressing relatively smoothly.
- Amid growing air passenger numbers, airport expansion plans are robust, generating demand for new, extended or updated airport APMs.

Key management policies

- Develop total solutions business in urban transport based on our strength in system integration and AGT systems
- Establish business foundation as a transportation system integrator with dual strengths in engineering and manufacturing

APM: Automated People Mover

AGT: Automated Guideway Transit

Business strategies

1) Target for large-scale urban transport projects

- Engage primarily in promising EPC business negotiations mainly in the Middle East and Southeast Asia
- ·Enhance project execution capability sharing track record in previously executed construction work
- · Strengthen relationships with partners suitable for each project

2) Develop AGT business

- Increase the share of overseas airport APM projects
- Expand marketing of urban AGTs
- (FY2016: order received for Yurikamome carriage replacements)
- ·Enhance the product lineup with completion of a high-speed AGT (120km/h)

3) O&M business initiatives

- Make active use of O&M expertise cultivated at overseas Group companies, etc.
- Acquire O&M business targeted at already ordered or planned projects
- Promote use of the MIHARA Test Center

Macao LRT



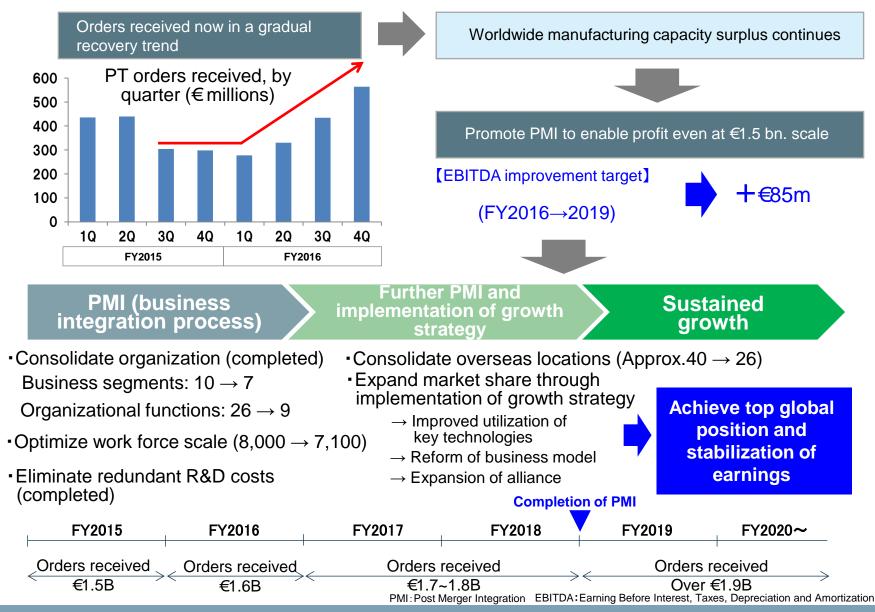
Thailand Red Line



EPC: Engineering, Procurement, Construction O&M: Operation & Maintenance

3-3. Implementation of PMI (Metals Machinery)

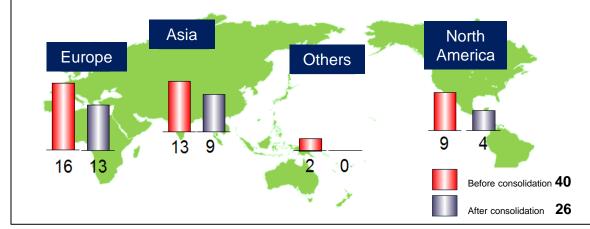




3-3. Implementation of PMI (Metals Machinery)



1) Strengthen organization through consolidation of overseas bases (approx. $40 \rightarrow 26$)



- Streamline redundant facilities of former Mitsubishi Hitachi Metals Machinery and Siemens VAI
- 2. Reorganize facilities in line with each market.
- 3. Optimize manufacturing facilities

2) Strengthen price competitiveness and earning capacity through optimization of design, procurement and manufacturing processes



- 1. Market analysis reflecting customer demand and prices/technologies of competing companies
- 2. Establish market-leading target prices and costs
- 3. Review design concept matching target costs
 - ·Weight and parts reductions, simplification
 - ·Design standardization and modularization
 - Changes in materials and parts
- 4. Establish procurement and manufacturing cost model to achieve target costs
 - Enhance supply chain management
 - ·Design with full consideration of manufacturing processes
 - Improve productivity, shorten construction periods
- 5. Establish product cost model and enhance further cost reductions

3-3. Implementation of PMI (Metals Machinery)



3) Share expansion through implementation of growth strategies reflecting technology trends and customer needs

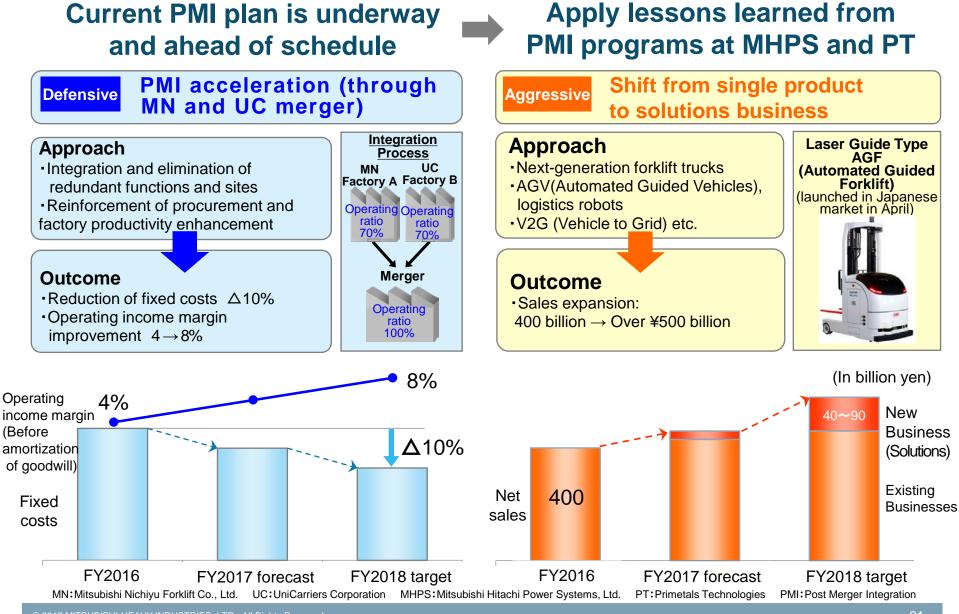
Technology trends	Core areas of implementation
1. High-quality, low-cost production Endless Strip Production (ESP)	<production deep-drawing="" high-tensile,="" of="" sheets="" steel=""> <u>Endless Strip Production Line</u> Reduction of initial costs through compact design Reduced production costs through achievement of continuous casting and rolling <u>Through Process Optimization</u> Higher yields of steel sheet quality achieved through prediction model </production>
2. Manpower savings, smart production	<industrie 4.0,="" iot=""> <u>Condition Monitoring System</u> •More efficient machine maintenance using mobile tools •Avoidance of operating glitches through introduction of predictive maintenance (dangerous work robot) <u>LiquiRobo (dangerous work robot)</u> •Unmanned performance of molten steel handling</industrie>
3. Energy savings, production with low environmental impact	<iron diversification="" process="" sources=""> <u>MIDREX (directly reduced iron)</u> •Reduction of CO2 through processing without coal (use of natural gas) <u>CO Gas Fermentation (bioethanol production)</u> •Higher added value of blast furnace and converter furnace gas <u>Quantum EAF (new type of electric furnace)</u></iron>

·Melting at low power through waste heat recovery

Quantum EAF

3-3. Implementation of PMI(M-FET)





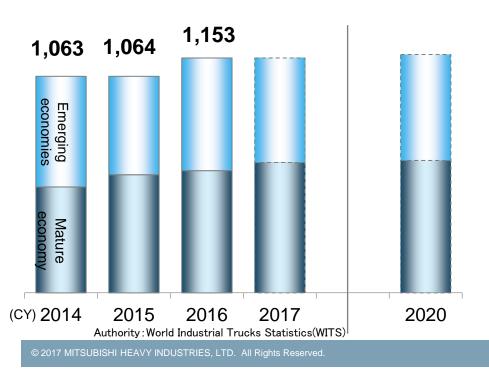
3-3. Implementation of PMI(M-FET) - Market



1. Forklift truck market

- Global market as a whole is solid (Europe is robust, China is recovering)
- Mature economies are shifting to electric trucks.
- In emerging economies, growth is sustained, centering on engine trucks.

Forklift truck global sales volume (unit: 1,000 vehicles)

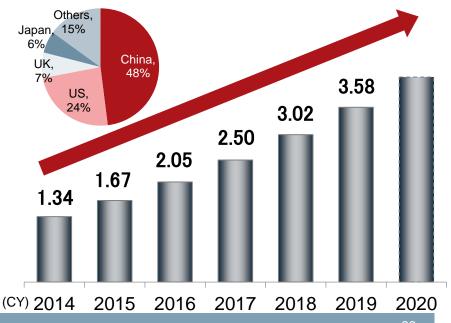


2. Electronic commerce market

Worldwide, electronic (e-) commerce is expanding dramatically. In line with this, optimization needs at logistics workplaces are increasing.

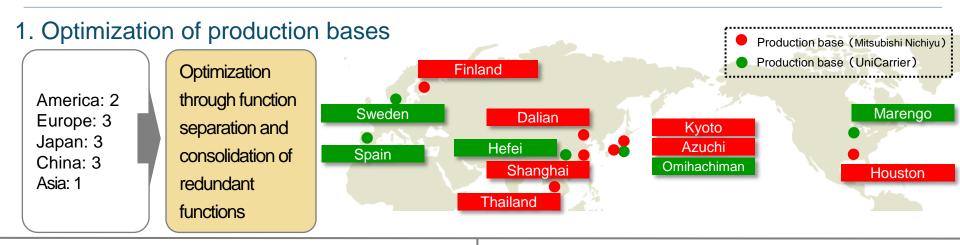
Logistics solutions market is expanding rapidly. (unmanned operation, automation, energy savings, higher safety, etc.)

Scale of global B-to-C e-commerce market (unit: trillion USD) [Country breakdown (2015)]



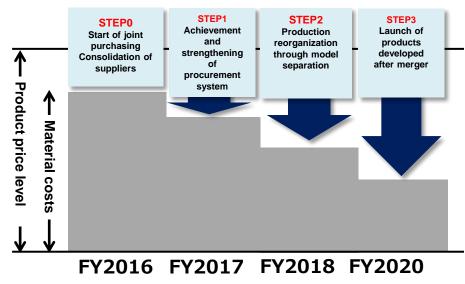
3-3. Implementation of PMI(M-FET) - Progress Status



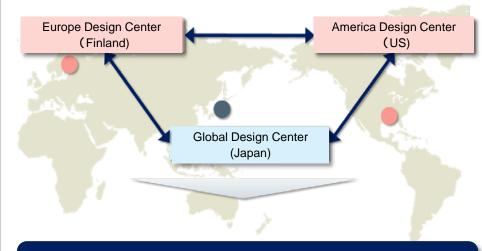


2. Cost reforms through procurement system reinforcement

Achievement and strengthening of procurement system through integration / Separation of models / Cost reforms achieved through market launch of products developed after merger



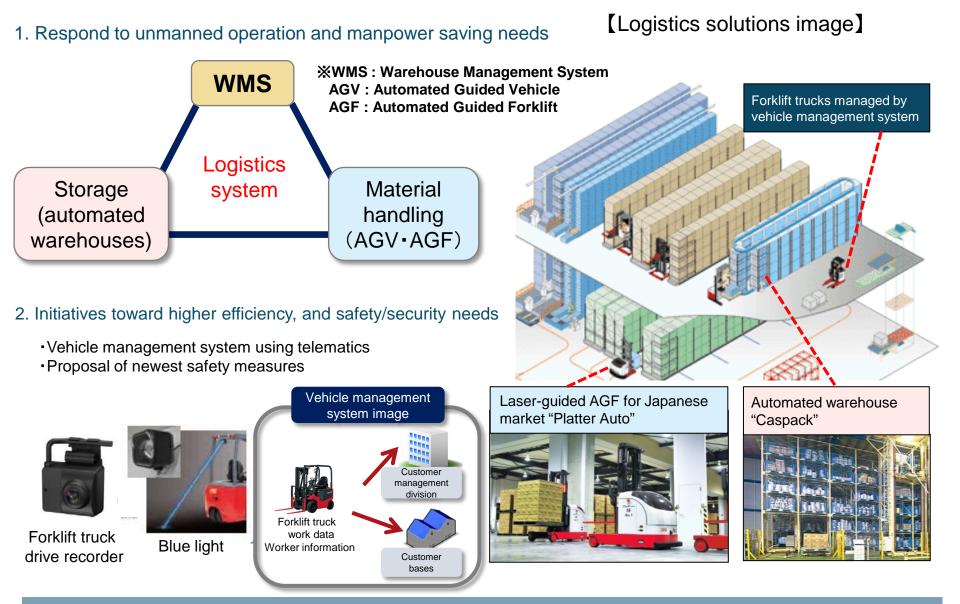
3. Reinforcement of global development structure



Starting from development structure, accelerating globally unified operation and implementing multi-brand/global strategies

3-3. Implementation of PMI(M-FET) - Growth Areas

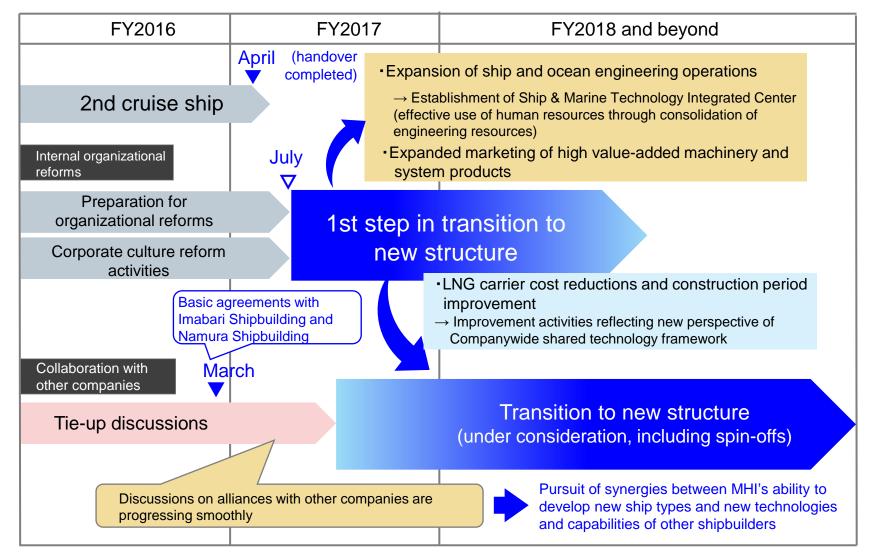




3-4. Structural Reforms in Commercial Ship Business



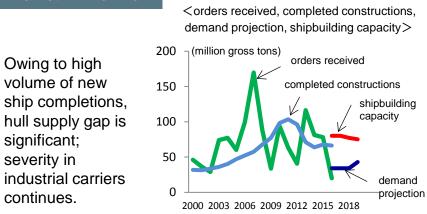
[Business Structural Reforms Timetable]



3-4. Structural Reforms in Commercial Ship Business – Transition to New Structure



Market Environment

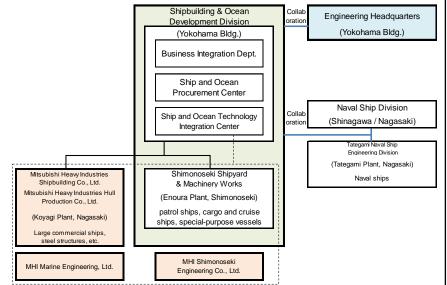


- •Gas carriers Despite delays in LNG development projects amid falling oil prices, projects in East Africa and Canada's west coast, together with replacement demand for existing ships.
- •Govt. ships Some demand, especially for patrol ships.
- ROPAX Replacement demand exists both in Japan and overseas. In Europe especially, there are some 150 ships older than 20 years.
- Ship & Demand exists to respond to energy saving and tightening of environmental regulations e.g. exhaust gas in tandem with SOx regulations applying to all global waters starting in 2020.

Transition to New Structure

As the 1st phase in the transition to a new structure, reorganization will be implemented in July 2017.

- $\rightarrow\,$ Clarification of structure of responsibility for business execution functions
- Reinforcement of core engineering business through consolidation of following functions at Yokohama Bldg. and ties with Engineering Headquarters
 - Business integration
 - · Unified integration of engineering resources
 - Project management
 - Implementation of cost reductions through procurement reforms
- 2) 2nd phase is under consideration.
 - MHI Ship & Ocean Business Structure (as of July 1, 2017)

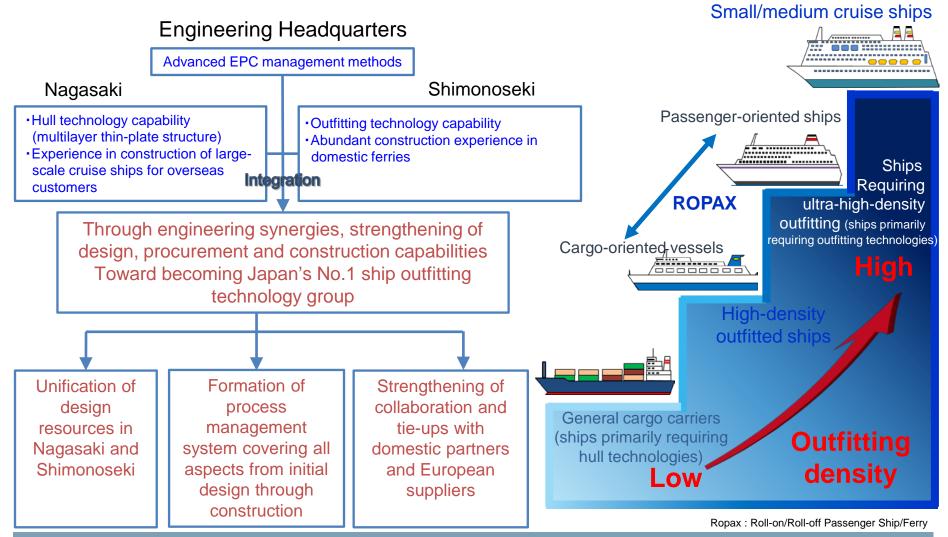


Ropax : Roll-on/Roll-off Passenger Ship/Ferry

3-4. Structural Reforms in Commercial Ship Business - Initiatives for Ships Primarily Involving Outfitting Work



Applying the experience in complex ship engineering acquired through cruise ship construction, response capability will be strengthened and differentiated in ROPAX, small/medium cruise ships, and special purpose vessels. Step by step, response will be made for extremely high-density outfitted ships.



3-4. Structural Reforms in Commercial Ship Business - Expansion of Ship & Ocean Engineering Business



Expansion of business scope leveraging the Company's strengths in ship & ocean engineering
 → Promotion of alliances with other companies

Initiatives in new fields through cooperation with other domains

Hull form development engineering

Leveraging ability to develop ship types, provision of energy-saving type ships responding to greenhouse gas regulations

Floating LNG thermal power plants

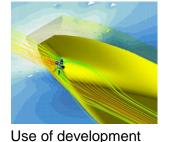
Needs exist in Southeast Asia, etc. because of ability to minimize land facilities and change their location.

Provision of total solutions in LNG thermal power plants by integrating shipbuilding & marine technologies with plant engineering, etc.

SOx scrubber system

From 2020, regulations on SOx discharge will be strengthened for all global waters. (adopted by International Maritime Organization [IMO])

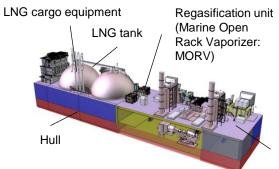
Development and supply of scrubber systems that remove SOx from exhaust gas, as a substitute for use of low-sulfur fuels



tools



One of world's largest private-sector testing tanks

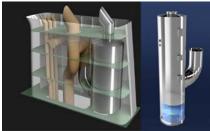




MORV

Gas turbine combined cycle power plant

MHI Floating Power Plant (MFPP)



SOx scrubber tower (right) and equipment installed in smokestacks (example)

3-4. Structural Reforms in Commercial Ship Business





LNG carrier construction is adversely affected by cost deterioration and delayed work schedules caused by late receipt of materials, etc. Improvement measures are being implemented, incorporating the perspective of the shared technology framework.



Issues	Measures		
Shorter engine-related lead time	 Rearrangement of medium-term plans for production areas and work schedules according to equipment deliveries; shorter work periods by reviewing staff Streamlining of manufacturing processes through fine segmentation of work processes and application to project management 		
Shorter tank-related lead time	 Improvement and reinforcement of existing facilities, enhancement of production capacity through input of technicians Analysis of work processes, including partner companies. Standardization of shortest work processes; carried out and unified at all companies. 		
Shorter dock-related lead time	 Improvement of relations through work process analysis Reinforcement by bringing in internal and external staff to processes experiencing bottlenecks 		

3-5. Enhancement of Engineering Synergies



	3 Strategies	
1	Enhance project management capabilities, as core competence of engineering business, and control QCD (Quality, Cost, Delivery)	QCD control
2	Apply project management capabilities of engineering business to new/development/pilot projects of other businesses and interdivisional projects	(see next page)
3	Accelerate digitalization for product competitiveness with core technologies of control and communication, and expand business fields	Digitalization (see page 32)

	EPC	Integral products	Medium-volume modular products High-volume modular products
Large	Sys	nsportation stems Intal Systems	
← Project scale → Sm	1) QCD control in engineering bus	sinesses Next-generation ERP automated warehouses Air-conditioning & refrigeration Air-conditioning & refrigeration Air-Condition Systems 2) QCD control in new/development/pi	ITS Handling Equipment ioning & Refrigeration Engines Dilot projects of other
all	•	businesses and interdivisiona 3) Acceleration of digitalizatio	

3-5. Enhancement of Engineering Synergies – QCD control 🙏 MITSUBIS

October 2016: Report of Cruise Ship Business Evaluation Committee

Organization behavior not asking for other divisions' support Insufficient policies and essentials for project implementation Insufficient QCD control capabilities

Insufficient monitoring of cost and schedule

March 2017: Formulation of "Companywide Project Implementation Essentials"

Knowledge sharing of project management for Engineering Headquarters

Support of project implementation by Engineering Headquarters

Metals

Machinery

Mechatronics Systems

, Industrial & Precision Instruments

FY2017 measures

Project administration	Project organization IT		IT system	T systems		
Deployment of project management methods	Support for establishment of matrix type organization for projects		Visualiza project	··· · · · · · · · · · · · · · · · · ·		
QCD risk control and secure project implementation						
Engineering businesses	Commercial Ships	New/Development/ Pilot projects	Inter	Interdivisional projects		
Chemical Plants Land Transportation Environment		Filot projects		Material Handling Equipment	Air-Conditioning & Refrigeration	

Cruise Ships

(small/medium scale)

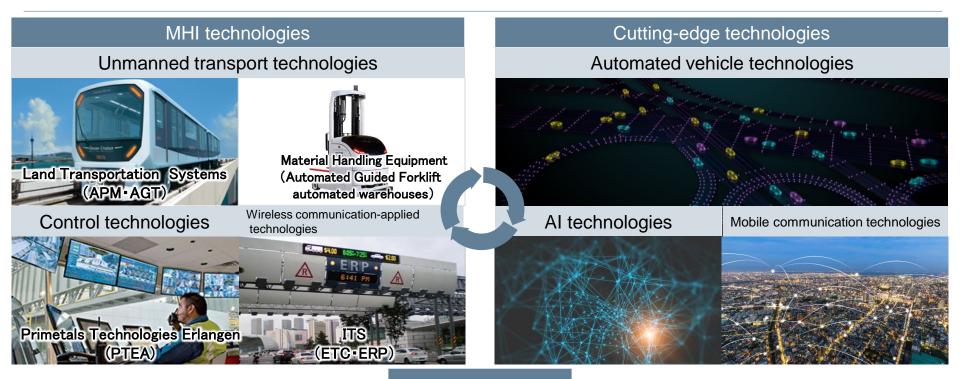
Next-generation

ERP

Systems

Engines

3-5. Enhancement of Engineering Synergies – Digitalization 🙏 MITSUBISH



Acceleration of digitalization



1. Business Overview

2. FY2017 Business Policies and Strategy

2-1. FY2016 Summary & FY2017 Outlook

2-2. Business Strategy

3. Individual Business Strategies

- 3-1. Concentration into Core Competencies
- 3-2. Strengthening of Core Businesses
- 3-3. Implementation of PMI
- 3-4. Structural Reforms in Commercial Ship Business
- 3-5. Enhancement of Engineering Synergies

4. Summary

NDUSTRIES

4. Summary



1) Achieving Targets

Implement all measures to achieve FY2017 targets (net sales: ¥1.85 trillion / operating income: ¥85 and target further expansion of both sales and income .

2) Securing Profitability

- 1) Complete all restructuring and integration activities small/medium scale businesses within this fiscal year
- 2) Pursue highly profitable structure through accelerated and anticipated implementation of PMI at Primetals and M-FET
- 3) Strengthen earning capacity in Commercial Ships implementing various measures for LNG Carriers
- 4) Increase operation income reinforcing project management and risk management through consolidation of engineering businesses

3) Business Expansion and Growth

- 1 Sustain growth in core businesses
- 2 Expansion through resource management in engineering businesses
- 3 Create and develop new businesses fields through engineering synergies

MOVE THE WORLD FORW>RD

