MOVE THE WORLD FORW>RD MITSUBISHI HEAVY INDUSTRIES GROUP

Transition to Global Group Management

October 31, 2018 Mitsubishi Heavy Industries, Ltd. Shunichi Miyanaga, President and CEO

Mitsubishi Heavy Industries, Ltd.



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- 1. Medium- and Long-Term Challenges to Achieving Growth ···· P.3~7
- 2. A New Step toward a Growth Trajectory ··· P.8~12
- 3. Transition to Global Group Management ···· P.13~17
- [Reference 1~6] ···· P.18~24

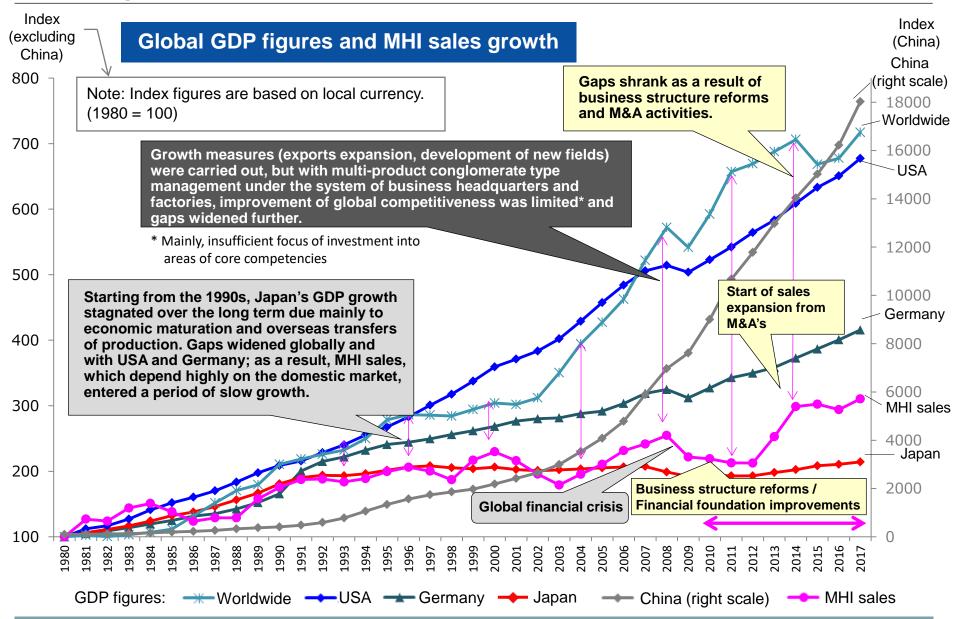


1. Medium- and Long-Term Challenges to Achieving Growth

- (1) Structural Changes in External Environment ···· P.4~5
 - Long-Term Slow Sales Growth from Maturation of Japanese Market / Economy and Other Factors
 - Decelerating Growth Rates of Core Infrastructure
 Businesses
- (2) Decreasing Orders in Thermal Power Business and Delayed Development of Growth Businesses ···· P.6
- (3) Medium- and Long- Term Challenges (Summary) ···· P.7
 - Globalization and Entry into Growth Areas

1-(1) Structural Changes in External Environment -Long-Term Slow Sales Growth

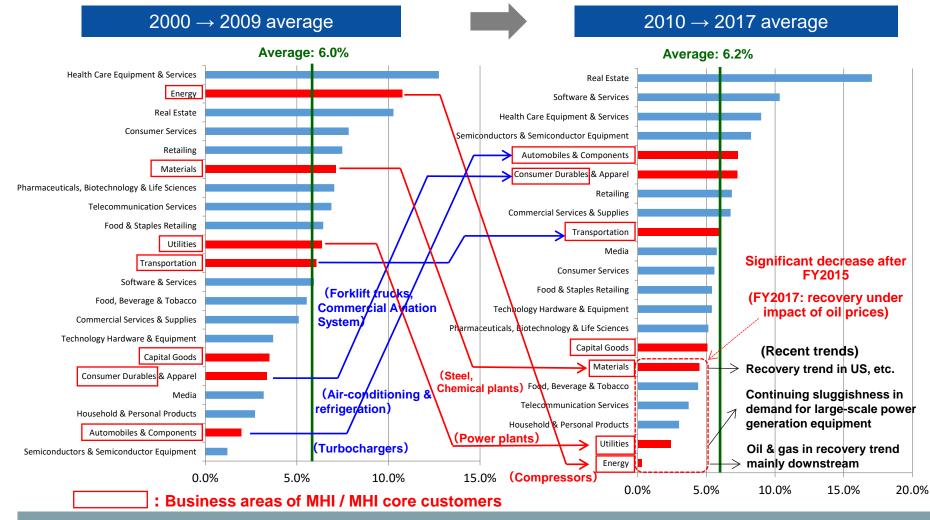




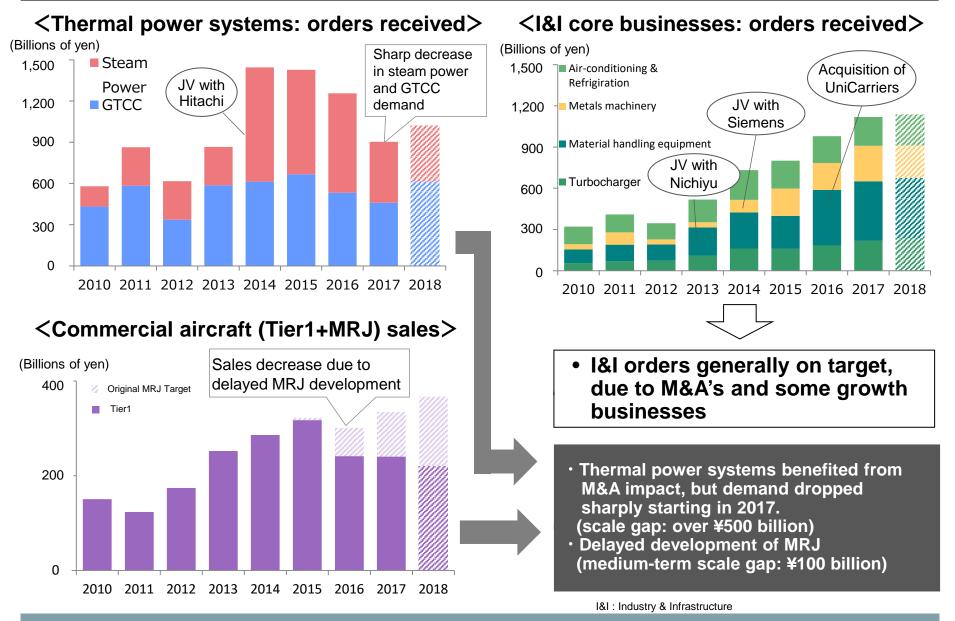
1-(1) Structural Changes in External Environment -Decelerating Growth Rates of Core Infrastructure Businesses

Annual sales growth by sector* \rightarrow Major changes in recent 10+ years

- * Industry classifications: GICS (Global Industry Classification Standard) / 21 industries (financials excluded)
- * Target companies: Japanese, North American, European, Chinese and ASEAN stock-listed firms (19,564 companies)

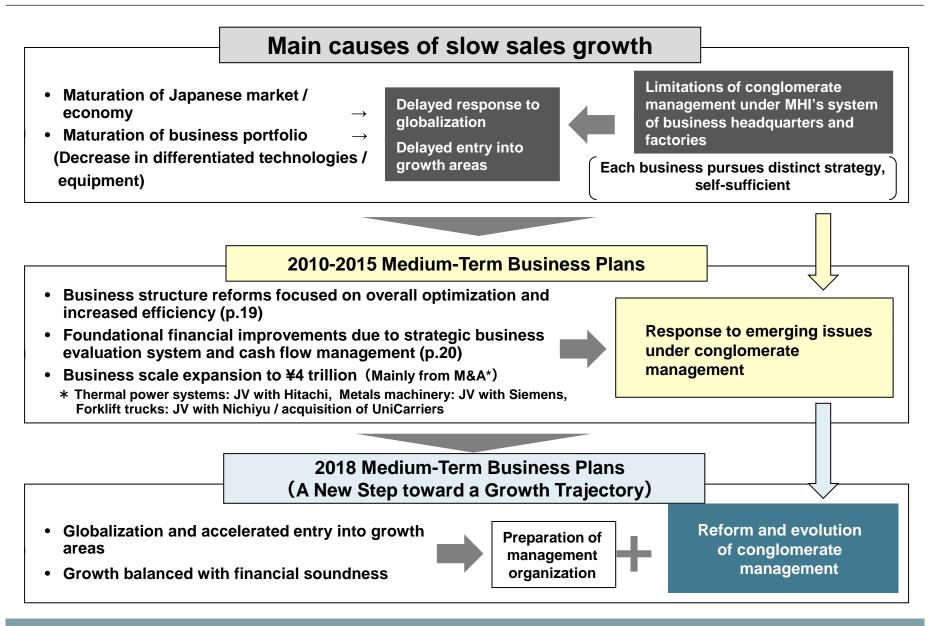


1-(2) Decreasing Orders in Thermal Power Business and Delayed Development of Growth Businesses



1-(3) Medium- and Long- Term challenges (Summary)



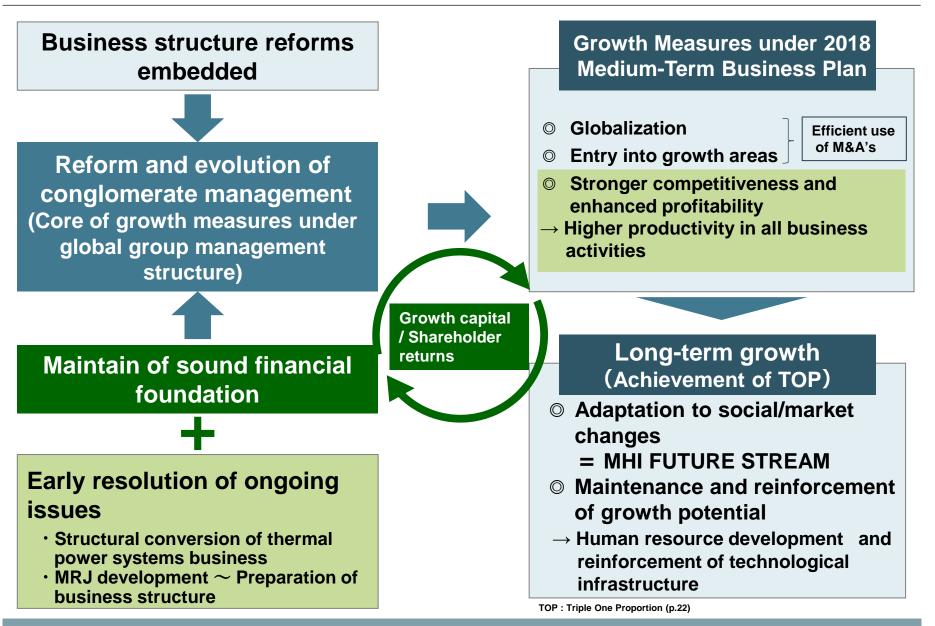




2. A New Step toward a Growth Trajectory

- (1) Growth Strategy under 2018 Medium-Term Business Plan ···· P.9
- (2) Reform and Evolution of Conglomerate Management ···· P.10
- (3) Categorization Based on Business Characteristics ···· P.11
- (4) Bar chart of major measures ···· P.12

2-(1) Growth Strategy under 2018 Medium-Term Business Plan 🕺 MITSUBISH



2-(2) Reform and Evolution of Conglomerate Management 🙏 MITSUBISH

Proactive use of management resources

- Greater fluidity through major consolidation (domain system)
- Business categorization* + Division between globally based businesses and businesses based in Japan

* Major markets / regions, competitive format trends, business bases, investment return cycle, etc.

Growth balanced with financial soundness

- Shorter investment return cycle (correction of business structure heavily dependent on made-to-order products with long return periods)
- \rightarrow Growth of mass and medium lot manufacturing businesses
- \rightarrow Strengthening of service-oriented businesses
- Cash flow management and efficient balance sheets

Reform and evolution of conglomerate management

- Simultaneous attainment of stability and growth
- Balance between independent SBU management and group synergies
- Flexible, swiftly responsive management

Advanced portfolio management

- Sustained growth capability through continuous recalibration of business portfolio
- Improvement of strategic business evaluation system
- \rightarrow Synergies between businesses, incorporation of medium/long-term cash flow trend evaluation, etc.

2-(3) Categorization Based on Business Characteristics (Applied to years of 2018-2021 Business Plans)



	Domestically based businesses (approx. ¥1.7 trillion)			Globally based businesses (approx. ¥2.4 trillion)			
Business type	I - 1 Regulated/ cutting-edge	I - 2 Mature & niche/ Reform	I - 3 Export/Reform	II - 1 Developing/ expanding	II - 2 Mature/mid-tier	Ⅲ Large-scale/ Reform	
Component businesses : Power Systems : Industry & Infrastructure : Aircraft, Defense & Space	Defense, space Nuclear power	Machinery systems Machine tools* Commercial Marine ships machinery*	Aero engines Engineering (EPC) Commercial Aviation	Material Handling Equipment Engines Compresso	Air-conditioning refrigeration Metals machinery Turbocharge	Thermal power systems	
Total business scale (Medium-term trend, 3-6 years)	¥680bn (stable or slight increase)	¥390bn (nearly flat)	¥650bn (gradual expansion)	¥600bn (recovery or gradual increase)	¥670bn (recovery or gradual increase)	¥1,150bn (stagnation or Settled at a given level)	
Overseas sales ratio	3~4%	5~40 <mark>%</mark> %	75~100%	55~90%	60~90%	60%	
Overseas personnel ratio	0%	0~30%	0~25 [☆] %	15~30%	70~90%	25%	
Business characteristics	•Oriented to Specific customers: government agencies and power companies •Long-term recovery type businesses	Mainly domestic market Mature & niche business Wide fluctuations in demand	Oriented to specific customers Export businesses Established business model	Oriented to global markets High-volume or made-to-order production (standardized products)	Oriented to global markets Mainly overseas production, established business model Portfolio contains differentiated products	Oriented to global markets Large-scale development by major manufacturer /Long- term recovery type businesses	
Challenges and solutions	Expansion of security / space-related businesses Steady exports expansion French-Japanese collaboration in nuclear power		 Preparation of business structure after MRJ development Structure conversion of engineering business 	Increased overseas production and business expansion through alliances	Stronger human resources for global management Early action aimed at next growth area / technology	\cdot Structural market change resulting from CO ₂ issues and renewable energies	
	Steady growth measures		of profitability nt activities	Steady pursuit of	growth and profit	Radical measures (business structure conversion)	

2-(4) Bar chart of major measures



		2018 Medium-Term Business Plan	2021 Medium-Term Business Plan	FY2024~
Group overall	Management / organization structure	Transition to global group manageme	nt structure (→ P.15~17)	
		Reform and evolution of conglome	erate management	
		(enhancement of portfolio manager between growth and financial sour	-	
	Market / technology	Mega Scan (search / evaluation of g	growth and new areas) Mega Scan(R	eview)
	areas "MHI FUTURE STREAM"	Shi	ft the Path	New Shift the Path
	Growth	Maintenance and reinforcemen	t of strategic technological infrastructure	
		Talent management (developme diversification of management p	Sustain	
		Enhancement and optimization of ove	erall value chain using digital technology	$\left\{ \longrightarrow \right\}$
Issue resolution	MRJ	Development / delivery(MRJ 90)	Launch of MRJ70 Improvements a	nd further development
		Ucorgonization	cement of high-volume production and customer services	
	Thermal	Use of abundant backlog and smo	oth promotion of structure conversion	
	power	Expansion of growth areas such	as services / solutions	

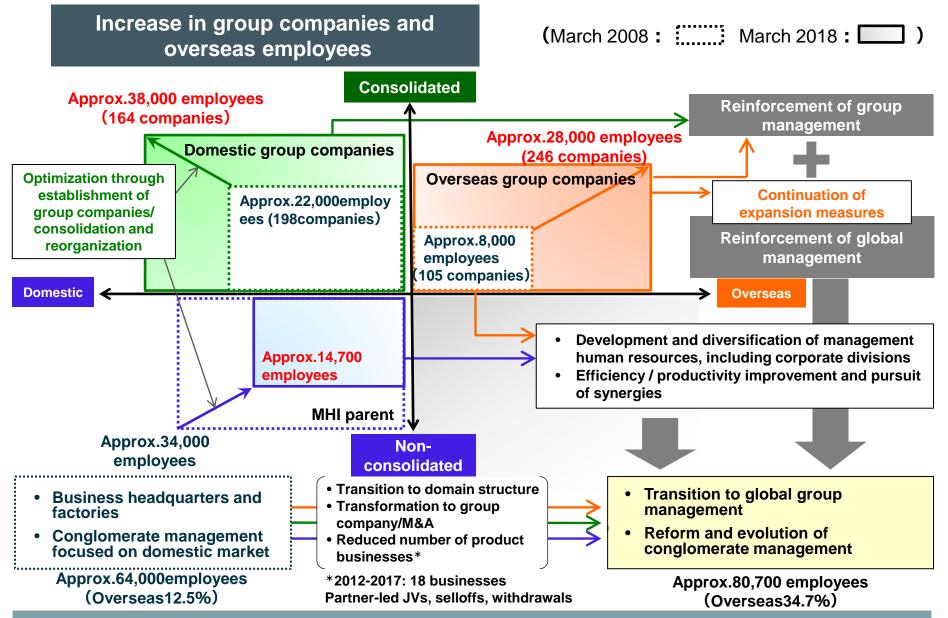


3. Transition to Global Group Management

- (1) Current Organization and Personnel Distribution ··· P.14
 Increase in group companies and overseas employees
- (2) Distribution of Major Company Functions ···· P.15
- (3) Organization Structure and Targeted Management System ···· P.16
- (4) Outline of Transition Process ···· P.17

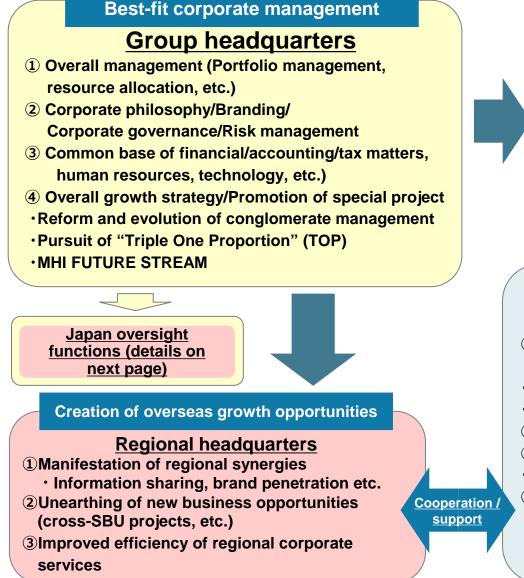
3-(1) Current Organization and Personnel Distribution





3-(2) Distribution of Major Company Functions





Domains

- 1 Manifestation of synergies among businesses
 - •Resource adjustment, Sales information sharing
- **②** Compilation of all domains' information

Expansion of autonomous management/Business value improvement

Business divisions, business companies

①Autonomous business management

(based on approved Medium-Term Business Plan)

- Business strategies, resource management
- Sales/Service, Production/Procurement

2Risk management

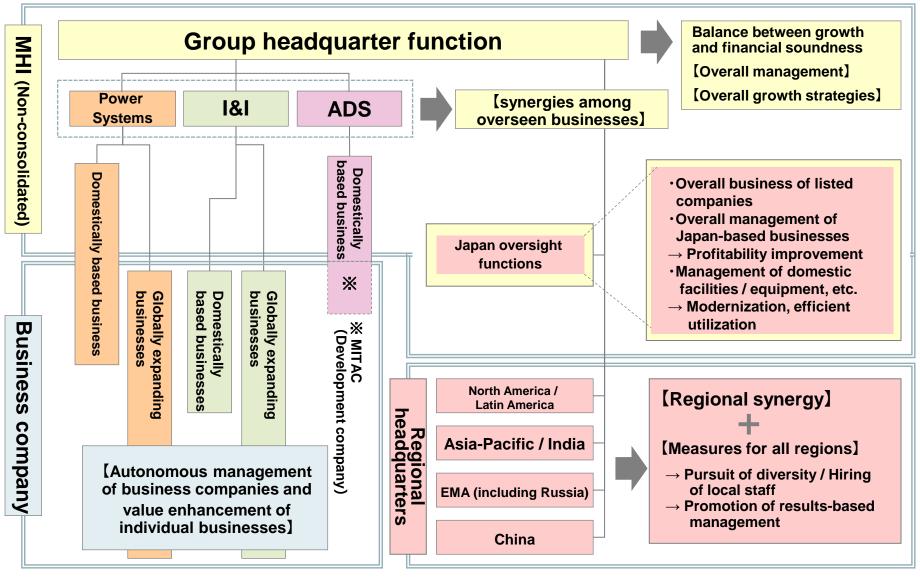
- **③Corporate operations**
- Management according to business characteristics

④Human resource management

(Hiring and HR development in cooperation with Group Headquarter)

SBU : Strategic Business Unit

3-(3) Organization Structure and Targeted Management System 🙏 MITSUBISH



I&I : Industry & Infrastructure

ADS : Aircraft, Defense & Space

MITAC : Mitsubishi Aircraft Corporation

EMA: Europe, Middle East, Africa



	2018 Medium-Term Business Plan			2021 Medium-Term Business Plan			
	January-March 2019	FY2019	FY2020	FY2021	FY2022	FY2023	
Structure / S	Relocation to Marunouchi, Tokyo Preparation of initial structure	 Reinforcement of recompany functions Business expansion North American and Profitability improver businesses 	ness expansion of businesses in h American and Asia-Pacific regions itability improvement of Japan-base nesses forcement of group management> paration of Group Head Office tions		I group management		
System	Personnel	system		1			
Ä	(pre	paration)	(trial implem	entation)	(review and	adjustment)	
	Financial,	accounting and tax	ĸ				
		enhancement of glo on of application of		ment			



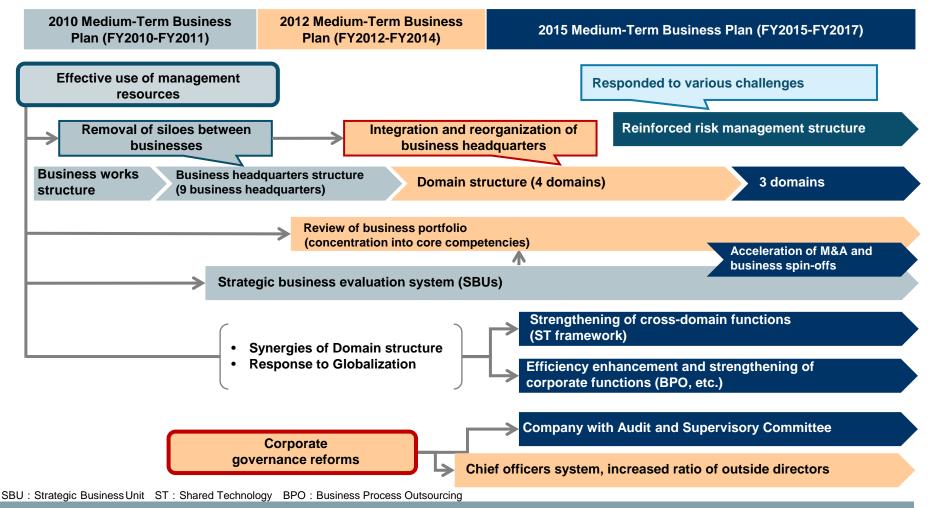
Reference

- 1. Roadmap to Completion of Business Structure Reforms ···· P.19
- 2. Improvement of Financial Foundation ···· P.20
- 3. Improvement of Business Process through Business Structure Reforms ···· P.21
- 4. TOP (Triple One Proportion) ···· P.22
- 5. MHI FUTURE STREAM ··· P.23
- 6. New Business Areas in the Energy Field (examples under consideration) ···· P.24

Reference #1 Roadmap to Completion of Business Structure Reforms



- Completed organizational/structural reforms over 8 years, starting from 2010 Business Plan.
- Almost completed corporate governance reforms launched in 2012 Medium-Term Business Plan.

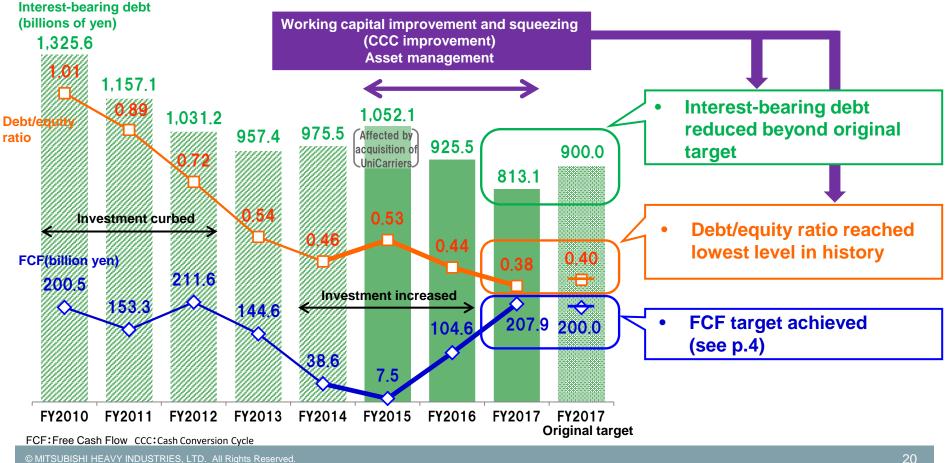


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Reference #2 Improvement of Financial Foundation



Financial foundation strengthened beyond target, reaching a healthy level • through measures including cash flow management, asset management, etc.



Reference #3 Improvement of Business Process through Business Structure Reforms



Structural and directional improvements / activities

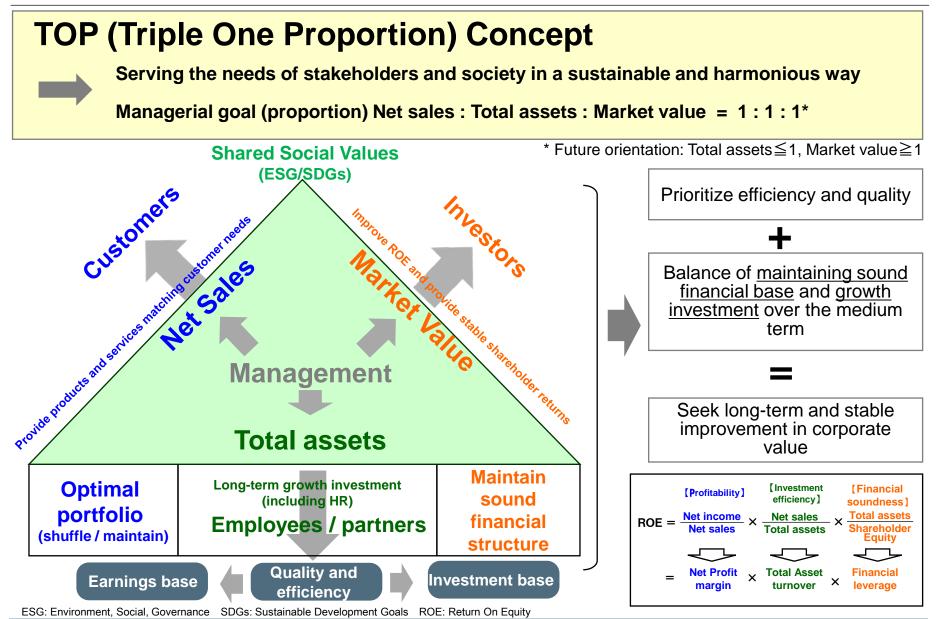
Business Area	Achievements	Globalization, outside collaboration	Increased productivity IoT / Al	Future Direction		
Marketing	Development of cross-SBU projects overseas	0				
	Achievement of advanced customer services (O&M support system, etc.)	0	0	Operationalize and enhance process improvement outcomes		
	Long-Term Growth Vision (future stream) activities (p.27)	0				
	Improvement of companywide sales and service education systems	0				
	Expanded open innovation with global CoEs	0				
	Engineering talent management system	0		Nurture global managers		
Technology	Digitalization of production processes	0	0			
	Configuration of common component code system		0	Strengthen new business creativity and integrate state- of-the-art technologies		
	Introduction of global financial and accounting policies	0				
Finance	Expanded operation of global cash management	0	0			
	Introduction of IT/automation of monitoring of business status, enhanced business process efficiency through RPA		0	Broad application of		
	Configuration of HR data base and use in planning successors	0	0			
HR HR:Human Resources	Unification of business processes and systems		0	digitalization		
_	Consolidation of suppliers, introduction of management tools		0			
Procurement	Reconfiguration of commercial aircraft SCM, Reform of procurement processes	0	0			

SBU: Strategic Business Unit O&M: Operation & Maintenance COE: Center of Excellence RPA: Robotic Process Automation SCM: Supply Chain Management IoT: Internet of Things AI: Artificial Intelligence

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Reference #4 TOP (Triple One Proportion)

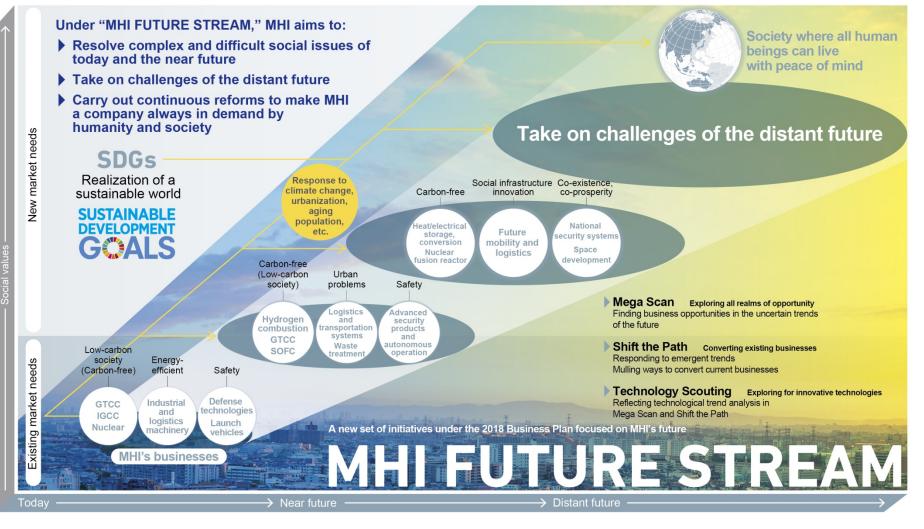




Reference #5 MHI FUTURE STREAM



MHI FUTURE STREAM In step with social evolution



GTCC: Gas Turbine Combined Cycle Power Plant IGCC: Integrated coal Gasification Combined Cycle Power Plant SOFC: Solid oxide fuel cell



