Management Review of FY2020 Results and Progress with Project Change

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IHI Corporation

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Contents

- Project Change
- Management Targets
- Structural Reforms
 - Expand Lifecycle Businesses
 - Shift Resources
 - Strengthen Cost Structure
- Business Structure Reforms
- Growth Business Creation
 - Progress in Deploying Carbon Solutions
 - Conservation, Disaster Prevention, and Disaster Mitigations
 - Progress Structure for Creating Growth Businesses
- Investment Stance
- Summary







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Project Change

lanagement Targets

Structural Reforms

Business Structure

Growth Business

Summarv

Operating Profit

IHI

FY2020 results

- Civil aero engine revenue and earnings plunged owing to pandemic
- Increased earnings on expanding lifecycle businesses and strengthening cost structure, principally in Resources, Energy and Environment

FY2021 forecasts

	FY2020	FY2021 forecasts
Revenue	¥1,112.9 billion	¥1,180 billion
Operating profit	¥27.9 billion	¥70.0 billion
Operating profit margin	2.5%	5.9%
Profit attributable to owners of the parent	¥13.0 billion	¥35.0 billion

Investment Stance

 Despite aviation demand recovery being slower than initially anticipated, reinforce revenue base to generate ¥70 billion in operating profit



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5



Civil aero-engine business operational policy Reinforce cost competitiveness and build lean structure that matches demand fluctuations



Management Structura **Business Structure Growth Business** Project Change **Investment Stance** Targets Reforms **Expand Lifecycle Businesses** IH Lifecycle business revenue up 13% year on year **Results** (except in Aero Engine, Space and Defense business) <u>Challenges</u> Expand across Group and deploy globally Repair key power plant boiler parts made by other companies in Indonesia Use e-commerce framework to offer swift 20 years of operations and maintenance service for biomass power plants service responses **Boost lifecycle** business revenues by Capture robust demand for bridge Expand remote support employing information maintenance work in Japan 30% and communications technology Site Share of video and audio, and instructions by Propose inspections and text and drawing are available. Home replacements based on equipment damage data analysis Remote Support Service

Structural reforms

- Establish Lifecycle Business Digital Transformation Department to drive change and expansion
- Expand lifecycle businesses by sharing and shifting resources across operations





Project risk management: Eliminate downside risks

- Completed deliveries for large projects with which risks were concerns
- Scrutinized risks of small- and mid-scale projects from formation stages



Smart Work Empowerment Division spearheading business reforms

- Create work environments that are free of distance and location restraints through teleworking becoming the norm
- Automate processes

Disseminate policies

Dialogue between management and employees to share issue awareness



culture that encourages employees to embrace new challenges







Undertake carbon capture and storage and carbon dioxide valorization to streamline transition from hydrocarbon-centric economy



Anticipated energy source balance by around 2050

Progress in Deploying Carbon Solutions

Structural

IHI Group's efforts

Business Structure

Results

Project Change

Accelerated business development in energy field to eliminate carbon emissions Progressed in mulling businesses to expand use of fuel ammonia Fully engaged in industry-academia-government partnerships

Hydrogen and ammonia

 Undertake joint development with domestic and overseas companies to swiftly establish ammonia value chain and help formulate standards

Management

Targets



Coal and ammonia co-firing



2-megawatt-class ammonia co-firing gas turbine

Renewables and Power to X

· Optimize renewable energy usage controls



 Explore high value-added carbon-derived materials after methane, olefins, and e-fuel

Carbon recycling



Investment Stance

Methane, olefin, and e-fuel conversion



Growth Business

Carbon capture and utilization technologies Hydrogen production



Carbon capture

Efficient mobility

Fuel cell powertrains



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Summary



*NEDO: New Energy and Industrial Technology Development Organization of Japan Copyright © 2021 IHI Corporation All Rights Reserved.



Results Establ		ond existing business framework ology Management Headquarters EO (on April 1, 2021)
	then ability to anticipa adopt business scen	te changes in operating environment and arios
Jap	an	Overseas
2050 Carbon Neu	tral Declaration	Long-term national strategies
Green Growth Strategy industrial policy		Climate change measures Low-carbon and decarbonization
Green Innovation Fund development support		Clean growth
		Groan growth

Roles of Strategic Technology Management Headquarters

Under IHI Group's vision for a carbon neutral economy by 2050, formulate long-term growth strategy and roadmap and collaborate internationally to materialize them

Consolidate internal technological development resources based on strategy

Carbon solutions Electrification Swiftly materialize strategy by collaborating with partners worldwide



Water level gauge system

earthquake early

warning receivers

community-based

observation system

Near-infrared spectrometer

and separation camera for

Hayabusa2



 Flexibly transfer fixed assets in line with major funding needs to transform business portfolio



Mobilize the collective strengths of the IHI Group to drive sustainable growth

Swiftly return to a growth trajectory by reinforcing our cost setup, expanding lifecycle businesses, reforming our business structure, and enhancing our ability to generate cash while becoming more competitive to capitalize on an anticipated demand recovery

Formulate a roadmap to create and rapidly deploy growth businesses that resolve social issues

