

2024 Medium-Term Business Plan Progress Briefing

Mitsubishi Heavy Industries Corporate Strategy

May 28, 2025 Eisaku Ito, President & CEO

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During today's briefing, I will provide an update on our progress under the 2024 Medium-Term Business Plan (MTBP) and outline MHI's corporate strategy.

2024 Medium-Term Business Plan Progress and Corporate Strategy



Review of FY2024

- Our 2024 Medium-Term Business Plan (MTBP) aims to leverage our strengthening business and financial foundations to balance business growth with further profitability improvements
- During FY2024, we achieved historic highs in order intake, revenue, business profit (profit from business activities), and cash flow. Order
 intake mainly in the Growing Core Businesses within Energy Systems and Defense greatly exceeded our plan, causing order backlog to
 surpass ¥10 trillion.
- Moreover, we are also starting to see positive results from various initiatives, including those aiming to expand services and improve productivity

Business Environment

- Outlooks are uncertain due to concerns about a global economic downturn caused by trade policies, as well as uncertainty in security frameworks
- In addition, Carbon Neutrality policies have become more rational, and understanding of the need for a pragmatic Energy Transition tailored to regional characteristics has taken root
- While preparing for this uncertainty, MHI will respond flexibly to changes in the markets in which we operate as we seize and create new business opportunities

■ Corporate Strategy

- MHI will respond to the changing needs of society and our customers by combining fundamental technologies with cutting-edge expertise and the diverse value we provide to our customers
- · We will make large contributions to the advancement of society by creating new value unconstrained by preconceived ideas
- We will implement the new concept of Innovative Total Optimization, aiming to achieve Group-wide optimization and scope expansion with unprecedented speed
- · We will realize a virtuous cycle of high profitability and growth investments in the medium to long term

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2024 Medium-Term Business Plan Progress and Corporate Strategy



Innovative Total Optimization

MHI provides a wide variety of products and services to a diverse set of customers. At the same time, we have integrated experience, technology, IT systems, and groups of experts into a common platform. There is no other company in the world that combines this level of product diversity with a common platform in quite this way.

We believe we can create significant innovation by drawing out the potential of MHI Group with Group-wide optimization and expansion of the scope of value provided by our diverse businesses in terms of both quality and quantity.

Innovative Total Optimization is a methodology reflecting this approach. It consists of the following two items:

(1) By implementing **Group-wide optimization from two perspectives** (vertical and horizontal), we will improve productivity and increase profitability

(Vertical) Optimize all value chains within business units

(Horizontal) Achieve functional interconnection between business units

By so doing, we aim to halve the lead times of all operations and realize high profitability

- (2) Provide new value to exponentially more geographies and customers, and expand our scope of work.
 - ·Create new value by anticipating potential needs and making smart connections between diverse product areas
 - ·Use licensing, strategic partnerships, and IT technologies to rapidly reach new customers and regions
 - By combining these approaches, we will provide new value to exponentially more customers.

I tested out this methodology during my five years as CTO and demonstrated its effectiveness.

Today, as our business environment undergoes major changes, is the perfect time to make use of this methodology.

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2024 Medium-Term Business Plan Progress and Corporate Strategy



■ Initiatives for Achievement of 2024 MTBP

Growing Core Businesses

- We will enhance business execution capabilities by increasing resource deployment, steadily delivering products and services to our customers
- · We will aggressively and rationally execute R&D and capital expenditures in preparation for the future of the company

Future Growth Areas

- \cdot We have launched a one-stop-shop solutions business in the expanding data center market
- In the Energy Transition businesses, we will accelerate development focusing on economics and energy security, which are issues standing in the way of widespread implementation

Businesses Requiring Competitiveness Enhancements

- We will explore new business opportunities by utilizing digital technologies and enhancing services
- · We will work to optimize businesses a way that suits individual business environments and the unique characteristics of those businesses

In addition to these initiatives, we will pursue further growth opportunities through strategic partnerships and inorganic investments

Conclusion

- \cdot We will steadily implement initiatives to achieve the 2024 MTBP
- · As changes are expected in the business environment, we will strengthen our ability to respond promptly to signs of change
- $\boldsymbol{\cdot}$ By implementing Innovative Total Optimization, we will achieve large, sustained growth

May 28, 2025

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Total Optimization

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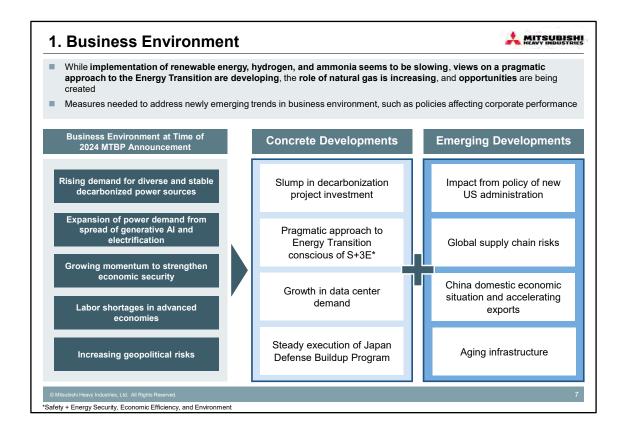
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First, let me begin with the business environment.

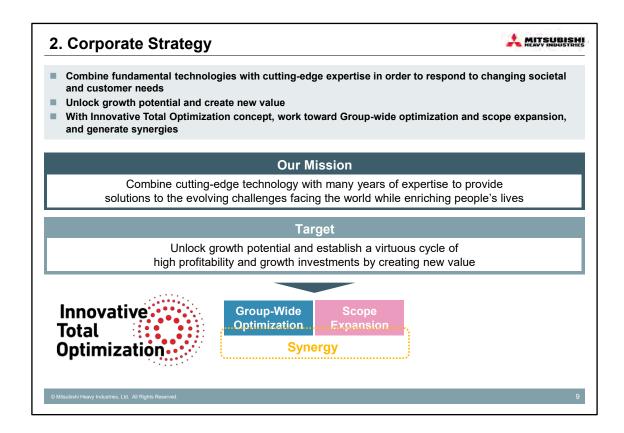


Since the formulation of our 2024 MTBP, there have been some changes in our business environment. While the implementation of renewable energy, hydrogen, and ammonia has shown signs of slowing, pragmatic approaches to the Energy Transition are gaining recognition. As a result, the role of natural gas is expanding, creating new opportunities in areas such as gas turbine combined cycle (GTCC).

We believe it is essential to respond to newly emerging external factors, including policies that may impact our operations.



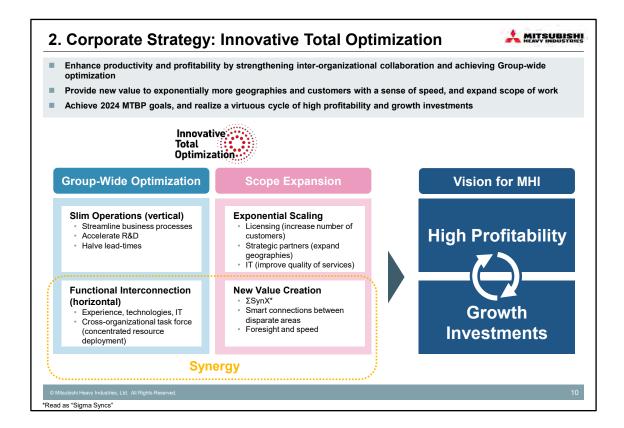
Now, allow me to discuss our corporate strategy within this business environment.



Our mission is to combine cutting-edge technology with many years of expertise to provide solutions to the evolving challenges facing the world while enriching people's lives.

To achieve this mission, our target is to unlock growth potential and establish a virtuous cycle of high profitability and growth investments by creating new value.

As a methodology to enact this corporate strategy, we are implementing an approach we call "Innovative Total Optimization (ITO)," which aims to achieve Group-wide optimization and scope expansion, thereby creating synergy.



The diagram on this page illustrates the ITO concept.

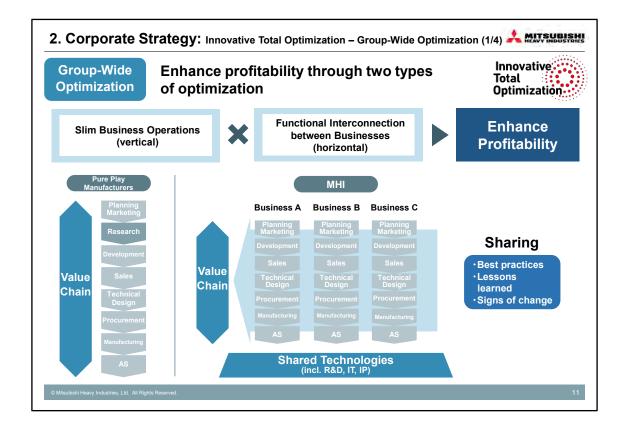
There are two core components to this approach: Group-wide optimization and scope expansion.

Group-wide optimization refers to our efforts to strengthen collaboration within the organization in order to enhance productivity and increase profitability.

Scope expansion involves quickly delivering new value to an exponentially greater number of geographies and customers, thereby expanding our reach.

Through these efforts, we will realize a virtuous cycle of high profitability and growth investments.

Next, I will discuss our initiatives aiming to achieve large, sustained growth.



Now, I will outline Group-wide optimization, one of the core components of ITO.

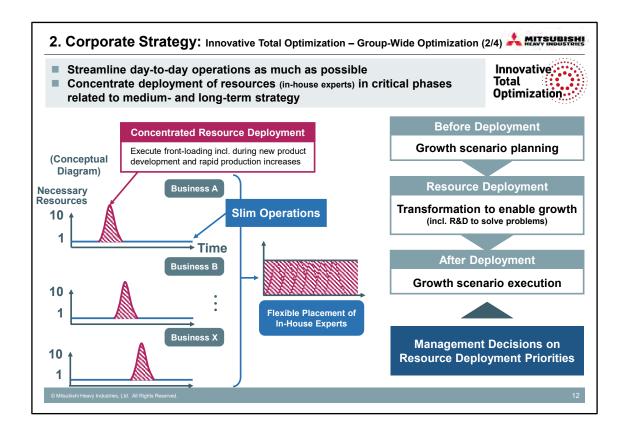
We are approaching Group-wide optimization from two perspectives: vertical and horizontal.

Regarding vertical optimization, our goal is to streamline the entire value chain of each business as much as possible. The main point here is that we have a platform that covers such areas such as R&D, IT, and intellectual property, and which is shared across the Group. Because of this, each business unit can operate in a slim, streamlined manner.

Horizontal optimization refers to functional integration between businesses. By sharing best practices, lessons learned from past failures, and information about early signs of change, we will be able to increase productivity and manage risks.

We intend to increase profitability through the combination of these vertical and horizontal optimization initiatives.

On the next slide, I will speak about the concentrated employment of resources.



MHI's business areas have grown organically in response to societal and customer needs.

Over the years, the fundamental and digital technologies, intellectual property, and other specialist knowledge and know-how being used in our businesses have accumulated in our technical and corporate divisions.

During normal operations, each business unit will streamline its operations as much as possible. Contrastingly, during critical phases related to our medium- to long-term strategy and situations where early risk mitigation is necessary, we will execute concentrated deployment of resources and in-house experts.

Each business unit will formulate a growth plan. As many growth plans will be produced in this way, top management will decide which businesses receive priority in the deployment of in-house experts.

The next slide provides some concrete examples of these initiatives.



In a business environment characterized by rapid and dramatic change, we will work to anticipate potential market needs and leverage fundamental technologies and open innovation.

Then, in three-month cycles, we will engage in rapid, small-scale, iterative hypothesis testing to accelerate development and release products and services more quickly than pure play manufacturers.

One example of this is our automated and intelligent logistics solutions offerings.

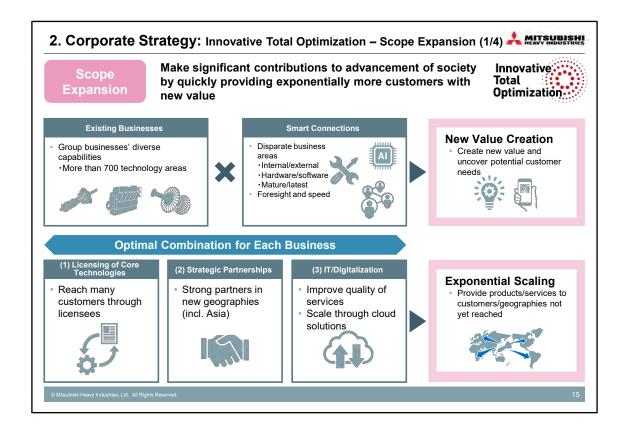
We will implement designs that are easy to manufacture and automate production, halving lead times and addressing our growing order intake.



On this page, I will outline our efforts to functionally integrate our businesses, sharing best practices, including experience, technologies, and IT systems across the Group.

We are expanding our IT system $\Sigma SynX$ (read "Sigma Syncs") Supervision – which was developed first in our Metals Machinery business – to cover other businesses. $\Sigma SynX$ Supervision is a monitoring solution that ensures the safety, security, and ease of use of critical infrastructure.

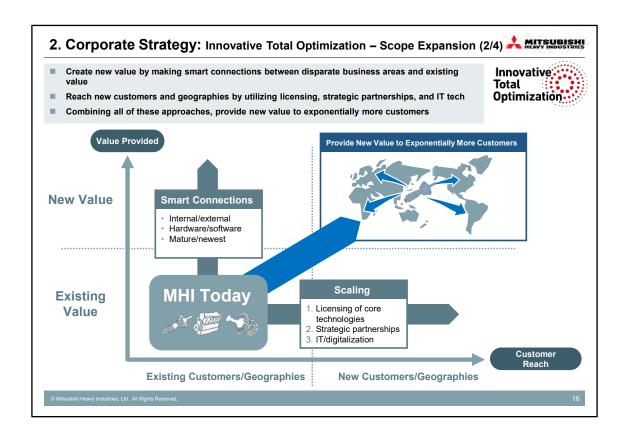
By executing the concentrated deployment of resources, we will reliably seize opportunities and mitigate risks at an early phase.



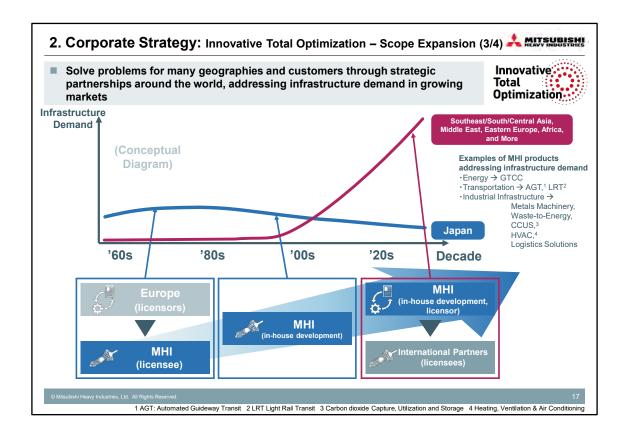
Next, I will discuss our approach to scope expansion, a component of the ITO concept.

First, we will anticipate potential customer needs and, by leveraging the various capabilities of MHI Group, we will make smart connections between disparate business areas, creating new value.

By quickly delivering this new value to an exponentially larger customer base using such tools as licensing, strategic partnerships, and digital technologies, we aim to contribute significantly to the advancement of society.



The graph on this page illustrates the concept from the previous page.



On this page, I will outline our concept of reaching new customers and geographies though licensing to our partners.

In the past, MHI imported technologies from Europe and the US. In the 1990s, we then developed many products in-house and responded to demand for infrastructure in Japan.

Going forward, we intend to contribute to growth in many regions and to solve challenges faced by a wide range of customers by licensing our cutting-edge technologies to partners across the globe.



Next, I will share some examples of where we have expanded reach, creating new value by making smart connections between disparate business areas and capabilities.

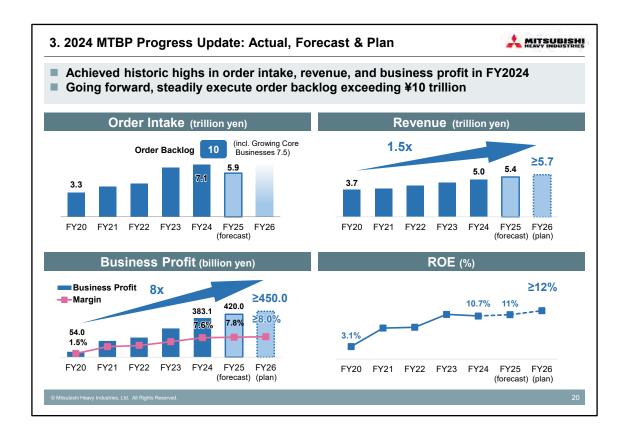
This is Prismo, a next-generation transportation system that has created new value while achieving decarbonization.

To develop Prismo, we made smart connections between our existing automated guided transit system and technologies, digital solutions, and Mission Net Zero initiatives that we had been working on in-house.

By charging rapidly while stopped at stations, we developed a decarbonized mobility product that eliminates power rails between stations and enables simple track designs with excellent views. Prismo also improves energy efficiency and allows for the application of digitalized maintenance solutions.

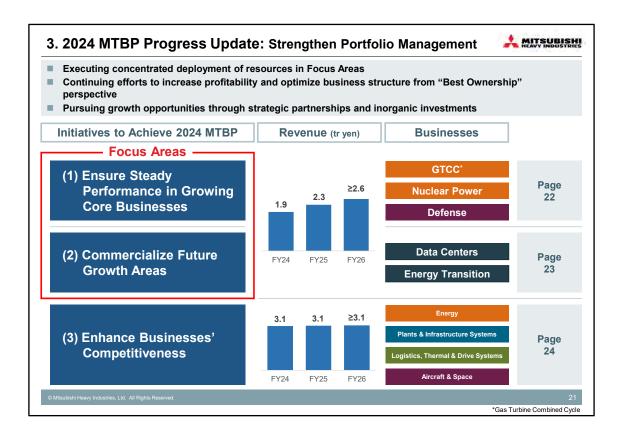


In the next section, I will provide a progress update for our 2024 MTBP.



During FY2024, we achieved historic highs in order intake, revenue, and business profit.

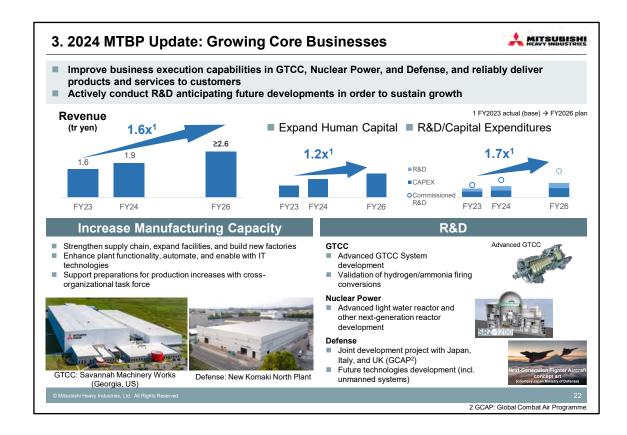
Particularly of note, order intake significantly exceeded our plan. Going forward, we will steadily execute our order backlog, which has exceeded ¥10 trillion.



During the 2024 MTBP period, we will strengthen portfolio management and execute concentrated deployment of resources to our Focus Areas, which are comprised of our Growing Core Businesses and Future Growth Areas.

We will also continue to work on optimizing our business portfolio from the dual perspectives of profitability enhancement and "Best Ownership."

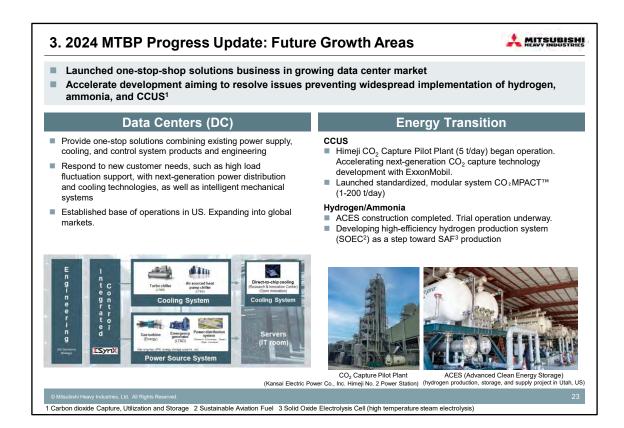
Furthermore, we will pursue growth opportunities through strategic partnerships and inorganic investments.



In our Growing Core Businesses, we are planning to grow revenue by 1.6 times FY2023 levels during FY2026, an increase of ¥1 trillion.

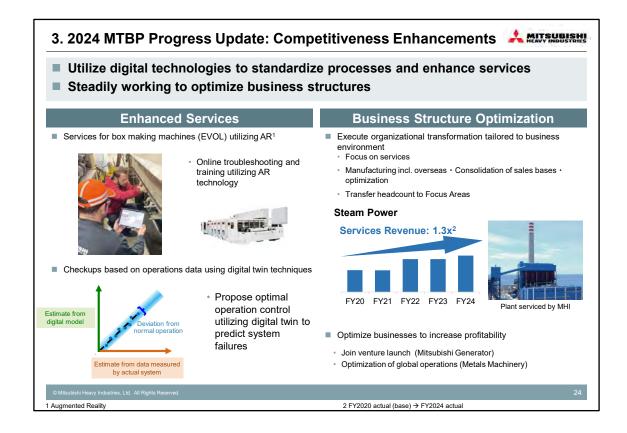
In order to achieve this, it will be important to deliver products and services to our customers as planned, and we are increasing resources to do so.

We are also actively investing in forward-looking R&D and other related initiatives.



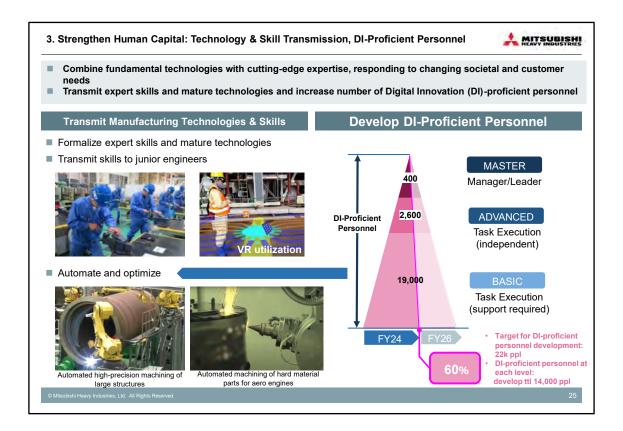
Recently, we launched a one-stop-shop solutions business in the expanding data center market.

Also, in the Energy Transition area, we are accelerating development seeking to balance economics – a barrier to widespread implementation of these decarbonized technologies – with energy security.



With respect to businesses requiring competitiveness enhancements, we are leveraging digital technologies to promote the standardization of work processes and the enhancement of our services offerings.

We are also working steadily to optimize our business structure.



We will need to combine manufacturing technologies with cutting-edge expertise to meet the evolving needs of society and our customers, thereby achieving large, sustained growth.

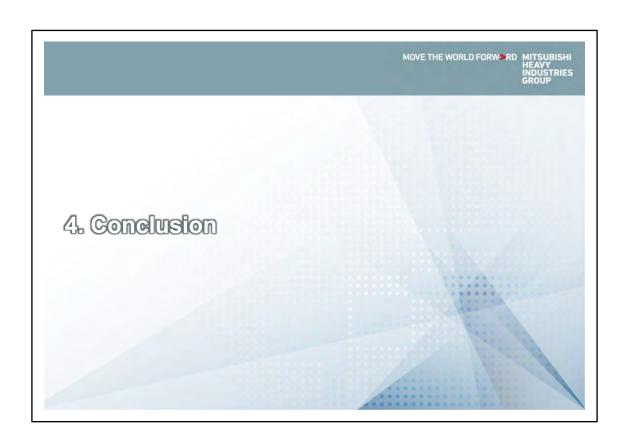
To that end, we are working to develop 22,000 Digital Innovation (DI)-proficient personnel.



Finally, let me discuss our efforts to strengthen human capital, which is essential to achieve large, sustained growth.

As our businesses expand, we are driving global recruitment efforts utilizing diverse methods.

Furthermore, we are working to provide growth opportunities and increase employee engagement by encouraging employees to challenge themselves and implementing flexible work styles adapted to each stage of life.



Our business is growing steadily as we concentrate deployment of resources on our Focus Areas ■ Working steadily to increase profitability and optimize business structures ■ Going forward, we will implement the Innovative Total Optimization concept, thereby achieving Group-wide optimization and scope expansion with the aim of unlocking large, sustainable growth ■ Through these efforts, we will establish a virtuous cycle of growth investments and high profitability

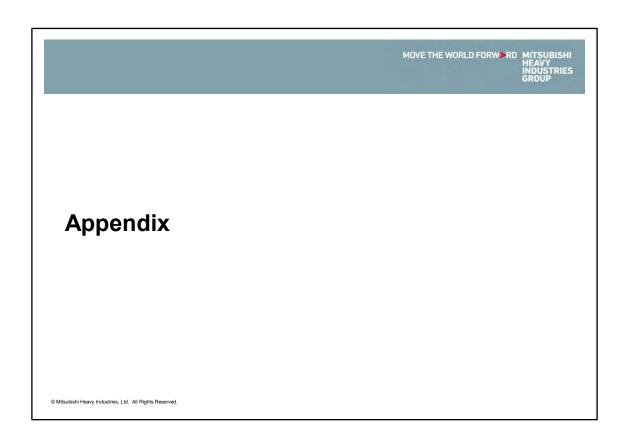
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This concludes my presentation. Thank you for your attention.



Financial Indicators



	FY2023	FY2024	FY2025	FY2026
Revenue	¥4.6 tr	¥5.0 tr	¥5.4 tr	≥¥5.7 tr
Business Profit (%)	¥282.5 bn (6.1%)	¥383.1 bn (7.6%)	¥420.0 bn (7.8%)	≥¥450.0 bn (8%以上)
ROE	11.1%	10.7%	11%	≥12%
Total Asset Turnover	0.8	0.8	0.8	0.9
Debt/EBITDA Ratio	1.7x	1.2x	1.2x	≤1.7x
Dividend per Share	¥20 ¹	¥23 ²	¥24 ²	¥26 ²

¹ Dividend per share shown here adjusted retroactively to 1/10 of actual value to reflect 10-for-1 stock split effective April 1, 2024 2 Adopted dividend on equity ratio (DOE) as shareholder return policy to achieve progressive dividend in medium to long term (announced May 28, 2024)

Business Highlights (1/4)

Energy Systems



10th and Final Gas Turbine Unit Enters ervice at Large Frame GTCC Power Plant



Completed construction of ten state-of-the-art JAC Series gas turbines with total output 6.7 GW within contract period. The gas turbines have exceeded 140,000 operating hours (as of April 2025), demonstrating their high reliability.

Completed Expansion of MHIAEL Nagasaki Aero Engine Combustor Manufacturing Plant



Plant building approximately doubled in size to meet growing demand for engine components for short and medium range commercial aircraft. Aiming to achieve fully integrated manufacturing of combustors and increase production to 1,500 unit/year range, new production lines will gradually come online, with full operation slated for in 2026

Booked 6 JAC Gas Turbine Units for GTCC Power Plant in Saudi Arabia

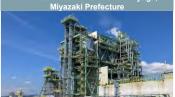


- Total output of GTCC power plant which consist of six M501JAC gas turbines will be 3.6 GW, equivalent to approximately 2.5% of Saudi Arabia's domestic electricity transmission capacity
 Total orders for state-of-the-art JAC series worldwide have exceeded 100 units

Completed Outer Vertical Target Prototype of Divertor for ITER Experimental Fusion Reactor



- Completed cuter vertical target prototype, a key component for ITER experimental fusion reactor
- Using technologies developed during manufacture of prototype will build production units and contribute to promotion of ITER



- Completed construction of 50-MW-class woody biomass-fired power plant, successfully handing over facility within contract period
- Focusing on the further spread of renewable energy power generation systems that make effective use of resources by utilizing biomass fuel

Completed Delivery of Two Dry Casts for Ikata Nuclear Power Station, Shikoku Electric Power Co., Inc.



- Completed delivery of two dry casks ordered by Shikoku Electric Power Co., Inc. for Ikata Nuclear Power Station
- Set up dedicated cask assembly plant to supply high-quality dry casks with short delivery times and superior economics

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Business Highlights (2/4)

Plants & Infrastructure Systems



Joint Study to Establish Standard Specifications and Designs for LCO_2 Carriers



- Seven domestic shipping and shipbuilding companies started joint study to establish standard specifications and ship types to realize large-scale international mainter transportation of liquefied CO₂ after 2028

 Started development at MILES' Co., Ltd., a joint venture with Imabari Shipbuilding Co., Ltd.

 *MILES Marine-design initiative for Leading Edge Solution

Booked Order to Rebuild Waste-to-Energy Plant in Hodogaya Ward, Yokohama



- Received order to rebuild waste-to-energy facility (total capacity 1,050 tons/day) in Hodogaya Ward, Yokohama
- New plant will comprise three proprietary stoker incinerators developed to further optimize drying and combustion process, achieving highest level of electricity generation efficiency in

Contributing to CO₂ Reduction in Steel Production



- Received orders for systems including direct-reduction plant and electric furnaces for large-scale decarbonization project in Germany
- Contributing to customer's achievement of goal to reduce CO₂ emissions by 4.8 million tons per year



- Received multiple orders for new transportation systems renewal work, operation and maintenance (O&M), and increasing number of cars (includ Washington Dulles International Airport renewal and Atlanta International Airport C&M)

Europe's First CO₂ Capture Plant Starts Operation with MHI Technology



- System to capture and store 25,000 tons/year of CO_2 at Eni's natural gas plant
- ratural gas plant.

 Entered service as Europe's first full-scale plant, capturing a maximum of 96% of CO₂ from gas turbine exhaust gas (low pressure, low CO₂ concentration [<3%])

Three-Dimensional Variably Sized Box-Making Machine COMPOX to Optimize Product Logistics



- Completed development of automated three-dimensional variably sized box-making machine (COMPOX) and began accepting orders from logistics sector
- Improves efficiency of logistics by optimizing box sizes, and contributes to CO₂ emissions reductions and addressing of societal issues such as labor shortages

Business Highlights (3/4)

Logistics, Thermal & Drive Systems



ACT (<u>A</u>utomated <u>C</u>ompact <u>T</u>ruck) Wins UK Archies Award 2024



- ACT, an automated guided forklift with design informed by the concept of "collaboration," received Germany's iF Design Award and Red Dot Design Award, as well as the UK's Archies Award 2024
- High praise received for innovative design, as well as safety and practicality





Added LXZ Series Multi-System Air Conditioners Using Low-GWP Refrigerant to Line-Up

* $\underline{\mathbf{G}}$ lobal $\underline{\mathbf{W}}$ arming $\underline{\mathbf{P}}$ otential: CO_2 is assigned a GWP of 1. The lower the GWP factor, the less impact on the environment



- Utilizes low-GWP R32 refrigerant
- Database North TVL reingeath Improved energy efficiency and comfort with new features included Variable Temperature Capacity Control v (TVCC+) Significantly reduced Capacity to the higher-density heat exchanger with reduced-diameter copper tubes. Supports up to 54 horsepower when combining individual units

Launched New Model of Ene-Conductor Heat Source Control System



- Optimally controls centrifugal chillers and peripheral equipment, achieving further energy savings across entire heat source facilities
- Allows for control of up to eight centrifugal chiller units. Added international communication protocols anticipating increased adoption overseas.

Achieved Rated Operation of 6-Cylinder 500-kW-class Hydrogen Engine Generator Set



- Achieved rated operation (435 kW/1,500 min-1) using 100% hydrogen fuel
 Through acceleration of processes necessary to achieve commercialization, targeting realization of Carbon Neutrality through expanded adoption of hydrogen

Developing Turbocharger for PHEVs* and Air Compressor for Fuel Cells (FCs)





· Considering continued progression of transition to electrified mobility including electric vehicles, PHEVs, and FCVs (fuel cell vehicles), developing turbocharger compatible with PHEVs and electric turbo air compressor for application in FCs

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