Disclaimer: This document is an English translation of the Japanese original which is filed with the Tokyo Stock Exchange and is only for reference purposes. In case of any discrepancy between this translation and the Japanese original, the latter shall prevail.



May 12, 2023

To Whom It May Concern

Company name: HAZAMA ANDO CORPORATION

Representative: Representative Director and President Kazuhiko Kuniya

Tokyo Stock Exchange Prime Market Securities Code: 1719

Contact: General Manager, Toshihisa Kino

Corporate Communications Department

Phone: +81-3-3575-6094

# Notice Regarding the Formulation of the HAZAMA ANDO Group Medium-Term Management Plan (FY3/24 – FY3/26)

HAZAMA ANDO CORPORATION ("HAZAMA ANDO" or "the Company") hereby announces that it has formulated the HAZAMA ANDO Group Medium-Term Management Plan (FY3/24-FY3/26), a three-year management plan that begins from FY3/24, the fiscal year ending March 31, 2024. Brief details are as follows.

Guided by its long-term vision, HAZAMA ANDO VISION2030, the Company has worked diligently to achieve its goals by focusing on the four pillars of customer, environmental, shareholder, and employee value creation under its previous Medium-Term Management Plan (FY3/21-FY3/23). Despite achieving its total return ratio target on the back of various measures, including successful efforts to upgrade and expand the return of profits to shareholders as a result, HAZAMA ANDO fell short of the Plan's final fiscal year targets for consolidated ordinary profit and capital efficiency. This was due to changes in the construction market caused by various unexpected events, such as the spread of COVID-19 and the surge in material costs triggered by geopolitical risks.

Under these circumstances, the Company will take steps to overcome those unexpected difficulties that may arise going forward in this era of rapid change and uncertainty. In order to achieve sustainable growth, HAZAMA ANDO believes it is vital to further strengthen its organizational capabilities by ramping up efforts to enhance and integrate its diverse individual strengths. With this in mind, HAZAMA ANDO has identified enhancing business growth, increasing the value of human capital, and promoting ESG management as three issues to be addressed when formulating Medium-Term Management Plan 2025.

Under Medium-Term Management Plan 2025, HAZAMA ANDO will continue to rollout various measures based on the basic policies of increasing corporate value and enhancing the Company's appeal as it engages in the creation of the four values identified in its HAZAMA ANDO VISION2030. Against this backdrop, HAZAMA ANDO will continue to balance its investments in growth with the return of profits to shareholders while engaging appropriately with stakeholders, including shareholders. At the same time, the Company will work to further enhance its internal appeal by upgrading and expanding its investment in human capital, and to

become a corporate group that is trusted by and grows in concert with society while genuinely sharing value between the Company and its employees.

Moving forward, the HAZAMA ANDO Group will work in unison to increase its corporate value while enhancing the Company's appeal with a greater sense of urgency. As we work toward achieving our goals, we ask for your continued support and understanding.

### 1. Overview of the New Medium-Term Management Plan

(1) Period of the Plan FY3/24-FY3/26

### (2) Basic policy

Toward the creation of four values — Increase corporate value + Enhance the Company's appeal —

- (3) Issues to be addressed
  - ① Enhancing business growth
    - ♦ Business operations that respond immediately to changes in the external environment
    - ◆ Realization of appropriate capital measures
  - 2 Increasing the value of human capital
    - ◆ Maximization of employee value through proactive human capital investment
  - ③ Promoting ESG management
    - ◆Contributions to the environment and society
    - ◆Ongoing strengthening of governance

### (4) Numerical targets

	FY3/26		
	(Final Fiscal Year of the Plan)		
Consolidated ordinary profit	¥ 26.5 billion		
Consolidated ROE	12% or more		
Consolidated total return ratio	70% or more		
Employee engagement score	80% or more		
GHG emissions reduction rate	Scope1+2 34% or more		
Ond emissions reduction rate	Scope3 21% or more		

<sup>\*</sup> Please refer to the attached document for details.

# HAZAMA ANDO GROUP MEDIUM-TERM MANAGEMENT PLAN 2025

(FY3/24 - FY3/26)

# **INDEX**



1.	The HAZAMA ANDO Group's Vision	…P2		
·	•		3-3-1-05. Energy Creation Initiatives	…P18
2.	Overview of the Previous Medium-Term Management Plan (FY3/21 – FY3/23)		3-3-1-06. Real Estate and Infrastructure Management Businesses	P19
	2-1. Financial Results	…P3	3-3-1-07. Technology Research and Development	P20
	2-2. Major Initiatives	…P4	3-3-1-08. Group Business	P22
	2-3. Growth Investment Results	…P6	3-3-1-09. Partner Companies	P23
3.	Medium-Term Management Plan 2025		3-3-1-10. Production System Reform through DX	…P24
	3-1. Our Understanding of the External Environment	…P7	3-3-1-11. Partner Strategy	…P25
	3-2. Our Understanding of Management Issues	P8	3-3-2. Increasing the Value of Human Capital	P26
	3-3. Outline of the Medium-Term Management Plan	P9	3-3-3. Promoting ESG Management	P27
	3-3-1. Enhancing Business Growth		4. Financial and Other Indicators	
	3-3-1-01. Civil Engineering Business	…P10	4-1. Performance Targets	…P28
	3-3-1-02. Building Construction Business	…P12	4-2. Growth Investment Plan	P29
	3-3-1-03. Overseas Business	…P14		P30
	3-3-1-04. Life Cycle Support (LCS) Business	…P16	4-3. Cash Allocation	

# 1. The HAZAMA ANDO Group's Vision



The HAZAMA ANDO Group put in place HAZAMA ANDO VISION2030, the Group's long-term vision, in February 2020. Taking into account the four pillars of value creation, we are promoting reforms to further increase corporate value.

### Corporate Philosophy

- 1. We shall contribute to enhancing society by construction
- 2. We shall pursue customer satisfaction with reliable technologies and passion
- 3. We shall realize a prosperous future by creating new values

### VISION2030

Through the acceleration of innovation and tireless efforts to take on each new challenge, create new value and contribute to the resolution of social issues

Create customer value	years of experience and support customers' business activities	7 AFFORDABLE AND CILAN ENERGY	9 ADJISTIV, RADDISTRUCTURE	11 SISTAINABLE CITIES AND COMMUNITIES	12 RESPONSIBLE CONCUMPTION AND PRODUCTION	17 PARTNERSHIPS TOR THE GOALS
Create shareholder value	OFurther strengthen the mainstay construction business by enhancing capabilities for winning orders x worksite skills x profitability	7 AHTORDARIE AND CLEAN EMERCY	11 SUSTAINABLE OTTES AND COMMANNIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION	13 climate Action	17 PARTNERSHIPS TOR THE GOALS
environmental	Contribute to the realization of a decarbonized, low environment impact, recycling-oriented society to leave a fertile global environment for the next generation  Opromote the decarbonization of business activities (RE100 and SBT)  Ocontribute to the decarbonization of society as a whole by promotion energy creation and rolling out energy-saving technologies	7 AFFORDABLE AND CLEAN DISTRICT	9 NOUSTRY, ANOVATION AND INFRASTRICTURE  12	ISPONGINE COMMITTEE ON SUMPTION NO PRODUCTION	14 LIFE DELOW MATER	15 UFE DRIAND
Create employee value	OPromote measures that enhance the Company's appeal and contribute to increased employee engagement (human capital investment, a highly credible personnel evaluation system)	3 COOD HEALTH AND WELL-BEING	4 QUALITY EDUCATION	5 GARDER STRUMENT	8 BECHNI WORK AND ECONOMIC GROWTH	17 PARTNERSHIPS TOR THE GOALS

Medium-Term
Management Plan 2025

Toward the creation of four values — Increase corporate value + Enhance the Company's appeal —

# 2-1. Financial Results

# -Overview of the Medium-Term Management Plan (FY3/21 - FY3/23) -



* Consolidated financial results	FY3/21	FY3/22	FY3	/23
* Amounts of less than one billion yen are rounded down	Results	Results	Medium-Term Management Plan	Results
Net sales	¥352.1 billion	¥340.2 billion	¥440.0 billion	¥372.1 billion
Operating profit	¥27.3 billion (7.8%)	¥26.6 billion (7.8%)	¥30.5 billion (6.9%)	¥19.8 billion (5.3%)
Ordinary profit (Medium-Term Management Plan KPI)	¥25.8 billion	¥25.8 billion	¥30.0 billion	¥19.6 billion
(Of which, non-construction earnings)  * Figures in parentheses are the ratios of non-construction earnings to ordinary profit.	(¥2.2 billion) (8.8%)	(¥2.2 billion) (8.6%)	(¥3.0 billion) (10.0%)	(¥1.1 billion) (6.1%)
ROE (Medium-Term Management Plan KPI)  Net profit ÷ Equity* x 100  * (Equity as of the end of the previous fiscal year + Equity as of the end of the fiscal year) / 2	12.2 %	12.3 %	12 %	10.8%
Total return ratio (Medium-Term Management Plan KPI)	61.9 %	124.9 %		FY3/22 – FY3/23 Cumulative Total 117.2 % 2021: Shareholder returns announcement
Growth investment * Figures in parentheses are the cumulative amounts.	¥4.8 billion (¥4.8 billion)	¥6.4 billion (¥11.2 billion)	(¥25.0 billion)	¥7.9 billion (¥19.1 billion)

Review of the Previous Medium-Term Management Plan Period

#### External environment

- Despite the significant slump in the economy from the first fiscal year of the Medium-Term Management Plan owing to such factors asCOVID-19, conditions are exhibiting a gradual recovery trend entering FY3/23 and the "with-Corona" era
- Firm trends in public sector construction investment; recovery trend in recent private-sector construction investment
- · Ongoing harsh external environment owing to such factors as soaring material, fuel and labor costs as well as intensifying competition

#### Net sales

- Fell short of completed construction contract plans owing to such factors as the shortfall in non-consolidated orders
- While the precast concrete (PCa) business of consolidated subsidiaries and other factors progressed in line with plans, non-construction business net sales decreased in FY3/23

### Operating profit, Ordinary profit

• Despite securing a certain level of business profitability, fell short of plans owing to such factors as the shortfall in net sales; downturn in gross profit on completed construction contract in FY3/23 owing to a variety of factors including the deterioration in profitability of certain construction projects and increase in the provision for warranties for completed construction resulting from the occurrence of large-scale repair work; non-construction business profitability also declined due to lower sales and the inability to absorb fixed costs in the PCa and other businesses

### ◆ ROE

• Despite efforts to reduce equity and improve capital efficiency, unable to offset the decline in profit; fell short of ROE plans

### ◆Total return ratio

· Achieved total return ratio plans through various measures including the large-scale purchase of own shares and increase in the dividend amount

#### **◆**Growth investment

- Took an equity interest in a biomass power plant and commenced solar power generation power purchase agreement (PPA) business operations in the energy field
- · Promoted the acquisition of rental real estate in the real estate field
- · Refurbished Technical Research Institute facilities: focused on technology R&D
- Slowdown in overseas partner strategic investment owing to COVID-19; continued to consider investment in start-up companies while engaging in collaboration

# 2-2. Major Initiatives — Overview of the Medium-Term Management Plan (FY3/21 – FY3/23) — 対象機関では (FY3/21 – FY3/23) ー は (FY3/23 – FY3/23 – FY3/23



/		Initiatives	Our Understanding of the Issues
	Civil Engineering	<ul> <li>Remained active in areas of strength including urban as well as mountain tunnel civil engineering, power, and energy; continued to a exert a presence</li> <li>Vigorously engaged in a variety of activities including technology development across such wide-ranging fields as highway and other renewal projects; positioned as a part of the Company's business segment</li> <li>Strengthened efforts in disaster prevention and mitigation as well as national land resilience-related businesses; steady progress in various activities including ongoing construction projects</li> <li>Promoted the development of various ICT-related technologies that contribute to automation as well as increased speed and sophistication; introduced into tunnel, shield, and other construction work</li> </ul>	<ul> <li>Efficient placement of personnel through the promotion of large-scale project construction</li> <li>Development of segments in which the Group maintains a competitive advantage in a bid to secure building construction orders</li> <li>Early development and promotion of young staff through the transmission of know-how</li> <li>Building relationships and strengthening cooperation with partner companies</li> </ul>
Construction Business	Building Construction	<ul> <li>Established the LCS Division; put in place an integrated structure encompassing planning and design as well as maintenance; upgraded and expanded services</li> <li>Employed the results of next-generation ZEB trial demonstrations at the Company's Technical Research Institute; steadily accumulated a track record of ZEB introduction projects</li> <li>Efforts to promote the use of BIM models at each of the design, cost estimation, and construction phases to increase efficiency and sophistication</li> </ul>	<ul> <li>Development of proprietary technologies other than environment-related technologies through which the Group can secure a competitive advantage</li> <li>Elimination of accidents, public hazards, and defects</li> <li>Strengthening of overseas business risk</li> </ul>
	Overseas Shared	<ul> <li>Undertook a flexible review of each measure in response to changes in the external environment including COVID-19</li> <li>Set up a PCa plant, the Company's third production base, at the Kikugawa Plant in Shizuoka Prefecture; expanded the use of proprietary PCa materials at various civil engineering and building construction sites</li> <li>Implemented training including partner companies; promoted increased efficiency and productivity in on-site operations by deploying the Buildee shared platform</li> </ul>	management systems; setting of priority regions (countries) and concentrated investment in resources  Increase in production volumes through the active use of PCa and expansion of external sales  Further productivity gains through the rapid rollout of DX
Non- Construction	Renewable Energy- Related	<ul> <li>Established the Renewable Energy Business Department; in addition to participating in the Sakaide Biomass Power Generation Project, began considering in earnest related businesses</li> <li>Commenced solar power generation power purchase agreement (PPA) business operations (provided value-added services to customers through collaboration with the Building Construction Business)</li> <li>Accumulating energy management know-how through research and development</li> <li>Initiated steps to engage in facility management (FM) business activities at the Tohoku Branch Office Building held by</li> </ul>	<ul> <li>Continued assessment of appropriate investment risk and increase in the pace of deployment</li> </ul>
Business	Real Estate- Related	the Company; operations scheduled to comment at the end of 2023  Promoted the acquisition of real estate for leasing purposes through a subsidiary	
	Other	· Undertook venture investments with the expectation of synergies with core businesses	

# 2-2. Major Initiatives — Overview of the Medium-Term Management Plan (FY3/21 – FY3/23) — 女族バザマ



		Initiatives	Our Understanding of the Issues
Enviro	onment	<ul> <li>Promoted decarbonization activities; endorsed the recommendations of the TCFD and disclosed information accordingly, established the Environmental Strategy Committee</li> <li>Selected as a CDP2022 supplier engagement leader</li> </ul>	
Securii Devel Hun	ing and ··· loping man ··	• Formulated and implemented the in-house Integrity Declaration in a bid to increased compliance awareness • Established the Career Development Department and revised the human resources development policy and job-specific education plan • Recognized the need to review compensation standards and to increase employee engagement including	<ul> <li>Sharing of Group-wide issues and the strengthening of education to accelerate the decarbonization of businesses</li> <li>Enhancement of education and training geared toward the development of human resources</li> </ul>
Work-		improvements in working environments as important issues; considered specific measures  Acquired White 500 certification; introduced teleworking and work interval systems; efforts to promote eight or more	<ul><li>and improvement of skills</li><li>Improvement of employee engagement through the implementation of specific measures</li></ul>
er Rett	form	closures in four weeks at worksites underway	<ul> <li>Promotion of diverse work styles and the reduction of total working hours</li> </ul>
Dive	ersity .	<ul> <li>Women' empowerment: Increased the ratio of women hired among new graduates from 18% to 21% (FY3/23 new graduate recruitment results)</li> <li>Elderly employment: Considered ways to secure employment opportunities up to the age of 70</li> <li>Employment of people with disabilities: Participated in IBUKI Fujisawa Farm (an indoor farm-based employment support service for people with disabilities and established an office support team)</li></ul>	<ul> <li>Upgrade and expansion of human resources systems to promote the success of all employees regardless of gender, age, disability, nationality, etc.</li> <li>Acceleration of DX deployment and early penetration throughout the Group through education</li> </ul>
	OX notion	· Established the DX Strategy Department; formulated the 2030 DX Vision; promoting various measures	

# 2-3. Growth Investment Results — Overview of the Medium-Term Management Plan (FY3/21 – FY3/23)



(Billion yen)

	FY3/21	FY3/22	FY3/23	Cumulative Investmen		(Billion yell)
	Results Results I		Results	Medium-Term Management Plan	Results	Review of the Previous Medium-Term Management Plan Period
	Investment Amount	Investment Amount	Investment Amount	Cumulative Investment Amount	Cumulative Investment Amount	
Energy-related business	_	2.0	2.6	5.0	4.5	<ul> <li>◆Promoted various measures while properly determining the significance of initiatives with respect to such issues as business profitability and environmental value</li> <li>Against the backdrop of the Japanese government's 2050 carbon neutral declaration in October 2020, commenced solar power generation power purchase agreement (PPA) business operations in with renewal energy-related market expansion</li> <li>Recognizing the significance of building long-term relationships with customers, established the solar power generation power purchase agreement (PPA) business as a key pillar</li> <li>Unable to reach satisfactory terms and conditions, cancelled overseas IPP business activities, included in the Group's planned large-scale projects; despite this cancellation, steady progress in the Sakaide Biomass Power Generation Project, in which HAZAMA ANDO maintains an equity interest</li> <li>Investment returns for many renewable energy projects not expected to be fully realized until 2026 or later</li> </ul>
Real estate-related business	1.7	0.4	0.8	5.0	2.9	<ul> <li>◆Adopted a cautious approach toward the selection of projects taking into account investment risk</li> <li>· Acquired rental real estate through subsidiary company Ryoko Kaihatsu</li> <li>· Commenced facility management (FM) business operations to promote the effective use of real estate, including a branch building, held in Japan (Tohoku Branch Office Building)</li> </ul>
Partner strategic investment	_	_	0.1	5.0	0.1	◆Undertook initiatives in Japan and overseas, including efforts to form alliances that help strengthen the construction and non-construction businesses  · Impacted by COVID-19 and the large-number of underperforming projects, no significant developments in investments
Innovation investment, other	3.1	4.1	4.4	10.0	11.6	<ul> <li>◆Undertook capital investments in such areas a research facilities in conjunction with ongoing investments in the development of various technologies</li> <li>Engaged in development activities aimed at securing advances in technology, improvements in productivity, and the creation of environmental value in line with construction demand</li> <li>Increase capacity at the Company's Technical Research Institute and PCa plants held</li> <li>◆Undertook investments aimed at promoting innovation, including investments in venture companies</li> </ul>
Total	4.8	6.4	7.9	25.0	19.1	

# 3-1. Our Understanding of the External Environment — Medium-Term Management Plan 2025 —



# **External Environment**

An era in which a variety of values exist and diversity is required



Stronger demand for sustainable management

# 3-2. Our Understanding of Management Issues



### Issues relating to the Previous Medium-Term Management Plan

- ◆Shortfall in orders (business volume)
- ◆Decline in profit due to a deterioration in the profitability of certain construction projects and the incidence of repair work
- ◆Lack of speed in responding to environmental changes

### Main Factors

- ◆Insufficient segments in which the Group maintains competitive advantage and cost competitiveness
- Insufficient systems in place to maintain and improve quality and increase profit productivity
- ◆Insufficient organizational capacity for the flexible development of policies in response to environmental changes and social needs

The HAZAMA ANDO Group's management issues in light of the previous Medium-Term Management Plan and current external environment

### **Enhancing Business Growth**

- Business operations that respond immediately to changes in the external environment
- Realization of appropriate capital measures

# Increasing the Value of Human Capital

 Maximization of employee value through proactive human capital investment

# Promoting ESG Management

- Contributions to the environment and society
- Ongoing strengthening of governance

# Management Approach

### ◆Enhancing Business Growth

- · Improve safety and quality while ensuring profits
- · Strengthen sales, worksite, design capacity, and technological capabilities of the building construction business, including expansion of segments in which the Group maintain a competitive advantage
- · Build a business portfolio that is highly resilient to changes in the business environment through steady investment in growth
- · Strengthen cost competitiveness by leveraging the expertise of Group companies
- Strengthen construction work structure and systems by cultivating human resources and strengthening relationships with partner companies to transmit know-how, etc., and strengthen DX initiatives to formulate and implement data-based strategies and improve productivity

### ◆Increasing the Value of Human Capital

- · Upgrade and expand investment in human capital
- · Strengthen the management foundation by securing diverse human resources and maximizing employee value

### ◆Promoting ESG Management

- Enhance sensitivity to changes in the environment by strengthening ESG initiatives and other measures; strengthen the ability to respond to society and customer needs
- · Promote capital-efficient management and appropriate investments in growth by strengthening governance

## 3-2. Outline of the Medium-Term Management Plan



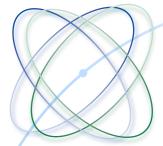
### **MEDIUM-TERM MANAGEMENT PLAN 2025**

FY3/24 - FY3/26



Realizing the creation of four values and the start of the next decade

- · Customer value
- · Shareholder value
- · Environmental value · Employee value



### Toward the creation of four values

Increase corporate value + Enhance the Company's appeal -

**Key KPIs** 

FY3/26 Consolidated ordinary profit ¥26.5 billion

FY3/26 **ROE** 12% or more

FY3/26 Total return ratio

70% or more

FY3/26 Employee engagement score

80% or more

FY3/26 GHG emissions reduction rate Scope1+2 34% or more

Scope3/21% or more

### MEDIUM-TERM MANAGEMENT PLAN

FY3/21 - FY3/23



### Initiating steps to realize VISION2030

- Strengthening of the core construction business
- · Diversification of the revenue
- Implementation of measures aimed at generating profits as shareholder returns

#### 3-3-1. **Enhancing Business Growth**

3-3-1-01.	Civil	<b>Engine</b>	ering	Business
0 0 1 01.	O 1 V 11		21112	Dasinoss

3-3-1-02. Building Construction Business

3-3-1-03. Overseas Business

3-3-1-04. Life Cycle Support (LCS) Business

3-3-1-05. **Energy Creation Initiatives** 

Real Estate and Infrastructure 3-3-1-06. Management Businesses

Technology Research and Development

3-3-1-08. Group Business

3-3-1-09. Partner Companies

Production System Reform through DX

3-3-1-11. Partner Strategy

### **Increasing the Value of Human Capital**

### 3-3-3. Promoting ESG Management

### ◆ Our promises to customers

- 1 Provide safety, high quality, and high productivity at a fair cost
- (2) Provide various environmental and other solutions

### ◆ Our promises to society and the environment

- 1) Reduce GHG emissions to achieve carbon neutrality
- 2 Undertake various initiatives including the introduction of energy-creating and energy-saving technologies

### ◆ Our promises to shareholders

- 1 Secure stable profits and return profits to shareholders
- 2 Maintain high capital efficiency
- (3) Undertake various initiatives including steps to upgrade and expand governance

### ◆ Our promises to employees

- (1) Realize well-being
- 2 Support autonomous career formation
- ③ Undertake various initiatives including steps to foster a culture of mutual education, challenge, and creativity

# 3-3-1-01. Civil Engineering Business



$\sim$			
	uantitative	Inc	licatore
	uaninanye		แนสเบเร
~~	0.0		

Non-Consolidated Plan	FY3/23 Results	FY3/24 Plan	FY3/25 Plan	FY3/26 Plan
Gross Profit on Completed Construction Contracts (Profit margin)	¥21.2 billion (15.9%)	¥21.5 billion (16.2%)	¥23.0 billion (15.9%)	¥23.9 billion (15.9%)
Net Sales on Completed Construction Contracts	¥133.4 billion	¥133.0 billion	¥145.0 billion	¥150.0 billion

### Market Trend Forecasts

### Firm trends in public investment Growth in public and private investment in the renewal and renewable energy business sectors

- · While new public sector construction projects are projected to remain flat, the market expected to remain stable
- (Increase in disaster prevention and mitigation, national land resilience, and defense-related projects)
- Renewal business growth in line with aging infrastructure (Renewal of highways as well as water and sewage facilities)
- Market growth toward carbon neutrality by 2050
   (Work in various areas including the shift to hybrid dams, decarbonization and replacement of thermal power plants, and the resumption of operations at nuclear power plants)

### Our Strengths

- Track record and technological superiority in high-difficulty urban civil engineering construction (including shield and large-scale excavation work)
- · Wealth of experience in mountain tunnel construction; possession of DX-based automated and advanced technologies (i-NATM®)
- Extensive construction experience in the field of power engineering (dams and power plants)
- Extensive construction experience in water and sewage facility renewal construction
- Possession of specialty technologies (including radiation waste treatment technology, large cross-section non-excavation technology: WJ segment method )
- Precast concrete (PCa) plants held by the Group (three locations with a manufacturing capacity of 150,000 cubic meters per year)
- Construction work structure and systems in collaboration with technically reliable and competent partner companies
- On-site support structure and systems built on experienced technical departments at head and branch offices

# 3-3-1-01. Civil Engineering Business



### **Priority Measures**

### Strengthen Sales Capabilities

# Secure a steady stream of ongoing orders and expand construction in areas of industry-leading strength

- Urban civil engineering: Shield work (deep-laid, long-distance, large crosssection, high-difficulty), large-scale excavation work, urban flood damage countermeasures, river improvement work
- Mountain tunnel civil engineering: Mountain tunnel work utilizing DX and ICT technology, dam renewal work
- Power civil engineering: Work related to the resumption of operations at nuclear power plants and decommissioning-related construction, hydroelectric power plant renewal work, radioactive waste treatment facilityand underground network-related construction

# ◆Strengthen efforts related to the large-scale maintenance and renewal of public infrastructure

- Highways: Floor slab replacement work (manufacture of Group-owned PCa plant floor slabs)
- Water purification plants: PFI and DBO method water purification plant renewal work

# ◆Engage in disaster prevention and mitigation as well as national land resilience measures

 Four lane road construction, double network, seismic reinforcement, and urban flood damage countermeasures

# ◆Share information and accelerate the pace of decision—making through the use of DX tools

- Digitally transform technology research and development information management, improve cost management system functionality
- Reinforce the sales structure and systems through the strategic placement of personnel from technology management divisions

# Strengthen Worksite Capabilities (Achieve ¥150.0 billion in completed construction)

# ◆Increase profit productivity through production process reform

- Create an environment in which technical staff can concentrate on safety and quality control work (partial outsourcing of administrative tasks, change in roles of senior/administrative staff)
- Standardize use of remote cameras, digital signage, eYACHO, and drones, etc.
- Undertake the standard implementation of mountain tunnel construction DX (i-NATM®), a data integration platform, and remote centralized management system for temporary tunnel facilities
- Accelerate the pace of information standardization and sharing through the use of cloud computing worksite data (eDOX)
- Reduce the incidence of defects through the introduction of Al-based knowledge management tools, and control the occurrence of disasters through the introduction of a safety management system (strengthen safety measures through a real-time Al analysis system for accident and safety patrol data)

### ◆Respond to surges in labor and material costs

 Conduct appropriate negotiations with clients in accordance with the terms and conditions of contracts

### ◆Improve the skills of on-site staff

- Upgrade and expand a variety of specialized technical training and conduct video content education
- Promote the early acquisition of first-class qualification (provide acquisition support and incentives)
- Select projects that contribute to the transmission of construction skills and technical capabilities (small-scale, RC structure, and rare types of construction), undertake the strategic placement of young staff and early training of young managers
- $\cdot$  Expand the use of construction information modeling (CIM) through ICT literacy education

- Maximize technical response capabilities through the coordination of civil engineering and building construction
- Undertake integrated initiatives for water purification and power plants

### Upgrade and expand employment of talented personnel and enhance follow-up after employment

- Expand mid-career employment and strengthen new graduate employment
- · Actively conduct internships, on-site tours, hands-on construction events, etc.
- $\boldsymbol{\cdot}$  Enhance young employee follow-up by introducing a mentor system

### ◆Increase cost competitiveness

- Strengthen procurement capabilities by using the three PCa plants owned by the Group (expand and diversify PCa materials including shield segments and PCa slabs)
- $\cdot$  Expand the overseas procurement network
- Utilize Group companies (Hazama Ando Kogyo: centralized purchasing, Aoyama Kiko: foundation construction)

# ◆Perfect and implement competitively superior technology

Strengthen relationships with partner companies

# 3-3-1-02. Building Construction Business



O	ام مرا	: 4 -	
Quantitative	IINO	исато	rs
Qualiticativo		10000	,

Non-Consolidated Plan	FY3/23 Results	FY3/24 Plan	FY3/25 Plan	FY3/26 Plan
Gross Profit on Completed Construction Contracts (Profit margin)	¥17.2 billion (8.4%)	¥18.6 billion (8.1%)	¥20.1 billion (8.4%)	¥21.0 billion (8.4%)
Net Sales on Completed Construction Contracts	¥206.2 billion	¥230.0 billion	¥240.0 billion	¥250.0 billion

### Market Trend Forecasts

Private sector investment is expected to remain flat despite showing signs of a recovery; closely observe the impact of global conditions, uncertainty surrounding the future of financial markets, and rising materials and energy prices

- · Order environment for new construction projects is expected to experience intense ongoing cost competition
- Manufacturing industry exhibiting a return to domestic operations from an economic security perspective
- · Renewal market expected to experience continued growth
- Market growth toward carbon neutrality in 2050 (Diversification of needs, including environmentally friendly technology)
- Expectations of a market recovery as the effects of COVID-19 dissipate

### Our Strengths

- · Continued stream of orders from leading existing customers
- · Existing mechanisms that prioritize profitability in projects and initiatives
- Possession of and implementation track record for a diverse range of environmentally friendly technologies
- → New LCA method-based environmental impact assessment technology for buildings
- → Environmental proposal capabilities based on energy management technologies, including the solar power generation PPA business
- → Net-ZEB and ZEH-M Oriented certification track record
- (PCa) plants held by the Group (three locations with a manufacturing capacity of 150,000 cubic meters per year)
- · Ability to address customer needs in the LCS business

# 3-3-1-02. Building Construction Business



### **Priority Measures**

### Strengthen Sales Capabilities

- Secure a steady stream of ongoing orders and expand construction in areas of industry-leading strength
- · Logistics facilities, production facilities (semiconductor plants, food processing plants, etc.)
- ◆Bolster strategic initiatives for expanding areas of strength
- · Data centers, office buildings, super high-rise condominiums
- ◆Realize synergy effects with the LCS business
- · Deeper relationships with customers based on one-stop services
- ◆Strengthen portfolio management
- Strengthen profitability management by application-specific order, and reallocate human resources
- ◆Share information and accelerate the pace of decision-making through the use of DX tools
- Enhance the sophistication of project management and analysis by improving sales system functions
- Strengthen collaboration between the sales, design, cost estimation, and construction departments; improve proposal capabilities and order competitiveness
- $\cdot$  Maximize customer satisfaction by using systems developed in-house
- → Provide environmental value by using automated LCA calculation systems
- $\rightarrow$  Shorten estimate lead times by using a simplified approximation and estimate system
- ◆Reinforce the sales structure and systems through the strategic placement of personnel from technology management divisions

# Strengthen Worksite Capabilities (Achieve ¥250.0 billion in completed construction)

- ◆Increase profit productivity and improve the environment through production process reform
- Create an environment in which technical staff can concentrate on safety and quality control work (partial outsourcing of administrative tasks, change in roles of senior/administrative staff)
- · Standardize use of remote cameras, digital signage, eYACHO, and drones, etc.
- Reduce the incidence of defects through the introduction of Al-based knowledge management tools, and control the occurrence of disasters through the introduction of a safety management system (strengthen safety measures through a real-time Al analysis system for accident and safety patrol data)
- ◆Respond to surges in labor and material costs
- Share information with customers, respond in a detailed manner, and accept orders under appropriate terms and conditions
- ◆Improve the skills of on-site staff
- Promote the early acquisition of first-class qualification (provide acquisition support and incentives)
- $\cdot$  Use construction BIM models through ICT literacy education
- Select projects that contribute to the transmission of construction skills and technical capabilities (super high-rise, small-scale, and specialty technology construction), undertake the strategic placement an early training of young staff
- Maximize technical response capabilities through the coordination of civil engineering and building construction
- · Undertake integrated initiatives for water purification and power plants
- ◆Upgrade and expand employment of talented personnel and enhance follow-up after employment
- Expand mid-career employment and strengthen new graduate employment
- Actively conduct internships, on-site tours, hands-on construction events, etc.
- $\cdot$  Enhance young employee follow-up by introducing a mentor system

### Strengthen Design Systems and Capacity

- ◆Improve the sophistication of environmental proposals centered on ZEB
- · Accumulate commissioning know-how from actual projects
- · Actively communicate information internally and externally
- ◆Improve design capacity by using DX tools
- Develop and operate a high-volume design automation system for the planning stages
- · Introduce an AI-based structural design support system
- Achieve higher quality, shorter construction periods, and lower costs
- Introduce a front-loading design and construction flow based on a single model BIM, front loading, and PCa
- Standardize the design and construction of PCa materials using the Group's diverse track record
- ◆Reinforce functions through alliances
- ◆Improve ordering opportunities by expanding the scope of initiatives for dedicated application-specific teams and participating in projects from the upstream stage
- Perfect and implement competitively superior technology
- ◆Strengthen relationships with partner companies
- ◆Increase cost competitiveness
- Strengthen procurement capabilities by using the three PCa plants owned by the Group
- Expand the overseas procurement network
- Utilize Group companies (HAZAMA ANDO KOGYO: centralized purchasing, AOYAMA KIKO: foundation construction)

### 3-3-1-03. Overseas Business



### Quantitative Indicators

Quantitative maleaters				
Non-Consolidated Plan	FY3/23 Results	FY3/24 Plan	FY3/25 Plan	FY3/26 Plan
Gross Profit on Completed Construction Contracts (Profit margin)	¥0.5 billion (2.1%)	¥2.0 billion (6.9%)	¥2.1 billion (7.8%)	¥2.1 billion (8.4%)
(Of which Civil Engineering) (Profit margin)	¥▲0.4 billion (▲6.0%)	¥0.3 billion (5.3%)	¥0.4 billion (7.0%)	¥0.4 billion (8.9%)
(Of which Building Construction) (Profit margin)	¥1.0 billion (5.0%)	¥1.6 billion (7.3.%)	¥1.7 billion (8.0%)	¥1.6 billion (8.3%)
Net Sales on Completed Construction Contracts	¥27.7 billion	¥29.5 billion	¥27.2 billion	¥25.0 billion
Of which Civil Engineering	¥7.2 billion	¥6.5 billion	¥5.7 billion	¥5.0 billion
Of which Building Construction	¥20.4 billion	¥23.0 billion	¥21.5 billion	¥20.0 billion

<sup>\*</sup> Figures on the left are included in the Civil Engineering and Building Construction businesses.

### Market Trend Forecasts

# Despite the presence of uncertainties, construction related markets are expected to recover gradually

- · Global economic disruptions due to increasing geopolitical risks
- → Greater risk of resource price increases, distribution slowdowns, and exchange rate fluctuations, etc.
- · Market sluggishness attributable to COVID-19 expected to gradually dissipate
- · Growth in the logistics, data center, and related markets in ASEAN countries
- · Intensifying competition due to the entry of major Japanese construction companies into ASEAN countries
- · Recovery in demand for Japanese production facilities in North America, including Mexico

### Our Strengths

### Civil Engineering Business

- · Ability to support infrastructure (technology) exports to developing countries with a focus on ODA (loans and grants), and an extensive track record in contributing to the SDGs
- Existing business track record in 26 countries, mainly in Asia and Latin America

### **Building Construction Business**

• Extensive track record with a focus on Japanese company production facility projects in Asia and North America (ASEAN countries, Mexico, etc.)

### 3-3-1-03. Overseas Business



### **Priority Measures**

### **Basic Approach**

- Focus on business stability in light of the external environment, and strengthen personnel development, as well as business foundations and systems, in order to achieve future growth
- The Civil Engineering business will continue to carefully select projects amid the limited number of ODA projects in countries in which the Company operates
- The Building Construction business will strengthen competitiveness and maintain a consistent scale by selecting winnable projects, regions, and fields under a competitive environment and by promoting localization through collaboration with partner companies in local industries

### Basic Plan

· Business scale:

¥25.0 billion in completed construction, ¥2.0 billion in gross profit on completed construction contracts Orders: Civil Engineering ¥5.0 – 10.0 billion, Building Construction ¥15.0 – 20.0 billion

· Markets:

Civil Engineering (Asia, Latin America), Building Construction (Asia, North America)

· Fields:

Civil Engineering (ODA)
Building Construction (production facilities for Japanese private sector and foreign companies, ODA)

Civil Engineering and Building Construction (energy and environment-related)

\* New entry investigation (urban development business and PPP business fields)

### Overseas Business Management Policy

## ◆Carefully select ODA projects in light of risk assessments

• Engage in projects that require sophisticated technology, including traffic, water supply and sewage, disaster prevention, hospital, airport, and energy and environment related projects

# ◆Expand the customer base for private sector projects with a focus on production facility projects

- Improve cost competitiveness and expand the customer base by promoting localization
- · Upgrade and expand the business portfolio
- → In addition to Japanese production facilities, strengthen efforts to acquire foreign-capital, medical and commercial facility, logistics facility, and data center projects
- Energize sales approaches starting at from the upstream stage and strengthen Groupwide sales capabilities by supporting the overseas expansion of domestic customers and by flowing overseas customers back to Japan
- Promote alliances with local industries and global companies that
  possess know-how and track records from the perspectives of business
  management capacity and risk management, for the purpose of market
  development intended to expand the scope of business while considering
  entry into such new fields as the PPP business

### Work to put in place structure and systems to strengthen risk response capabilities; strive to secure and increase profits

- · Strengthen worksite skills through PM training
- Improve and strengthen systems for overseas branches and sales offices,etc., by training and assigning Quantity Surveyors (QS)
- $\cdot$  Strengthen the contract management function by cooperating with global consulting firms and attorney offices

# Organizational and Human Capital Investment

### ◆Personnel development

- Increase the ratio of foreign-national staff at international business divisions to 10%
- Implement training in a planned manner for capable young and mid -career employees, including foreign national staff; actively promote personnel to executive and PM positions to help revitalize the organization
- Train overseas location manager candidates from among international and domestic staff (promote education and personnel interaction through onsite training in Japan)
- Newly establish a short-term overseas work rotation system as a career path for young and mid-career employees in Japan (expand the range of global personnel)
- Introduce a specialized education system (overseas and domestic study programs, etc.) for manager candidates in international business divisions, and develop personnel who can participate in international business with a view to entering new fields

### ◆Enhance systems

- Consolidate civil engineering and building construction back-office departments in order to streamline and improve the efficiency of the organization and tasks
- ① Responsibility specialization for sales personnel: Private sector building construction, ODA, new fields
- ② Improve operational efficiency by delegating authority to sales offices and worksites
- Incrementally transfer management functions to Asian and North American branches to put in place the required environment for selfcontained, localized operations

# 3-3-1-04. Life Cycle Support (LCS) Business



### **Quantitative Indicators**

N	Non-Consolidated Plan	FY3/23 Results	FY3/24 Plan	FY3/25 Plan	FY3/26 Plan
	ess Profit on Completed construction Contracts (Profit margin)	¥5.4 billion (11.4%)	¥4.8 billion (11.3%)	¥4.9 billion (11.5%)	¥5.0 billion (11.6%)
	et Sales on Completed Construction Contracts	¥48.1 billion	¥42.3 billion	¥42.6 billion	¥43.0 billion

<sup>\*</sup> The figures on the left are the totals for the Renewal business and the Building Service Management business

### Market Trend Forecasts

### Continued expansion in the RN market, for both housing and non-housing buildings

- In addition to facility longevity measures, customer needs are expected to diversify into other areas, including energy conservation measures, etc.
- → Facility longevity needs: LCC quantitative assessments, reductions, and measures
- → Decarbonization needs: LCA quantitative assessments, ZEB renewal
- → Barrier free and wellness service needs
- → Safety improvement needs: Earthquake resistance, crime prevention, BCP measures, etc.
- → Needs corresponding to changes in business styles: Expansion of telework, web conferencing systems, expansion of 5G implementation etc.

Despite the expanding market, entry by many companies is expected to intensify competition

ICT-based DX promotion in the building maintenance industry

### Our Strengths

- · Ability to combine know-how accumulated through renewal construction with building maintenance in order to provide building diagnosis, planning, construction, and aftercare services in an integrated manner (LCS) and in a way that is tailored to the life cycle of the building owned by the customer
- LCS dedicated organizations that can rapidly address customer needs at branches throughout Japan (renewal construction + building management service functions)
- Construction track record in a wide array of applications (offices, logistics, production facilities, commercial facilities, etc.)
- Possession of ZEB remodeling technologies that have been demonstrated at the Technical Research Institute (creation of comfortable user-centric (people-centric) spaces)

<sup>\*</sup> The figures for the Renewal business are included in the Building Construction business

# 3-3-1-04. Life Cycle Support (LCS) Business



### **Priority Measures**

### **Basic Approach**

- Provide high added value and build long-lasting relationships of trust with customers through facility LCS while addressing a diverse range of needs
- Reduce costs and perform appropriate risk assessments to realize stability for the LCS business, and achieve this together with high profit productivity
- Invest the required resources to maintain and strengthen systems that take every possible precaution for safety and quality assurance
- · Continue strengthening personnel development and the business foundation, including partner companies, to achieve future growth

### Strengthen LCS in line with Customer Needs

- ◆Pursue customer satisfaction through a level of service diversification that is only achievable by a large construction company
- Strengthen LCC quantitative assessments together with proposal and service capabilities for the related reduction measures in line with facility longevity needs
- Strengthen service capabilities for LCA quantitative assessments
   + ZEB remodeling, energy creation, and energy management
   proposals, including PPA, in line with decarbonization needs
- Construct a system in anticipation of property management business development
- Address a range of various other customer needs (commissioning, carbon footprint, earthquake resistance, barrier free retrofitting, wellness services, etc.)
- Enhance the level of building service management by utilizing a maintenance management BIM and other forms of DX
- Provide long-term repair planning and building diagnosis services
- ◆Pursue the maximization of synergy effects through collaboration between the renewal business and the general building service management business

# Improve Productivity and Enhance Systems

#### ◆Use DX tools

- Share sales information, unit cost information (standard renewal unit price preparation), technological information (VECD proposals), and construction information through data system integration
- Maximize construction management efficiency by visualizing costs, processes, progress, and production track record
- · Roll out sales management nationwide, share information, and accelerate decision making by effectively using sales systems
- Roll out a maintenance management BIM by introducing renewal construction management systems and building management systems, and by using facility management software

### ◆Strengthen QCDSE management

- Based on the improvement of productivity through production process reform and the use of DX, secure the required personnel and realize optimal personnel assignments, including for back-office departments, and create an environment in which technical staff can concentrate on safety and quality control work (partial outsourcing of administrative tasks, change in roles of senior/administrative staff)
- · Roll out and utilize Al-based knowledge management tools
- Strengthen safety measures by analyzing disaster data in real time, and implement efficient safety education through the use of videos and e-learning

## 3-3-1-05. Energy Creation Initiatives



### **Quantitative Indicators**

	FY3/23 Results	FY3/26 Plan	FY3/31 Plan
Scale of renewable energy business development (cumulative total)	40 mw	80 MW	200 mw
Amount of investment (cumulative total)	¥4.5 billion	¥14.5 billion	¥30.0 billion
Amount contributed to consolidated financial results	_	¥0.1 billion	¥3.0 billion

- \* Scale of business development HAZAMA ANDO equity conversion
- \* Amount contributed to consolidated financial results is calculated as the sum of gross profit from non-consolidated operations, gain or loss on special-purpose companies, and equity in earnings (loss) of affiliates.

  Calculation of the amount contributed to consolidated results anticipated after 2026 following the construction of power plants, etc.

### Market Trend Forecasts

Continued expansion of the renewable energy market due to the promotion of policies aimed at realizing a carbon-neutral, decarbonized society by 2050

- Technological development relating to storage batteries and the utilization of hydrogen as well as an accelerated pace of CO<sup>2</sup> fixation technological development
- Development of renewable energy that can be used in carbon offsetting and promotion of the development of technologies that contribute to reduction of CO<sup>2</sup> emissions in supply chains

Following the revision of the National Strategic Special Zone Law , moves toward a super city concept and an accelerated pace in the realization of smart cities

### **Priority Measures**

Resolve social issues and achieve sustainable growth for the HAZAMA ANDO Group; promote the development and acquisition of renewable energy power plants

- ◆Solar power generation 50MW
- · Promote onsite and offsite PPA
- Promote the solar power generation business, including the acquisition of secondary projects

### ◆Biomass 20 MW

- · Promote the Sakaide Biomass Power Generation Project
- Utilize power generation and exhaust heat in collaboration with local lumber business operators and foresters
- ◆Small- and medium-output hydroelectric power 5MW
- Small- and medium-output hydroelectric power generation, etc. utilizing existing dams (domestic/overseas)
- ◆Onshore wind power, etc. 5MW
- · New, replace

Promote renewable energy-related technological development

◆Shift to self-consignment of power supply services, develop storage battery control technology

Acquire and roll out green hydrogen utilization know-how

## 3-3-1-06. Real Estate and Infrastructure Management Businesses



Quantitative Indicators						
	FY3/23 Results	FY3/26 Plan	FY3/31 Plan			
Amount of investment (cumulative total)	¥2.9 billion	¥12.9 billion	¥20.0 billion			
Amount contributed to consolidated financial results	¥0.2 billion	¥0.3 billion	¥0.6 billion			

<sup>\*</sup> Amount contributed to consolidated financial results excluding real estate sales, etc.;posted rental revenue target

PPP/PFI business operator selection More than 5 projects (three years)

### **Market Trend Forecasts**

Despite firm trends in housing construction investment, uncertainty persists due to the risk of rising interest rates and other factors against the backdrop of the lingering impact of COVID-19

### **Priority Measures**

Secure stable earnings, promote real estate-related business initiatives that contribute to collaboration with the construction business

Implement investments based on a cautious approach toward investment risks and business profitability

- ◆Improve asset value and secure stock through the FM business (effective use of Company-owned real estate)
- Following the Tohoku Branch Office Building, continue renovation of real estate under ownership
- ◆Promote public real estate utilization project (PPP/PFI) initiatives
- Promote the stock business on land owned by various entities including the government and universities

- ◆Participate in redevelopment projects in regional cities (create construction business opportunities)
- $\boldsymbol{\cdot}$  Collaboration and business alliance with partner companies
- ◆Promote real estate leasing business initiatives
- · Real estate value added
- Collaborate with construction business sales departments
- Undertake the referral of land and prior acquisition of commercial real estate

<sup>\*</sup> Amount contributed to financial results includes profits from existing businesses

# 3-3-1-07. Technology Research and Development



Quantitative Indicators						
	FY3/23 Results	FY3/24 Plan	FY3/25 Plan	FY3/26 Plan		
Amount of R&D investment * Including capital investment in research institutes	¥4.0 billion	¥4.1 billion	¥2.0 billion	¥2.0 billion		

### **Technology Development Trend Forecasts**

Increase in the pace of technology development needs that help improve productivity and contribute to addressing shortages in the labor force

- · Use of robotics, AI, and DC at the construction phase
- · Deepening the system of cooperation with BIM/CIM

R&D investment growth that contributes to the achievement of SDGs and resolution of other social issues

- · Carbon neutrality (CN); green transformation (GX)
- · National land resilience; disaster prevention and mitigation
- · Infectious disease response technology
- · Large-scale infrastructure renewal technology

### Our Strengths

- Possession of specialty construction technologies in urban civil engineering construction (including shield and large-scale excavation work)
- Possession of DX-based automated and advanced technologies (i-NATM®) for use in mountain tunnel construction
- Possession of specialty technologies (including radiation waste treatment technology, large cross -section incision technology: WJ segment method))
- Possession of environmentally friendly technologies, including next-generation energy management systems

## 3-3-1-07. Technology Research and Development



### **Priority Measures**

Technology development that contributes to improvements in productivity, safety, and competitiveness as well as addressing shortages in the labor force

# ◆Enhance the sophistication and labor-savings of construction technology and management that employ ICT, BIM/CIM, DX, robotics, and AI

- Highway renewal Further deepen floor slab replacement work and tunnel renewal technologies
- Mountain tunnel civil engineering Build a mountain tunnel data integration platform (i-NATM® advanced construction management system)
- Urban civil engineering
   Enhance the sophistication of large cross-section non-excavation tunnel construction methods and under-road construction technologies
- Develop automation technologies using unmanned construction equipment and develop automated material transportation systems
- Enhance the sophistication of BIM/CIM-related 3D technologies and improve the efficiency of construction management by using image analysis
- Develop and standardize ICT tools for labor-saving on-site management
- · Work toward the digital transformation of cost estimation
- Roll out productivity improvement technology that utilizes PCa materials

# Technology development that contributes to the achievement of SDGs

### ◆Carbon neutrality (CN); green transformation (GX)

- · Develop CARBON POOL Concrete
- Develop technologies to promote the use of environmentally friendly concrete
- · Develop, demonstrate, and roll out next-generation ZEB
- · Promote the renewal ZEB-related technologies
- Demonstrate, deepen, and roll out next-generation energy management systems
- · Technologies compatible with energy shift
- Develop and demonstrate technologies that take into account more widespread use of wood in urban construction

# ◆National land resilience; disaster prevention and mitigation; natural disasters

- Develop ground improvement methods and high-performance construction management technologies that relate to national land resilience
- Develop high-performance seismic isolation structures for major earthquakes

### ◆Infectious disease response technology

 Develop air quality management technologies that contribute to suppressing the spread of infectious diseases and enhancing comfort

### Basic technology research, etc.

### ◆Disposal of radioactive waste

- · Develop analysis evaluation technologies
- Develop technologies for ascertaining physical properties of ground around deep underground spaces

### ◆Environmental technologies

- Conduct social implementation R&D for general waste solidification disposal sites
- · Develop biomass ash utilization technologies

### ◆Refurbishment of Technical Research Institute

- · Renew large shaking tables
- · Install centrifugal loading test equipment

### ◆Technology and R&D structure and systems

 Implement a rotation system in accordance with human resources development plans

### 3-3-1-08. Group Business



Quantitative Indicators						
	FY3/23 Results	FY3/24 Plan	FY3/25 Plan	FY3/26 Plan		
Operating Profit	¥1.5 billion	¥0.9 billion	¥2.1 billion	¥2.8 billion		
Net Sales	¥27.4 billion	¥31.0 billion	¥30.2 billion	¥30.2 billion		

<sup>\*</sup> Operating profit represents profit by Groups business segments.

### Group Business Management Policies and Priority Measures

### Management Policies

- Achieve sustainable growth of the HAZAMA ANDO Group as a whole by expanding the revenue base of each Group company
- Achieve fairness and integrity in our business by promoting sustainable management throughout the Group as a whole and taking full responsibility for corporate actions
- · Promote cost reductions by optimizing business processes throughout the Group

### **Shared Measures**

- · Increase productivity through the use of DX tools, and expand the scope of initiatives by sharing information and strengths
- Recruit human resources and hold joint training (compliance, safety and quality, etc. (accounting, legal, screening, etc.))
- · Reduce costs by integrating overlapping processes

### Simultaneously Expand Business Scale and Improve Profitability

- ◆Hazama Ando Kogyo: Sale of construction materials, manufacture and sale of PCa, insurance, office support
- Engage in the full operation of the three PCa plants held (expand and diversify PCa products, including shield segments and slabs)
- · Strengthen profitability, productivity, and cost competitiveness by introducing automation and efficiency technologies to PCa plants
- Strengthen the Group's procurement capabilities by upgrading and expanding materials and improving trading company functions

### ◆Aoyama Kiko: Specialized foundation construction

- · Contribute to the Group's sales and profit by upgrading and expanding construction equipment held and aggressively developing the foundation construction business based on accumulated technologies and knowledge
- ◆Ryoko Kaihatsu: Real estate, development
- · Support the construction business and upstream operations through Group collaboration
- · Secure stable rental income through the systematic replacement of real estate holdings
- ◆Three overseas subsidiaries: Construction business, development of BIM models
- Develop services that align closely to customers' needs as a local base that collaborates with Japan
- · Improve BIM modeling development capabilities through collaboration with companies specializing in BIM and construction drawing plans

<sup>\*</sup> Net sales represents sales to external customers.

# 3-3-1-09. Partner Companies



### **Quantitative Indicators**

· Orders placed with regular members\* : 90% or more

\*Partner companies that form the core of HAZAMA ANDO's construction activities and lay the foundation for the Company's construction quality and safety

 Provide support based on the results of a needs assessment survey of cooperative association members Support recruitment activities
 Provide education and training support: Six times a year, total of 100 persons per year

· CCUS card clock-in rate: 70% or more

### Priority Measures

### ◆Strengthen relationships with cooperative association members

- Undertake the stable and planned placement of orders by sharing information on medium- to long-term projects at an early stage to help stabilize the business of partner companies
- · Provide necessary cooperation and support in conducting needs assessments

### ◆Provide support in addressing digital transformation

 Reduce workload through various measures including the provision of DX technology and by supporting the introduction of Buildee; implement other measures to reduce cash flow burdens including upfront investment

### ◆Promote measures aimed at securing a labor force

- Implement measures to reduce the burden of recruiting staff and technicians at partner companies (provide recruitment activity tools, jointly organize on-site tours and skills experience programs for students)
- Reduce workload through joint safety and quality training (conduct various training and education programs using training facilities)
- · Support the hiring and education of foreign workers
- · Undertake eight or more closures in four weeks at worksites; Improve the working environment, beginning with efforts to promote women's empowerment
- · Improve the compensation of technicians
- · Provide conditions that make it easier to work by standardizing operations at all worksites

# 3-3-1-10. Production System Reform through DX



### Vision (2030 DX VISION)

### Realize diverse work styles

- Expand the freedom of working locations and times through remote control and remote support
- · Improve self-fulfillment while at work and work-life balance
- · Allow for work styles that suit the lifestyles of each individual

### Realize the expansion of capabilities

- Accelerate the pace of the work proficiency of young on-site employees by expanding capabilities through the use of IT
- · Promote the development of IT and DX skills through reskilling

### Innovate (create new value)

- Enhance the sophistication of environmental technologies and energy management services
- Roll out resources generated through improvements to productivity in the core business, including those from routine work automation

### **Priority Measures**

# Promote digitalization and employ efficiency and automation technologies

### **◆**Digitalize on-site operations

- Enhance the sophistication of 3D technologies and improve the efficiency of construction management by using image analysis
- Develop, employ, and standardize various DX and ICT tools that will help enhance the sophistication and improve the efficiency of on-site QCDSE management
- · Realize high-speed construction by using robotic technologies
- Digitalize and visualize construction related information encompassing such items as safety and quality
- Develop automation technologies using unmanned construction equipment and develop automated material transportation systems
- · Automate production processes at PCa plants owned by the Group
- Share information in real time by developing and introducing communication tools
- Enhance the sophistication of remote control and remote support technologies by using high-speed communications technologies (5G)
- Improve accessibility by centralizing and converting accumulated information to Web-based formats

### **◆**Digitalize administrative tasks

- $\cdot$  Digitalize and centralize human resources data
- · Automate routine work by using RPA
- Promote the shift to paperless and cloud operations in an ongoing manner (including the transition to electronic business transactions)
- $\cdot$  Improve efficiency through work flow systemization and visualization

### Utilize data and build data infrastructure

- Centralize and analyze data as part of safety and quality management
- Enhance the sophistication of safety and quality management by introducing Al knowledge management tools
- · Apply real-time analysis for safety and quality related data

### ◆Actively use data in sales activities

- Enhance the sophistication of project management and customer management by fully using sales systems
- ◆Promote data use in civil engineering construction
- Share and centralize management of on-site information by building a data integration platform
- Promote data use in building design, cost estimation, and construction
- Coordinate design and cost estimates by using BIM, and accelerate the pace of estimates by using a simplified approximation system
- · Minimize waste by visualizing BIM-LEAN resource data

# ◆Coordinate LCS business construction data and building management service data

- Share sales information, unit cost information, technology information, and construction information through data coordination
- · Maximize construction management efficiency by visualizing costs, processes, progress, and production track record
- Roll out a maintenance management BIM by introducing renewal construction management systems and building management systems, and by using facility management software

### Secure IT and DX personnel

### Provide occupation-specific IT reskilling education

- Formulate and implement IT and DX training plans tailored to site operation departments and management departments
- · Promote IT and DX literacy in a bottom-up manner
- Encourage acquisition of information system qualifications (IT Passport, etc.)
- · Education and promotion activities for IT tool use

# ◆Educate, promote, and hire highly-skilled IT and DX personnel

- · Actively recruit and appropriately assign mid-career employees
- Strengthen personnel development for those with high levels of system development and management capabilities, data analysis capabilities, Al application capabilities, and cyber security management capabilities

# ◆Introduce and use a centralized education management system

- · Accelerate the pace of reskilling through the use of systems
- Realize education that can be received anywhere at any time by using e-learning

# 3-3-1-11. Partner Strategy



Quantitative Indicators						
Plan	FY3/23 Results	FY3/24 Plan	FY3/24 Plan	FY3/26 Plan		
Investment total	¥0.1 billion		¥10.0 billion			

### **Priority Measures**

- Further expand the areas of expertise and strength for the construction business, expand fields to peripheral businesses, and strengthen fields that require supplementing (upstream and downstream areas, work types, applications, etc.)
- · Form alliances in priority areas of business outside of construction, such as the renewable energy business and the real estate business
- · Strengthen the business foundation for overseas operations and form alliances with partner companies that help promote localization

## 3-3-2. Increasing the Value of Human Capital



### **Quantitative Indicators**

Item FY3/23 FY3/26 Results plan		Remarks	
Employee engagement score	72%	At least 80% Medium-Term Management Plan 2025 KPI	Positive response rate to engagement related items through employee surveys
Investment in human resources (including such items as training expenses)	_	Compared with FY3/23 Increase of ¥5.5 billion	<ul> <li>Review of compensation standards coupled with the upgrade and expansion of benefits</li> <li>Upgrade and expand training content</li> </ul>
Number of certified employees	_	Holders of each qualification Increased by at least 10%	First-class architect, engineer, and other qualifications
Number of female managers	29 persons	60 persons	Manager: Assistant manager (equivalent to manager class) and above

We aim to be a company that values its employees more than any other in the construction industry

### Realize well-being

In order for a company to grow together with its employees, each individual employee must achieve well-being

We will maximize the value of our human capital by placing well-being at the core of our measures and by investing actively in our people

### **Priority Measures**

### ◆Increase employee compensation

- · Review compensation (salary, bonus, etc.) standards
- Upgrade and expand benefits (introduce benefits to enhance work-life balance, enhance benefits according to labor environments, etc.)

# Reconstruct human resources systems and evaluation systems to be highly credible

- · Review human resources systems with a focus on well-being
- · Review personnel evaluation systems and assessment standards

### **♦**Promote health management

- Provide total support for maintaining and improving employee health (physical, mental)
- Expand medical checkup expense subsidies for employees and their families (spouses)

# ◆Improve the compensation of employees rehired after retirement

- · Review compensation systems and standards
- · Work to secure employment opportunities up to the age of 70

### ◆Promote work-style reforms

- · Promote diverse work styles for those working outside the office
- $\cdot$  Reduce overtime hours worked and promote use of holiday leave

### ◆Support autonomous career formation

- Improve incentives to acquire qualifications by enhancing various measures, including benefits for qualification holders (provide support for various course attendance expenses and time to attend)
- $\cdot$  Support for first-class architecture licensing: Revise options for new employee training (external courses) to realize timely licensing
- Support for engineer licensing: Provide support for external course attendance and enhance internal support systems to realize timely licensing
- · Offer career formation support based on a self-reporting system

# Improve knowledge and skills, and enable reskilling by providing different learning options

- Graduate school attendance by employees, etc.: Promote graduate school attendance by employees in selective and open-enrollment programs
- · IT skills and language, etc.: Newly establish various training systems

#### ◆Select young employees and provide early training

- · Develop leaders for the next generation
- · Revise promotion standards to enable early promotions

### ◆Foster and instill a culture of mutual education, challenge, and creativity

- · Roll out and disseminate new employee training policies
- · Implement new occupation-specific education plans

### **♦**Instill integrity

· Implement integrity education on an ongoing basis

### ◆Promote initiatives for human rights management

- · Formulate and disseminate human rights policies
- · Augment human rights education and training

### ◆Promote diversity and inclusion

- · Increase the percentage of female employees and managers
- $\cdot$  Expand the hiring of people with disabilities
- Prepare human resources systems and rules that make it easy for employees to work, regardless of gender, nationality, ability or disability, or years of service, etc.

# 3-3-3. Promoting ESG Management



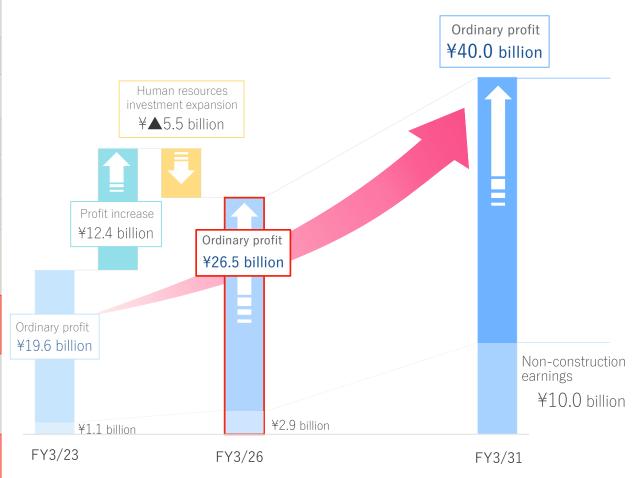
		Quantitative Indicators	Priority Measures
Environment	Contribute to the Realization of a	FY3/31 GHG emissions (compared with FY3/18) Scope1+2 Reduce by at least 55% Scope3 Reduce by at least 33%	<ul> <li>Reduce scope 1 and 2 GHG emissions by 34% or more and scope 3 GHG emissions by 21% or more in FY3/26, based on the revised 1.5° C scenario to achieve carbon neutrality in 2050</li> <li>Continue to address recommendations under the TCFD framework; promote measures aimed at raising the Group's CDP evaluation ranking</li> </ul>
	Decarbonized Society	Scale of renewable energy business development 80 MW (HAZAMA ANDO equity conversion)	• Contribute to the decarbonization of business activities by the Company and customers as well as society as a whole by promoting energy creation (see 3-2-1-05.) and rolling out energy -saving technologies (see 3-2-1-02,04,07)
	Increasing the Value of Human Capital	Human resources investment (compared with FY3/23) ¥5.5 billion increase	<ul> <li>Promote measures aimed at improving compensation, reviewing education and training systems, increasing employee engagement as well as reforming and diversifying work styles (see 3-2-2.)</li> </ul>
Social	Address the issue of human rights	Rate of education and training attendance 100%	· Augment education and training including the supply chain based on the human rights policy
	Promote regional development	3 cases or more (three-year cumulative total)	<ul> <li>Promote projects that provide new solutions that enhance the attractiveness of the region, including decarbonization and job creation to resolve issues confronted by the region</li> </ul>
	Transition to a company with an audit and supervisory committee, etc.	Ratio of external Board directors A majority Ratio of female Board directors 30% or more	<ul> <li>Further enhance corporate governance by strengthening the supervisory function of the Board of Directors</li> <li>Improve the agility of business execution by accelerating the pace of management decision -making</li> </ul>
Governance	Establish the Sustainability Committee, etc.	Promote ESG management at four annual meetings	<ul> <li>Engage in activities that help address issues related to sustainability for the Group as a whole as an advisory body to the Board of Directors</li> <li>Identify human rights issues, develop and implement a system for identifying and assessing risks (human rights DD), and actively disclose details</li> </ul>
	Reduce policy shareholdings	anies, excluding cases where holdings can contribute to an increase in corporate value, by significance of holding shares from the perspective of capital efficiency as well as maintaining siness partners	

# 4-1. Performance Targets (Consolidated)



Cons	Consolidated Financial Results					
	FY3/23 Results	FY3/24 Plan	FY3/25 Plan	FY3/26 Plan		
Net sales	¥372.1 billion	¥400.0 billion	¥422.2 billion	¥438.2 billion		
(Of which the non-construction business)	¥26.2 billion	¥31.2 billion	¥32.7 billion	¥34.6 billion		
Gross profit	¥42.0 billion	¥43.5 billion	¥47.7 billion	¥50.3 billion		
Selling, general & administrative expenses	¥22.1 billion	¥23.0 billion	¥23.9 billion	¥23.2 billion		
Operating profit	¥19.8 billion	¥20.5 billion	¥23.8 billion	¥27.1 billion		
(Of which attributable to the impact of human resources investment expansion) * Compared with FY3/23	_	¥▲3.5 billion	¥ <b>▲</b> 5.5 billion	¥ <b>▲</b> 5.5 billion		
Ordinary profit	¥19.6 billion	¥19.7 billion	¥23.0 billion	¥26.5 billion Medium-Term Management Plan 2025 KPI		
(Of which the non- construction business) * Figures in parentheses are the ratios of non-construction earnings to ordinary profit.	¥1.1 billion (6.1%)	¥0.9 billion (4.6%)	¥2.1 billion (9.1%)	¥2.9 billion (10.9%)		
ROE	10.8%	10%	11%	12% Medium-Term Management Plan 2025 KPI		

Consolidated Ordinary Profit and Investment in Human Resources



Final Fiscal Year of the Medium-Term Management Plan: Performance-Related Key KPIs (Consolidated)

Ordinary profit ROE Total return ratio ¥ 26.5 billion 12% or more 70% or more

# 4-2. Growth Investment Plan



Undertake growth investments of ¥100 billion or more over the 11-year period from FY3/21 to FY3/31

Plan to invest approximately ¥40.0 billion over the next three-year period (cumulative total ¥60.0 billion) in the Energy business, Real estate business, Partner strategic investment, Innovation investment, Technology development investment, Other

		FY3/21-FY3/23 <u>Results</u>	FY3/24-FY3/26 Plan	FY3/27-FY3/31 Plan	<u>Cumulative</u> <u>Total</u>
Energy	· Renewable energy business	¥45 hillion	¥100 billion	¥15.5 billion	¥30.0 billion
	· Power purchase agreement (PPA) business	11.0 51111011	110.0 51111011	TIO.O SIMOT	
Real estate	· Facility management (FM) business assets owned	¥29 hillion	¥10.0 billion	¥7.1 hillion	¥20.0 billion
business	· Profitable property acquisition	12.5 billion	110.0 51111011	TT.I DIMOT	120.0 billion
Partner strategic investment	· Alliances with business partners in Japan and overseas	¥0.1 billion	¥10.0 billion	¥4.9 billion	¥15.0 billion
Innovation investment, technology development investment, Other	<ul> <li>Collaboration with start-up companies and new business investment</li> <li>Technical Research Institute refurbishment, etc.</li> <li>Technology development investment</li> <li>Venture capital investment</li> </ul>	¥11.6 billion	¥10.0 billion	¥13.4 billion	¥35.0 billion
	Total amount	¥19.1 billion	¥40.0 billion	¥40.9 billion	¥100.0 billion

# 4-3. Cash Allocation

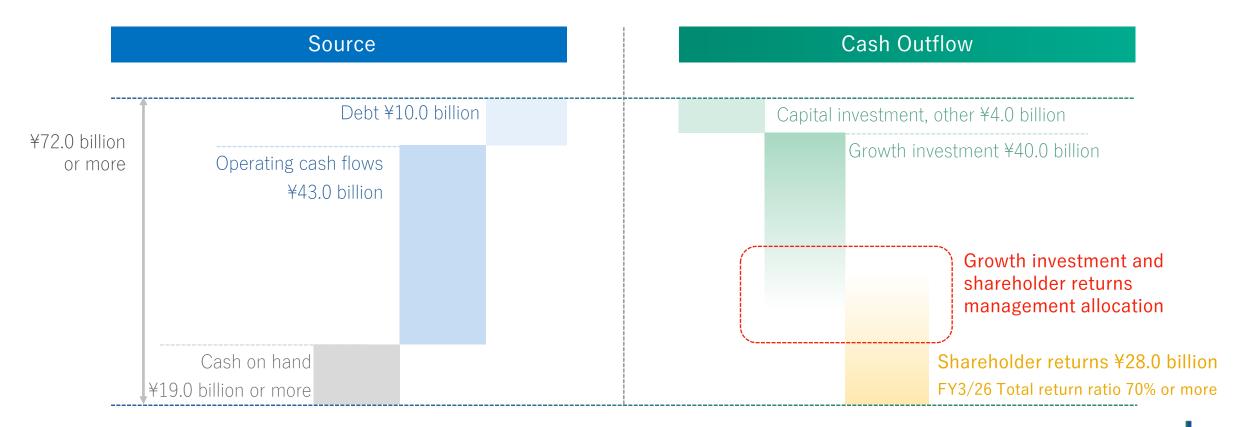


◆ Financial strategies that help increase corporate value and enhance the Company's appeal

\* Target a total return ratio of at least 70%, undertake the flexible purchase of own shares taking into account business performance and financial conditions

\* Medium-Term Management Plan 2025 KPI

Three-Year (FY3/24-FY3/26) Cash Allocation





#### ■ Disclaimer

Numerical targets and other forward-looking statement contained in this documents are based on information available to the Company at the time of preparation and certain assumptions that it considers reasonable. These forward-looking statements are therefore subject to various risks and uncertainties.

Accordingly, actual results may vary significantly from numerical targets and other forward-looking statements due to a variety of factors including changes in the economic and business environments in which the HAZAMA ANDO Group operates.

### **Appendix**



### Major Achievement (FY3/21-FY3/23)

### **ESG** initiatives

- ZEB related
- ■Acquired Net-ZEB certification

2022 Tohoku Branch Office FM Business Portion

■Acquired Nearly ZEB certification

2022 Technical Administration Building, Kawagoe Works, TOYOCHEM CO.,LTD.

■ Acquired ZEB Ready certification

2021 Asaka Plant Project, Shindengen Electric Manufacturing Co., Ltd.

■ Acquired ZEH-M Oriented certification

2022 Tohoku Branch Office FM Business Rental Apartment Building Portion

- Established a ZEB demonstration area and commenced operations at the Technical Research Institute (2020)
- · Selected as a CDP2022 supplier engagement leader (CDP Worldwide Japan)

Selected in FY3/23

· Awarded the 2022 Cogeneration Grand Prize in the Consumer Use Category (Advanced Cogeneration and Energy Utilization Center of Japan)

Technical Research Institute Next-Generation Energy Project FY3/23

· Certified as a Health and Productivity Management Outstanding Organization (White 500) (Jointly sponsored by Japan's Ministry of Economy, Trade and Industry and the Nippon Kenko Kaigi)

Certification acquired in March 2023

### **Building Construction business related**

- Acquired BIM BSI Verification certification (BSI Group Japan) Acquired certification in FY3/23
- · Received the BCS Award (Japan Federation of Construction Contractors) Kumamoto Castle Special Tour Passage in FY3/23
- · Received the Good Design Award (Japan Institute of Design Promotion) Asaka Office, Shindengen Electric Manufacturing Co., Ltd. in FY3/23
- · Received the Seismic Retrofit Excellence in Architecture Award (Japan Building Disaster Prevention Association)

Kuroshima Cathedral anti-seismic work (important cultural asset) in FY3/22

### Civil Engineering business related

· Received the Civil Engineering Award (Japan Federation of Construction Contractors)

Takao River Underground River Improvement Project in FY3/23

· Received the Japan Construction Machinery Construction Excellence Award (Japan Construction Machinery and Construction Association)

ICT construction using remote technology in a mountain tunnel in FY3/23

· Received the Outstanding Civil Engineering Achievement Award (Japan Society of Civil Engineers)

FY3/21 Group I Realized the early opening of disaster recovery roads by applying the ECI method in construction of the Futaenotoge

> Group II Takao River Underground River Improvement Project —Underground river development directly under a river flowing through a densely populated residential area—

FY3/22 Group I Japan's first ICT construction using remote technology in a mountain tunnel

(Tamashima Kasaoka Road Rokujoin tunnel construction)