# **Three Business Models That are Challenging** the Future of Our Infrastructure

The INFRONEER Group is focusing on three business models to solve infrastructure challenges through its business while also maintaining business growth and aiming to achieve a world where there's no limit to what can be asked of and what can be delivered by infrastructure services.

# **Overview of Business Models**

INFRONEER is focusing on three business models to deal with each of the following themes: "construction × de-construction," "comprehensive system × area expansion," and "capital recycling."

In pursuit of establishing business models that enable sustained growth unaffected by external factors such as the economy and policies, we will aggressively promote the integrated infrastructure service company model, which offers a comprehensive range of infrastructure management services from upstream to downstream, as the Group's overall priority strategy while capitalizing on the strengths of the three business companies. The Group's robust business capabilities are applicable to approaching various fields by utilizing expertise accumulated over many years of engaging in business development and operations; professionals possessing diverse and rich knowledge and experience; and financial competence based on minimization of life-cycle costs and accurate risk assessment. With these advantages, we intend to maximize our competitiveness while creating a highly profitable and stable revenue base.

# "Construction" × "De-construction"

# Reinforce strength, create opportunities, and expand revenues

While aiming to stabilize and expand our own revenue, we will take business risks and improve our corporate value through the creation of added value and the continuous provision of infrastructure services to society that can be realized because we are an integrated infrastructure service company.

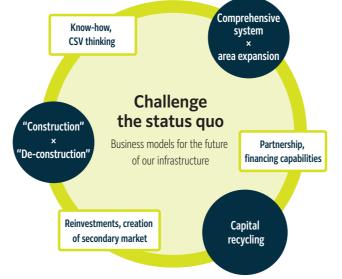
#### "De-construction"

By leveraging the engineering capabilities and financial expertise we have cultivated, "de-construction" business enables us to minimize risks and generate large returns. Specifically, it involves concession projects of acquiring the right to construct, operate, maintain, and manage public infrastructures such as airports, water supply and sewerage systems, and toll roads. It also includes such businesses as renewable energy projects of making investments in everything from business development and construction to maintenance, management, operation, and sales.

#### "Construction"

The "construction" business represents a pillar of INFRONEER and its key strength. The robust engineering capabilities built up over many years will provide us an essential advantage for promoting the "de-construction" business for reducing business risks and reducing costs. In this sense, strong "construction" business capabilities are important for maximizing returns from engaging in "de-construction" businesses.

▶ For details of each business segment, visit our website at: https://www.infroneer.com/jp/company/integrated\_report/segment/index.html (in Japanese)



Finance, regional networks,

Operations, maintenance

Utilize advantages and

"De-construction"

and management

expand revenue

Capture and create

opportunities

partnerships

1

"Construction"

ingineering capabilities

intain, strengthen,

and differentiate advantages

(4)

**Reinvestments and** 

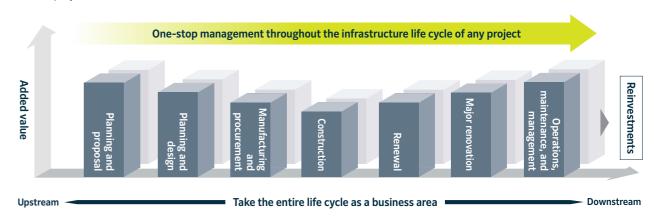
technical developments

# **Comprehensive System × Area Expansion**

# Alliance companies × Group companies × Cooperating companies = 🚥

#### **Comprehensive system**

Taking the entire life cycle of the infrastructure, including planning proposals, construction, operation, maintenance, management, and reinvestments, we strive to achieve consistency, maximize the value added throughout the infrastructure life cycle and the value chain, and maintain and expand the Company's revenue base.

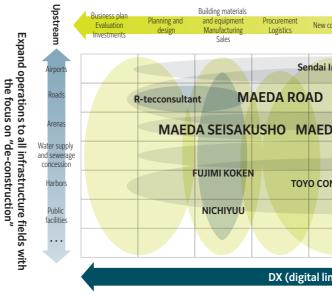


#### Area expansion

In order to increase corporate value through our growth strategy, we will expand our business through M&A and alliances, in addition to the growth of our own business and that of cooperating companies. By expanding our business into a variety of infrastructure fields, including roads, airports, water supply and sewerage concession, and combining multiple fields, we will be able to provide more comprehensive and efficient services to towns and cities, and to all of society. As a result, we will contribute extensively to solving various problems faced by the government, local governments, and private business owners.

### Integrated Infrastructure Service Company





▶ For details of infrastructure management projects, visit our websites at: https://www.infroneer.com/en/company/ourbusiness.html

					Doy
construction	Renewal	Maintenance Repair	Infrastructure management	Reinvestments	Nns
		Management	management		Downstream
Internati	onal Airport				
		Aichi Road	Concession		
DA CO	RP.	S		al Infrastruct Management	
		ndustrial Wat Sewage Conc			
NSTRUC	TION				
		JM			
nks/bac	k office)				•

# **Capital Recycling**

# **Creation of Added Value through Capital Recycling**

Capital recycling represents the business model by utilizing our engineering capabilities cultivated over many years and the financial know-how we have acquired through forming domestic and international business partnership, with the goal of promoting reinvestments and creating secondary markets.

#### Reinvestments

Based on our engineering capabilities and financial know-how, reinvestments entail creating a capital flow from taking risks to invest in an infrastructure development project, constructing facilities, and managing the project to be able to generate long-term returns. The project is then transferred principally to pension funds, which pursue stable investment performance, with the goal of using gains on the transfer of the project to invest in new projects.

#### Secondary market creation

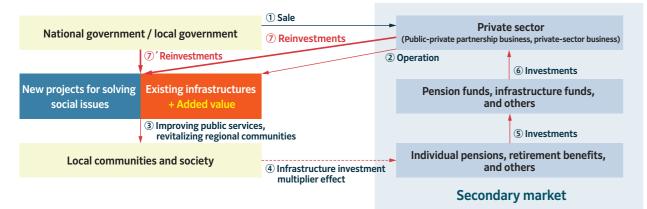
We transfer equity stakes to pension funds and other investors while continuing to engage in the operation, maintenance, and management of infrastructure that increases its added value over time and generates stable returns, with the aim of revitalizing the infrastructure investment market.

▶ For details on secondary market creation projects, visit the following websites: Building new infrastructure business platforms https://www.infroneer.com/jp/news-article/2022/07/05/524.html (in Japanese) Structuring equity income funds for the infrastructure investment market in Japan https://www.infroneer.com/jp/news-article/2022/07/05/523.html (in Japanese)

We are aiming to establish business as an integrated infrastructure service company to implement these business models effectively and ensure a highly profitable and stable revenue base, with an eye to addressing social issues associated with infrastructure while achieving our sustained growth.

We believe this will enable us to contribute to solving social challenges relating to the entire nation, such as pension financing, in addition to infrastructure-related issues.

#### Take on new challenges to address social issues through capital recycling



INFRONEER will promote the strategy of taking investment risks to develop infrastructure projects to generate long-term returns based on its engineering capabilities for building and infrastructure construction by engaging in a comprehensive range of processes from planning, design, construction, operation, maintenance, and management. This strategy is expected to produce a number of benefits as follows in alignment with the chart above.

- ① National and local governments sell the rights to operate government-owned infrastructure facilities to private companies, including INFRONEER, to undertake necessary maintenance and renewal work. By purchasing the operating rights, private companies take business risks. INFRONEER draws on its engineering capabilities and financial know-how to mitigate such risks and reduce costs.
- ② Right-holding companies operate the infrastructure facilities under the agreement, drawing on the business know-how of the private sector while expertly demonstrating engineering capabilities to implement renewal work (for added value).
- 3 The infrastructure renewal is expected to raise the quality and comfort of living in the local communities, encouraging population inflow and regional revitalization. (1) Infrastructure investment multiplier effect is expected to improve the fiscal position of the national and local governments. It also brings additional benefits,
- such as employment creation and building a stable basis of livelihood, as well as having a positive ripple effect on individual pensions and retirement benefits. (5) Through pension funds and infrastructure funds, individual pension and retirement plans are targeted as a primary investment destination, which basically
- pursue long-term stable investment performance. ( INFRONEER transfers equity stakes chiefly to pension funds, which basically pursue stable investment performance, while continuing to engage in the
- operation, maintenance, and management of the infrastructure in order to provide sustainable and optimal infrastructure services.
- ⑦ Private companies can take on new projects to solve social issues based on profits earned from infrastructure transfer gains as well as maintenance and renewal.
- The national and local governments can use gains on the transfer of the operating rights acquired in the process 🛈 to invest in new projects for solving social issues.

# **INFRONEER's Competitive Advantages**

To achieve perpetual growth of the entire Group, we have set the medium- to long-term goal of becoming an integrated infrastructure service company. Toward this end, we are taking on the challenge of transforming to a business model that enables us to maintain stable and high profitability continuously by expanding business areas while leveraging the strengths of the three business companies in operating existing businesses. We are promoting this endeavor with Group companies, cooperating companies, and co-creation partners, with the aim of realizing our vision of creating "a world where there's no limit to what can be asked from and what can be delivered by infrastructure services."

#### Holding Company Structure

Previously, the major business companies of the INFRONEER Group faced constraints, particularly related to resource efficiency, when tackling social challenges individually. To remedy this situation, the three companies decided to shift to the holding company structure so that MAEDA CORP., MAEDA ROAD, MAEDA SEISAKUSHO, and INFRONEER Holdings could demonstrate team synergy throughout the Group.

INFRONEER is responsible for medium- to long-term strategy planning for the entire Group, ensuring stable capital through IR activities, and enhancing our business portfolio through effective capital allocation. Furthermore, with a focus on business management based on growth and capital profitability, we aim to build a system that achieves Group-wide added value and ROE goals through timely decision-making. In addition to being able to focus on their own core businesses as well as operating autonomously, the companies will accelerate collaborative participation in high-compatibility business areas that had previously been difficult for individual companies, and improve corporate value for the entire Group.

### Utilizing Regional Networks of Business Companies to Create Synergy throughout the Group

Making use of domestic and international sales offices and local business networks built by the Group's individual business companies in various regions, we facilitate the sharing of sales information and referral of customers between companies, seeking out new business opportunities.

We use the existing networks of Group companies to obtain a foothold in carrying out global business development in new regions, ensuring efficient market expansion with minimized risks.

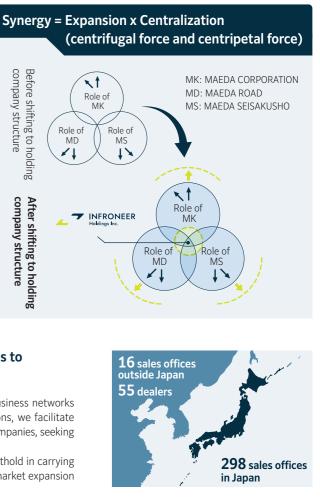
#### Collaboration with and Support for Business Partners

In addition to internal strengthening through M&A and the like, we will accelerate problem-solving in a wider range of areas through business alliances to supplement areas in which we are deficient, collaborative and joint technical development with partner companies that share our strategies, and investment in business partners that understand our strategies. In addition to establishing long-term partnerships by enhancing our economic and human resources as well as technical support for cooperating companies, we will proactively develop future partners through investment in promising venture companies.

#### Business Portfolio Management

In pursuing the enhancement and utilization of the strengths of "construction" and "de-construction" as well as promoting the expansion of segments and areas (enrichment), we intend to accelerate reforms through strict business portfolio management by INFRONEER Holdings and through DX. We will evaluate each business by combining market growth potential with ROIC, and optimize the allocation of management resources based on timely and rational judgments and decision-making.







To achieve our goal of creating "a world where there's no limit to what can be asked from and what can be delivered by infrastructure services," it is important to conduct appropriate information disclosure and stake-holder dialogues. We have had dialogues and communication with stakeholders in various ways, and will continue to do so to maintain good and smooth relationships and build relationships of trust with stakeholders. Based on such relationships, we will encourage joint efforts to pursue common benefits and create long-term value, thus contributing to generating social value.

For other articles on stakeholder dialogues and opinions in addition to the following, visit the sustainability page of our website at: https://www.infroneer.com/jp/sustainability/ (in Japanese)

Investors

We hosted seminars for

individual investors in Tokyo,

Osaka, and Nagoya, the

three major cities in Japan,

attracting a total of 521

participants over three days.

The seminar gave a one-

stabler and higher share prices.

**Employees** 

## **Major Dialogues**

#### Local Community (Municipality)

FBS and MAEDA CORP. formed a joint venture to undertake a contract for comprehensive management services, including maintenance and



mandatory inspections, for public facilities owned by Joso City, Ibaraki Prefecture, and started operations in April 2020. Subsequently, the joint venture and the Joso City Office had a number of study sessions on the management of public facilities and infrastructure. As a result, INFRONEER Holdings and Joso City signed a comprehensive cooperation agreement in September 2022 to improve civil services by utilizing public facilities and infrastructure functions. We will continue with dialogues with the city office with the objective of offering value in terms of a safe and secure social and local environment and sustainability.

#### Local Community (University)

In commemoration of our first issue of the integrated report in FY2022, we held a discussion inviting Professor Shoichi Tsumuraya from Hitotsubashi

University's Graduate School of Business Administration to talk about the essential purpose and appropriate systems of corporate information disclosure. To improve our corporate value utilizing objective evaluations of experts, we aim to increase stakeholders' understanding and engagement by presenting our views and directions. The company's website posts past dialogue sessions with experts, which are made available from the corporate communications archive Infroneer AtoZ. Visit the Infroneer AtoZ page at: https://www.infroneer.com/en/company/atoz/



We organized the national conference of female employees in the construction sector, which was attended by 158 female employees. The event ran a number of programs, such as reports on employ-



ment situations and company systems; briefings on duties and career paths of various job categories, given by representatives of each job category; a panel discussion; and lectures by Outside Director Murayama to discuss on the theme of "what should be aimed at by diversity and inclusion initiatives." We will continue working to create a workplace environment befitting a diversity-orientated employer.

hour presentation on the earnings summary and future strategies

of INFRONEER. We provide IR information to individual investors

in a meticulous way to correct information asymmetry and aim to

increase the appetite of such investors, which constitutes a driver for

## **Stakeholder Remarks**

#### Investors

As an investment management firm, we at Marathon Asset Management have maintained regular meetings with MAEDA Corp. at their respective offices in London and Tokyo since before the company became INFRONEER Holdings. We have high regard for INFRONEER as one of the Japanese companies that are evolving with an eye on the future, including management's focus on the growth areas of concessions/PPP and renewables. The most recent news that the company is starting a group-wide Employee Share Ownership Plan is a progressive initiative.



Simon Somerville Portfolio manager of Japanese equities Marathon Asset Management LP (U.K.)

# **INFRONEER's Primary Stakeholder Communication Channels**

In recent years, there has been a rise in public expectations for businesses to address social issues, which have been increasingly becoming complicated and severe. To accurately understand these social expectations and promote initiatives aimed at achieving a sustainable society, we strive to ensure effective communication with stakeholders while building relationships of trust. The following is an excerpted list of our major means of communication with stakeholders.

Investors, ra (loyal sha		Policy (INFRONEER's responsibilities, stakeholders' expectations)	Major engagement opportunities	enhancing governance • Timely and appropriate information disclosure • Appropriate shareholder returns • Improvement in corporate value • Building relationships of trust through proactive dialogues	
		Ensure sustainable growth and medium- to long-term improvement in corporate value by holding constructive dialogues and reflecting their requests in management.	Investor presentationQuarterly reportingQuarterly     Issuance of financial reporting/quarterly reportingQuarterly     Issuance of the integrated reportAnnual     Corporate governance reportAs needed     Information disclosure to ESG ratings agenciesAs needed     Information disclosure to ESG ratings agenciesAs needed     Visiting and having individual interviews with institutional investors in     and outside of JapanAs needed     Ordinary general meeting of shareholdersAs needed     Issuance of the investor newsletterSemiannual		
	Local communities	Be aware of being a member of the local community, have com- munication with each community on an ongoing basis, and carry out various activities to solve social and regional issues. Form partnerships with NPOs and NGOs to promote collaborative projects to contribute to solving social issues.	Cooperation with economic organizations and trade organizations — As needed     Dialogues with NPOs and NGOs As needed     Cooperation with international initiatives As needed     Dialogues with municipalities and local communities As needed     Town meeting with local residents As needed     Offering site/facility tours As needed     Cooperation/sponsorship for social contribution activities As needed     Support to post-disaster reconstruction efforts As needed     Sponsorship and hosting events for sports promotion, regional revitalization,     and SDGs-related activities As needed	<ul> <li>Contribution to local communities, mutually beneficir relations with local communities</li> <li>Solutions to issues faced by each community</li> <li>Improving employees' awareness of CSR through encou aging their participation in social contribution activities</li> </ul>	
	Customers	Accurately grasp needs of cus- tomers, challenge conventional infrastructure business models, and offer optimal services and innovative solutions to custom- ers around the world, thereby winning the trust of society.	Customer satisfaction survey (construction performance evaluation score)     As needed     Day-to-day sales activitiesAs needed     Regular meetings (for construction projects)Periodical     Inspection of buildingsPeriodical     Trade exhibitions and eventsAs needed     Issuance of PR magazines, etcAs needed     Information disclosure through the websiteAs needed     Collecting user feedback via telephone and websiteAs needed     Issuance of the integrated reportAnnual	<ul> <li>Provision of optimal infrastructure services</li> <li>Safe and secure social and local environment</li> <li>Sustainable social and local development</li> <li>Solutions to issues faced by customers</li> <li>Appropriate management of customer information</li> </ul>	
	New hires and their families (recruitment)	Implement Group-wide human resources recruitment and devel- opment strategies, with the aim of promoting sustained growth of individuals and organizations. Proactively recruit industry-ready professionals and enter new business areas in a timely manner.	Information distribution via "talentbook" and Instagram (Group common)	<ul> <li>Improving the quality and quantity of the recruiting base through increased name recognition and understanding of to INFRONEER Group among existing and potential job seeker</li> <li>Offering a solution to the social issue of outstanding stude loans while providing economic support to applicable em- ployees of the company and increasing their engagement</li> <li>Tackling workforce shortages in the construction industry and ensuring recruitment and developmen of engineers for the company</li> <li>Promoting industry-academia collaborative R&amp;D and em- phasizing the significance of this activity when carrying out recruiting activities to arouse the interest of students in the company</li> </ul>	
	Cooperating companies, alliance partners	Promote activities jointly to address issues related to health and safety as well as quality while fostering part- nerships and building relationships of trust. Make joint efforts to secure employment of future workers. Engage in free and equitable compe- tition and fair business transactions while promoting efforts to solve envi- ronmental and social issues throughout the entire supply chain, thereby solidifying relationships of trust.	Awards program for cooperating companies — As needed     On-site safety education — As needed     Study sessions on quality management for cooperating companies     As needed     Successor training programs — As needed     Support for recruitment activities — As needed     Website operation of and support for Team-Z (network of cooperating     companies) — As needed     Holding online exhibitions — As needed     Making facilities of ICI Center available for public use — As needed     Conducting supplier evaluations on an ongoing basis — As needed     Setting up whistle-blowing channels — As needed	<ul> <li>Implementing measures to achieve a safe workplace (including those for foreign national workers [multilin- gual safety education programs and multilingual posts</li> <li>Fair evaluation of technical skills and for career de- velopment (career path program; internal technical qualification program)</li> <li>Development of future workers</li> <li>Promotion of co-creation projects</li> <li>Addressing issues related to legal compliance, human rights, and the environment throughout the supply cha</li> </ul>	
inner	Employees and their families	Respect the individuality of each employee and create an appropri- ate workplace environment and company systems to promote di- versity and increase job satisfaction. Develop mindsets for challenging the conventional way of thinking and having an out-of-the-box way of viewing things to make changes as a way to achieve corporate growth.	Holding town meetings (at 13 locations) — Annual Holding philosophy dissemination sessions — As needed Conducting joint new employee orientations — Annual Self-evaluation and reporting — Semiannual Conducting ES surveys and publishing survey results — Annual Setting up whistle-blowing channels — As needed Collection and distribution of management information via the Group website As needed Online distribution of investor presentations to all officers and employees INFRONEER Group's group newsletter — Annual Expanding the lineup of benefits eligible for employees' families — As needed	<ul> <li>Development and utilization of human resources</li> <li>Appropriate personnel evaluations (revision of evaluation systems)</li> <li>Improving corporate culture (promoting teleworking introducing free-seating office)</li> <li>Providing diverse workstyle options, supporting work-life balance</li> <li>Creating a safe and comfortable workplace environme</li> <li>Health promotion and maintenance of employees, prevention of mental health disorders</li> <li>Legal compliance, respect for human rights, etc.</li> </ul>	
Earth		View the Earth as an important stakeholder and work to support people's rich and safe lifestyles through infrastructure service, aiming for sustainable develop- ment of the company and society.	Regularly disclosing data on environmental impact (issuance of inte- grated report, etc.) Annual     Development of ecological technologies and products — As needed     Activities and donations through "dividends for the Earth" - As needed     Cooperation/sponsorship for social contribution activities – As needed     Dialogues with NPOs and NGOs — As needed     Internal eco point system "Me-pon" — As needed	Compliance with environmental laws and regulation     Response to climate change     Building a circular society     Biodiversity conservation     Provision of ecological products (LEAB, bio heavy oil, etc	





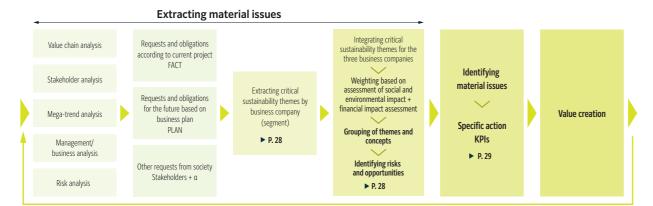
We have identified the following six materiality issues to quickly promote and implement initiatives to solve social issues as well as to improve corporate value and contribute to society as a whole permanently by pursuing and offering added value on an ongoing basis.

Creating a safe, secure, and more comfortable society		<b>Building a socie</b>	ty that is proactively conscious of the environme
Strengthening value chain Building a so		ciety that is con	scious of protecting our environment
Value-creating human capital and		mutual respect	Strengthening governance

# Identifying Issues for Our Materiality Assessment

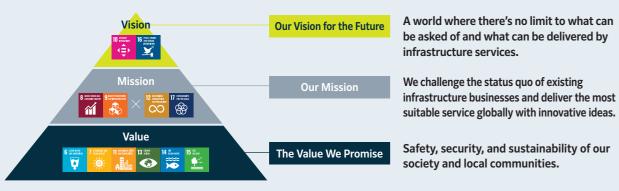
In FY2022, after transitioning to a holding company structure, INFRONEER set up a Sustainability Committee comprised of representatives of the three business companies. To add to discussions undertaken by management and by the Board of Directors, INFRONEER asked committee members, who work in a variety of fields at the three business companies, to discuss solutions to social issues and identify specific material issues that should be addressed over a period of roughly six months.

To give our stakeholders a broader understanding of the challenges surrounding infrastructure and the activities of INFRONEER, the material issues have been summarized in the form of simple and easy-to-understand expressions. We have also been careful to clarify the links between our business plan, each business segment, and the priority issues. In view of changes in the environment and the views and expectations of our stakeholders, we will continue to review and identify the issues that are material to our business through discussion.



# Implementing SDGs and VMV

In addition to the relationship between individual material issues and the SDGs, INFRONEER, as a provider of infrastructure services, also links its own VMV to the SDGs. Our mission (MISSION) is to create value directly and indirectly through initiatives, business content, domains, and value chains (VALUE), as well as to identify what society as a whole can achieve through our initiatives and businesses (VISION).



## **Important Themes**

ent

To identify material issues, we have extracted, compiled, and evaluated important themes related to the entire Group.

✓ Generation of electricity using renewable energy and construction of power generation facilities	Strengthening collaboration with partner companies/strengthening of supply capacities and improving productivity
Promoting design, construction, and manufacturing of (respectively) construction methods, equipment, and products with reduced environmental impact (ZEB, wooden construction, geothermal, and others)	Improving public benefit for local communities/preferential in- region procurement
Reducing greenhouse gas emissions across the entire value chain	Improving the working environment and conditions of workers/ promoting safety and health
✓ Reducing use of raw materials derived from fossil resources	Promoting diversity in the workplace and expanding career opportunities
✓ Reducing the environmental impact of manufacturing plants	Prevention of illegal work/forced labor (support for foreign laborers)
Conserving biodiversity	Improving understanding of human rights and preventing violation
Improving the utilization rate of recycled materials and working to achieve zero waste	Enhancement and promotion of education and training
✓ Management and proper disposal of hazardous substances	☑ Promoting disaster prevention and mitigation
Appropriate management of water resources	Strengthening governance
Reducing emissions of harmful substances into the atmosphere	Solution of compliance and prevention of unfair competition and corruption
Management of specific chemicals in building materials	✓ Information security
Promoting construction methods and the development, sales, and construction of products that contribute to improving functionality and comfort (buildings, bridges, tunnels, roads, dams, and others)	Customer privacy
Promoting design, construction/development, and manufacturing of (respectively) construction methods, technologies, and products that save labor and contribute to efficiency on the construction site	✓ Promoting support for ESG across the entire supply chain
Expanding our infrastructure management business contribution to solving social issues (through the concession business)	Strengthening of risk management
Ensuring the safety and quality of buildings, structures, and products	
sks and Opportunities	

evalu management issues.

The management issues identified were studied and debated by the Group's management team and directors, including outside directors, and issues of particular importance were designated as such by the Board of Directors.

▶ For details on risk management, see page 47.

For risks and opportunities, visit our website at: https://www.infroneer.com/jp/company/integrated\_report/materiality.html (in Japanese)

# Materiality & KPIs

	Three Strategic Pillars	Materiality	Sub-issues	2030 Medium- to Long-term Goals (Achievement Vision)	KPIs (Targets for FY2030)	FY2022 Results
		Creating a safe, secure, and more comfortable society	<ul> <li>Expanding our infrastructure management business contributing to solving social issues (through the concession business)</li> <li>Ensuring the safety and quality of construction (buildings, bridges, tunnels, roads, dams, and others)</li> <li>Promoting construction methods and the development, sales, and construction of products that contribute to improving functionality and comfort (buildings, bridges, tunnels, roads, dams, and others)</li> <li>Promoting disaster prevention and mitigation</li> </ul>	<ul> <li>Enhance portfolio and increase profitability</li> <li>Earn high ratings from customers (quality, safety, functionality, comfort, and value-added proposals)</li> </ul>	Operating profit ratio between "construction" and "de-construction": 50:50	80:20
					<building construction=""> Customer satisfaction survey: 80 points or higher out of 100 points</building>	Survey started from FY2023
					<civil engineering=""> Construction performance rating: 80 points or higher out of 100 points</civil>	82.4 points
	Estab				<road civil="" engineering=""> Customer satisfaction survey: 80 points or higher out of 100 points</road>	Construction: 88.0 Product: 85.5
Solv	lishing a n	able society			<machinery> Customer satisfaction survey: 4 or higher on a 5-point scale</machinery>	3.4
ing social issu	Establishing a new revenue base	9 is p	Generating electricity using		Develop facilities generating cumulative total of 1 million MWh/year (1,000 GWh/year) of power	546,000 MWh/year (546 GWh /year)
ues throu	ase P. 38		renewable energy sources and construction and operation of power generation facilities • Promoting design, construction, and manufacturing of (respec- tively) construction methods, products, and equipment that reduce environmental impacts (ZEB, wooden construction, and others)	<ul> <li>Grow businesses involved in renewable energy</li> <li>Strengthen efforts for design and construction facilities that contribute to realizing carbon neutrality</li> </ul>	Design and construction ratio (building construction) 70% (3-year average)	66.5% (3-year average)
gh our infra					Amount of carbon fixed by adopting wooden struc- tures and buildings 2,000 t-CO <sub>2</sub> /year	600 t-CO <sub>2</sub> /year
Solving social issues through our infrastructure servi		of the environment			ZEB adoption rate for non-residential design and construction projects 40%	20%
ces business		Improving public benefit for of loc		<ul> <li>Expand local recruitment rate of locally based employees and intra-regional orders</li> </ul>	Active employment of local human resources	Rate of local employment in SPC employees hired for concession projects operated by MK 56.5%
SS	Productivity reforms P. 37	<ul> <li>Strengthening collaboration with partner companies/ strengthening of supply capacities and improving productivity (hiring and training of workers)</li> <li>Promoting design, construction/ development and manufacturing of (respectively) construction methods, technologies, and products that save labor and products that</li></ul>	<ul> <li>Improve the supply capacity of partner companies and train workers</li> <li>Enhance labor productivity, efficiency, and optimization on the construction site</li> </ul>	Construction career advancement system site registration rate for FY2023: 100%	Business registration rate: 73% Registration rate of technicians: 71% Registration rate at the registration site: 100%	
			development and manufacturing of (respectively) construction methods, technologies, and products that save labor and	<ul> <li>Appropriate allocation of management resources by maximizing operational efficiency and minimizing SG&amp;A expenses through economies of scale</li> <li>Accelerate development of certified technologies and products that save labor and contribute</li> </ul>	Net sales of completed construction contracts per person ¥137 million/person (civil engineering) ¥153 million/person (building construction)	¥106 million/person (civil engineering) ¥105 million/person (building construction)
			contribute to efficiency on the construction site		ROIC is being formulated	5.3%
				that save labor and contribute to an efficient construction site	Early formulation of certified technical standards In preparation * To be completed by September 2024	_

: Materiality	Sub-issues	2030 Medium- to Long-term Goals (Achievement Vision)	KPIs (Targets for FY2030)	FY2022 Results
Building a society that is conscious of protecting our environment P. 49	<ul> <li>Reducing greenhouse gas emissions across the entire value chain</li> <li>Reducing use of raw materials derived from fossil resources</li> <li>Improving the utilization rate of recycled materials to achieve zero waste</li> <li>Conserving biodiversity</li> </ul>	<ul> <li>Reduce greenhouse gas emissions across the entire value chain</li> <li>Introduce non-fossil fuel certificates to the entire company</li> <li>Reduce greenhouse gas emissions from plants</li> <li>Reduce waste in new construction projects</li> <li>Reduce waste at plants significantly</li> <li>Improve the utilization rate of recycled materials in new construction projects</li> <li>Establish a management system for biodiversity conservation</li> <li>Develop preservation technology for biodiversity</li> <li>Continue forestry activities and development</li> </ul>	Reduce greenhouse gases (Compared to FY2018) Scopes 1 and 2 40% reduction by FY2030 Substantially zero emissions by FY2050 Scope 2 Utilization rate of renewable energy (electrical power) RE60 in FY2030 RE100 in FY2050 Scope 3 40% reduction by FY2030 Waste discharged from new construction projects Improve compared with previous fiscal year/total amount basis Usage rate of recycled materials in new construc- tion projects Improve compared with previous fiscal year/total amount basis Amount of dividends for the Earth to contribute to maintaining biodiversity and ecosystem service Increase from previous fiscal year	<ul> <li>-15.7%</li> <li>55.4%</li> <li>-47.6%</li> <li>▶ See page 61 for results in previous fiscal year.</li> </ul>
Value-creating Human Capital and Mutual Respect P. 53	<ul> <li>Education for the Group's human resources strategy (increasing and improving training)</li> <li>Improving the working environment and conditions of workers/promoting safety and health</li> <li>Promoting diversity in the workplace and expanding career opportunities/ improving understanding of human rights and preventing violations</li> <li>Prevention of illegal work/ forced labor (support for foreign laborers)</li> </ul>	<ul> <li>Give each employee the full training required</li> <li>Improve rate of leave utilization for family reasons and the like</li> <li>Ensure appropriate working hours</li> <li>Maintain physical and mental health of workers</li> <li>Create an attractive workplace</li> <li>Improve the employment rate of persons with disabilities, female employees, and skilled female employees</li> <li>Ensure that all employees respect human rights and can make appropriate actions</li> <li>Continue to ensure legitimate working conditions for all foreign workers employed on construction sites</li> </ul>	Improve employee engagement by building a corporate culture and system in which diverse personnel play an active role Strengthen our advantages and create more room for us to grow (weaknesses) (Feedback and implementation of measures) Improve the employment rate of female employees Increase from previous fiscal year Zero major accidents Reduce frequency rate Keep frequency rate below 0.6 up to FY2030 (MK) Implement human resource training to improve individual skills 100% participation in required training	17.3% Frequency rate: 0.56 Strength rate: 0.42 97.9%
Strengthening Governance P. 45	<ul> <li>Building an effective governance system</li> <li>Observance of compliance and prevention of unfair competition and corrup- tion</li> <li>Information security</li> <li>Customer privacy</li> <li>Strengthening of risk</li> </ul>	<ul> <li>Form a Board of Directors with a majority of outside directors</li> <li>Operate the Nomination Committee, and Audit Committee</li> <li>Promote ESG initiatives under the leadership of the Sustainability Committee</li> <li>Build a governance system that can be trusted by stakeholders</li> <li>Reduce the number of serious legal violations to zero</li> <li>Eliminate serious information security breaches</li> <li>Eliminate customer data breaches</li> </ul>	Strengthen the governance function by introducing a Nomination Committee into the company system Outside director ratio: 50% Appoint independent outside directors as chairpersons of the Board of Directors and of the Nomination, Compensation, and Audit Committees Implement PDCA under a Sustainability Com-	Outside director ratio: 55.5% (5 people/9 people) Appoint independent outsic directors as chairpersons of the Board of Directors and the Nomination, Compensa tion, and Audit Committees Number of Sustainability
	Building a society that is conscious of protecting our environment P. 49 Value-creating Human Capital and Mutual Respect P. 53 Strengthening Governance P.	Building society that is conscious of protecting our environment is conscious of protecting our environment P.49 <ul> <li>Reducing greenhouse gas emissions across the entire value chain</li> <li>Reducing use of raw materials derived from fossil resources</li> <li>Improving the utilization rate of recycled materials to achieve zero waste</li> <li>Conserving biodiversity</li> </ul> Improving the utilization of the Group's human resources strategy (increasing and improving training)   Improving the vorking environment P.49   Improving the working environment and conditions of worker/promoting safety and health   Improving the spect P.50   Improving the spect P.50 <td>Materiality         Sub-issues         Medium- to Long-term Goals (Achievement Vision)           Wateriality         Sub-issues         Medium- to Long-term Goals (Achievement Vision)           Weiling or output         - Reducing greenhouse gas emissions across the entire value chain         - Reduce greenhouse gas emissions across the entire value chain           • Reducing greenhouse gas emissions across the entire value chain         - 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Continue to ensure legitimate work- ing conditions for all</td> <td>Materiality         Sub-issue         Madium: to long-term Gala (Achievement Wision)         KPIs (Targets for P2238)           Materiality         Sub-issue         Medium: to long-term Gala (Achievement Wision)         KPIs (Targets for P2238)           Materiality         Sub-issue         Peduce greenhouse gas emission across the entre value chain         Sope 3 (Wireduction by P72030 Sub-larially) zero emissions by P7203           Materiality         Peduce greenhouse gas emissions across the entre value chain materials formed from team construction projects         Peduce greenhouse gas emission across the provise the utilization rate of recycled materials in movie the utilization rate of recycled materials in the entre compared with previous focal year/total acrount basis         Sope 3 40% reduction by P72030           Sope 3 40% reduction by P72030         Sope 3 40% reduction by P72030         Sope 3 40% reduction by P72030           Sope 3 40% reduction by P72030         Sope 3 40% reduction by P72030         Sope 3 40% reduction by P72030           Sope 3 40% reduction by P72030         Sope 3 40% reduction by P72030         Sope 3 40% reduction by P72030           Sope 3 40% reduction by P72030         Sope 3 40% reduction by P72030         Sope 3 40% reduction by P72030           Sope 3 40% reduction by P72030         Sope 3 40% reduction by P72030</td>	Materiality         Sub-issues         Medium- to Long-term Goals (Achievement Vision)           Wateriality         Sub-issues         Medium- to Long-term Goals (Achievement Vision)           Weiling or output         - 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Continue forestry activities and development           • Promoting diversity in the workplace and expanding or human rights and preventing violation of neuring reaccorportunities/ improving understanding of human rights and prevention of unfair oropetito and fulfications         - Continue to ensure legitimate work- ing conditions for all	Materiality         Sub-issue         Madium: to long-term Gala (Achievement Wision)         KPIs (Targets for P2238)           Materiality         Sub-issue         Medium: to long-term Gala (Achievement Wision)         KPIs (Targets for P2238)           Materiality         Sub-issue         Peduce greenhouse gas emission across the entre value chain         Sope 3 (Wireduction by P72030 Sub-larially) zero emissions by P7203           Materiality         Peduce greenhouse gas emissions across the entre value chain materials formed from team construction projects         Peduce greenhouse gas emission across the provise the utilization rate of recycled materials in movie the utilization rate of recycled materials in the entre compared with previous focal year/total acrount basis         Sope 3 40% reduction by P72030           Sope 3 40% reduction by P72030         Sope 3 40% reduction by P72030         Sope 3 40% reduction by P72030           Sope 3 40% reduction by P72030         Sope 3 40% reduction by P72030         Sope 3 40% reduction by P72030           Sope 3 40% reduction by P72030         Sope 3 40% reduction by P72030         Sope 3 40% reduction by P72030           Sope 3 40% reduction by P72030         Sope 3 40% reduction by P72030         Sope 3 40% reduction by P72030           Sope 3 40% reduction by P72030         Sope 3 40% reduction by P72030

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Top Message

**Business Models** 

Growth Strateg

Sustainability

Corporate Data



# Six Business Foundations to Support Growth

Among the various types of business foundations that constitute a source of value creation, we attach particular importance to the following six types: human capital; financial capital; business know-how; domestic and international bases; long-term partnerships; and natural capital. While enhancing each of these business foundations built up over many years, we are promoting their efficient and effective combination with the objective of facilitating sustainable development of society and the Earth as well as the Group's sustained growth.



#### Human resources who can create value through passion

We are working on the continuous production of value-creating human resources who can attain professional growth through autonomous learning activities and various experiences and take the initiative in co-creation with various partners in pursuit of business success. We are also striving to promote workplace diversity and engagement by improving our recruitment competitiveness, nurturing human resources through various opportunities, and fostering an employee-oriented corporate culture that pursues higher work motivation and satisfaction.

▶ For details of value-creating human resources, see page 55.





### Offensive and defensive financial management

As a challenger to the status quo for the future of our infrastructure, we will promote aggressive, occasionally even risk-taking, investment policies. For investments in new businesses, increasing financial leverage, principally through borrowings, is expected to raise a return on investment in comparison with equity. At the same time, we need to secure a sound financial base in order to ensure ongoing investment activities. For this purpose, we will manage our D/E ratio, equity ratio and other financial indicators, while conducting financing activities appropriately according to the situation based on good relationships with our financial institutions and investors. ▶ For specific financial data, see page 59.



# **Business Know-how (Intellectual Capital)**

### Consolidation and upgrading know-how accumulated by individual companies

For 100 years, the three businesses companies of the INFRONEER Group have been involved in infrastructure businesses that support the growth and development of regional communities and society. To anticipate and respond quickly to the diverse infrastructure needs that are changing with the times, each company has cultivated its engineering capabilities and expertise and acquired financial know-how through engaging in challenging new projects. Enhancing these strengths, we have pursued mutual growth with regional communities and society while improving our corporate value. Going forward, while endeavoring to further reinforce the major business domains—civil engineering, building construction, road civil engineering, infrastructure management, and machinery-we will realize synergistic effects across the Group as an integrated infrastructure service company in a bid to challenge the status quo for the infrastructure.

▶ For details of each business segment, see our website at: https://www.infroneer.com/en/company/ourbusiness.html

# Domestic and International Bases (Manufacturing Capital)

### **INFRONEER** bases and regional network that realize comprehensive responses

In addition to the headquarters of each business company in Japan and overseas, INFRONEER has its own base and regional network that realize comprehensive responses such as our sales offices for MAEDA ROAD and the satellites (franchise companies) of JM (a 100% subsidiary of MAEDA CORP.). We aim further to strengthen our business base and ensure our competitive advantage by utilizing and collaborating with this regional network.



## Partnerships for establishing business as an integrated infrastructure service company

In the major segments of civil engineering, building construction, and road civil engineering, we form partnerships with many specialized construction companies. For this purpose, we mobilize our large network of cooperating companies, which are known for their established track record and trust and are capable of stable and high-quality performance. In the infrastructure operation segment, we expand our business areas both upstream and downstream through forming international alliances with leading players in the relevant fields. In the process, we have earned the trust of the client base, including government agencies, real estate companies, transportation infrastructure operators, and energy developers.

SEI

Cooperating companies (number of member companies)	Civil engineering and building constr Road civil engineering segment: Kyo
Alliance partners	Nippon Telegraph and Telephone Cor Fukuoka Jisho Co., Ltd., GL events, AE and others
Customers	Government agencies, real estate co companies, and others



## Treating the Earth as a valuable stakeholder

Because we are conducting business activities with the benefits provided by the Earth's resources, we set aside 2% of our consolidated net income as "dividends for the Earth" in the same concept as we pay dividends to our shareholders. We do not simply contribute funds as a company but we also promote activities that actively involve our employees and their families while collaborating with local communities and NPOs. We also administer the in-house eco point system "Me-pon" to visualize individual environmental activities.

> ▶ For details on "Me-pon," see page 52 or visit our website at: https://www.infroneer.com/jp/sustainability/environment/ (in Japanese)

MAEDA CORP.	<ul><li>44 domestic bases</li><li>(16 head office and branches, 28 sales offices)</li><li>15 overseas bases</li></ul>	
MAEDA ROAD	226 domestic bases (13 head office and branches, 112 sales offices, 101 plants) No overseas base	
MAEDA SAKUSHO	<ul> <li>28 domestic bases</li> <li>(1 head office, 27 branches, sales offices, and plants)</li> <li>1 overseas base, 55 dealers</li> </ul>	
JM	<b>14 domestic bases</b> (34 satellite offices) <b>3 overseas bases</b>	

(As of March 2023)

ruction segment: Zenyu-kai (567 companies) oei-kai (95 companies), Rekiyu-kai (56 companies)

rporation, Tokyu Corporation, Accenture Japan Ltd, EG, Suez, Whole Earth Foundation, Macquarie Group Limited,

ompanies, transportation infrastructure companies, energy

