

This is Falling Water (Kaufmann House), one of the 20th-Century Architecture of Frank Lloyd Wright and the world heritage sites in The United States, where Taikisha has overseas affiliates.

The First Half of FY2021 Financial Results Briefing

Nov 16,2021

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1. Business environment and Achievements for the First Half of FY2021

2. Earnings Forecast for FY2021



1. Business environment and Achievements for the First Half of FY2021



1 Business environment and Achievements for the First Half of FY2021

Business environment of H1

<u>In Japan</u>

Demand for the construction of office buildings in the Tokyo area was strong, and investment by pharmaceutical and electronic component manufacturers was also steady.

<u>Overseas</u>

As uncertainty due to the impact of COVID-19 still persisted, manufacturers continued to be cautious in their capital investment.



1 Business environment and Achievements for the First Half of FY2021

Consolidated performance of H1

(Hundred millions of ven)

	Original expectation	Results of H1 FY2021	Change		
Orders-received	940	879	-60		
Net sales of completed construction contracts	920	924	4		
Ordinary income	27	35	8		
(Ratio)	2.9%	3.9%	0.9%		
Profit attributable to owners of parent	17	16	-0		
(Ratio)	1.8%	1.8%	-0.0%		

- The orders-received fell short of the initial forecast for the whole Group as the adjustment phase of capital investment overseas in both Green Technology System and Paint Finishing System divisions still continued due to the impact of the spread of COVID-19.
- Ordinary income exceeded the initial forecast as Green Technology System Division compensated for the loss in the Paint Finishing System Division.
- Profit attributable to owners of parent fell slightly short of the initial forecast due to the worsening profitability of overseas subsidiaries and the increased burden of income taxes.



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(Hundrod millions of yon)

2 Earnings Forecast for FY2021

Consolidated Earnings Forecast for FY2021

	Results of H1	Expectations of H2	Latest expectation of FY2021	Original expectation of FY2021	Difference	
Orders-received	879	1,420	2,300	2,440	-140	
Net sales of completed construction contracts	924	1,125	2,050	2,180	-130	
Ordinary income	35	64	100	135	-34	
(Ratio)	3.9%	5.7%	4.9%	6.2%	-1.3%	
Net income	16	43	60	84	-24	
(Ratio)	1.8%	3.8%	2.9%	3.9%	-0.9%	

- We have revised our full-year earnings forecast in light of the H1 results and recent business environment.
- All items are expected to fall short of the initial forecast.
- The main reasons for this were the impact of the spread of COVID-19 overseas and the worsening profitability of overseas subsidiaries.



1. Explanation about the First Half of FY2021

- 1) Highlight of the First Half of FY2021
- ② Results of Green Technology System Business
- **3 Results of Paint Finishing** System Business

- Main projects in Order/ Sales / Carried forward
- **(5)** Earnings Forecast for FY2021

2. Initiatives of each strategy in mid-term business plan (FY2019-2021)

3. Shareholders returns

- 1. The mention numerical value is in principle consolidated basis. In the case of non-consolidated basis, it is noted on the title of the page.
- 2. Achievements numerical value is in principle a business amount of money for the external customers. Only about operating income and ordinary income according to the segment, it becomes the numerical value including the intersegment turnover.
- 3. The forecasted figures are based on available information as of the date of this announcement. It includes economic trends, intense competition in the industry, market demand, exchange rate, reforms of the tax system and various systems, and various other risks and uncertainties. Therefore, please note that actual results may differ from our expectations.



1. Explanation about the First Half of FY2021



1

1-①. Orders-received by Business Component (Previous year comparison) (Hundred millions of yen) 2021.9 2020.9 2021.9 Change results Paint **Building** (Overseas) **Orders-received** 945 879 -65 245 199 (27.9%)(22.7%) (449) (546)(96) (Japan) Paint (-162)(Overseas) (495) (333)(Japan) Industrial 65 Green Technology 594 614 19 (7.4%) Industrial (Japan) Building HVAC 161 245 83 235 (Overseas) (26.8%) 133 368 Industrial HVAC 433 -64 (15,2%) (238)(235)(-3)(Japan) (Overseas) (194) (133)(-61)2020.9 Paint Finishing 350 264 -85 results (Japan) (49)(65)(15)Building Paint 161 (300)(-101)(Overseas) (199)(Overseas) (17.1%)300 In the building HVAC segment, although the impact of capital investment shortage due to the (31.8%)

 In the building HVAC segment, although the impact of capital investment shortage due to the spread of COVID-19 was huge in the H1 of FY2020, this year the orders-received increased because of large-scale redevelopment projects in the Tokyo area.

• The orders-received of the industrial HVAC segment and Paint Finishing System Division decreased as a result of a reactionary decline from the large orders-received overseas in the H1 of FY2020, as well as the continued adjustment phase of capital investment due to the economic downturn caused by the spread of COVID-19.

Industrial

(Overseas)

194

(20.6%)

Paint

(Japan)

49

(5.2%)

Industrial

(Japan)

238

(25.2%)

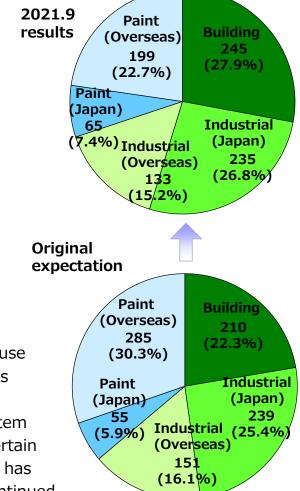


Component

Highlight of the First Half of FY2021

1-2. Orders-received by Business (Expected comparison) (Hundred millions of yen) Result of Original Change expectation H1 FY2021 **Orders-received** 940 879 -60 (Japan) (504)(546)(42)(Overseas) (436)(333)(-102)Green Technology 600 614 14 **Building HVAC** 245 35 210 Industrial HVAC 390 368 -21 (-3) (Japan) (239)(235)(-17) (Overseas) (151)(133)340 264 -75 Paint Finishing (55)(65) (Japan) (10)(Overseas) (285)(199)(-85)

1



•In the building HVAC segment, the orders-received exceeded the forecast because we were able to steadily capture demand for large-scale redevelopment projects mainly in the Tokyo area.

•In the overseas market in the industrial HVAC segment and Paint Finishing System Division, we had expected COVID-19 to end within FY2021 and factored in a certain amount of postponed projects; however, the impact of the spread of COVID-19 has lasted longer than expected and the adjustment phase of capital investment continued.

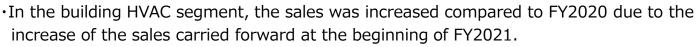




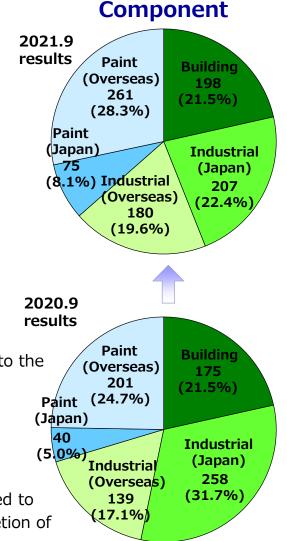
2-1. Sales by Business (Previous year comparison)

	(Hundred m	nillions of yen)	
	2020.9	2021.9	Change
Net sales of completed construction contracts	815	924	108
(Japan)	(474)	(481)	(6)
(Overseas)	(341)	(442)	(101)
Green Technology	573	587	13
Building HVAC	175	198	23
Industrial HVAC	397	388	-9
(Japan)	(258)	(207)	(-51)
(Overseas)	(139)	(180)	(41)
Paint Finishing	242	337	94
(Japan)	(40)	(75)	(34)
(Overseas)	(201)	(261)	(59)

(Green Technology System Business)



- •In the industrial HVAC segment, the overseas sales increased, but the total sales decreased.
- (Several large projects made significant progress in the H1 of FY2020 in Japan.) (Paint Finishing System Business)
- •Although the sales carried forward at the beginning of FY2021 decreased compared to FY2020, the sales was increased compared to FY2020 due to the timing of completion of construction. 12 Copyright 202

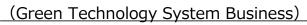


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2-2. Sales by Business (Expected comparison) (Hundred millions of ven)

(Hundred millions of yen)						
	Original expectation	Result of H1 FY2021	Change			
Net sales of completed construction contracts	920	924	4			
(Japan)	(450)	(481)	(31)			
(Overseas)	(470)	(442)	(-27)			
Green Technology	600	587	-12			
Building HVAC	180	198	18			
Industrial HVAC	420	388	-31			
(Japan)	(214)	(207)	(-6)			
(Overseas)	(206)	(180)	(-25)			
Paint Finishing	320	337	17			
(Japan)	(56)	(75)	(19)			
(Overseas)	(264)	(261)	(-2)			



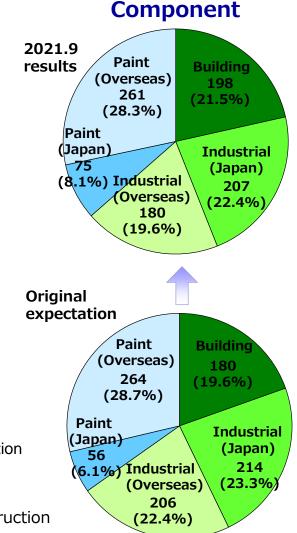
1

•The sales of the building HVAC segment exceeded the annual forecast due to an increase in the progress of large-scale redevelopment projects.

• The sales of the industrial HVAC segment fell short of the forecast because the construction schedule of large-scale projects delayed due to the spread of COVID-19 overseas.

(Paint Finishing System Business)

•The sales exceeded the forecast due to greater progress than expected in construction in Japan.



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3-1. Profit by Business (Previous year comparison)

	(Hundred millions of yer				
	2020.9	2021.9	Change		
Operating income	31	27	-4		
(Ratio)	3.9%	3.0%	-0.9%		
Green Technology	42	30	-11		
(Ratio)	7.4%	5.3%	-2.1%		
Paint Finishing	-10	-5	5		
(Ratio)	-4.5%	-1.6%	2.9%		
Ordinary income	37	35	-1		
(Ratio)	4.6%	3.9%	-0.7%		
Green Technology	44	33	-11		
(Ratio)	7.8%	5.7%	-2.1%		
Paint Finishing	-10	-4	6		
(Ratio)	-4.4%	-1.2%	3.1%		

(Green Technology System Division)

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•The ordinary income declined compared to FY2020 due to the reduction in the proportion of high profitable projects as well as the increase in SG&A expenses such as amortization of goodwill of Nicomac Taikisha Clean Rooms Private Limited in India, which was acquired last year.

(Paint Finishing System Division)

(•The ordinary income in the H1 of FY2020 resulted in a current account deficit due to the reduction in the proportion of high profitable projects with stiff competition.)

•Compared to FY2020, deficit decreased in the H1 of FY2021 along with the increase of sales. However, it is resulted in a current account deficit because profitability deteriorated for Geico's projects in Europe.



3-2. Profit by Business (Expected comparison)

(Hundred millions o					
	Original	Results of	Change		
	expectation	H1 FY2021	Change		
Operating income	23	27	4		
(Ratio)	2.5%	3.0%	0.5%		
Green Technology	24	30	6		
(Ratio)	4.0%	5.3%	1.3%		
Paint Finishing	1	-5	-6		
(Ratio)	0.3%	-1.6%	-1.9%		
Ordinary income	27	35	8		
(Ratio)	2.9%	3.9%	0.9%		
Green Technology	25	33	8		
(Ratio)	4.2%	5.7%	1.6%		
Paint Finishing	1	-4	-5		
(Ratio)	0.3%	-1.2%	-1.5%		

(Green Technology System Division)

1

•The ordinary income exceeded the forecast due to a greater-than-expected profit improvement in projects completed in the H1 of FY2021 among projects carried forward at the beginning of FY2021. (Paint Finishing System Division)

•It was able to secure a higher-than-expected profit; however, the profitability of Geico's project in Europe deteriorated and the loss could not be compensated, resulting in an ordinary loss.

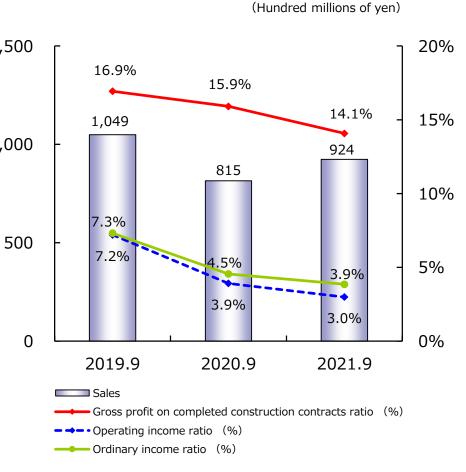


(Hundred millions of yen)

4. Consolidated Income Statements

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(Hunarea millions of yen)						
	2019.9	2020.9	2021.9	1,		
Net sales of completed construction contracts	1,049	815	924			
Gross profit on completed construction contracts	177	129	130	1,		
(Ratio)	16.9%	15.9%	14.1%			
Selling, general and administrative expenses	102	97	102			
(Ratio)	9.7%	12.0%	11.1%			
Operating income	75	31	27			
(Ratio)	7.2%	3.9%	3.0%			
Ordinary income	76	37	35			
(Ratio)	7.3%	4.5%	3.9%			
Profit attributable to owners of parent	53	30	16			
(Ratio)	5.1%	3.8%	1.8%			

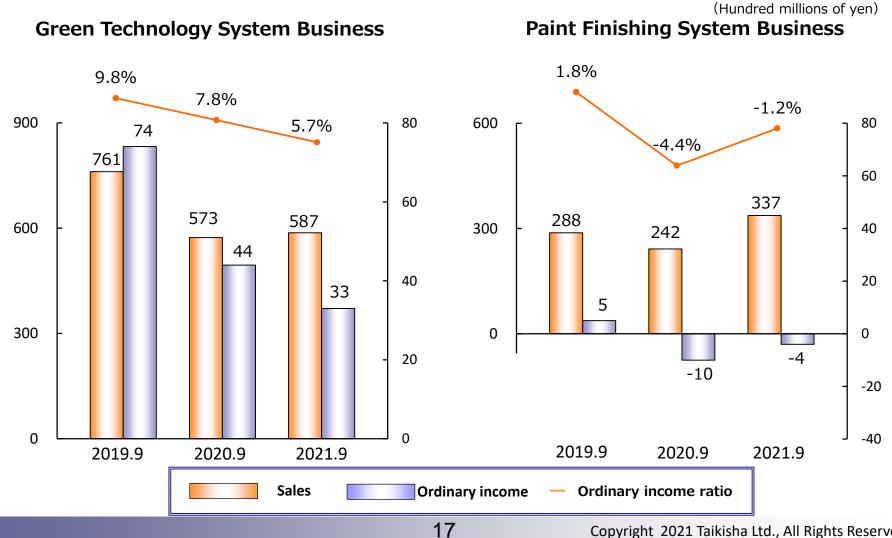


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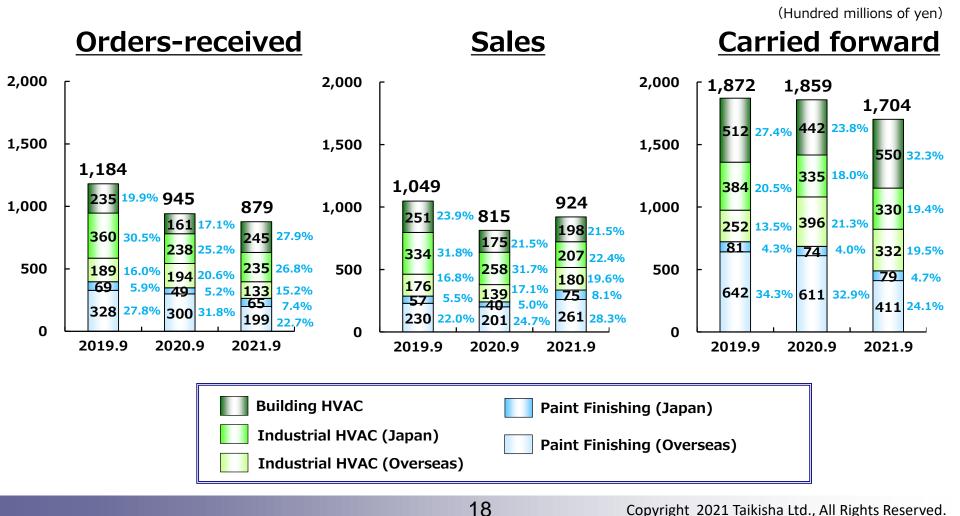
5. Net sales of completed construction contracts / Ordinary income by Division





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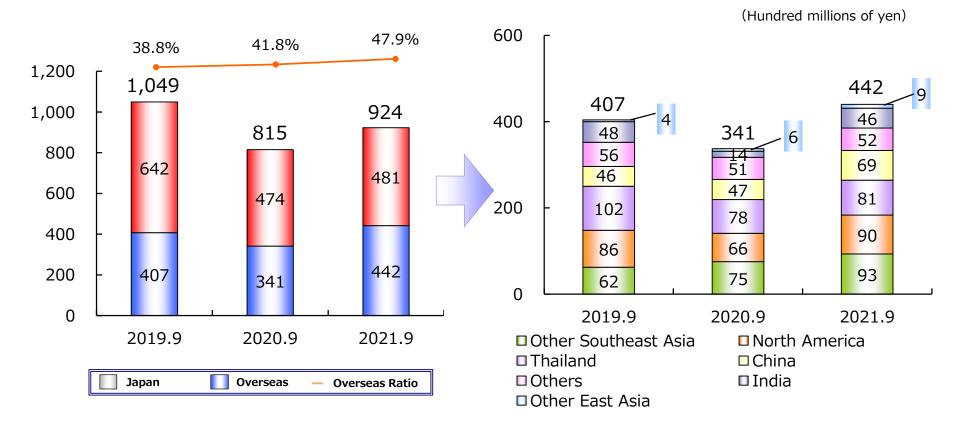
6. Orders-received / Net sales of completed construction contracts / **Construction carried forward**





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7. Overseas net sales of completed construction contracts by Region



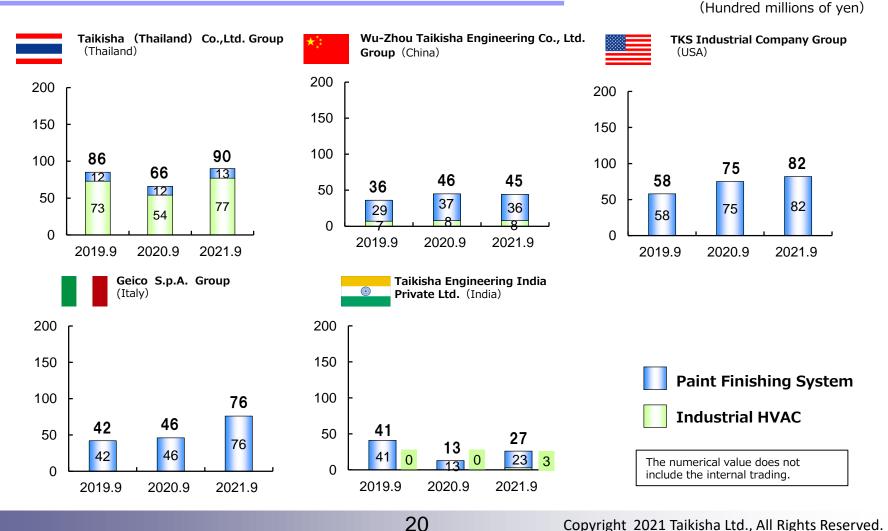
19

Main countries and regions %The numerical value does not include the internal trading.
 Other Southeast Asia-- Singapore , Malaysia, Indonesia, Philippines, Vietnam , others
 Other East Asia--Taiwan, Korea • North America --USA, Canada, Mexico
 Others-- Europe, South America, others



8. Sales of overseas main five companies

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Highlight of the First Half of FY2021 9. Consolidated Balance Sheet

(Hundred millions of yen)

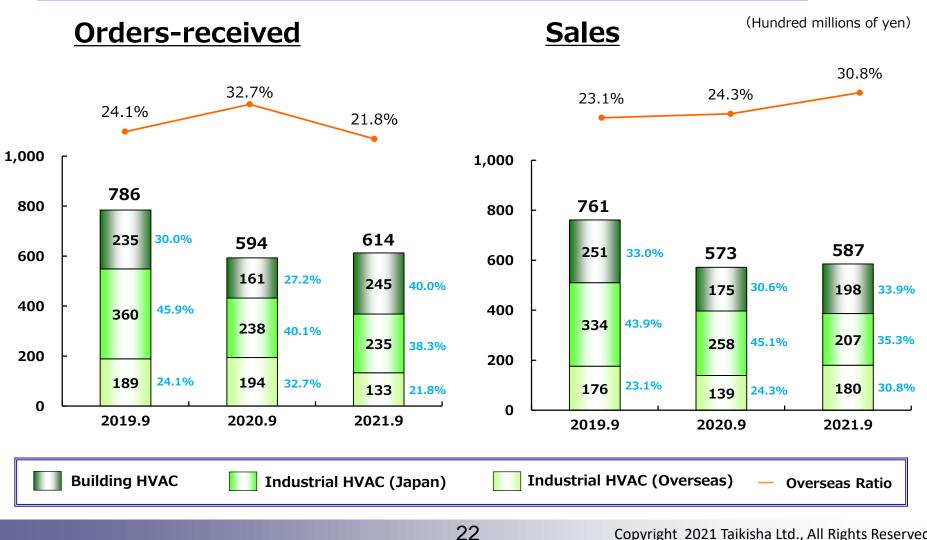
	2021.3	2021.9	Change
Current assets	1,653	1,581	-72
Cash and deposits	520	465	-54
Notes receivable, Accounts			
receivable from completed	1,014	919	-94
construction contracts and other			
Securities	20	20	0
Costs on uncompleted			
construction contracts · Raw	24	24	-0
materials and supplies			
Other intangible assets	80	158	77
Allowance for doubtful accounts	-6	-6	0
No <u>n-current assets</u>	634	639	4
Property, plant and equipment	101	107	6
Goodwil	40	39	-1
Other intangible assets	43	41	-2
Investment securities	326	328	2
Deferred tax assets	10	3	-6
Other	112	118	6
Allowance for doubtful accounts	-0	-0	-0
Total assets	2,288	2,220	-67

	2021.3	2021.9	Change
Comment lie bilities			
Current liabilities	869	766	-103
Notes payable, accounts payable			
for construction contracts and	520	405	-115
other			
Advances received on			
uncompleted construction	142	112	-29
contracts			
Provision for loss on construction	4	2	0
contracts	4	3	-0
Other	202	245	43
Non-current liabilities	156	180	24
Total liabilities	1,025	946	-79
Total net assets	1,263	1,274	11
Capital stock	64	64	0
Capital surplus	50	50	0
Retained earnings	957	953	-3
Treasury shares, at cost	-25	-25	0
Valuation difference on	142	144	1
available-for-sale securities			
Deferred gains or losses on	-0	-0	-0
hedges			
Foreign currency translation	-2	8	10
adjustment			
Accumulated remeasurements of	24	25	1
defined benefit plans			
Non-controlling interests	52	53	1
Total liabilities and net assets	2,288	2,220	-67



2 **Results of Green Technology System Business**

1. Orders-received / Net sales of completed construction contracts

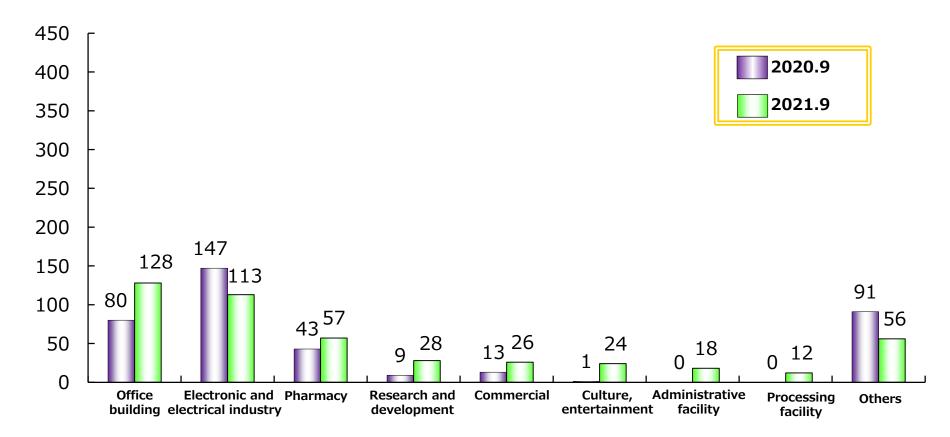




2 Results of Green Technology System Business

2. Order of the market classification (Non-consolidated)

(Hundred millions of yen)





(Hundred millions of yen)

2 Results of Green Technology System Business

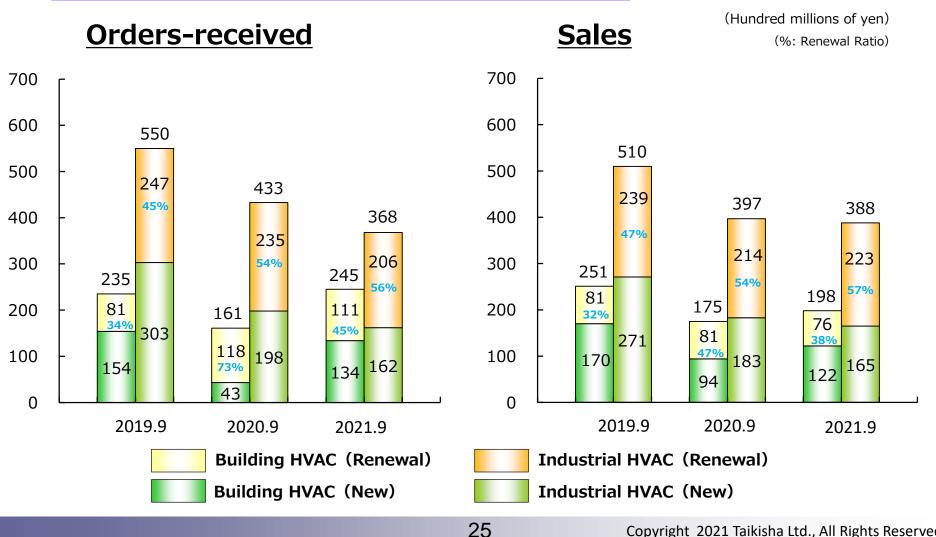
3. Order of the market classification (Consolidated)

450 2020.9 400 2021.9 350 300 250 191 200 .54 146 138 150 116 94 100 48⁶¹ 38 ⁵⁰ 10³⁰ 24 33 16 ²⁶ 50 24 0 Office **Electronic and** Pharmacy Precision **Research and** Others Uncategorized Commercial Culture, orders-received electrical industry building machinery development entertainment by small-scale affiliates



2 **Results of Green Technology System Business**

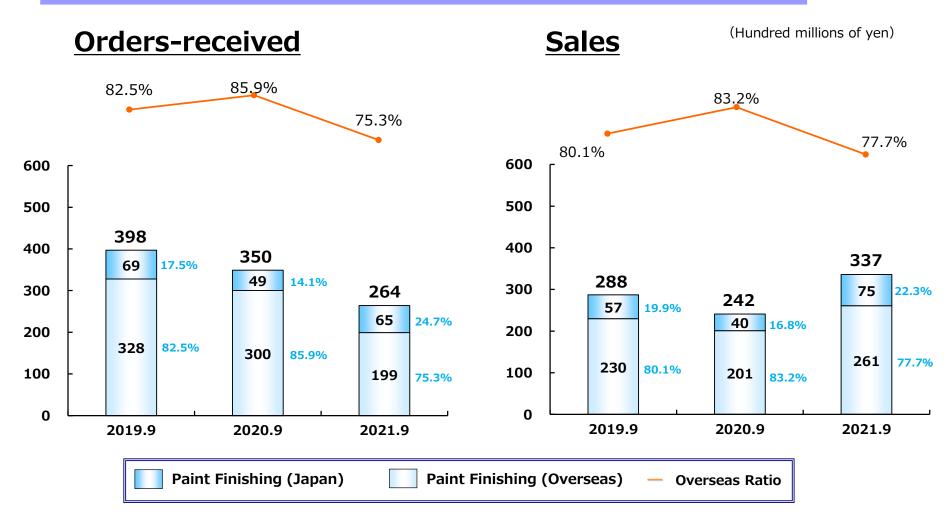
4. Renewal construction (Consolidated)





3 Results of Paint Finishing System Business

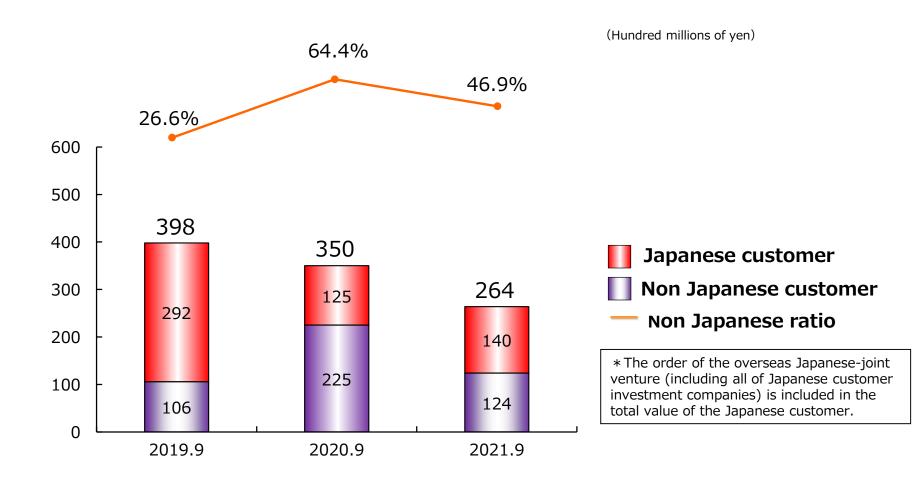
1. Orders-received / Net sales of completed construction contracts





3 Results of Paint Finishing System Business

2. Order ratio from non Japanese customers





1. Order from project more than 5 hundred millions of yen

Number of cases over 5 hundred millions of yen / construction, market classification						
			Office building	4		
			Commercial	2		
	Janan		Culture, entertainment	1		
Orders-	Japan	16 cases	Administrative facility	1		
received	201		Processing facility	1		
25	hundred millions of		Research and development	2		
cases	yen		Pharmacy	2		
			Precision machinery	1		
324			Automobile	2		
hundred millions of yen	Overseas		Precision machinery	2		
	123 hundred millions of	s of Cases	Electronic and electrical industry	1		
	yen		Automobile	6		



4 Main projects in Order/ Sales / Carried forward

2. Sales from project more than 5 hundred millions of yen

Number of cases over 5 hundred millions of yen / construction, market classification

			Office building	6
			Accommodation	1
	Japan		Commercial	1
		15	Medical and social welfare	1
Sales	153 hundred millions	Cases	Electronic and electrical industry	2
<u>04100</u>	of yen		Pharmacy	2
30			Research and development	1
cases			Automobile parts	1
330			Office building	1
hundred millions			Station, airport	1
of yen	Overseas	4 -	Electronic and electrical industry	3
	177 hundred millions	177 15 hundred millions Cases	Other factory	1
	of yen	Cuses	Automobile	7
			Motorcycle	1
			Truck	1



3. <u>Carried forward</u> from project more than 1 billion yen

Number of projects over 1 billion yen / construction, market classification					
			Office building	12	
			Administrative facility	2	
	Japan 470	red Cases	Culture, entertainment	1	
Carried			Station, airport	1	
<u>forward</u>	hundred		Research and development	3	
36	millions of yen		Pharmacy	2	
cases			Food, fishery	1	
			Other	1	
797			Office building	2	
hundred millions of yen	Overseas	40	Electronic and electrical industry	1	
	327 hundred	13 cases	Automobile	8	1
	millions of yen	Cuses	Truck	1	
			Railway	1	



Expectations by Business

5

(Hundred millions of y											
	Results of H1	Expectations of H2	Latest expectation of FY2021	Original expectation of FY2021	Difference						
Orders-received	879	1,420	2,300	2,440	-140						
(Japan)	(546)	(928)	(1,475)	(1,318)	(157)						
(Overseas)	(333)	(491)	(825)	(1,122)	(-297)						
Green Technology	614	955	1,570	1,710	-140						
Building HVAC	245	214	460	444	16						
Industrial HVAC	368	741	1,110	1,266	-156						
(Japan)	(235)	(552)	(788)	(740)	(48)						
(Overseas)	(133)	(188)	(322)	(526)	(-204)						
Paint Finishing	264	465	730	730	0						
(Japan)	(65)	(161)	(227)	(134)	(93)						
(Overseas)	(199)	(303)	(503)	(596)	(-93)						

(Green Technology System Division)

•As for the building HVAC segment, the orders-received is expected to be higher than the initial forecast, as we secured more orders in the H1 than expected at the beginning of FY2021.

•As for the industrial HVAC segment, the orders-received in Japan is expected to be higher than the initial forecast because semiconductor-related manufacturers and pharmaceutical manufacturers are more willing to invest than initially expected. However, the total is expected to be lower than the initial forecast, due to the postponement or reduction of capital investment plans because of the impact of the spread of COVID-19 overseas. (Paint Finishing System Division)

•The orders-received is expected to be as forecasted at the beginning of FY2021, as the sales in Japan will cover the decrease in overseas sales.



Expectations by Business

5

				(Hundred r	nillions of yen)	
	Results of H1	Expectations of H2	Latest expectation of FY2021	Original expectation of FY2021	Difference	
Net sales of completed construction contracts	924	1,125	2,050	2,180	-130	
(Japan)	(481)	(591)	(1,073)	(1,063)	(10)	
(Overseas)	(442)	(534)	(977)	(1,117)	(-140)	
Green Technology	587	732	1,320	1,420	-100	
Building HVAC	198	216	415	373	42	
Industrial HVAC	388	516	905	1,047	-142	
(Japan)	(207)	(320)	(528)	(561)	(-33)	
(Overseas)	(180)	(196)	(377)	(486)	(-109)	
Paint Finishing	337	392	730	760	-30	
(Japan)	(75)	(54)	(130)	(129)	(1)	
(Overseas)	(261)	(338)	(600)	(631)	(-31)	

(Green Technology System Division)

•As for the building HVAC segment, the sales is expected to be higher than the initial forecast, as the progress of projects exceeded initial expectations, particularly in large-scale redevelopment projects in the Tokyo area.

- •The sales of industrial HVAC segment is expected to be lower than the initial forecast because large-scale projects are not completed within FY2021, even though orders-received will increase in Japan. As for overseas, we had expected COVID-19 to end within FY2021 and factored in a certain amount of projects open and close within FY2021; however, the sales is expected to be lower than expected due to the remaining impact of the COVID-19. (Paint Finishing System Division)
- •The sales is expected to be lower than the initial forecast due to the delay in the timing of orders because of the impact of the spread of COVID-19 overseas.



Expectations by Business

5

(Hundred millions of ye												
	Results of H1	Expectations of H2	Latest expectation of FY2021	Original expectation of FY2021	Difference							
Operating income	27	62	90	127	-37							
(Ratio)	3.0%	5.5%	4.4%	5.8%	-1.4%							
Green Technology	30	58	89	106	-17							
(Ratio)	5.3%	7.9%	6.7%	7.5%	-0.7%							
Paint Finishing	-5	9	4	27	-23							
(Ratio)	-1.6%	2.4%	0.5%	3.6%	-3.0%							
Ordinary income	35	64	100	135	-35							
(Ratio)	3.9%	5.7%	4.9%	6.2%	-1.3%							
Green Technology	33	56	90	108	-18							
(Ratio)	5.7%	7.7%	6.8%	7.6%	-0.8%							
Paint Finishing	-4	10	6	27	-21							
(Ratio)	-1.2%	2.6%	0.8%	3.6%	-2.7%							
Profit attributable to owners of parent	16	43	60	84	-24							
(Ratio)	1.8%	3.8%	2.9%	3.9%	-0.9%							

(Green Technology System Business)

•In Japan, although the ordinary income for the completed projects in the H1 exceeded the initial H1 forecast at the beginning of FY2021 along with greater profit improvement than expected, profit improvement beyond the high target level for H2 is not expected to be reached, and the profit expected to be earned in H2 was brought forward to the H1.

•In overseas, the ordinary income is expected to be lower than the initial forecast due to the shortage of sales because of the decrease in orders-received, the delay in the construction progress, and the soaring material costs which all have been brought by the impact of the spread of COVID-19.

(Paint Finishing System Business)

•The ordinary income is expected to be lower than the initial forecast because, in addition to the impact of the deteriorating profitability of Geico in the H1, the H2 of FY2021 is expected to be decreased in sales at Geico and its subsidiaries in North America and India due to the factors mentioned earlier as well as the deterioration of profit margins due to soaring material costs.



Expectations by Business

5

(Hundred millions of yen)

		2021.3							2022.3									
	Green Technology		nology	Paint Finishing		Total		Green Technology		Paint Finishing		Total						
	H1	H2	Total	H1	H2	Total	H1	H2	Total	H1	H2(E)	Total(E)	H1	H2(E)	Total(E)	H1	H2(E)	Total(E)
Order- received	594	760	1,355	350	299	649	945	1,059	2,004	614	955	1,570	264	465	730	879	1,420	2,300
Sales	573	767	1,340	242	442	684	815	1,209	2,025	587	732	1,320	337	392	729	924	1,125	2,050
Operating income	42	68	111	-10	20	9	31	84	116	30	58	89	-5	9	4	27	62	90
Ordinary income	44	67	111	-10	19	9	37	85	122	33	56	90	-4	10	6	35	64	100
Net income	-	-	-	-	-	-	30	52	82	-	-	-	-	-	-	16	43	60

Results of FY2020 H1:1US\$=¥108.44, 1€=¥119.85, 1THB=¥3.44
 Results of FY2021 H1:1US\$=¥107.76, 1€=¥129.97, 1THB=¥3.49

Effects of foreign exchange differences between 1 and 2 on

Sales : +14.7 hundred millions of yen, Ordinary income : \triangle 0.8 hundred millions of yen.

③ FY2021 Estimation : 1US\$=¥103.00, 1€=¥121.00, 1THB=¥3.30

Effects of foreign exchange differences between ② and ③ on

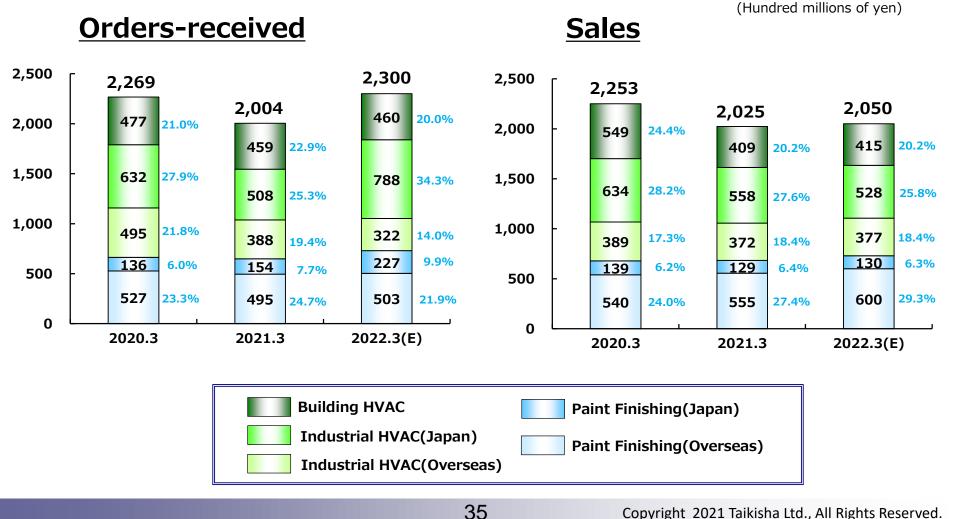
Sales : +25.4 hundred millions of yen, Ordinary income: $\triangle 0.2$ hundred millions of yen.

% Influence for the earnings forecasts for FY2021 when all exchange rates fluctuate by 1% is;

Orders/Sales : Approximately 10 hundred millions of yen, Ordinary income : Approximately 0.1 hundred millions of yen



Earnings Forecasts by Business

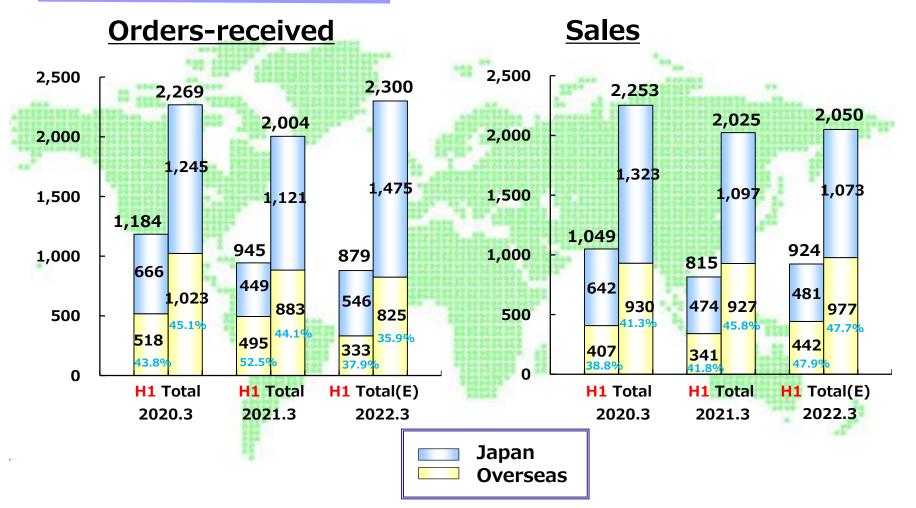




Total (Japan/Overseas)

5

(Hundred millions of yen) (%: Overseas ratio)

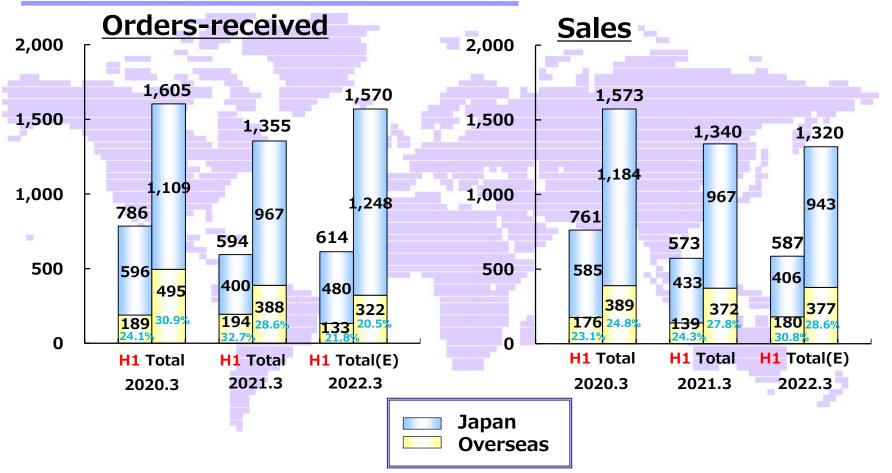




5 Earnings Forecast for FY2021

Green Technology System Division (Japan/Overseas)

(Hundred millions of yen) (%: Overseas ratio)

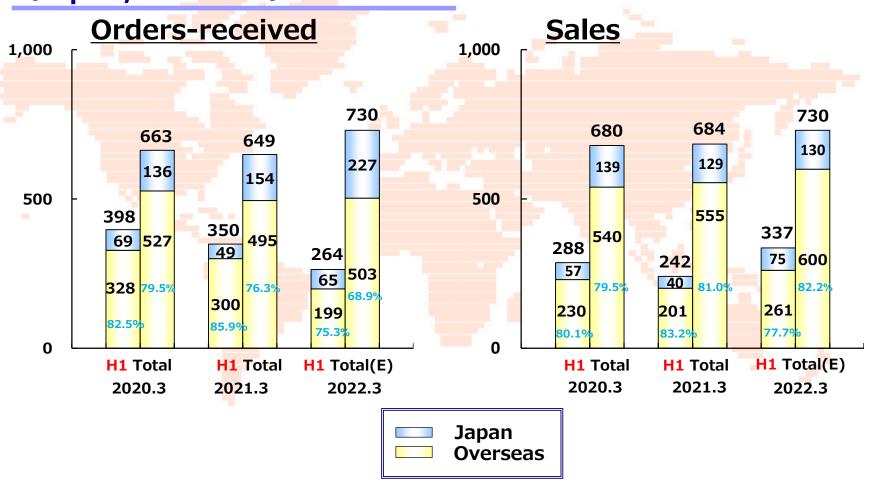




5 Earnings Forecast for FY2020

Paint Finishing System Division (Japan/Overseas)

(Hundred millions of yen) (%: Overseas ratio)





2. Initiatives of each strategy in mid-term business plan (FY2019-2021)

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Long-term Vision / Quantitative Targets / Investment theme

"Aim to become a global corporate group that creates an optimal environment Through unique engineering"

Technology	Aim to become an engineering group that meets the diverse needs of clients through energy-, air- and water-based technology.	Or
Environment	Solve the clients' environmental issues with innovative solution technology and contribute to passing on the rich global environment to future generations.	Pro to Re
Human Resources	Respect the individual's creativity and diversity, and value the corporate culture which allows employees to experience one's growth and the joy of working.	Inv

Investment theme

Reinforcement of technological development and proposal capabilities / Promotion of initiatives into new businesses (e.g. improvement of R&D facilities)

Enhancement of productivity (e.g. utilization of IT) / Human resource development

Capital investments such as M&As

Orders-received	2,650	hundred million yen
Net sales of completed construction contracts	2,600	hundred million yen
Ordinary income	160	hundred million yen
Profit attributable to owners of parent	100	hundred million yen
Return on equity (ROE)	8	% or higher
Investment Plan	200	hundred million ven

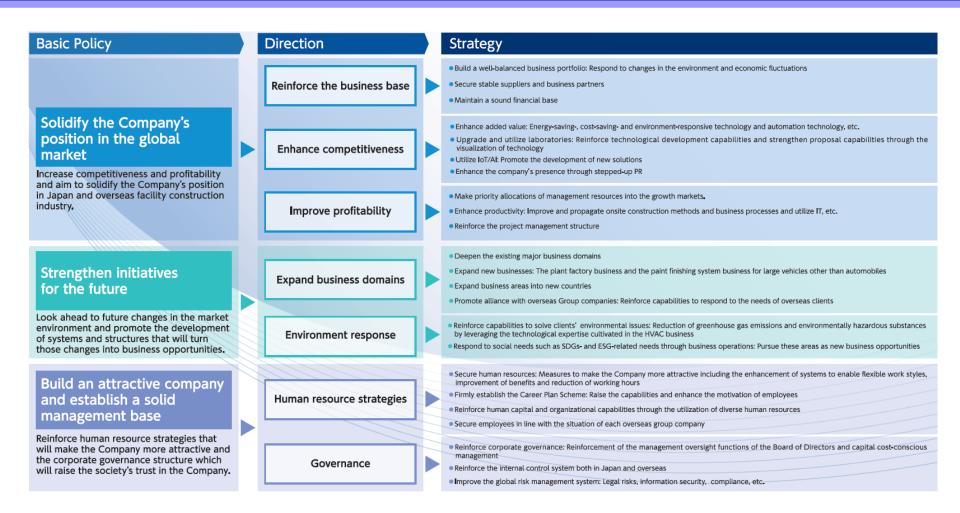
Quantitative targets for the FY 2021

Investment amount (Planned)

200 hundred million yen



Basic Policy and Direction / Strategy





Initiatives of each strategy ~Achievement 1~

Strategy : Expand new businesses $~\sim$ The plant factory business and the paint finishing system business for large vehicles other than automobiles $~\sim$

Leaf lettuce has begun to be shipped from our own mass production demonstration factory

We are continuing to improve our know-how on the operation of fully artificial lighting plant factories at the mass production demonstration factory in Sugito Town, Saitama, owned by Vege Factory CO., Ltd.

We have achieved mass production of high quality, long-life vegetables with a small number of viable bacteria with the "completely unmanned growth system with automatic transportation" and the "original hydroponic cultivation system", which combine the air conditioning technology developed in the field of industrial air conditioning and automation technology developed in the field of paint finishing.

On September 1st, frill lettuce and green leaf lettuce have begun to be shipped.





Initiatives of each strategy ~Achievement2~

Strategy : Enhance added value \sim Energy-saving, cost-saving and environment-responsive technology and automation technology, etc.

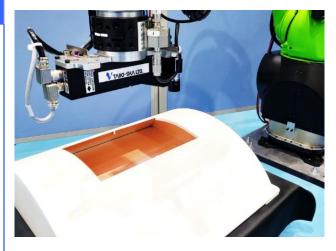
Development of "i-ART", a system for automatically programming for industrial robots.

In the painting and polishing processes of automobile manufacturing factories, where we have been involved for many years, automation of operations using industrial robots is generalized from the perspective of reducing labor costs and stabilizing quality.

However, in some non-automotive manufacturing sites, automation has been abandoned because it is difficult to assign specialized engineers who can program the robots (i.e., teaching), or because the number of tasks is so diverse that teaching requires an enormous amount of time.

Against this background, we have developed "i-ART," a support tool that enables anyone to easily perform tasks automatically and in a short period of time, utilizing the teaching technology and know-how we have cultivated for painting robots.

The "i-ART" system uses 3D scanning of the position and shape of the object to be processed to create an algorithm for the robot movements required in the painting and polishing processes, allowing the robot to work without stopping the production line. This reduces the workload of specialized engineers and automates work in environments that are hazardous to the human body, such as organic solvents.





Initiatives of each strategy ~Achievement 3~

Strategy

Achievement

Further enhancement of the Board of Directors

In June of this year, the composition of the Board of Directors was reviewed, and nine directors were appointed including four outside directors. From the perspective of ensuring a balance of knowledge, experience, and ability as well as diversity and expertise of the Board of Directors as a whole, two new outside directors joined to further enhance the functions of the Board of Directors.

Improvement of committee functions

(1) The Nomination Advisory Committee and Compensation Advisory Committee, which were established to strengthen the independence, objectivity and accountability of the Board of Directors, were further strengthened by introducing a Succession Plan.

② The Governance Committee was newly established as an advisory body to the Board of Directors with the aim of improving the governance structure of the entire Group.
③ ① and ② above are all chaired by outside directors.

Reinforce corporate governance

~Reinforcement of the management oversight functions of the Board of Directors and capital costconscious management



Initiatives of each strategy ~Achievement 4~

Strategy

Secure human resources

~Measures to make the Company more attractive including the enhancement of systems to enable flexible work styles, improvement of benefits and reduction of working hours

Achievement

Further promotion of health & Productivity management

In order to further deepen the "Certified Health & Productivity Management Outstanding Organizations Recognition Program (White 500)" awarded last year, we have set up four priority measures; ①improvement of lifestyle, ②improvement of mental health, ③measures against long working hours, and ④support for work-life balance. We are also promoting more proactive efforts to address health issues of employees and their families through health committees located around the country, holding health seminars online, promoting the use of wearable devices, and improving literacy on lifestyle-related diseases.

Introduction of new benefit programs (i.e., cafeteria plan and package plan) to build an attractive company

The old benefit system was revamped, and a cafeteria plan and a package plan were introduced as a new benefit system that can meet the diverse needs of current employees, in line with their values and lifestyles, and can be used by more employees at any time.



Initiatives of each strategy \sim Main initiatives in progress $1 \sim$

Strategy	Main initiative in progress			
Enhance added value ~Energy-saving, cost-saving	Develop and commercialize the paint system that remarkably improves coating efficiency			
and environment-responsive technology and automation technology, etc.	We are promoting to develop and to commercialize the paint system that remarkably improves coating efficiency related to reduce CO ₂ emissions.			
Upgrade and utilize laboratories ~Reinforce technological	Reconstruct Research and Development Center as demonstration center			
development capabilities and strengthen proposal capabilities through the visualization of technology	We are considering reconstruction of Research and Development Center as inspection facility to propose customers to technologies related to Green Technology System Division.			
Utilize IoT·AI	Develop and commercialize predictive maintenance system in factories			
~Promote the development of new solutions	We are promoting business activity to expand introduction of i-Navistar. (an IoT and AI-based root cause analysis system for analyzing causes of suspended operation and quality defects on automotive paint)			



Initiatives of each strategy ~Main initiatives in progress2~

Strategy	Main initiative in progress			
	Streamlining and automatizing of various operations			
Enhance	Development of systems for automatic drawing and cost management; promotion of 3D drawing and BIM; automation of estimation and project management, etc.			
productivity	Implement an Expense System			
	We are considering to implement an expense system. The system enables to go paperless and improve the efficiency of business processes.			
Expand new businesses ~The plant factory business	Development and commercialization of automatic polishing equipment for aircraft and railway cars			
and the paint finishing system business for large vehicles other than automobiles	Sales activities are underway to increase orders of the system.			
Expand business areas	Consider establishing affiliates in new countries			
Expand business areas into new countries	We are considering establishing the new affiliates in the area that is expected to invest.			



Initiatives of each strategy ~Main initiatives in progress ③~

Strategy	Main initiative in progress		
	Recruitment and utilization of diverse human resources		
Reinforce human capital and organizational capabilities through the utilization of	We will continue to hire new graduates with diverse backgrounds, including IT knowledge and overseas experience, regardless of gender or nationality, at a high level of quality and quantity. At the same time, in order to meet the diverse needs of the business, we will actively recruit and utilize a variety of human resources with immediate ability from the mid-career hiring market. We have completed a series of measures to promote female employees' career advancement, but in order to further promote, we will enhance our compensation and benefit systems, and consider and sequentially implement measures to reduce the stagnation of career development during childbirth and childcare.		
diverse human resources	Improvement of human resource capabilities to enhance our social value		
	In addition to the early development of young employees, we will introduce and promote various measures for the development and utilization of highly specialized human resources that will contribute to the improvement of management capabilities of upper-level personnel and the development of high-value-added businesses and		

market areas.



Initiatives of each strategy ~Main initiatives in progress④~

Strategy	Main initiative in progress			
Reinforce corporate governance ~Reinforcement of the	Deepen consideration about capital cost, capital and shareholders returns policy			
management oversight functions of the Board of Directors and capital cost- conscious management	To aim for increase corporate value, we are promoting capital cost-conscious management, consideration about capital and shareholders returns policy.			
Reinforce the internal	Reinforce the internal control system			
control system both in Japan and overseas	We are considering reinforcing internal control system to maintain and supervise IT in the entire group.			
Improve the global risk management system	Reinforce the global information security measure			
Legal risks, information ecurity, compliance, etc.	We are considering reinforcing information security measure in overseas affiliates.			



3. Shareholders Returns





1

Shareholders Returns

Purchase / Retirement Disposal of Treasury Shares

Purchase Record

Retirement Record

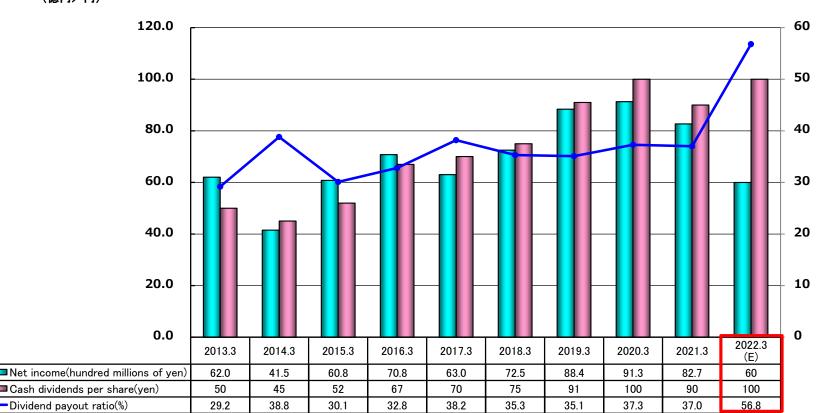
Date	Number (thousand)	Unit Price (yen)	Amount (million yen)	Date	Number (thousand)	Unit Price (yen)	Amount (million yen)	
2005/12	40	1,933	77	2008/8	1,200	1,593	1,912	
2006/2	597	1,780	1,062	2018/2	1,700	2,443	4,154	
2006/7,8	500	1,401	700	Disposal Record				
2011/8	300	1,576	472	(by ESOP·performance-linked stock- based compensation system)				
2012/11	600	1,614	968			Unit	Amount	
2013/12	800	2,170	1,736	Date	Number (thousand)	Price (yen)	(million yen)	
2015/5	680	3,245	2,206	2013/2	180	1,860	334	
2016/11	356	2,805	999	2010/2	100	1,000	551	
2017/11,12	136	3,654	499	2019/8	136	3,299	449	



(%)

1 Shareholders Returns Net income & Cash Dividends

(億円/円)



The basic policy is to implement steady dividends by targeting a consolidated dividend payout ratio of 40%. The annual dividend for FY2021 is expected to be 100 yen per share. (Dividend payout ratio is 56.8%)

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Precaution about Forward Perspective

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