2022

Best practice for sustainable growth Innovation Partnership Project



Table of Content

Project overview

Innovation Activities



[YGPA Innovation Partnership Project]

Backgrou nd	 Given that the growth of Gwang consequent cargo handling volum realize the value of mutual growth a Undertake the government's private sector", by supporting the inmaterial support. → Achieve mutual growth with SM the Yeosu and Gwangyang Ports to facilities to enhance productivity. 	gyang Port hinges ne in the Gwang under the spirit of olicy initiative, "in nnovation of SMEs 1Es and secure su by providing busin	s on the growth of SMEs and yang bay, it is important to "port community". nnovative growth led by the s, rather than simply providing ustainable growth engines for less innovation consulting and						
Period	Jun.~Dec. 2022 (7 months)	Support type	Consulting, facilities						
Activity	After on-site inspections, provide of to improve productivity	consulting for bus	iness innovation and facilities						
Participant	Wonhee, Gwangyang Tech, Jeil Log Yeosu Tank Terminal, Bonggang Ei	Wonhee, Gwangyang Tech, Jeil Logis, Argo Marine Total, Harmony SL, Yeosu Tank Terminal, Bonggang Environmental Farming Association							
Progress	22. 5: Collected applications and s 22. 5: Held a briefing session on th 22. 6. 30: Signed agreements (to ki 22. 11. 23: Held a reporting session	selected participa le project for 7 participa ck off the project) on the project res	nts. rticipant companies. ult.						

• Support for innovation

Summary of Tasks and Results

No Company				Result			
No.	Company	Task (consulting and facilities support)	KPI	As-is	To-be	Improvem ent	
1	Won-Hee	Improve complex desulfurizer quality to reduce claims	Number of claims(case/year)	34	10	71%	
		Adopt an automatic lubricant supply system to improve productivity	Facility stoppage (case/month)	10	2	80%	
2	Gwangyang Tech	Improve processing processes to enhance productivity	Production quantity (each/year)	2,800	3,080	10%	
2	Gwangyang reen	Automate waste water treatment to reduce pollution	Pollution level (BOD, mg/l)	144	72	50%	
3	Jeil Logistics	Build a risk assessment system for major tasks and safety & health management systems	Safety & health management (K-ESG score)	25	75	200%	
	-	Acquire ISO45001 certification to build an occupational disaster prevention system	No. of certificates	0	1	-	
Д	Argo Marine Total	Set up/operate a safety & health organization to build safety & health management systems	Occupational safety (K-ESG score)	12.5	62.5	400%	
-	Algo marine rotar	Acquire ISO45001 certification to build an occupational disaster prevention system	No. of certificates	0	1	-	
5	Harmony SL	Research palm leaf mat markets and establish marketing strategies	Market research, business strategies	0	1	-	
		Promote brand PR utilizing on/offline marketing tools	Finding new buyers	0	2	-	
6	YEOSU TANK	Establish smart factory road map to enhance corporate competitiveness	Level of smart factory	0.5	1.0	100%	
Ū	TERMINAL CORP.	Adopt UPS for communication servers to stabilize plant operation	Line stoppage hour	3	0	100%	
7	Bonggang Environmental	Develop an algorithm to optimize raw materials mixing ratios to reduce product defect	Product defect rate (%)	5	4	20%	
	Farming Association	Improve the performance of packaging facility to shorten packaging cycle	Packaging cycle time (minute)	10	7	30%	

- · Improve productivity by providing consulting for overall manufacturing processes and innovation
- Enhance quality by improving the inspection process of complex desulfurizer (sulfur-removing agent) and raw materials
- <u>Prevent facility troubles caused unstable grease supply to driving facilities, so as to improve productivity</u> (introduction of an automatic grease supply system)

History

- Oct. 2021: Conducted a test on shell quicklimebased desulfurizer (positive result)
 - Started the production of desulfurizer using shell quicklime (contribution to promoting ESG management)
- Oct. 2020: Constructed a manufacturing plant for CaO complex desulfurizer (supply to SNNC)
- production capacity: 600 tons/day, 160,000 tons/year, specialized in desulfurizer production
- Mar. 2020: Founded Wonhee Co., Ltd.
- 2019: Conducted R&D and commercialized CaObased complex desulfurizer
- Development of CaO-based desulfurizer for steelmaking and 5 operational tests → development of the final product, desulfurizer cost reduction for customers

Main product



Mixture of raw materials

Desulfurizer



Desulfurizer in use

Company	Won-Hee T	Task type Manufacturing innovation(Q)	Task	Impro	ve complex to redu	desulfurizer ce claims	quality
	CSF	Key performance indicator(KPI)	As-is	To-be	Result	Improvement (%)	Achievement (%)
Objective	Claim reduction by quality improvement	Number of claims(case/year)	34	10	10	71	100
Issues	 Defective product spectrum Result of product quality Poor mixing of raw ma Need to enhance cust reduce claims 	cifications caused by unstable quali lity analysis is available only 15 day aterials due to facility trouble (e.g. c comer satisfaction by real-time ana	ity of raw mate a s after comm clogging of the lysis of raw m	erials: need to elir issioning to an ou silo discharger, fa aterials mixing ar	ninate the caus tsourced agenc ailure of the mix ad production o	e of quality clain y: cannot check er/dust collecto f stable, high-qu	ns quality in real- r/hammer) ality products:
Activities	1. Put in a sam	ple 2. Enter XRF analy	ysis data	3. Put in a sa	mple and ac	XRF qu	ality analysis
	4. XRF quality and	alysis 5. Secure quality	ity data	5. Send to the	MES server	7. Real-tim	e monitoring

Issues

Activity

Company	Won-Hee	Task type	P(Production)	Task	Adopt an	automatic li to improve	ubricant sup productivity	ply system
	CSF	Key p indi	performance icator(KPI)	As-is	To-be	Result	Improvemen t(%)	Achievement (%)
Objective	Productivity improvement	Facili (ca	ty stoppage se/month)	10	2	2	80	100

- Poor grease supply: facility failures (bearing damages in rotating machine) ٠
- Need to enable operators to put in grease manually during the continued operation of facilities.
- No grease supply standards set for each facility ٠
 - Grease injection by certain intervals: increased workload

Installation of a centralized grease supply system

- Automated grease supply and improvement of major greasing points



Preparation (1)



Preparation (2)



Installation of automatic greasing system



Before improvement (screw feeder)



Installation completed



Before improvement (manual mixer)



After improvement (automatic mixer)



After improvement (screw feeder)

- · Inefficient, aged facilities for waste water treatment: increased treatment cost
 - \rightarrow Need to prevent environmental pollution by automating waste water treatment, including the improvement of

the aged facilities and the adoption of high-efficiency facilities

 Need to find and solve issues with processing parts for construction equipment maintenance: productivity improvement and cost saving

History

- Sep. 2021: Certified as maintenance plant designated by Hyundai Construction Equipment
- Apr. 2016:Constructed a parts processing plant for heavy equipment
- Apr. 2015: Certified as maintenance plant designated by Doosan Infracore
- May 2014: Designated as inspection center for construction equipment in Jeollanam-do
- Jan. 2009: Changed company name to Gwangyang Tech Co., Ltd.

Main product



Maintenance of construction equipment





Excavator grapple cylinder

Other parts

Company	Gwangyang Tech	Task type	Production(P)	Task	Im	nprove processing processes to enhance productivity		ses
	CSF	Key p ind	performance icator(KPI)	As-is	To-be	Result	Improvement (%)	Achievement (%)
Objective	Process innovation	Produc (e	ction quantity ach/year)	2,800	3,080	3,080	10	100
Issues	 Mainly process pa involves much of (currently, raw ma Need to move scr 	ceach/year) ocess parts for construction equipme nuch of manual work: need to impro- raw materials and parts are mixed). nove scraps generated during part p		ent maintena ove methods processing to	ance (e.g., lat to move an a separate	the, milling, d store raw space in the	hole, tap), wl materials and plant.	าich ป parts
Activity	■ Improvement o - Realign process and logistics with	f process la ayout to se in the plan 답물 대기장	ay out ecure work space t. ④ 운전기(개선,이설) ④ 역 역 역 역 위자재 모 역 위자재 모	and conduct	t 5S activitie	s to improve 3 BB 778 5. B 778	e the work en (고대) 방용 선반	nvironment

0

	Company	Gwangyang Tech	Task type	S(safety, environment)	Task	Aut	omate waste to reduc	e water treat e pollution	ment
Objective		CSF	Key performance indicator(KPI)		As-is	To-be	Result	Improvem ent(%)	Achieveme nt (%)
	Objective	Process innovation	Poll (B ^r	ution level OD, mg/l)	144	72	72	50	100
	Issues	 Inefficient, aged facil Low efficiency in tree environmental pollut Discharge of contam Difficulty in disposing Manual use of chemi 	ity for waste ating waste tion. inated wate g of waste gr icals: diffic	e water treatment: water discharged f r by facility inspectio ravels and activated ulty in calculating th	increased trea rom the plant: on workers' mis carbon used fo e proper amou	atment costs need to impro stakes and incr or filtration unt of chemica	ove the treatn eased work lo ls, resulting in	nent facilities a ad the overuse of	nd resolve
	Activities	 Improvement of Demolition of the age filtration, sediment re- discharged after chem Commissioned qualities total organic carbo Total organic carbo 	f the wast ged waste wa moval before ient, positive nical treatment ty analysis of on (TOC).	e water treatment ater treatment facility discharge, waste wat results were confirment. water before dischar Water before dischar Demolition	nt facility y and improven ter treatment) ed in tests on th ge, considering i, iii iii iii iii iii iii iii iii iii iii iii iii iii ii	nent of process ne waste water the water qualit The water quality and the water quality	s flow (sediment treatment prod ty standard was Selection of the selection of the selection of the selection of the selection of the selection of the selection of the selectio	ntation, water of cess and the wa s changed from of the second second second second second second se	collection, ste water COD/BOD

- Various factors cause safety accidents at business sites, while regulations and punishments for severe industrial disasters are tightening.
- Prevention of safety accidents requires Jeil to prepare and upgrade safety management manuals customized to its business sites.
- Need to prepare a manual to establish ISO45001 and acquire certification: After establishing a safety and health management system, Jeil plans to obtain certification on the system, which is centered on workers and workplaces,

thereby preventing major disasters.

History

- Dec. 2020 Obtained ISO14001 certification
- Dec. 2019 Selected as SME of management innovation
- Sep. 2019 Acquired permission to run a solar power plant (Jeil Sora No. 1)
- Dec. 2018 Registered as inspection site (#1 center)
- Dec. 2015 Constructed a warehouse for Jeil Logis
- Nov. 2015 Registered as foreign-invested forwarding business

Aug. 2015 Signed a lease contract with YGPA

Jun. 2015 Established Jeil Logis

Main products



Feed additives



Hay



Nonferrous metal

Company	Jeil Logis	Task type S(safety, environment)		Tas	k	Build a ris and saf	k asses ety & h	ssment system nealth manage	n for major tasks ement systems
	CSF	Key p ind	performance icator(KPI)	As-is	To-b	e Result	Impi	provement(%)	Achievement (%)
Objective	Building safety & health management systems	Safe t ma (K-l	25	25 75 75		200		100	
	ISO 45001 certificationNo. of certificates011100100								
lssues	 Absence of safety Jeil Logis handles Need to establish Need to set a four 	y and health heavy mat safety and indation for	n management systerials, which requination health management ESG management	stems: n ires safe ent syste t by esta	eed to ety rule ems a ablishi	o prevent sa es for loadin nd upgrade ng safety a	ifety acc ng and u the syst nd healt	cidents. unloading. stems by acqui th systems.	iring ISO45001.
	Building safe	ty & heal	th manageme	nt syst	tems		N.		
Activities	 (including risk Activities 1. Establish manuals 1) Prepare a manual 2) Prepare a risk asse 3) Prepare safety and (Refer to the task 2. Safety and health r 3. ISO 45001 certification 	assessm and process for the envir essment proc health man examples) isk assessme tion (Dec. 3, 2	ent) es for EHS manage onment, safety, and edure agement procedure nt 2022)	ement sys I health es (13)	stems	Risk assessmer 2018 (************************************	Reserved Reserved	Manageme 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	nt system certificate GAOCIO OCOS ADACIO ADAC

- Growing emphasis on corporate responsibility for health and safety: need to reinforce legal compliance and effective management of health and safety
- Need to respond to laws and regulations for safety and health (domestic/overseas)
- Need to integrate work processes with safety and health management systems

History

- 2022 Confirmed as a venture company of the innovative growth type
- 2021 Won the Best Business Leader Award from Gwangyang municipal government, opened the R&D Center
- 2020 Developed the automation and modeling system for steel product stowage planning
- 2020 Received the provincial governor's award for contribution to the development of the steel industry
- 2020 Selected as a promising SME in Jeollanam-do
- 2017 Developed electric P&C equipment to improve work efficiency at ports
- 2013 Developed a video inspection system for offshore import and export cargo
- 2012 Constructed and started up the condensation prevention center (manufacturing facility) for steel products
- 2000 BV ISO 9001 2000/KSA 9001 2000 quality management certification
- 1998 Inspected raw materials and products for POSCO and started integrated inspection service

Main businesses



Cargo inspection /appraisal

Anti-condensation heater

S/W

1997 Established Argo Marine Total

Company	Argo Marine Total	ask type S(safety, environment)	Tas	k	Acquir an occup	re ISO45001 certifi pational disaster p	cation to build revention system
	CSF	Key performance indicator(KPI)	As-is	To-be	Result	Improvement(%)	Achievement (%)
Objective	Building safety & health management systems	Occupational safety (K-ESG score)	12.5	62.5	62.5	400	100
	ISO 45001 certification	No. of certificates	0	1	1	100	100
lssues	 Need to enable e education. Need to comply v establishing safety Need to systemation 	employees to recognize sat with the Act on Punishmen and health management sy cally discover and mitigate r	fety issu t for Sev ystems a risk facto	vere Acc nd deplo ors at wo	enhance idents an oying safe ork.	their safety award nd foster a safe wo ety experts.	eness by providing ork environment by
Activities	 Building safety Review of PDCA Documented reg health manager Safety and heal with the existing manual (1), prod 	y & health manageme cycle gulations on the quality/sa ment systems and processe th management systems g quality management syst cedure (23), instruction (16)	ent sys fety/ es integrat em	ed	····································	a vason e dvesa a vason z suko z sukoz suko z suko z suko z suko z suko z suko z suk	nent system certificate 경영 이 스 템 인 중 서 아르고마린토탈(주) 고 한 이 한 토탈(주) 고 한 이 한 토탈(주) 지 한 이 한 토탈(주) 지 한 이 한 토탈(주) 지 한 한 한 토탈(주) () () () () () () () () () () () () ()

• Harmony SL is engaged in transportation and shipping brokerage at Yeosu and Gwangyang Ports. To deal with reduced trade volume due to the pandemic and secure long-term self-reliance, it seeks to diversify its business portfolio by importing eco-friendly products and construction/gardening materials from Southeast Asia, including Vietnam.

History

- Jan. 2021: Signed a washing facility (phase2-1) lease contract with YGPA
- Apr. 2020: Inaugurated new CEO (Choi Won-young), construction equipment rental business
- Nov. 2017: Registered as a port transportation business (container repair business)
- May 2017: Signed a washing facility lease contract with SM Gwangyang terminal
- May 2017: Registered as container washing and repair contractor for SM Shipping Co., Ltd.
- Feb. 2011: Established Harmony SL

Main facilities



Coconut mats warehouse (& 5 containers)





Equipment

Truck

Company	Harmony SL	Fask type M(management, awareness)	Task	Research palm leaf mat marke establish marketing strateg		arkets and rategies				
	CSF	Key performance indicator(KPI)	As-is	To-be	Result	Improvement(%)	Achievement (%)			
Objective	Market research and Market research, business 0 1 1 - 100									
lssues	 Need domestic/o Need SWOT analy Need marketing s markets 	Need domestic/overseas market analyses for palm leaf mats distribution Need SWOT analyses based on its existing infrastructure Need marketing strategies for palm leaf mat markets based on the analysis of domestic and overseas markets								
	Discovering	competitiveness in pal	m leaf m	nats dist	ribution					
Activities	 Setting up str. Harmony SL h export customs Over \$300 can of imported pro- The free storage faster work har is expected to Harmony SL has guarantine, 	ategies for domestic distri as container yards at Yeos clearance and maximize w be saved per container in oducts ge period at the warehouse ndling means less import co facilitate its business expans a container yard and a wa customs clearance, storag	bution (B2 u and Gw ork efficien the impor e for custo ost. In this sion. rehouse a e, and del	2B) capita rangyang ncy. rt business ms cleara context, H t Yeosu G ivery und	lizing on H Ports, which s, which in nce has sh larmony S wangyang er a centra	Harmony SL's s ch helps to ex creases the prio nortened from a L has high com ports and hen alized system (t	trengths pedite import and ce competitiveness 21 to 10 days and petitiveness, which ce can process the biggest			
		(competitiv	e edge)						

Company	Harmony SL	Task type M(management, awareness)	t, Task Promot		e brand PR utilizi marketing too	ng on/offline bls	
	CSF	Key performance indicator(KPI)	As-is	To-b	e Result	Improvement(%)	Achievement (%)
Objective	Market research and marketing strategies	f s Finding new buyers	0	2	2	-	100
lssues	 Conduct online F sites, such as Na Discover new bu palm leaf mat m 	PR through the homepage to ver). ver). yers by employing marketing arkets.	expand its strategies	s pres s base	ence in the p d on the ana	alm leaf mat mar lysis of domestic	ket (major portal and overseas
Activities	<section-header></section-header>	Act with a Vietnamese manufact ity in sourcing palm leaf mats be of 60% of palm leaf mats sold in	eaf mats sturer for a y signing a Korea.	distrib a domo		a	Vietnamese company

- Yeosu Tank Terminal is a global company with a vast fleet of tanks engaged in the storage, release, and blending of liquid cargo (e.g., light liquid, alcohol, and chemicals). It needs to establish a smart factory strategy to keep pace with the 4th Industrial Revolution and address pending issues.
- Establish a smart factory roadmap to strengthen business competitiveness.
- Introduce an uninterruptible power supply (UPS) to prevent the shutdown of communication equipment and servers during a power outage, to stabilize factory operation.

History

- Apr. 2022: Acquired ISO-9001(quality), 14001(environment), 45001(safety) certification
- 2017: Obtained ecovadis (environment/labor/safety) certification
- Jul. 2011: Acquired OHSAS 18001 certification (safety and health management manual)
- Aug. 2007: Acquired CDI-Terminal certification (international terminal certification)
- Nov. 2005: Operated a Yeosu tank terminal of the Federation
 of Fisheries Cooperatives
- Jun. 2005: Expanded Methanex tanks in Wolnae (108,000kl)
- 2002: Acquired a license to use licensed bonded warehouses
- 1999-2000: Signed a contract with the Methanex logistics complex(50,000kl)
- 1999: Acquired a loading license for dangerous materials, acquired ISO 9001 certification
- 1990-1994: Leased tanks to SHELL, S-OIL, BASF, DOW, etc.
- Jul. 1988: Established Yeosu Tank Terminal

Main business



Storage of liquid cargo

Offshore/onshore cargo (un)loading

Company	Yeosu Tank Terminal	Task type	P(production)	TaskEstablish smart factorto enhance corporate			blish smart factor ance corporate co	y road map ompetitiveness
	CSF	Key j ind	performance icator(KPI)	As-is	To-be	Result	Improvement(%)	Achievement (%)
Objective	Business strategy	Level of	f smart factory	0.5	1	1	100	100
lssues	 Manual manage sharing and eme Tank inventories Manual blending Inefficiency in o chemicals): need 	ement of pro ergency resp are measur g costs more overall work d to introduc	oduction process onse, deteriorati ed and recorded time and manpo processes in sto re a smart system	es (e.g., i ng work e manually, ower. orage, rel	ssuance fficienc and hu ease, a	e of work y. uman erroi nd blendi	instruction) under rs decrease data re ng of liquid cargo	mines information liability. (e.g., light liquid,
	Digitalization	on of anal	og measuring	instrur	nents,	automa	ation of batch	count, Remote
			on, cargo inve	ntory n	nanag	ement s	ystem	
	Item		As-is	ntory n To-be	nanag Res	ement sy	Unit	Criteria
	Item Level of smar	t factory	As-is 0.5	ntory n To-be	Res	sult	Unit Level Ass	Criteria essment table

Company	Yeosu Tank Terminal	Task type	P(production)	Task	Adopt	: UPS for co to stabilize p	mmunication plant operation	servers on		
	CSF	Key p indi	erformance cator(KPI)	As-is	To-be	Result	Improvement (%)	Achievement (%)		
Objective	Process innovation Line stoppage hour 3 0 0 100 100									
lssues	 Insufficient revie instability in faci Insufficient syste Unstable power disruption Lack of comprehoperation 	Ifficient review of facility reinforce ability in facility operation Ifficient system to stabilize power table power system of raw mater uption < of comprehensive solutions to c ration		cope with m Power outage suring instrun or facilities in	ajor facility f es might lead nents: inaccu n the event o	ailures such to serious a irate measur f a power ou	as power outa ccidents. ement due to tage: instabili	ages: power ity in facility		
Activities	 Introduction of UPS installation 	f UPS for con and inspection	mmunication services	ers						

New UPS (front side)

Battery assembly





- The Association has established a mid-to-long-term road map for a smart factory under the strong initiative of the CEO and is
 pursuing process innovation in phases. The most urgent area to improve is the optimization and performance enhancement of
 key facilities.
- Reduce product defect rate by developing an algorithm to optimize raw materials mixing ratios, a key quality determinant.
- Shorten the packaging cycle by improving the performance of the packaging facility, a key production facility

History

- 2019: Registered as mail-order business, added 'wholesale and retail business' 2012: registered organic materials
- 2011: Registered TOVITA trademark
- 2009: Selected as fertilizer supplier by the National Agricultural Cooperative Federation
- Nov. 2008: Developed organic fertilizer, constructed and registered a plant

Product



Innovation Activities : Bonggang Environmental Farming Association

						State 1	V Arrender				
Company	Bonggang Environmental T Farming Association	ask type	Q(quality)	Task		Develop an algorithm to optimize raw materials mixing ratios to reduce product defect					
Objective	CSF	Key performance indicator(KPI)		As-is	To-b	e Result	Improvement(%)	Achievement (%)			
	Manufacturing innovation	Product	defect rate (%)	5	4	3.8	24	120			
lssues	 Blending ratio of raw materials is set by the speed of the dispensing motor, not the weight of dispensed materials: need to optimize the blending ratio. Even at the same motor speed, the discharged amount differs due to different amounts of raw materials loaded in the hopper. Even at the same motor speed, the discharged amount is affected by the separation of the dispensing screw conveyor. 										
 Activities Comparison of calculation methods for raw material discharge amount in a hopper According to the comparison between the general calculation method (weight difference/time difference) and the calculation method reflecting the moving average (weight difference/time difference) and the calculation method reflecting the moving average (weight difference/time difference) and the calculation method reflecting the moving average (weight difference/time difference) and the calculation method reflecting the moving average of weight for 10 seconds), Calculating the discharge amount at a 20-second interval reflecting the moving average of weight for 10 seconds was the most appropriate method. Need to choose an optimal calculation method after field tests. 											
			— 10초 — 2	0초 ——	30초 -	10초 이동	20초 이동				

Task 1

Company	Bonggang Environmental T Farming Association	ask type P(production) Task	C amo	Optimize the control system of discharge amount to increase production volume / hour							
Goal	CSF	Key performance indicator(KPI)	As-is	To-be	Result	Improvement(%)	Achievement (%)					
	Process innovation	Production volume/ho (T/H)	ur 1	1.2	1.3	30	108					
Issues	Discharge amount at the hopper is controlled by adjusting motor speed without feedback. Improper mixture ratio caused by external factors, such as worn-out screws, decreases production volume. Discharge amount set by the motor's speed fluctuates, affected by the amount of raw materials loaded in the hopper, their attachment, and the separation of the screw conveyor. Difficulty in precise control of discharge amount results in poor product quality and suspension of production.											
	 Design of control function The control system cannot calculate the discharge amount when raw materials are put in. Its control function should is designed to enable real-time control, considering the input of raw materials. 											
	MES	Control System	ntrol System		Raw material input							
Activity	Raw material mixing ratio by product Discharge amount of raw material (target, measurement, output value) Quantity at each hopper Raw material input (start/stop) Quantity at each hopper	Calculation of discharge amount Normal M Filtering Control (PI Moving average Control PI Least square method - Control Discharged amount controlled - Control Notor speed Discharge Adjust motor speed based on the discharge amount - Discharge	iode Discharged amou) r discharge amount by motor output by vibrator amount control wh amount controlled by amount controlled by ed (control holding) or output	en		W = P Feed Rate						
	The new control system was designed to control discharge amounts in											

Task 2

real-time, considering the timing of raw material input.

Attachment: Photos of the Project Result Reporting Session



Thank You.

