

STEEL



MANUFACTURE
PRODUCTION



MHS



POWER PLANT
ENVIRONMENT



PLANT
ENGINEERING
TOTAL
SOLUTION
PROVIDER

POSCO
PLANTEC

Total Solution Provider + POSCO PLANTEC

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**POSCO
PLANTEC**
A developing
company
representing
steel
engineering
industry

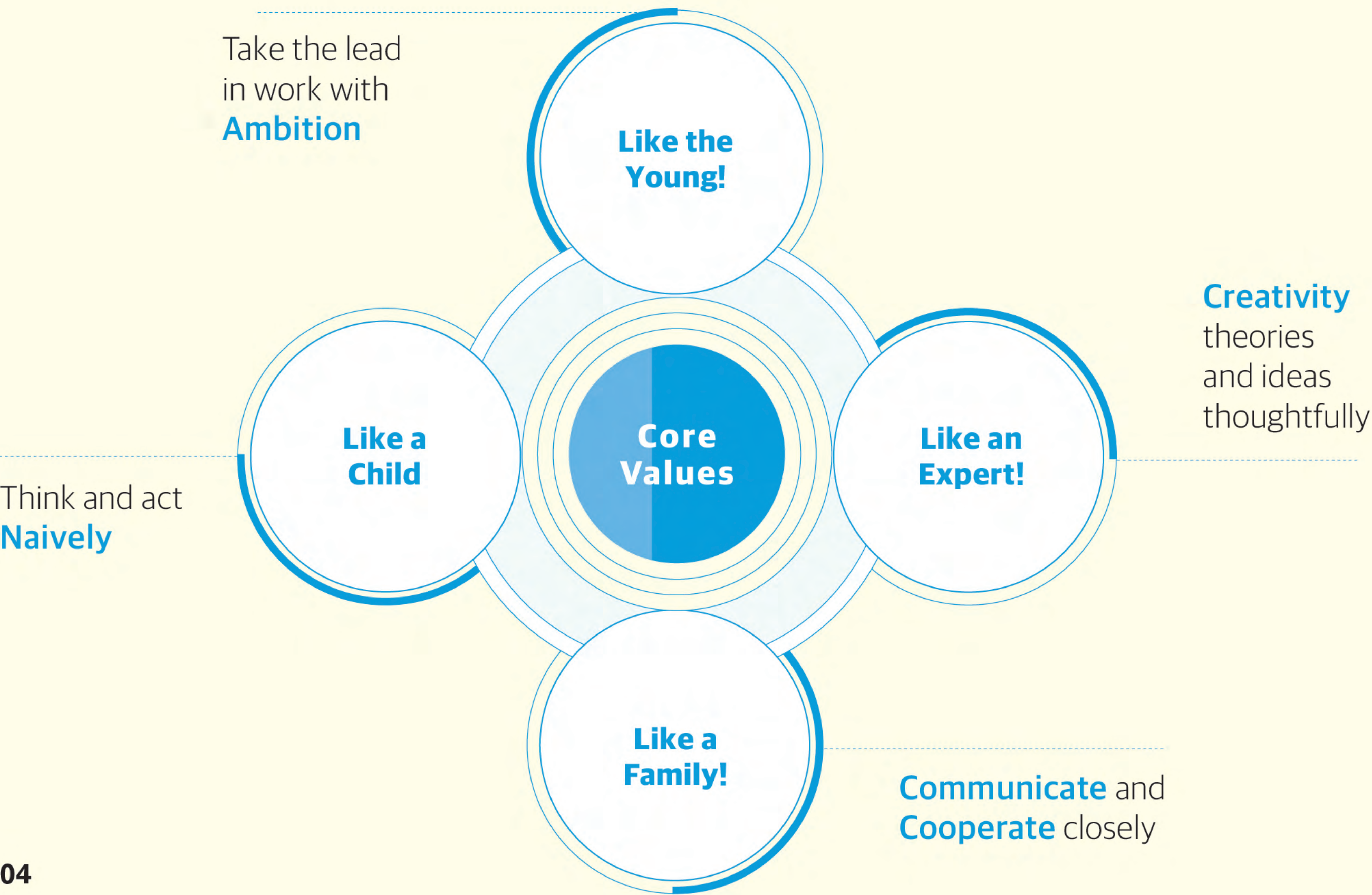
POSCO PLANTEC
will enhance
the value of
customers with
its engineering
technology whose
scope expands to
development and
environment areas,
based on steel
plants.

**Plant Engineering
Total Solution Provider
POSCO PLANTEC**

Total Solution Provider + POSCO PLANTEC

Management
Philosophy

POSCO PLANTEC's all employees pursue the creation of values for the customers, a great success in all businesses, and a happy life by striving for the continuous development of technology, processs, and competence, based upon the trust that passion, knowledge, and creativity are the origin of our businesses.



Total Solution Provider + POSCO PLANTEC

Business Area

POSCO PLANTEC has five solutions that can enhance customers' value.

POSCO PLANTEC, a total solution provider to plant facilities Look forward to a bigger future that POSCO PLANTEC will create through engineering technology that is to expand more and more.



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POSCO PLANTEC
Business Area



01

Steel

We are the Best

Like POSCO that has made the Republic of Korea rich and powerful through steel, POSCO PLANTEC steers businesses with the pride and a sense of responsibility as being the top in steel plant.

POSCO PLANTEC
takes the head

STEEL

Business for Steel Plant

14,000 tons of daily molten metal production

14,000t

The third repair project For Blast Furnace #3 at the Pohang Iron & Steel Mill

POSCO PLANTEC offers the best engineering services in steel plant industry on the basis of experiences and technical skills in conducting projects on facilities at the Pohang Iron & Steel Mill and Gwangyang Iron Mill. On the basis of experiences and technical skills in conducting such projects of rationalizing field-centered facilities, POSCO PLANTEC is active in taking part in not only the third repair project For Blast Furnace #3 at the Pohang Iron & Steel Mill, 7CGL at the Gwangyang Iron Mill, and large-scale steel plant projects inside and outside Korea but also maintenance projects on iron-making and rolling areas. We, POSCO PLANTEC, devote ourselves to joining new projects on coke conveying equipments, based upon our competence in engineering and manufacture.

3 Blast Furnace at the Pohang Iron & Steel Mill has been converted into a supersized blast furnace that can produce 14,000 tons of molten metal each day by constructing facilities to substitute with degraded ones, increasing the capacity, and enhancing the functions and this also has enhanced customers' value with the shortened term of works and facilities with excellent quality.

3 Blast Furnace at the Pohang Iron & Steel Mill 주상설비



Supply of converter to the Pohang Iron & Steel Mill and Gwangyang Iron Mill

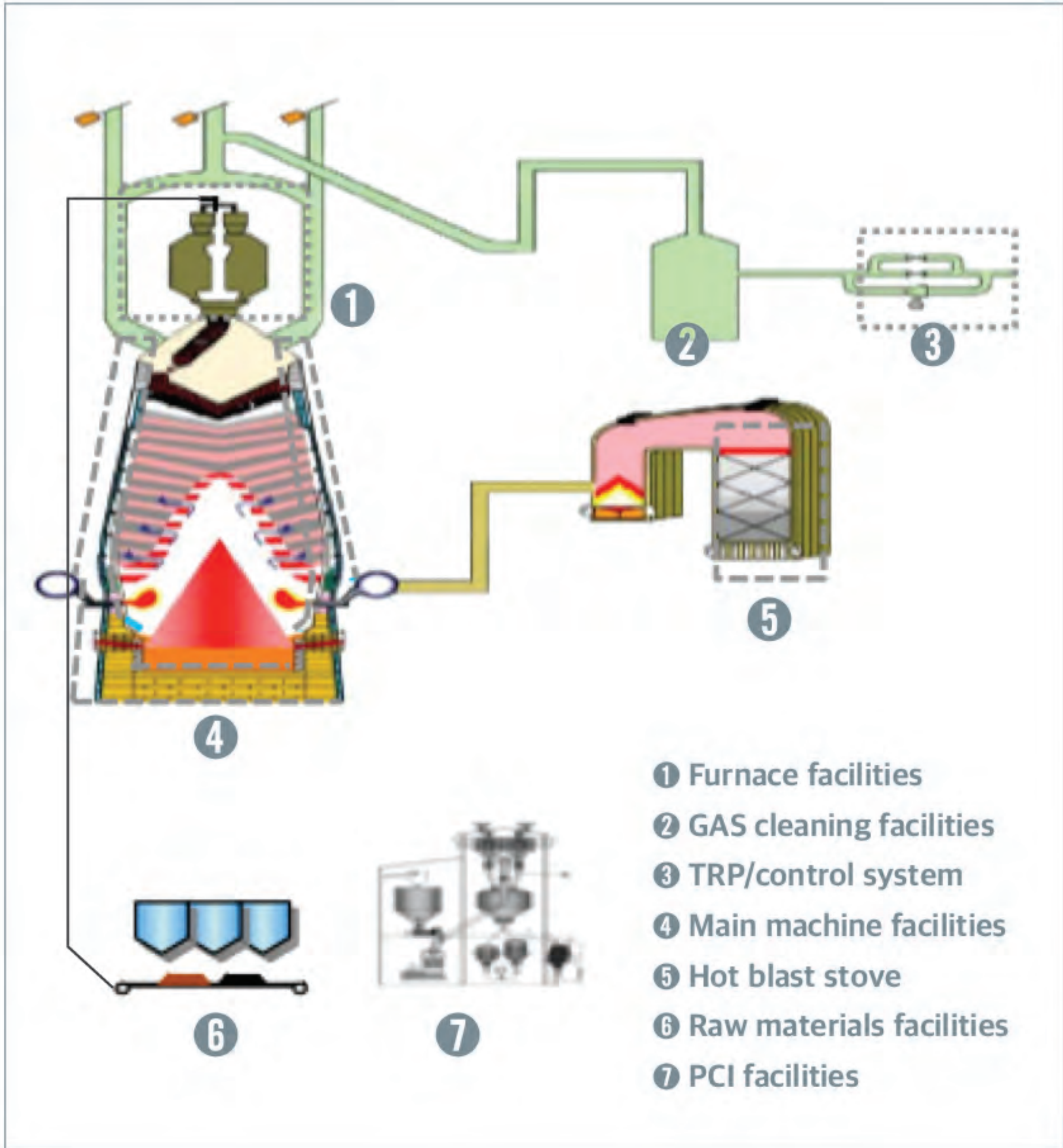


Construction of a needle coke plant

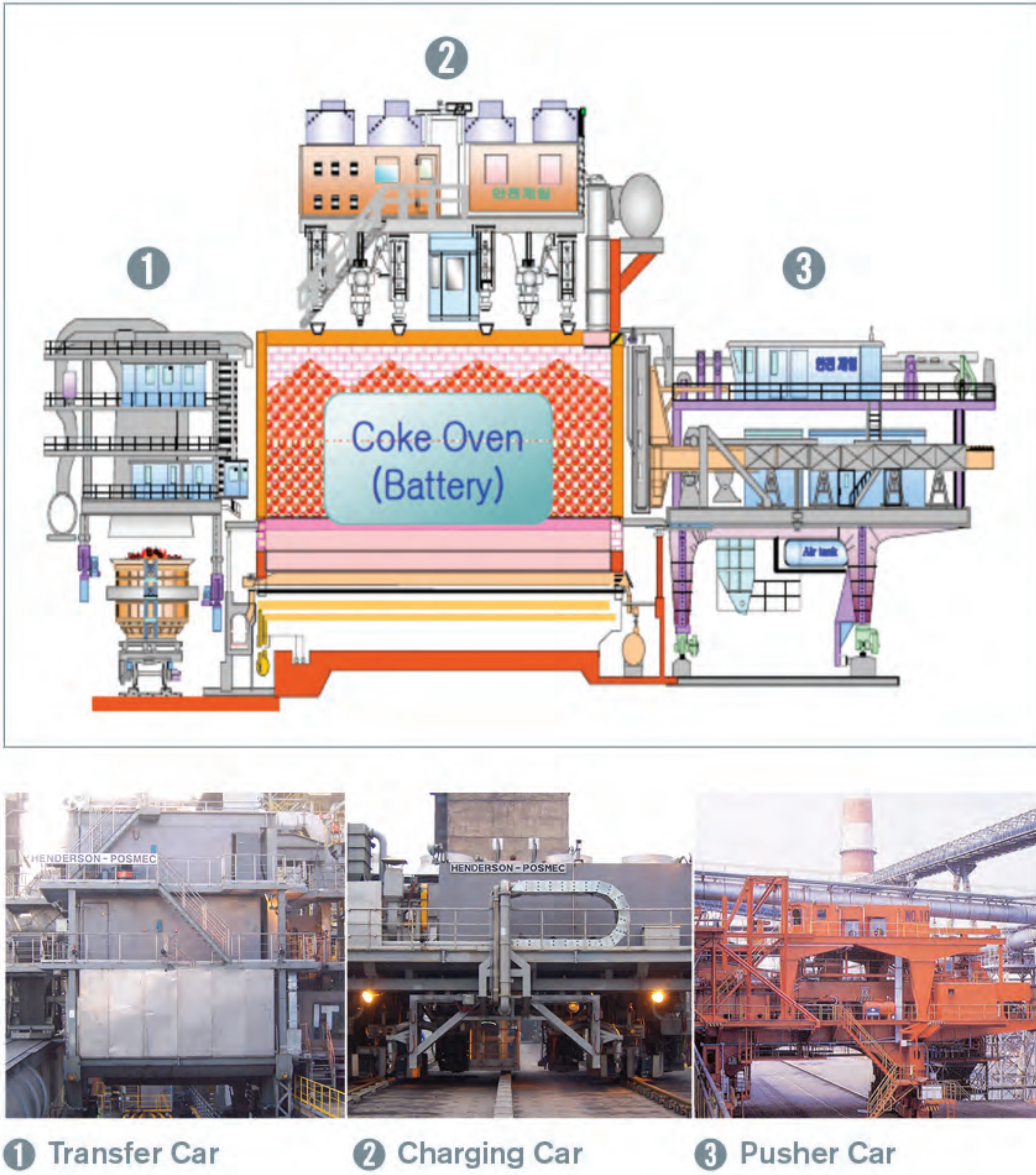


The third repair project on 3 Blast Furnace at the Pohang Iron & Steel Mill

Main facilities of Pohang 3 Blast Furnace



Coke conveying equipments



SeAH CSS Rolling Mill



Main Performances of Steel Projects

Name of contract	Owner	Location	Year	Scope of work
POSCO, No.6 Cokes, Pusher/Charging/Quenching/ Transfer Car, Pohang, Korea	POSCO	Pohang	2020	E.P.C
POSCO, No.3 Continuous Casting, Machine Scarper, Pohang, Korea	POSCO	Pohang	2019	E.P.C
The third repair of Pohang 3 Blast Furnace	POSCO	Pohang	2017	E.P.C
Construction of 7CGL at Gwangyang	POSCO	Gwangyang	2017	E.P.C
Brazil CSP	POSCO E&C	Brazil	2016	E.P
Construction of a needle coke plant	POSCO	Gwangyang	2015	E.P.C
SeAH CSS rolling rationalization	SeAH CSS	Changwon	2014	E.P.C
An integrated mill project in Indonesia	POSCO / POSCO E&C	Indonesia	2014	E.P
Construction of a cold roll shop in India	POSCO	India	2014	E.P.C
4 Wire Coil Correcting Facility at the Pohang Iron & Steel Mill	POSCO	Pohang	2013	E.P.C
Gunsan HPF	POSCO	Gunsan	2013	E.P.C
Gwangyang 4 hot rolling construction project hot rolling facilities	POSCO	Gwangyang	2013	E.P.C
POSCO Coated & Color Steel MCL	POSCO Coated & Color Steel	Pohang	2012	E.P.C
Gwangyang 1EGL rationalization	POSCO	Gwangyang	2011	E.P.C
Gwangyang thick plate rolling / correcting subsidiary facilities	POSCO	Gwangyang	2010	E.P.C
Pohang electrical sheet #2ACL Air-floating Tranporter	POSCO	Pohang	2009	E.P.C



A project of constructing 7CGL at the Gwangyang Iron Mill



02

Materials Handling System

We Create the Best

POSCO PLANTEC supplies most of MHS facilities to the Pohang and Gwangyang Mill and is active in participating in overseas projects in Brazil, Taiwan, and such. POSCO PLANTEC having competence in Engineering, manufacturing, installing, and performing a test drive at the same time

**offers the best solution for
customers' needs**

Materials Handling System

GLOBAL

Top 5 in MHS in the world

TOP 5

POSCO PLANTEC has secured high-capacity, eco-friendly facilities as well as yard engineering technology and thus can offer the optimal model when constructing an integrated mill and also has competence in engineering all material handling system, including loading and unloading materials, loading appliances, transport facilities, and transfer and storage facilities. POSCO PLANTEC, Which supplied 62 facilities other than domestic such as Brazil CSP, Taiwan TPC and more, is growing to be in global top 5 companies through top quality project.

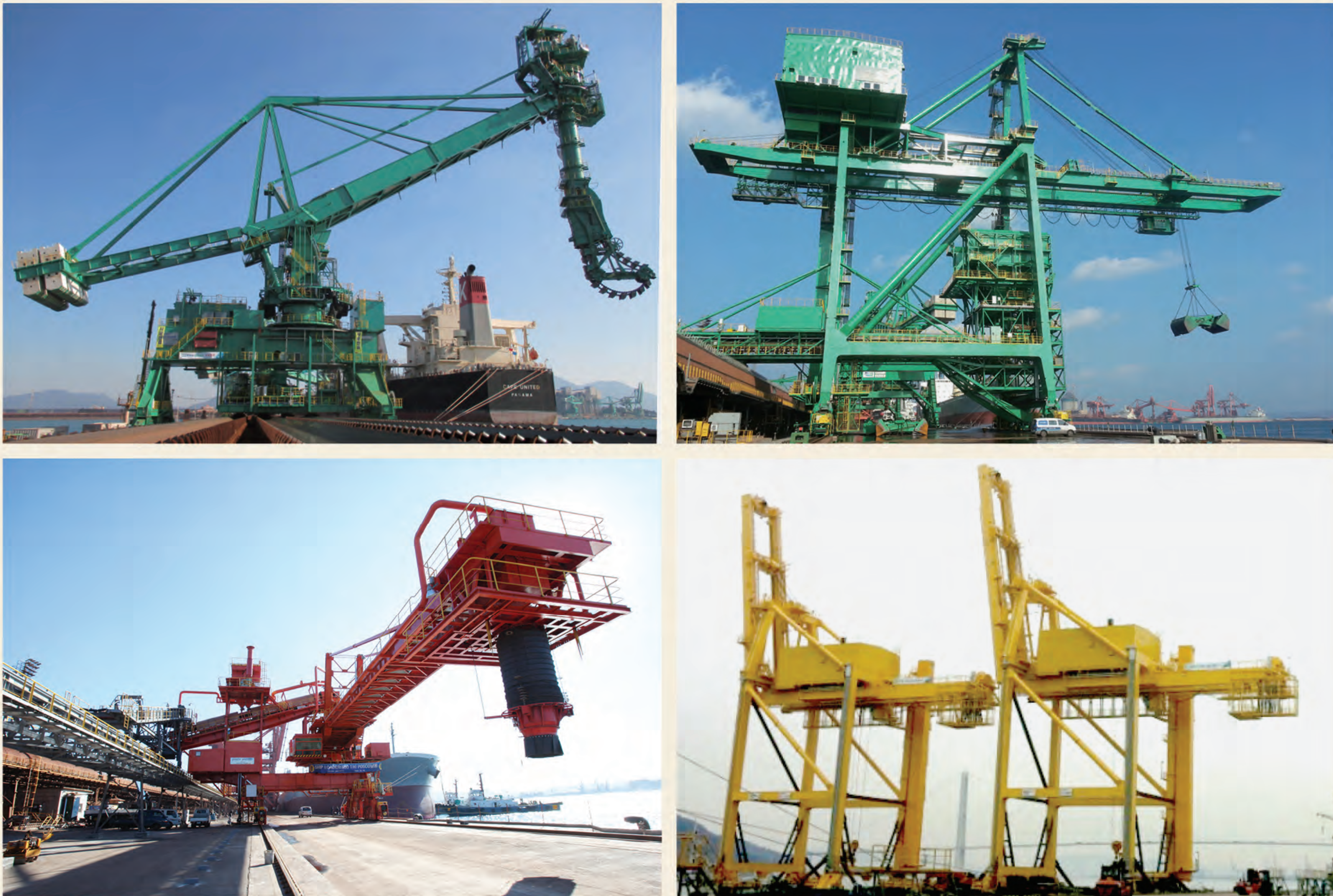


Main Performances of MHS Projects

Class	Name of project	Owner	Capacity	Completion
Loading / unloading facilities	GTSU #12~ #17 Raw Material Wharf in Pohang	POSCO	2,000 T/H X 6	'08.09~'21.01
	CSU #6, #8~#11 Raw Material Wharf in Gwangyang	POSCO	3,000 T/H X 5	'10.05~'20.05
	BTC #1~ #8 Product Dock in Pohang	POSCO	45 Ton X 4, 50 Ton X 4	'11.03~'20.04
	Ship Loader in Gwangyang	POSCO	650 T/H	'18.03
	CSU #1~ #2 Raw Material Wharf in Gwangyang	SNNC	3,000 T/H X 2	'14.06
	BTC #1~ #2 Product Dock in Gwangyang	POSCO	50 Ton X 2	'13.09
Conveying equipments	Construction 1 coke Reclaimer #114 in Gwangyang	POSCO	850 T/H	'20.11~'21.04
	CSP materials / sintering conveying equipments, stacker, reclaimer, combined machines in Brazil	POSCO E&C	2,400T/H x 11	'17.12
	Degraded materials yard conveying equipments in Pohang Stacker, Reclaimer, BD.Reclaimer	POSCO	3,000T/H x 11	'17.11
	Construction of SNNC materials conveying equipments	SNNC	4,800T/H x 5	'14.05
	Enhancement of the capability of MHS in Pohang Stacker, Reclaimer	POSCO	4,500T/H x 5	'12.06
Transport facilities	POSPower, Samcheok Coal-fired Power Plant, Belt Conveyor System, Samcheok, Korea	Doosan Heavy Industrial Co.	4,800T/Hx4	'19.06
	CSP coke coal washing facilities in Brazil (BC)	POSCO E&C	1,200T/H	'17.06
	Enhancement of SNNC capabilities import of materials conveying facilities (BC, Nickel)	SNNC	4,800T/H	'14.06
	TALIN Coal Fired Thermal Power Plant in Taiwan	TPC	4,400T/H	'10.12
	HSINTA Coal Fired Thermal Power Plant in Taiwan	TPC	4,000T/H	'08.12



Loading/Unloading Equipment



Conveying Facilities



Transport Equipment



Storage Facilities



1	2	9	
3	4	10	11
5		12	
6	7	8	

- ❶ CSU (Continuous Ship Unloader)

❷ GTSU (Grab Type Ship Unloader)

❸ SL (Ship Loader)

❹ BTC (Bridge Type Crane)
- ❺ SCP conveying equipments in Brazil

❻ Stacker & Reclaimer

❼ Blending Reclaimer

❽ Reclaimer
- ❾ AFC (Air Floating Conveyor)

❿ PC (Pipe Conveyor)

⓫ BC (Belt Conveyor)
- ⓬ Storage House



03

Logistics

We aim for
the Best

POSCO PLANTEC offers general
distribution solutions on the basis of
differentiated technology in airport
Baggage Handling System.

**POSCO PLANTEC challenges
towards the best**



Baggage Handling System

Performance of 95% of domestic BHS facilities or more

95%

POSCO PLANTEC will open a new vista of distribution systems through the execution of 1-stage, 2-stage, and 3-stage Baggage Handling System at Incheon International Airport which are completed by POSCO PLANTEC's technology. POSCO PLANTEC has conducted more than 95% of distribution plant projects which include BHS at Incheon International Airport and Airport Railroad and in Gimhae, Yeosu, and Yecheon and makes effort to take part in overseas projects as well. POSCO PLANTEC is also conducting distribution system projects that include mail center systems, delivery centers, DHL Distribution Center, warehouse automation, and more.





3-stage Baggage Handling System (BHS) at Incheon International Airport and an extension project

Through the 3-stage BHS project, we have constructed a system for the effective handling of baggages to depart, arrive, and be transferred inside the Passenger Terminal No.2 and those to be transferred between terminals and we are also taking part in the 3-stage BHS extension project.

Performances of BHS Projects

Name of project	Owner	Capacity	Period
Phase 4 T2 BHS Expansion Project at Incheon International Airport	Incheon International Airport Corporation	38,000m	'21~'25
3-stage extension at Incheon International Airport	Incheon International Airport Corporation	10,500m	17~'19
3-stage BHS at Incheon International Airport	Incheon International Airport Corporation	42,000m	'13~'17
BHS at Delhi Airport in India	Siemens	6,300m	'08~'11
BHS at Incheon Airport Railroad	Daelim Industrial Co., Ltd.	1,400m	'05~'09
DHL International Distribution Center at International Airport	DHL Korea	900m	'07~'08
2-stage BHS at Incheon International Airport	Incheon International Airport Corporation	67,000m	'04~'08
International Mails Distribution Center at International Airport	Public Procurement Service	850m	'06~'07
2-stage BHS at Gimhae International Airport	Samsung C&T Corporation Co., Ltd.	400m	'05~'07
Korean Air Lines Cargo Handling System	Siemens	350m	'04~'05
BHS at Yeosu Airport	Busan Regional Public Procurement Service	130m	'04~'05
Samsung Tesco Distribution Center in Mokcheon	Siemens	450m	'02~'03
BHS at Yecheon Airport	Busan Regional Public Procurement Service	110m	'02~'02
BHS at Gimhae International Airport	Ssangyong Engineering and Construction Co., Ltd.	590m	'01~'02
1-stage BHS at Incheon International Airport	Incheon International Airport Corporation	25,000m	'96~'01



Baggage reception stand



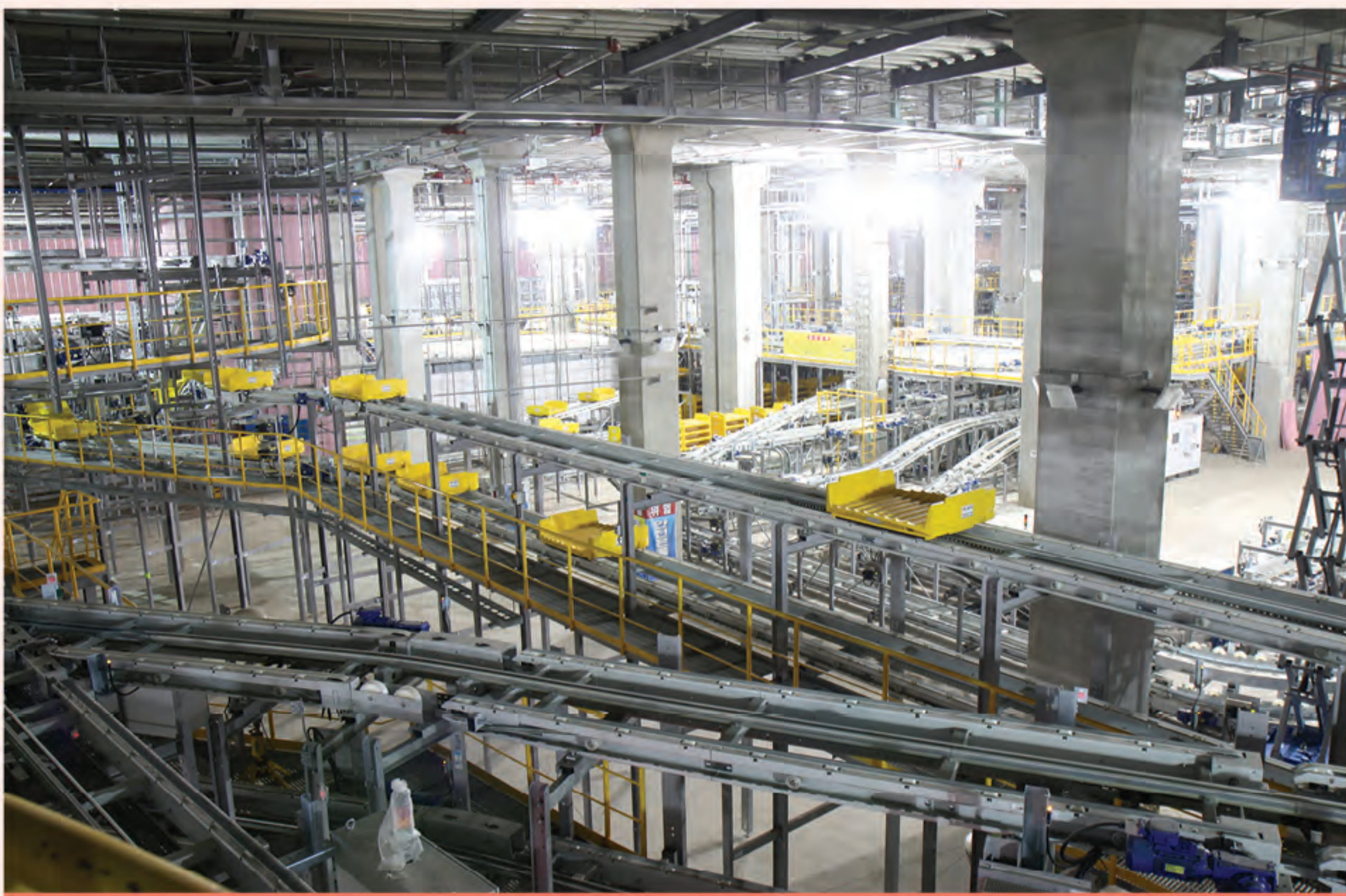
Early baggage storage system



The whole view of the check-in counter



Tilt tray sorter



Striaght conveyor



Inclined conveyor



DHL Distribution Center



Incheon International Airport Mail Center



04

Power Plant- Environment

We Find
the Best

POSCO PLANTEC develops energy recovery and environmental projects in order to keep our world clean and produce more eco friendly energier in a more effective manner.

**POSCO PLANTEC's innovations
towards the best never stop**

Power Plant·Environment

POSCO PLANTEC is actively participating in power generation and energy recovery projects that include fuel gas energy recovery facilities, LNG storage tanks, and such. POSCO PLANTEC, supplying environmental facilities to steel mills and various industrial facilities, also has established a partnership with Japanese company MHPS-ES to take part in electrostatic precipitator projects as well.

Power Generation Facilities



Major Performances of Power Generation Facilities Projects

Name of Project	Owner	Location	Year	Scope of Work
LNG Terminal No.5 Storage Tank	POSCO	Pohang	2019	PC
Installation of 3FINEX Fuel Gas Energy Recovery	POSCO	Pohang	2017	C
"Electric generation for enhancing the competitiveness in power generation"	POSCO	Gwangyang	2018	C

Major Performances of Hydrogen Plant

Name of Project	Owner	Location	Year	Scope of Work
POSCO, No. 6,7 HYDROGEN PLANT for Pohang Works (1,500 Nm³/H X 2)	POSCO	Pohang	2015	PC
G5-CALTEX No. 2, 3 HOU Hydrogen Plant (200,000 Nm³/H X 2)	TECHNIP	Yeosu, Korea	2006, 2008	PC

- 1

2

3
- ❶ Pohang 3FINEX Fuel Gas Energy Recovery Arrangement Boiler

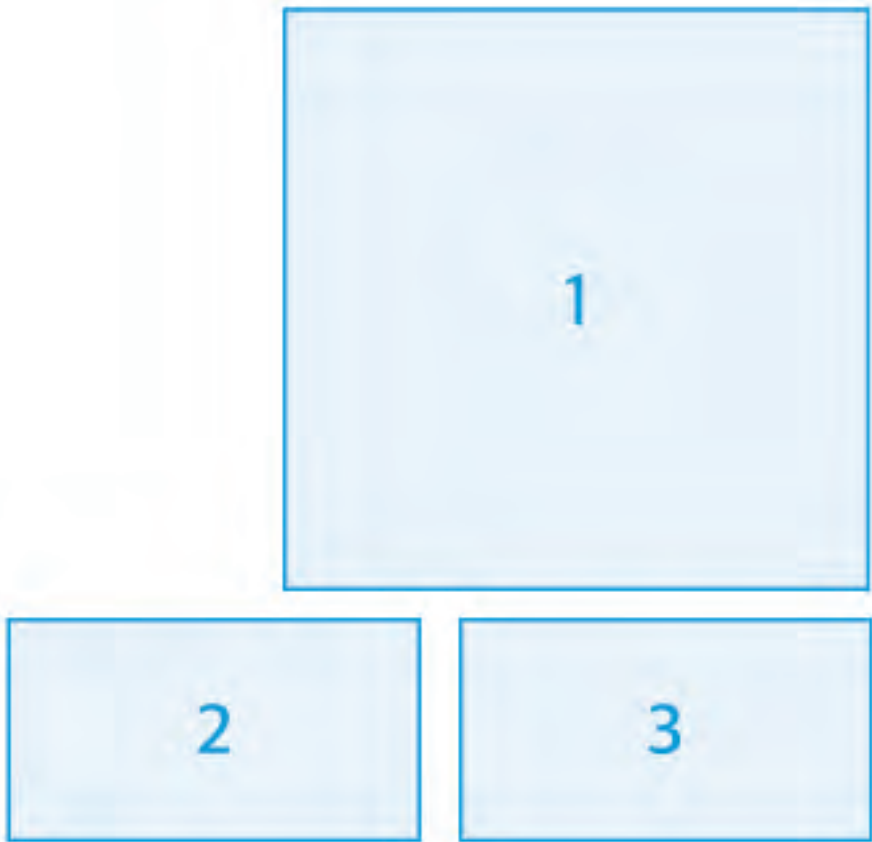
❷ Pohang 3FINEX Fuel Gas Energy Recovery TRP

❸ Electric Generation #7 Boiler for enhancing the competitiveness in power generation in Pohang



Precipitator

- ❶ A wet electrostatic precipitator for 3, 4 sintering FGCS sulfuric acid manufacturing facilities
- ❷ 3FINEX Fuel Gas Energy Recovery Dry Electrostatic Precipitator
- ❸ SeAH CSS New Steelmaking Filter Dust Collector (Bag Filter)
 - Type : Bag Filter Precipitator
 - Capa : 38,000m3/min
 - Size : 17,800W x 53,900L x 13,700H



Performances of Precipitator Supplying Projects

Name of contract	Owner	Capacity(Nm3/min)	Year	Scope of Work
Construction of 1~5 Coke P-Car Dust Collection Facility in Pohang	POSCO	4 X 2,000	2012	EPC
Enhancement of STS2,3 steelmaking collection capacity	POSCO	2 X 21,000	2012	EPC
Installation of 1~4 Coke P-Car Dust Collection Facility in Gwangyang	POSCO	12 x 1,500	2012	EPC
Installation of 1~4 Coke ECS Dust Collection Facility in Gwangyang	POSCO	8 x 5,000	2012	EPC
Installation of 1,2 Coke 2,3,4 Coke Bunker Dust Collector in Gwangyang	POSCO	15,500	2011	EPC
SeAH CSS New Steelmaking Electric Furnace Dust Collection Facility (Steelmaking)	SeAH CSS	38,000	2012	EPC
Enhancement of 2 Furnace Materials Bin #1 Dust Collection System	POSCO	3,500	2011	EPC

- ❹ Gwangyang LNG Terminal No.5 Storage Tank
- ❺ Jordan SAMRA Power Plant Storage Tank
- ❻ POSCO, No. 6,7 HYDROGEN PLANT for Pohang Works
- 4
- 5
- 6



05

Manufacture·
Production

We make
the Best

POSCO PLANTEC is enhancing its value through strict quality control, close process management, and manufacturing plants with a high level of completion on the basis of accumulated experiences and technical skills.

POSCO PLANTEC
always pursues the best

Manufacture-Production

POSCO PLANTEC is equipped with excellent processing and manufacturing facilities and has established a system that can promptly respond to the manufacture of large-size facilities as well as the manufacture of and urgent, sudden issues with maintenance equipment for steel mill so as to offer the best service possible.

- 1

2

3
- ❶ New Harbor Manufacturing Plant (65,531.5㎡, 20,000 pyeong)

❷ Gwangyang Manufacturing Plant (13,464㎡, 4,000 pyeong)

❸ Roller Plant (5,625㎡, 1,700 pyeong)



Performances of Manufacture, Production, and Supply Projects



Name of project	Owner	Location	Year	Scope of Work
Manufacture of vessel for a smelting furnace at 3 Steelmaking in Pohang	POSCO	Pohang	'20.05~'21.02	P
Manufacture of main structure for GTSU #10 & #17 in Pohang	POSCO	Pohang	'19.11~'20.06	EP
Manufacture of #1 ~ #3 Converter's Steel Skin & Trunnion ring at 2 Steelmaking in Gwangyang	POSCO	Gwangyang	'17.08~'18.09	P
#3 & #5 Blast Furnace Steel Skin in Gwangyang	POSCO & POSCO E&C	Gwangyang	'14.12~'19.11	P
#2 & #3 Blast Furnace Steel Skin in Pohang	POSCO E&C & POSCO	Pohang	'14.02~'16.02	P
Manufacture of #1 ~ #3 Converter's Steel Skin & Trunnion ring at 2 Steelmaking in Pohang	POSCO E&C	Pohang	'13.12~'17.09	P
Blast Furnace Steel Skin in Brazil CSP	POSCO E&C	Brazil	'12.09~'14.01	P
"FINEX Blast Furnace, 1~4 Blast Furnace Steel Skin in Pohang, 1~5 Blast Furnace Steel Skin in Gwangyang"	POSCO	Pohang, Gwangyang	'97~'17	P
"1-2 Converter / 2-1 Converter in Pohang and Indonesia, 2-1,2,3 Converter Steel Skin & Trunnion ring in Gwangyang"	POSCO	Gwangyang	'11~'17	P
Assembly and test of Vacuum Belt Filter	Australia) Jord	Australia	'13~'14	P
Manufacture of Cyclone at 2Finex Plant in Pohang	POSCO	Pohang	'13	P
Manufacture and assembly of CSU Travelling Device Part	SNNC	Pohang, Gwangyang	'13	P
Assembly and test of 3Finex HCI Machine in Pohang	POSCO	Pohang	'12~'13	P
Gas Facility Flare Stack in Gwangyang, Indonesia, and Brazil	POSCO E&C	Gwangyang, Indonesia, and Brazil	'12~'13	EP
Assembly and test of 4 Hot Rolling FM Stand in Gwangyang (F5,6,7)	POSCO E&C	Gwangyang	'12~'13	P
Manufacture of 2 Steelmaking 300Ton Teeming Ladle in Pohang	POSCO	Pohang	'12	P
2 Steelmaking 300Ton Ladle Transfer Car in Pohang	POSCO	Pohang	'08	EP
Manufacture of 1 Continues casting 4M/C Tundish Car in Pohang	POSCO	Pohang	'07	P
Manufacture of 2 Steelmaking TLTC in Pohang	POSCO	Pohang	'06~'07	P



Manufacture of a converter at the New port Manufacturing Plant



Manufacturing Plant at the New port in pohang Manufacturing Plant (3,610m, 1,000 pyeong)

Plant at Present and Main Facilities

Classification		Area	Main facilities
New Harbor Manufacturing Plant	Medium-to-small processing Line (A)	170m x 21m(3,750m ²)	• Machining Center (Horizontal, vertical) and CNC Milling and 21 other medium-to-small-size facilities • Overhead traveler - 1 20-ton unit, 1 10-ton unit, 1 5-ton unit
	Large processing Line(B)	170m x 21m(3,570m ²)	• Floor Boring M/C, Plano Miller and 9 other large-size equipments • Overhead traveler -1 50/20-ton unit, 1 10-ton unit
	Manufacture / Assembly Line (C)	170m x 28m (4,760m ²)	• CNC Gas & Plasma Cutting M/C, Hyd' Press and 6 other equipments • Overhead traveler - 2 120/60-ton units, 310-ton units
	Outdoor Manufacturing Site (D,E)	130m x 51m (2,730m ²)	• Gantry crane - 1 60/20-ton unit, 3 units including 30/10-ton units • Crawler crane - 1 250-ton unit
	Small-type Manufacturing Building (F)	100m x 23m (2,300m ²)	• Overhead traveler - 2 5-ton units
Inside steel mill	Ironwork Building	1,250m ²	• 4-Roll Bending M/C, NC Cutter, and ironwork facilities (POSCO facilities) • Overhead traveler - 1 65/35-ton unit
	Processing Building	2,360	• Floor Boring M/C and 13 urgent processing machines

Main facilities



Plano miller



CNC Lathe



Floor Type Boring Machine

Major Delivery Performances



Gwangyang) 2 Steelmaking 1 Converter Trunnion Ring & Converter Vessel



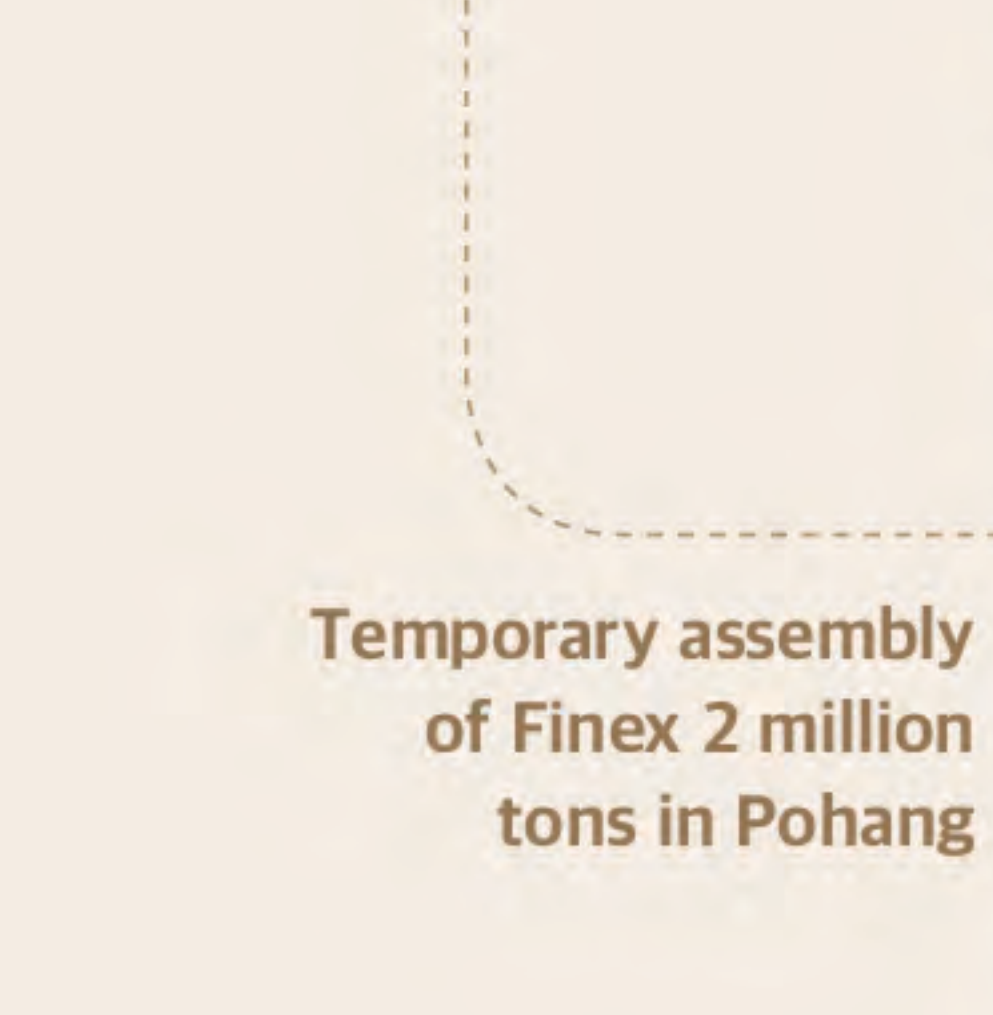
Release after disassembly



Site Election



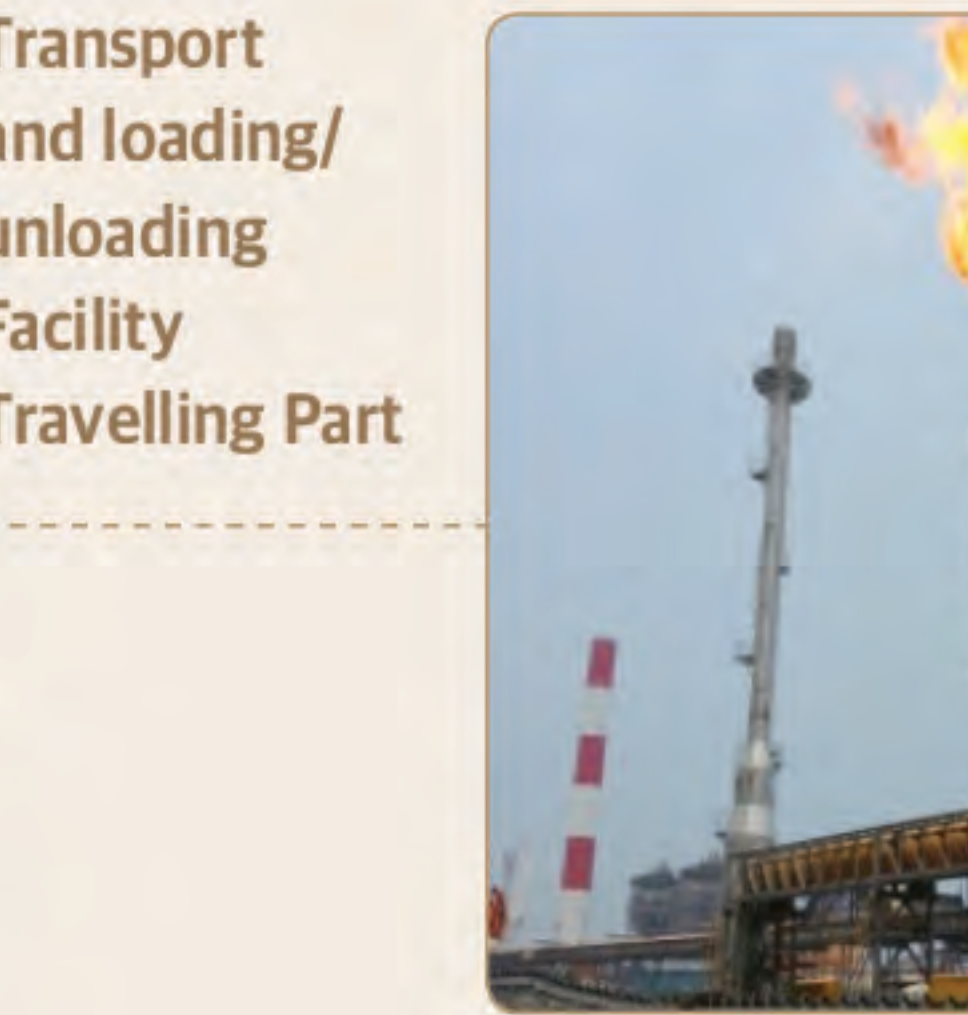
Indonesia Converter Trunnion Ring & Converter Vessel



Temporary assembly of Finex 2 million tons in Pohang



Chemical storage Tank



Gas Facility Flare Stack



Transport and loading/unloading Facility Travelling Part



Vacuum Belt Filter



Steelmaking Ladle



Radle for removing phosphorus(TLTC)



Assembly of a rolling mill



Roller plant

Features

- Development of a sealing structure that prevents dust from going into the bearing part (Patented in Korea)
- Development of material Labrinth Seal in cooperation with the Research Institute of Industrial Science and Technology
- Capacity of producing 250,000 conveyor rollers each year
- Acquisition of ISO9001 Certificate (BVQ)
- 2 patents, 2 design registrations (Korean Intellectual Property Office)
- KS (Korean Standards Association)

Main Products



Roller Production

POSCO PLANTEC produces conveyor rollers which are the core part of facilities that transport various materials. POSCO PLANTEC supplies rollers with enhanced functionality and durability through the joint technical development with the Research Institute of Industrial Science and Technology (RIST) to POSCO as well as power plants inside and outside Korea.



Main performances of roller supply projects

Name of project	Owner	Location	Year	Quantity supplied
A unit price contract with POSCO	POSCO	POSCO (Pohang, Gwangyang)	~2020	Continuous annual average supply of 100,000(EA)
Construction of 3-stage BHS at Incheon International Airport	Incheon International Airport Corporation	Incheon	2016	8,500(EA)
Construction at the Hadong Thermal Power Plant	Hanjin Heavy Industries	Hadong	2015	7,300(EA)
Construction at the Taean Thermal Power Plant	Hyundai Samho Heavy Industries	Taeon	2015	17,149(EA)
Construction at a coal thermal power plant in Chile	POSCO Engineering & Construction	Chile	2010	10,447(EA)
Construction of Youngheung Thermal Power Plant 3, 4	Hyundai Samho Heavy Industries	Youngheung	2007	17,800(EA)
Construction of Section 7,8,9 of 2-stage BHS at Incheon International Airport	Incheon International Airport Corporation	Incheon	2007	35,400(EA)
Construction of 2-stage BHS at Incheon International Airport	Incheon International Airport Corporation	Incheon	2006	9,600(EA)
Construction at Taean Thermal Power Plant 7,8	Hyundai Rotem	Taeon	2005	7,300(EA)
Construction of 2-stage at Incheon International Airport	Incheon International Airport Corporation	Incheon	2004	27,417(EA)
Construction of Youngheung Thermal Power Plant 3, 4	Hyundai Samho Heavy Industries	Youngheung	2003	17.232(EA)

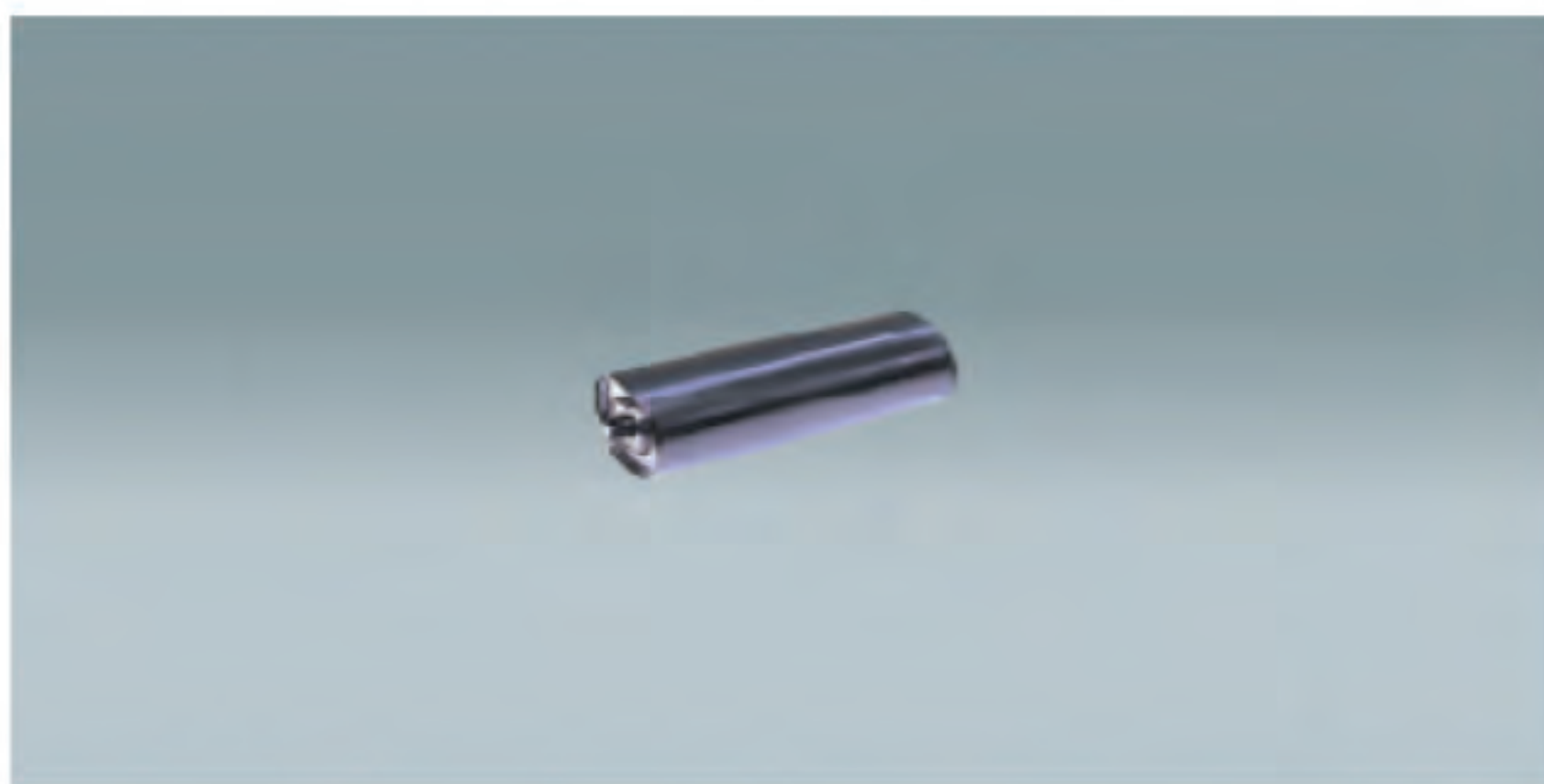
Develop Main Performance Outcome



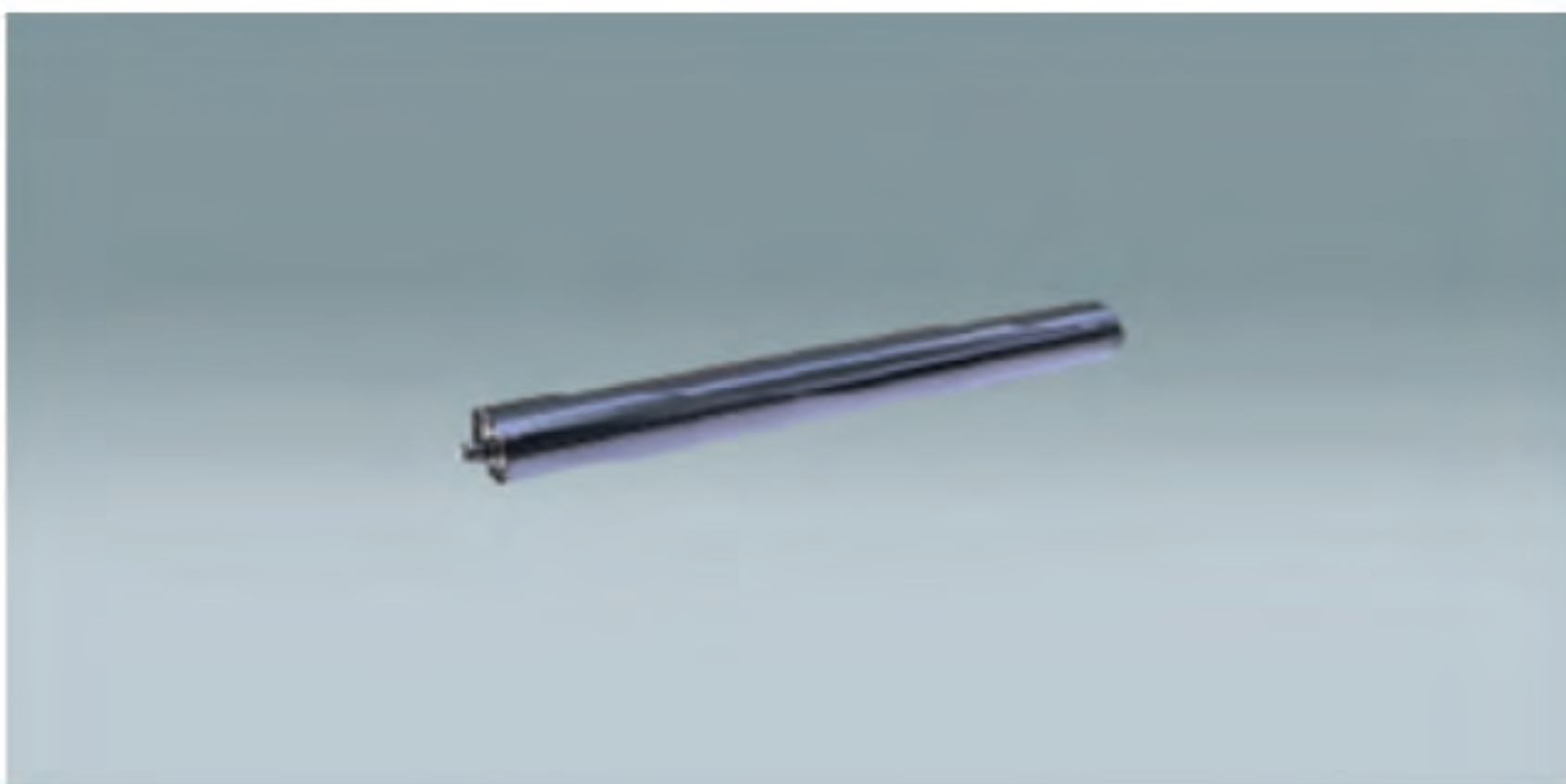
Impact Roller



Self Aligning Carrying Roller



Carrying Roller



Return Roller



Spiral Roller



Rubber Roller

Business

**POSCO PLANTEC
challenges
towards success
and dreams a new
future together**

We, POSCO PLANTEC, do our utmost to enhance both business competitiveness and management efficiency, practice responsible management and ethical management, offer great quality, and satisfy customers. We will achieve even bigger developments, based upon the continuous, balanced growth of all businesses.

Overview



Since 1982,

We will Build a Happy Engineering World



History	2020	09 KOSHA-MS Certification 12 Family-Freindly Corporation Certification from Ministry of Gender Equality & Family Supplying Phase 4 T2 BHS Expansion Project at Incheon International Airport	2008	06 Supplying 2-stage baggage handling systems to Incheon International Airport Completing the construction of the first 1MW-class rooftop photovoltaic power generation facility in Korea (Pohang, Gwangyang Iron Mill)
	2019	12 Occupational health and safety (OH&S, ISO 45001) Certification	2006	08 Winning a project on coal handling facilities from Xingda Thermal Power Plant in Taiwan
	2018	12 Work-Life balance Corporation Certification from Ministry of Employment & Labor	2004	07 Winning a contract for sluice facilities at Bakun Hydroelectric Power Plant in Malaysia
	2017	12 Winning the Presidential Award for Best Family Friendly Management Performing the third repair project on 3 Blast Furnace at the Pohang Iron & Steel Mill Excellent Workplace for health promotion certification from Korea Occupational Safety and Health Agency	2001	03 Winning an industrial badge for the supply of 1-stage baggage handling systems to Incheon International Airport
	2015	04 Concluding a contract for the long-term supply of key facilities for combined cycle power plant with Alstom	1994	04 Changing the corporate name to 포철산기 Co., Ltd.
	2013	01 Releasing hot rolling mills to the Gwangyang Iron Mill 07 Merging POSCO PLANTEC with Sungjin Geotec 10 Supplying 3-stage baggage handling systems to Incheon International Airport	1993	08 Starting to produce rollers and manufacture industrial machinery
	2012	09 Completing the second stage of the construction of a new port processing & manufacturing plant 11 Completing the construction of a magnesium smelting plant in Gangneung	1989	06 Establishing Sungjin Machinery Co., Ltd.
	2010	01 Changing the corporate name to POSCO PLANTEC Co., Ltd. (Merger between POSCO Machinery&Engineering Co, Ltd and POSCO Machinery Co, Ltd) 02 Acquiring a licence for general construction	1982	04 Founding Iron Making & service Co, Ltd.

Awards

2018

- Work-Life balance Corporation Certification from Ministry of Employment & Labor

2017

- Winning the Presidential Award for Best Family Friendly Management
- Excellent Workplace for health promotion certification from Korea Occupational Safety and Health Agency

2013

- An industrial badge and a minister's prize for the mutual growth from the Ministry of Employment and Labor

2010

- An award for taking the lead in the project (Imperial OIL, TOTAL E&P ANGOLA)

2008

- Stone Tower Order of Industrial Service Merit on Labor Day
- Being selected as an excellent company in establishing a new labor-management culture (Minister of the Ministry of Labor)

2007

- An award for taking the lead in the project CHIYODA)
- Commemoration of being listed on KOSPI (Korea Stock Exchange, Korea Listed Companies Association)
- Winning a Prime Minister's commendation at the 40th Industrial Accident Prevention Division
- Being selected as the most excellent cooperator for the Incheon International Airport Company

2004

- An award for taking the lead in the project (ESSO)

2003

- An award for taking the lead in the project (SANHA ONDENSADOS)

1993

- A presidential citation in the prevention of industrial accidents (Group) at the 26th Occupational Safety and Health Convention

1985

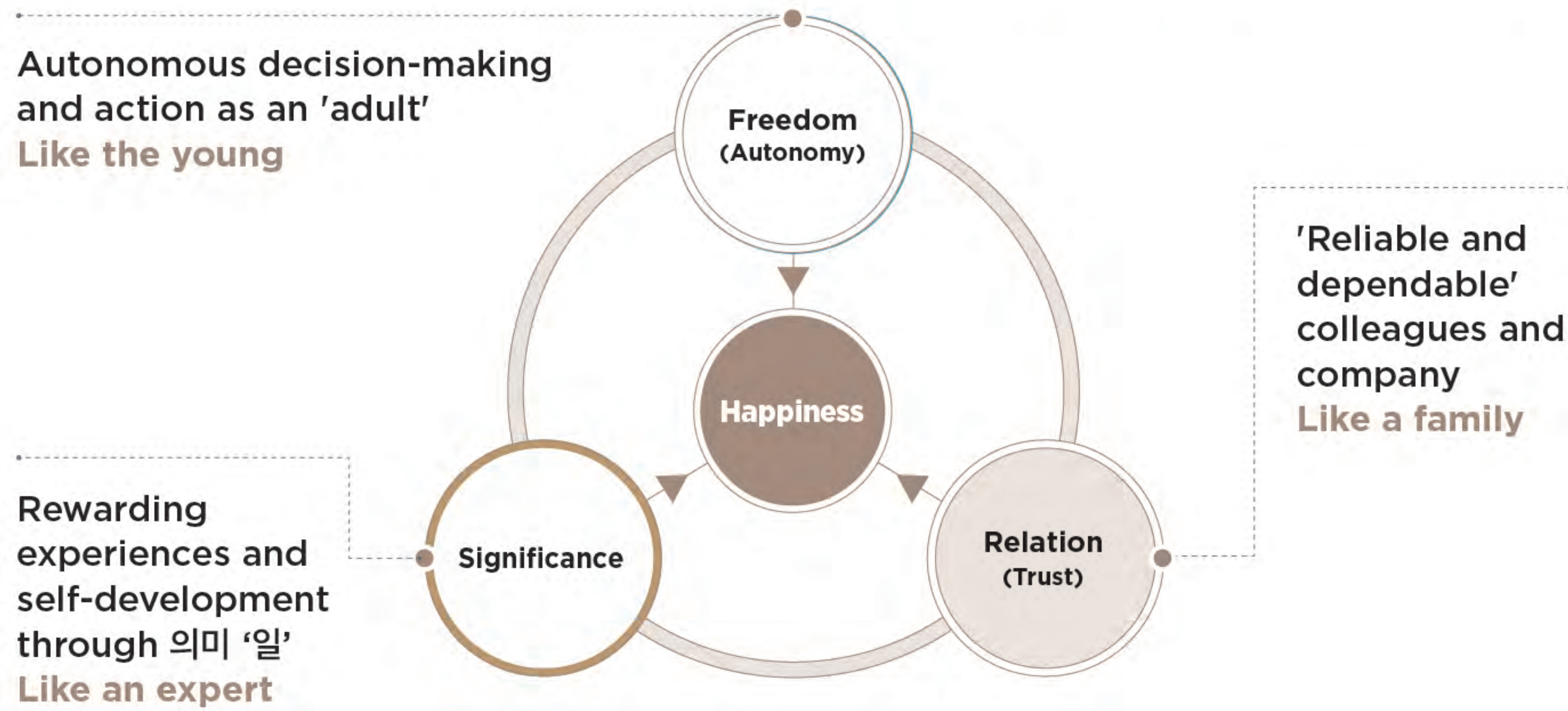
- Winning the first prize at a Daegu-Gyeongbuk contest of presenting cases of task distribution activity in quality control

01

Happy Management

POSCO PLANTEC pursues employees' and customers' happiness by harmonizing work with life on the basis of freedom (Autonomy), significance, and relation (Trust).

Three Elements of Happy Management



Happy Management Program

- Mind-caring** : •Action 3.2.1, Happy Camp, Happy special lecture | •Action 3.2.1, Happy Camp, Happy Class Individual Care
- Body-caring (Health promotive activity)** : Walking 530 Trail, Good-body Making Project
Running Promotion Center, Fitness Zone, and Mental Rest Area
- A balance between work life and home life**
- Enhancement of competence**
- Happy employees and happy customers**
- A sustainable company**



① Winning a presidential citation for being a certified company with a family-like close relationship



02

Ethical Management

We, POSCO PLANTEC, do our utmost to have an ethical corporate culture that sticks to the basics and principles settled in order to develop POSCO PLANTEC into a global engineering company.

Ethical Management

Since enacting and declaring ethical standards in 2003, all employees take ethics as the most important standard of all decision-making and actions in their managerial activities and work lives and POSCO PLANTEC is carrying out a pledge of the observance of ethical standards and anti-corruption towards all employees every year in order to express the company' will for ethical management and to infuse self-consciousness into them.

Observance of ethical standards

Activities for having an ethical corporate culture settled



Introduction of the Guideline for the Fair Trade Autonomous Compliance Program

Execution of the Fair Trade Autonomous Compliance Program

Fair Trade

POSCO PLANTEC has prepared systematic behavioral standards in 2012 and is observing such for law abidance in accordance with the autonomous compliant standards presented by the Fair Trade Commission for the purpose of preventing an offence against the Fair Trade Act.

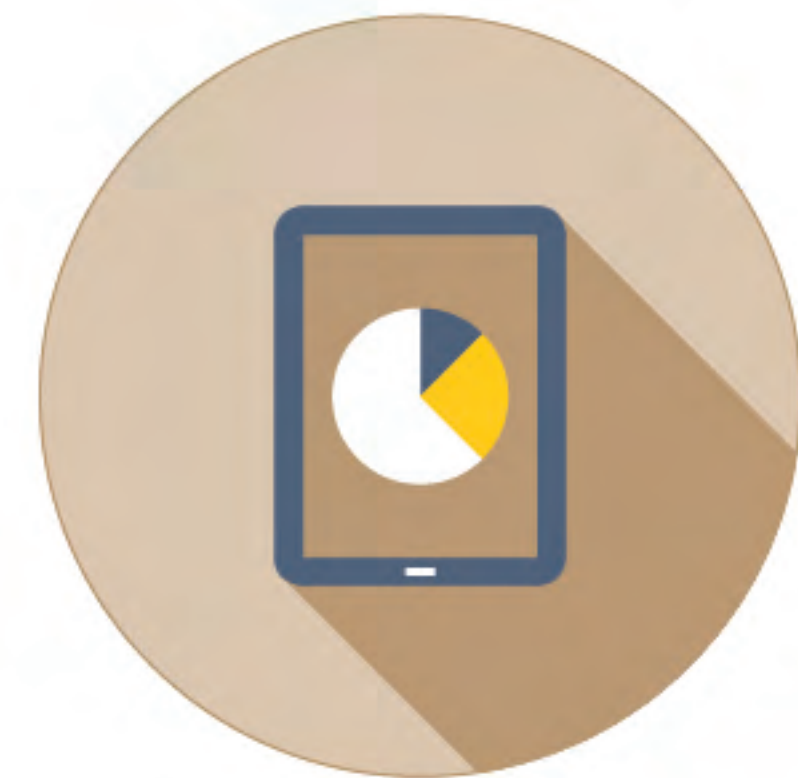
POSCO PLANTEC makes effort to prevent offences against law by intensifying autonomous compliance activities, such as a half yearly pledge for autonomous observance of fair trade and regular education for preventing risks in regard to fair trade. And POSCO PLANTEC is also intensifying self-inspection for preventing risks of violating the Subcontracting Law and official notice through a half yearly fair trade autonomous diagnosis and a quarterly inspection of risks of official notice violation.



03

Quality and Customer Satisfaction

POSCO PLANTEC takes the head in maximizing customers' happiness and value creation through the best engineering quality and services.



Enhancement of customers satisfaction

Under the goal 'to create customers value by even reflecting customers' potential needs', POSCO PLANTEC develops various activities of enhancing customers satisfaction in order to realize 'the highest quality that even satisfies customers' soul' which is POSCO's quality charter. POSCO PLANTEC also performs activities of enhancing not only satisfaction level but also process by receiving VOC(Voice of Customer) through a staged outside satisfaction survey on winning of contracts, execution, and completion to discover problems and establish improvement plans to give customers feedbacks. Furthermore, POSCO PLANTEC immediately responds to VOCs received through 'Voice of Customer' on the website and continues developing activities of breaking down walls of the organization through improvement activities via an internal interdepartmental satisfaction survey.



Quality management system

POSCO PLANTEC keeps pace with the global era and develops various activities to realize the highest quality. Under the quality goal 'the realization of customers value by securing competitiveness in quality', POSCO PLANTEC performs customer-centered quality management activities and activities of strengthening quality process pursuant to international standards and other standards and of invigorating knowledge management for the enhancement of competence and use of knowledge.



Enhancement of quality process

POSCO PLANTEC continues to develop system-improving activities, reflecting the latest requirements for ISO9001 Quality Management System and realizes the systematic, effective management by constructing computing infrastructure for quality control. POSCO PLANTEC also has constructed an unconformity management system, a corrective measure management system, and a failure cases management system that can immediately respond to dissatisfaction with products or services so as to make doubly sure to prevent the reoccurrence of failure cases by managing them continuously.



Invigoration of knowledge management

POSCO PLANTEC has constructed a sustainable foundation for growth by systematizing knowledge and knowhow which are the core competences for EPC industry. POSCO PLANTEC accumulates knowledge by accumulating and sharing systematized knowledge and constructing a knowledge management system which is divided into Regulation Center, Knowledge Center, Communication Center, and Creation Center.

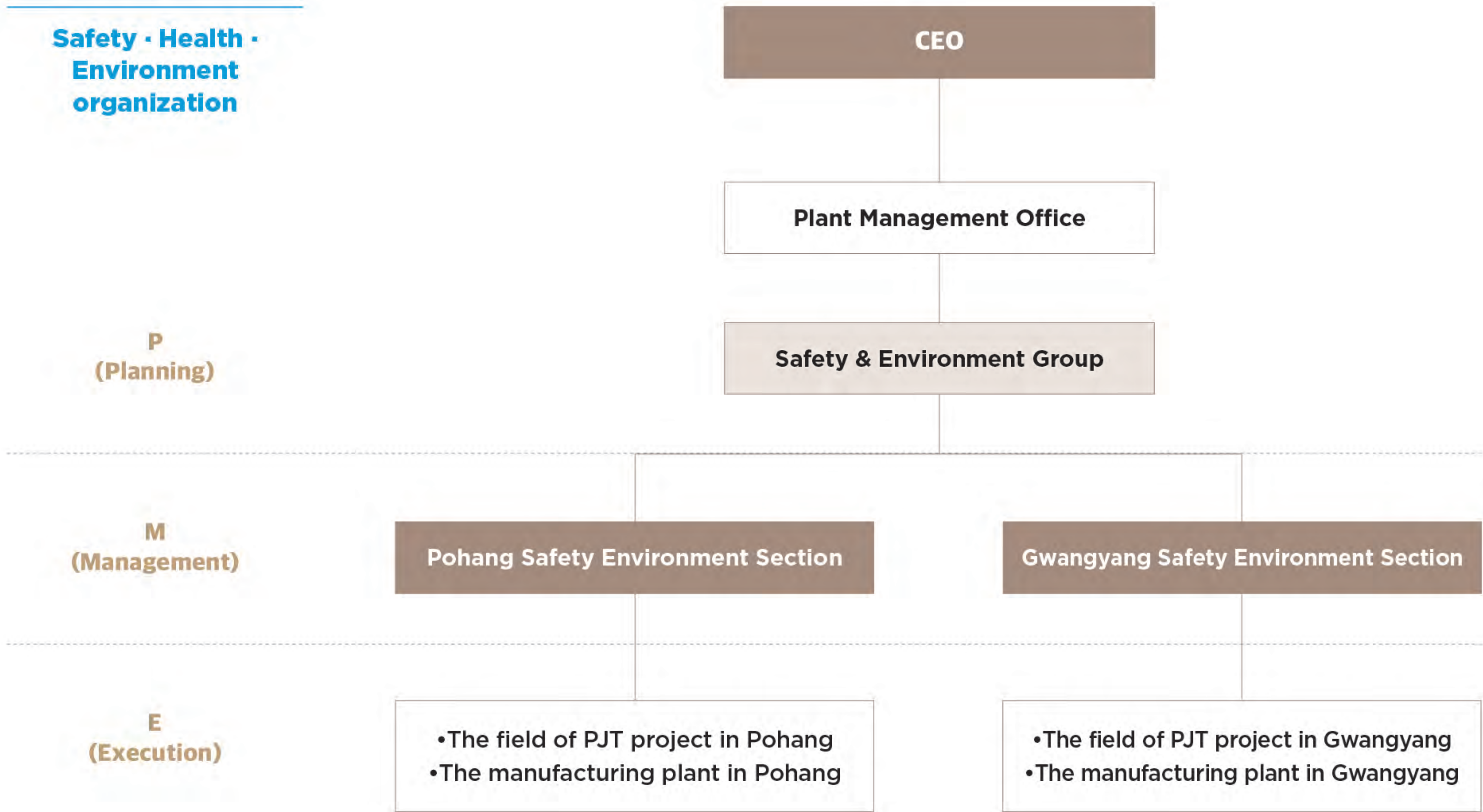


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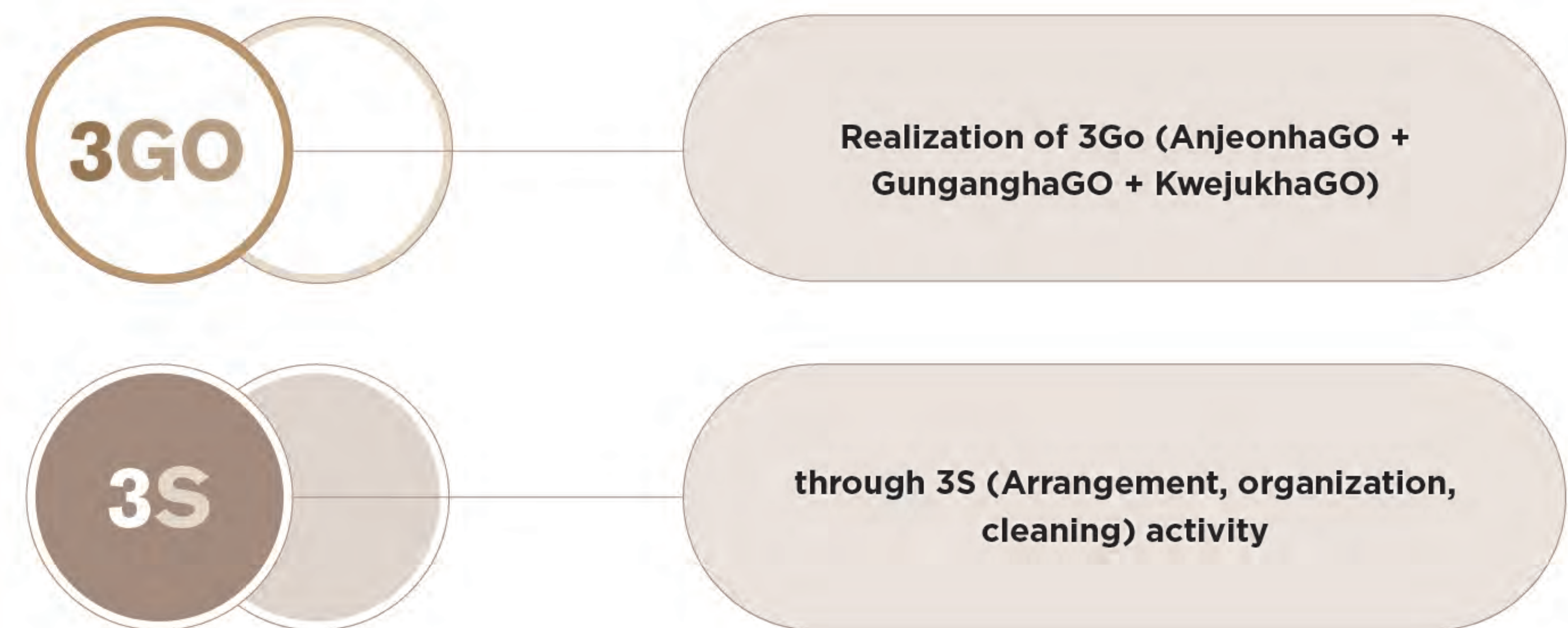
Safety, Health, Environment

POSCO PLANTEC does its best in safety & health activities sticking to the basics by establishing policies on safety, health, and environment on the basis of the management philosophy focusing on the respect for humanity.

POSCO PLANTEC continues making effort to achieve the disease-, disaster-, and pollution-free principle inside the plant, taking S (Safety), H (Health), and E (Environment) as the foundation for management. In order to achieve such goal, POSCO PLANTEC makes effort to satisfy employees, customers, and the persons concerned by improving the riskiness in regard to safety & health and environmental effects in all processes, including designing, manufacture, painting, and delivery of all products that are produced in accordance with the requirements for ISO45001 and KOSHA 14001



Key point Directed towards safety and environment management



Construction of safety·health culture and mind

POSCO PLANTEC's all employees keep in mind that safety and health management has to come first by chanting the Safety Slogan prior to all meetings. POSCO PLANTEC allows issues related to safety and health to be shared through a monthly steering session and runs safety and health education programs designed for each department and position. POSCO PLANTEC puts much work into establishing a safety culture for realizing a disaster-free workplace through a pledge for the observance of safety and health regulations each year.

Audit activity related to safety and health

POSCO PLANTEC makes great effort to realize a disaster-free workplace by performing audit activities 6 times each year (3 theme inspections and 3 safety diagnoses) with regard to the fulfillment of safety and health management at all workplaces.

Near-miss management

POSCO PLANTEC conducts a riskiness evaluation after taking measures of examining the field, establishing improvement plans, and preventing the reoccurrence of near-miss events at the workplace in order to make the workplace free from disasters.

Cooperators Sensibility management

POSCO PLANTEC recognizes the management of the safety of cooperators as the beginning of its safety management and performs safety inspections and diagnoses on cooperators each month.

ISO 45001



KOSHA-MS



ISO 14001



Selected as an excellent workplace in health promotion



05

Risk Management

POSCO PLANTEC has established an intergrated risk management process that covers from the beginning of a project to the closing of a project.

Risk management process POSCO PLANTEC is operating is divided into the bidding for a contract stage and the execution of a project stage. The company manages the various risks which might occur in all stages form the winning a contract to the executing the project by analyzing the risk factors and preparing for the uncertainties.

Risk Management Process



Risk management at the Winning a contract stage

To identify the risks and plan the risk responses early at the bidding for a contract stage, the company operates 4 step risk management process, i.e. Meeting for analyzing the feasibility of the project, Meeting for the risk analysis of the project, Council for winning a contract and Meeting for analyzing the terms and condition before signing the contract.

Risk management at the stage of progress

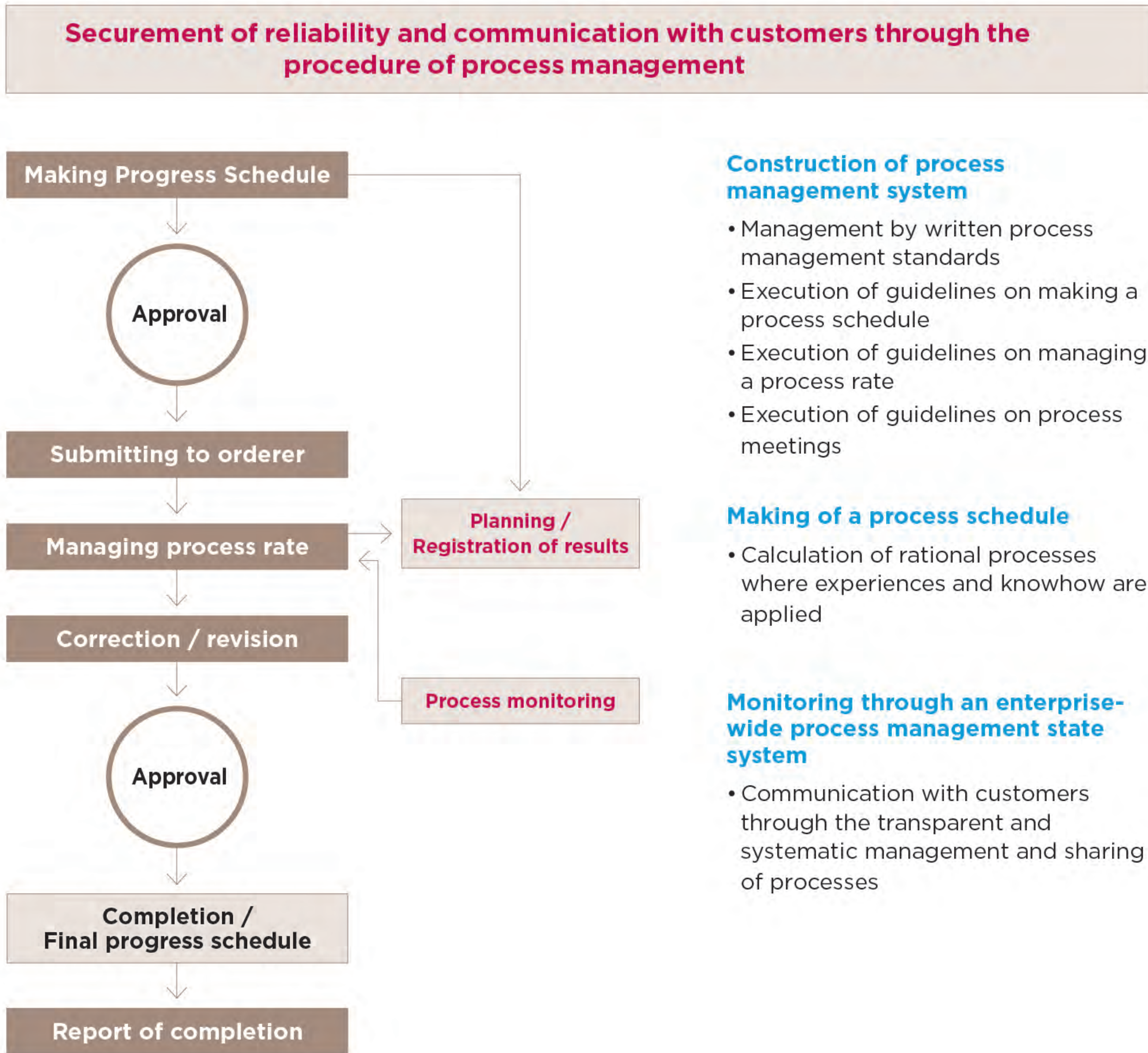
POSCO PLANTEC runs the Early Warning System in order to manage risks of a project in progress. POSCO PLANTEC manages a risk responsive system designed to identify, evaluate, and give feedback on risks until the completion of a project and to monitor, track, and manage risks until they are solved.

06

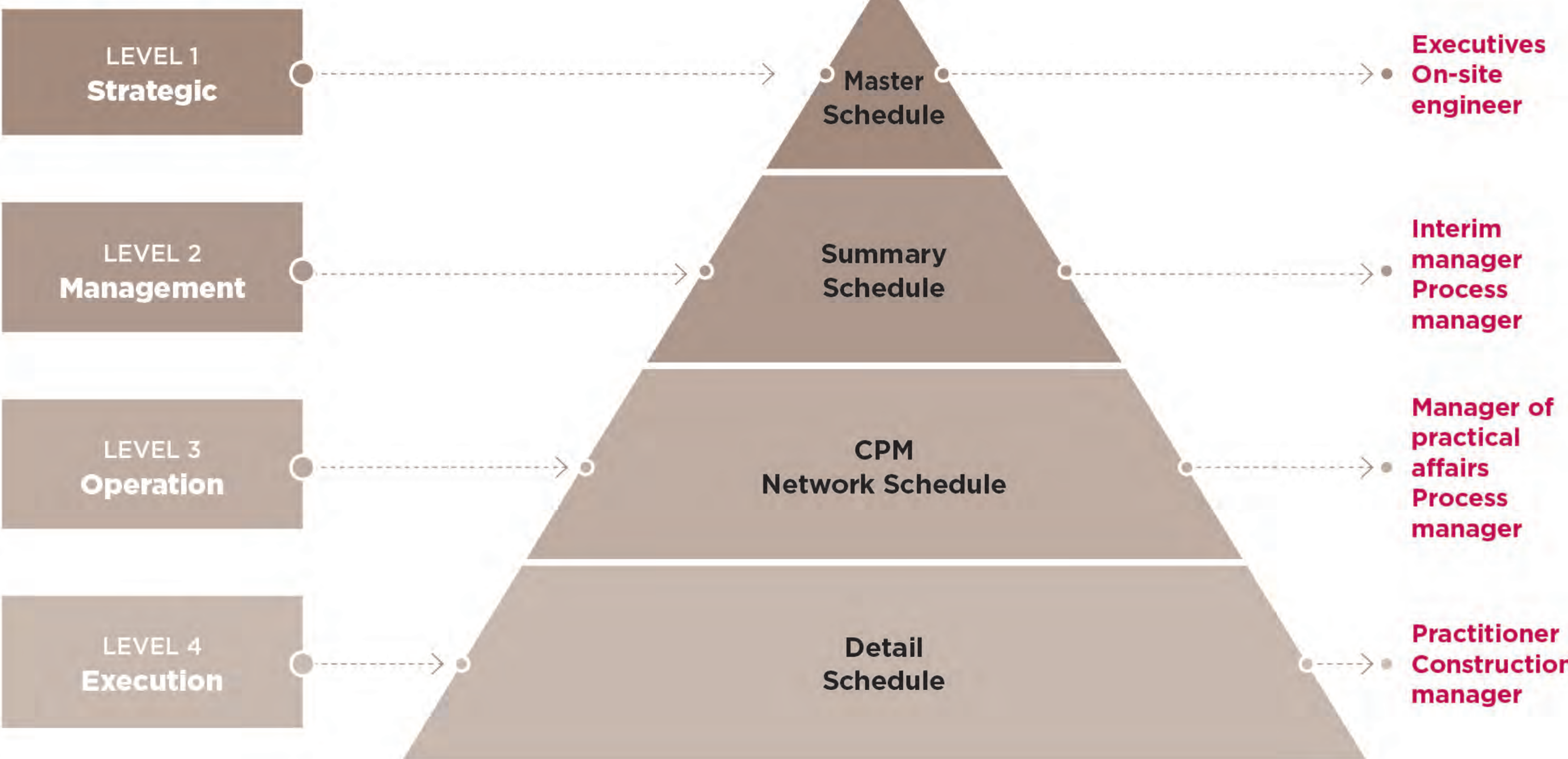
Process Management

POSCO PLANTEC creates customers value by completing a project with the best quality demanded by customers within a given period.

Process of process management



Process management system



07

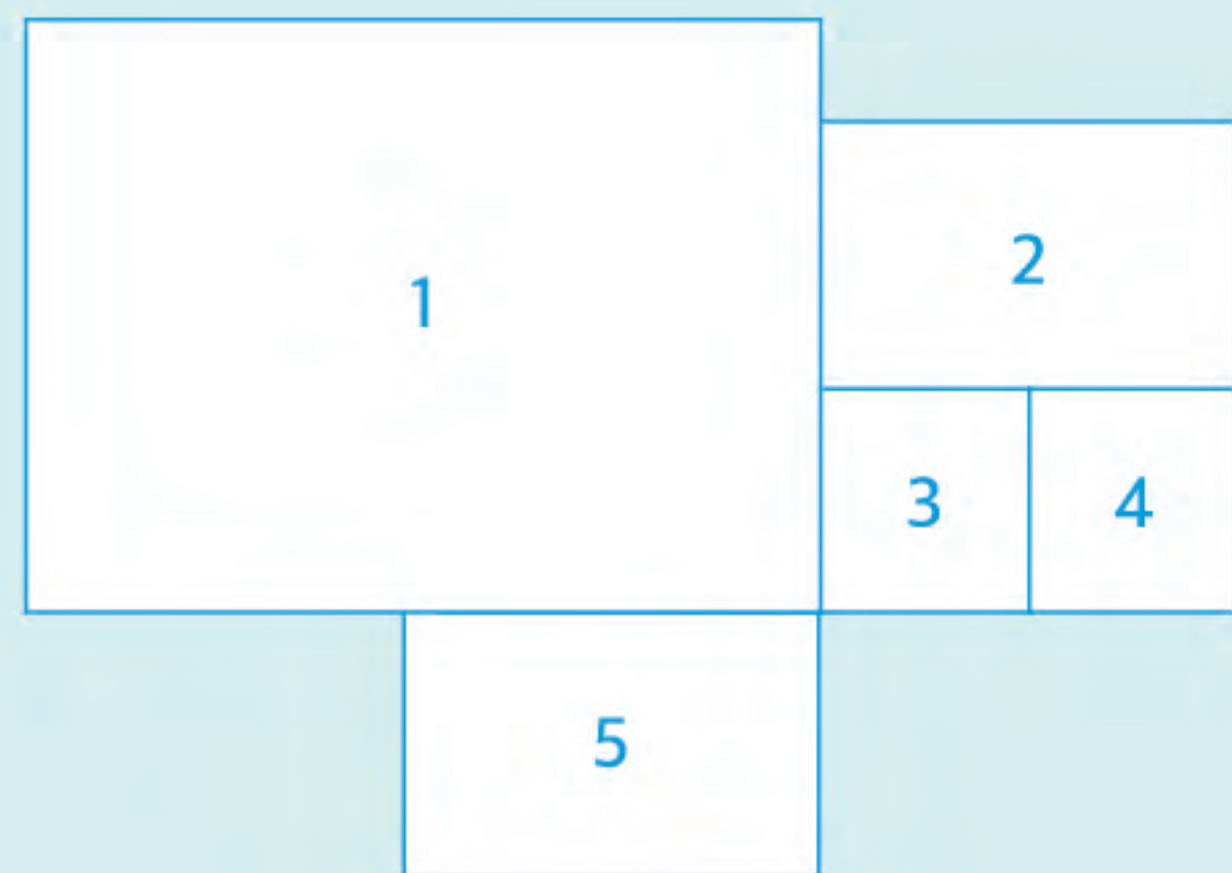
Office & Plant Location

POSCO PLANTEC is steadily growing into a global EPC company, carrying out projects inside and outside Korea, on the basis of its technologies and experiences having been accumulated.



① Head office in Pohang

- **Address** : 61, Daesong-ro 83-beongil, Nam-gu, Pohang-si, Gyeongsangbuk-do, Korea
- **TEL** : (054)279-7114 **FAX** : (054)279-7999



Plant Engineering Total Solution Provider POSCO PLANTEC

② New Port Plant in Pohang

- **Total ground area** : 66,116m² (Approx. 20,000 pyeong) *1pyeong= 3,3058m²
- **Main production** : Production of conveying & loading/unloading facilities, transport facilities, steel facilities, belt conveyors and rollers



③ Gwangyang Plant

- **Total ground area** : 13,464m² (Approx. 4,073 pyeong) *1pyeong= 3,3058m²
- **Main production** : Production of maintenance equipment for steel mill and BAF

④ Pohang Roller Plant

- **Total ground area** : 5,625m² (Approx. 1,700 pyeong) *1pyeong= 3,3058m²

⑤ Seoul Office

- **Address** : 12th floor, No. 1209-1211, Hanshin Intervalley 24-seogwan, 322, Teheran-ro (Yeoksam-dong), Gangnam-gu, Seoul, Korea
- **TEL** : (02)2052-1630 **FAX** : (02)2183-3390



Be your Best Partner POSCO PLANTEC

Challenge to create something out of nothing
Continuous innovation to take the head in changes
Genuine passion that even touches the soul

POSCO PLANTEC is your forever partner that can enhance your value through passion, knowledge, and creation.

posco
포스코플랜텍

POSCO Group companies at present



Steel

- POSCO C&C
- SNNC
- POSCO P&S



E&C

- POSCO E&C
- POSCO A&C



Trade

- POSCO INTERNATIONAL



ICT

- POSCO ICT



Energy

- POSCO ENERGY



Materials Chemicals

- POSCO CHEMICAL
- POSCO M-TECH
- PNR



Support

- POSMATE
- POSCO TERMINAL
- POSCO Capital
- POSRI
- POSCO HUMANS
- POSCO Group University
- POSCO eNtoB

POSCO PLANTEC
will always be your reliable partner on
your path of making a bigger future.



LOGISTICS



A promotional
video including the
introduction of the
company



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T.02-2052-1630 F.02-2183-3390

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posco PLANTEC

We make a happy
engineering world with
passion, knowledge, and
Creativity



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PLANTEC