

**GLOBAL BEST & FIRST**

**GLOBAL BEST & FIRST**



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Global GS E&C

Friendship is...

Expanding the size of the world and broadening the depth of your emotion.  
Global Corporation, GS Engineering & Construction Co. is leading us to  
a world of warmth filled with amazing new sights.

# Global First

A building that surprises the world expresses a new aspect of our culture.  
This corporation will become the first friend you turn to in order to broaden your horizons.  
GS E&C presents the construction techniques that are recognized as the best,  
Our rush to become the Global First expands the scope of your world.

Better World - It's GS E&C Spirit





# Global Best

Succeeding in work where few take up the challenge is what makes a deep impression on us.

This corporation remains as a best friend in our customers' minds.

GS E&C turns impossibility into possibility by taking challenges and harnessing our creative spirit.

We are becoming Global Best Corporation to expand the horizons of your world.



Better World - It's GS E&C Spirit



# CEO's Message

We sincerely thank our customers  
who have come to love and support GS E&C.



Global best & first

Since its establishment in 1969, GS E&C has continued its brilliant growth on the basis of a balanced business portfolio of industrial plants, electric power generation, environmental, civil engineering, construction and housing projects and is standing tall as the super excellent construction company of Korea.

We will lay the foundation stone for our emergence as a Global Top Tier constructor through our continuous development of human resources, the acquisition of high technology and the spirit of bold challenge and speedy implementation.

Dear Customers,

Now GS E&C is making a new start in its quest to become a true super excellent global company that leads the construction culture in Korea and competes with world-class construction companies.

We will secure global capabilities and fire up future growth businesses in the environment and energy-related business sectors and seek out continued investment and technological development. At the same time, we will maintain stable growth through systematic risk and business management.

GS E&C promises to remain true to our role as the best business partner providing total solutions through endless R&D and innovation. We are putting top priority on providing our customers the quality and value.

Thank you.

CEO | Myung-Soo Huh *M. S. Huh*

“

GS E&C promises to remain true to our role as the best business partner providing total solutions through endless R&D and innovation. We are putting top priority on providing our customers the quality and value.

”



Securing Top 5 Status in the Financial World,  
And the No. 1 position in corporate preference,  
GS is societies and the customer's most respected corporation!

# Global Pride GS

## GS Group

GS took the Top 5 status in the financial world, securing future growth engines, and taking the first place for their mid and long term goals of achieving the vision of 'Value No.1 GS envied by everyone'. This corporation is concentrating our energy on the profit-centric qualitative growth that took the Top 5 status in the financial world. We continue with plans to discover new businesses and continue to place emphasis on greater sales from our overseas/local businesses to secure our future growth engines.

This corporation aims to take the first place in corporate preference by revealing the best corporate image and by being the top corporation in the field by putting its top priority on being a corporate citizen most loved and respected by our customers and society while simultaneously seeking sustainable and profitable growth.



### Symbol

The symbol represents construction, dynamism of energy business, growth and vigor of the distribution/service business

- Orange:** Energy, Dynamism, Sun, and Enthusiasm
- Green:** Environment, Land, Unlimited potential, Growth, Strong will, Support
- Blue:** Leadership, Excellence, Solidity, Sky, and Creativity

### Logo

Our logo represents GS group's commitment to customer satisfaction in the forms of Good Service, Great Satisfaction, Great Solution and Great Success, etc.

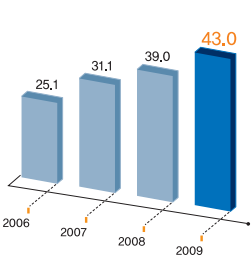
## GS Group

### GS E&C

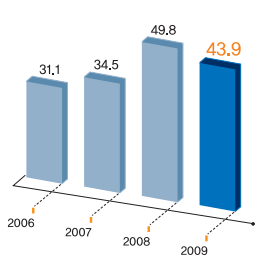
### GS Holdings

- GS Caltex(Petroleum)
- GS Retail(Convenience Stores, Supermarkets)
- GS Shop(Online Shopping, Home Shopping)
- GS EPS(Power Plant & Development)
- GS Global(Cement, Energy, Steel, Plant & machinery, Distribution)
- GS Sports(Pro Soccer-FC Seoul)

Assets (Unit : KRW 1 Trillion)



Sales (Unit : KRW 1 Trillion)



Leaping toward the Global Top Tier,  
GS E&C develops itself into a true global corporation through the  
Vision 2015 plan!

# Global Class GS E&C



## VISION & CORE VALUES

GS E&C has begun a strong jump towards becoming a global Top Tier construction company, extending its borders far beyond. We will stand on high as a company that provides the best value to our customers through the 'Vision 2015', a specific strategy that was established to reach our goal of being a Top Tier company by 2015.




### VISION

Through creativity and passion, GS E&C aims to create values that enrich human life and declare our emergence as a reliable partner and a global No. 1 company that is trusted by employees, investors and society.

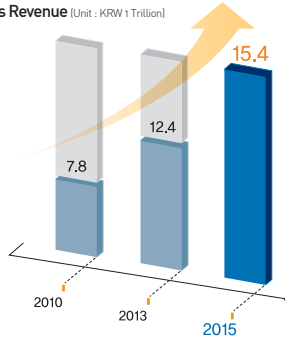
With our creative passion, trust in us to create the world's best values  
**Best Partner & First Company**

### CORE VALUES

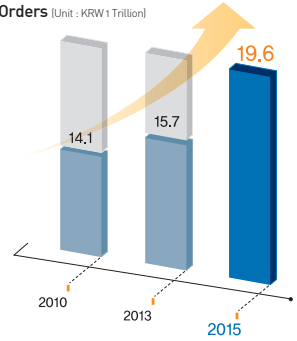
GS E&C is maximizing customers' satisfaction all over the world based on our three core values of change through innovation, being the best and securing trust.

CORE VALUES		
		
Great Innovation	Great Challenge	Great Partnership
<b>Respect for Diversity</b> The company regards the diverse opinions of its members as a basis for positive change.	<b>The Spirit of Challenge</b> The company ceaselessly makes the challenge to achieve our goals with a firm confidence in its success.	<b>Mutual Respect</b> Members of the company and customers respect and develop confidence in one another.
<b>Manifestation of Creativity</b> The company attempts to make changes from new perspectives that depart from existing frameworks.	<b>Autonomous Responsibility</b> Every member of the company will voluntarily conduct business in the belief that each and everyone is a person in charge.	<b>Communication &amp; Cooperation</b> The company communicates and cooperates with external stakeholders and members to achieve mutual goals.
<b>Pursuit of Change</b> The company proactively responds to the managerial environment and pursues change.	<b>Pursuit of the Best</b> The company will contribute to creating the best results in business on a continual basis.	<b>Mutual Growth</b> The company will implement an ethical environmental management alongside society and the community while pursuing mutual growth for its members.
The company creates open-minded change.	The company will create the best value for everyone.	We are united as one to achieve mutual growth with the world.

Sales Revenue (Unit : KRW 1 Trillion)



New Orders (Unit : KRW 1 Trillion)





Through Continuous R&D for Value Creation and  
Persistent Development and Investment,  
we are defining the meaning of “competitiveness.”

# Global Value GS E&C

## GS E&C R&D

GS E&C is continuously investing in R&D to realize the dreams and future of the people of the world. Technology Division, the core of the competitiveness of GS E&C aims to set a future image to create the best value through the acquisition of global top-tier technology that can realize Vision 2015 while pushing for such mid-to-long term strategies as “Advance into New Business through Technology” and “Enhancement of Technological Competitiveness in Existing Businesses.”

### • Future Image & Target

- Acquisition of global top-tier technology
- Creation of the best value through technology

Advance into new business through technology

Enhancement of technological competitiveness in existing businesses

### • Strategic Direction & Implementation Tasks

Earlier acquisition of World Class Technology products

Enhancement of design of new growth business & engineering competence

Green business

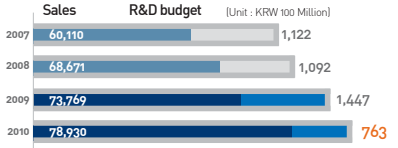
Cost reduction & enhanced acquisition of technology

Enhanced support for technology/safety/contract

## Status of R&D investment

As a leading company in construction area, GS E&C has continued to expand R&D investment to discover future growth engines.

R&D budget				
Year	2007	2008	2009	2010
Sales	60,110	68,671	73,769	78,930
R&D budget	1,122	1,092	1,447	763
Ratio of investment in R&D	1.9%	1.6%	2.0%	1.0%



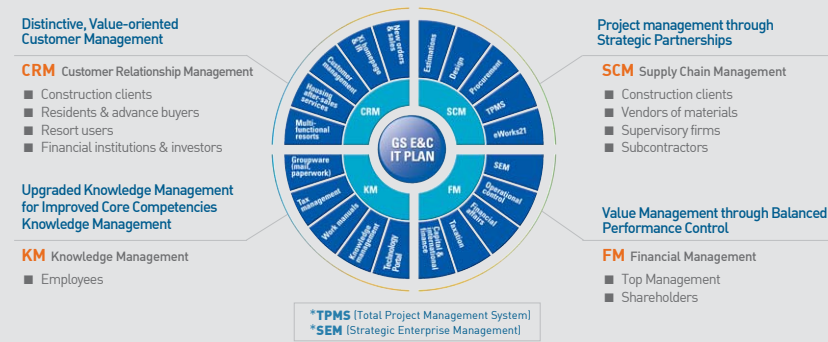
## GS E&C Research Institute

- Environmental Research center | Clean room lab | Housing environment lab | Material Research center |  
Subsidiary Facilities and Micro-grid Verification Facilities
- Site area: 20,174 pyeong / Building area: 1,803 pyeong (Total floor area 5,579 pyeong) / Location: 417-1, Deokseong-ri, Idong-myeon, Cheoin-gu, Yongin, Gyeonggi-do, Korea

# Digitalized System

## GS E&C Systems Today

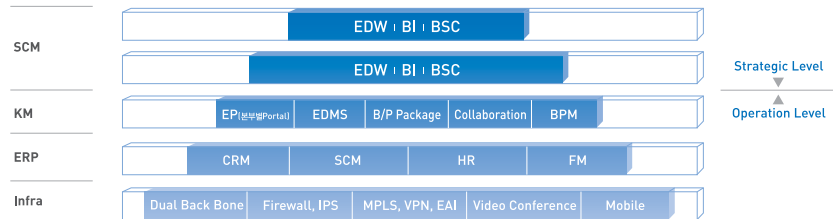
The company's digital (online) management systems are separated into customer relationship management (CRM), supply chain management (SCM), knowledge management (KM) and finance management (FM). Customer relationship management is subdivided into (1) corporate customers for the housing, architecture, civil engineering, and plant businesses, and (2) individual customers such as persons with resort memberships. The optimal CRM system is designed to accommodate the needs of customers in each segment.



## Future Direction

To enhance operational efficiency, GS E&C has built optimal networks between the Head Office and construction sites, inside and outside Korea. Links to all construction sites are subject to security controls 24 hours a day. The company has used this platform to complete a consolidated construction data system for everyday operation. The next step is to become a real-time enterprise to assist strategic decision making.

### Offering the Ultimate IT Solutions to Achieve Vision 2015



## GS E&C TPMS

### TPMS Realizing Cost Innovation

#### Daily Work Management

Daily work management entails planning and supervising work to be carried out onsite for each day. GS E&C has categorized all of the projects it has completed according to the work types and standardized the daily works of each type of projects as a Task. When a new project is taken on, a project manager formulates a master work schedule and sets up the task process and schedule in collaboration with subcontractors in accordance with the master plan. Then, conflicting Tasks are adjusted and resolved in advance of any anticipated problems

#### Material Management

TPMS material management operates under the JIT principle which states that the right amount should be delivered to the right place at the right time. The material information is linked to the detailed activity and in accordance with the work schedule, the orders for the required materials are sent to the vendors via a B2B system. The materials are delivered to the site at exactly the expected time. In the case of rebar, it is managed systematically from shop drawings to installation on the site by GS E&C's own rebar processing plant and TPMS.

#### Manpower Management

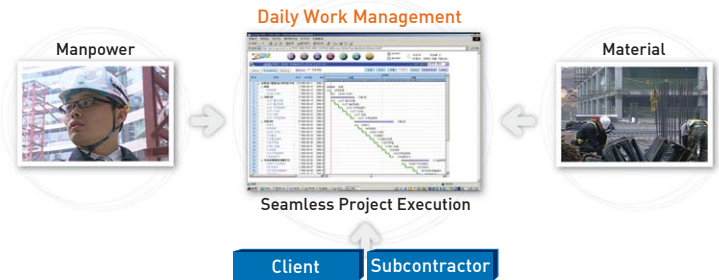
TPMS using RFID technology enables us to keep a close tab on the mobilized worker status and reduces the risk of safety accidents by restricting entrance of the safety offender to the site. It also helps establish an accurate manpower mobilization plan by calculating the productivity per worker automatically.

#### Portal Site

A customized portal site provides information and menus according to the users' needs, making it possible to share project information via TPMS. Finally, TPMS plays a role in collaboration binding every project stakeholder such as client, subcontractor, general contractor and supervisor etc.

In 1996, GS E&C became the first in the industry to adopt a Project Management System using EVM(Earned Value Management) to link schedule with profit/loss. In 2006, the TPMS(Total Project Management System) was completed by adding the concept of Lean Construction and JIT(Just In Time) to the Project Management System. This was done with the purpose of reducing waste and optimizing work processes.

This has been implemented on all sites and has enabled drastic increase of productivity. TPMS is an innovative integrated management system that enables RTE by managing the status and performance of construction sites.





# GS E&C BUSINESS AREA



Plant

**Plant**

- Petrochemical
- Oil & Gas



Housing

**Housing**

- Apartments
- Residential Complexes & Studio Apartments



Civil

**Civil**

- Underground Spaces & Railroads
- Roads & Bridges
- Dams, Harbors & Development



Architecture

**Architecture**

- Office Building
- Education, Research & Hospitals
- Culture, Leisure & Sports
- Clean Rooms & Manufacturing Facilities
- Logistics & Remodeling



Power Plant

**Power Plant**

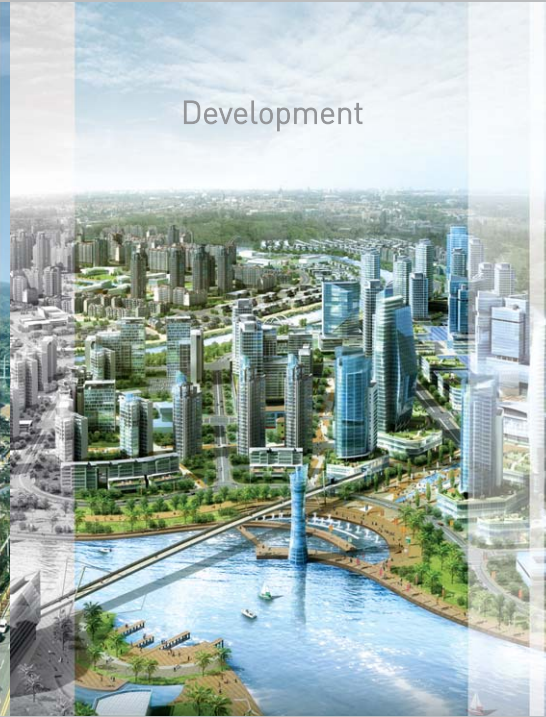
- Combined Cycle Plant / Thermal Fired Power Plant
- Co-generation Plant / District Heating
- Nuclear Power Plant



Environment

**Environment**

- Waste Treatment & Recycling
- Water & Sewage
- Wastewater Treatment



Development

**Development**

- Development



Leisure

**Leisure**

- Resorts
- Golf Courses & Hotels



# GS E&C HISTORY



1969

- Lakhee Development Co., the origin of GS E&C, was established

1982

- Awarded US\$ 1 billion Construction Export Tower for overseas construction.
- Established a local incorporation in the U.S.

1995

- The company's name was changed to LG Construction Co., Ltd.
- Acquired Certificate of ISO 9001 International Quality Management Standard.

2000

- Seohae Grand Bridge received a Presidential Award.
- Awarded the best business manager prize in '97 construction management Grand Prize' by The Korea Management Association Corporation.Standard.

2002

- The Xi apartment brand was launched.
- Awarded for corporate PR in World Advertisement Grand Prize International Quality Management Standard.

2005

- The company's name was changed to GS E&C Co., Ltd. (GS Group officially launched.)
- Selected as a company of good corporate governance by Korea Exchange.

2007

- Ranked as the 31st construction company in the world for 2 consecutive years by ENR (Engineering News-Record) in the U.S., a world-famous construction magazine.

2008

- Ground-breaking ceremony for the TBO road in Vietnam
- Ranked No. 1 in the First Brand Grand Prize for 3 consecutive years with 'Xi' APT.magazine.

2009

- 2009'13" award ceremony for the ideal living apartment-received the Banpo Xi Presidential Award
- 2009' Global Management Convention - grand prize in the Customer Satisfaction Management sector
- 2009 Korean Architecture Award - grand prize in the private sector
- Received the 2009 'Most Reliable Korean Corporation Award' hosted by the Korea CEO Association

2010

- Integrated into DJSI Global Company
- Announcement of core value for the creation of a new organization culture
- Selected as the most trusted company 2 years in a row
- Selected as the world's 36<sup>th</sup> largest constructor by ENR, a worldwide construction weekly magazine in Europe, in 2010

1969~1994

- 1969 Lakhee Development Co. was established
- 1975 The company's name was changed to Lucky Development Co. Ltd.
- 1977 Lucky Overseas Construction Co., Ltd was established.
- 1979 Lucky Overseas Construction Co. was merged. / Appointed as a housing construction company by the Ministry of Construction.
- 1981 The company was opened to the public.
- 1983 A joint incorporation of Lucky Development (Arabia) Ltd. was established.
- 1984 Awarded US\$ 1 billion Construction Export Tower for overseas construction. / A joint company in the U.S., Lucky Development International Inc. was established.
- 1989 A local incorporation in Saipan, Lucky Development Inc., was established. / Vision 21C was established to be 'No. 1 General Developer in Korea' / 'Global General Construction Company'
- 1991 Acquired construction license in Japan. / Received a medal of merit for exemplary tax payment on '1991 Tax Day' | The company history of '20 Years of Lucky Development' was published.
- 1992 Granted a patent for retractable screens for the construction of variable walls in an apartment complex. / Appointed as No. 1 Company for disaster prevention among the 30 largest construction companies.
- 1993 Granted a certificate for the capabilities to build atomic power plant facilities by the American Society of Mechanical Engineers.
- 1994 A local incorporation in Bangkok, Lucky Thai Engineering Construction Co., Ltd., was established.
- 1994 Acquired Certificate of ISO 9001 International Quality Management Standard.
- "Korean-style garbage burning system for medium and small cities" technology acquired KT mark.

1995~2001

- 1995 The company's name was changed to LG Construction. / The beginning of the year for 'Creation of a new construction culture' was announced. / The company's own supervision team was formed for the first time in Korea.
- 1996 "Goyang-Hwajeong LG APT" was selected in the "Good APT Contest" held by Maeil Economic Daily. Acquired certificate of ISO 14001 Environmental Management System.
- 1997 "Busan Haewundae LG APT" was selected in the 'Good APT Contest' held by Maeil Economic Daily. "LG Chemica's Daedeok Research Center" was awarded the grand prize in the '97 Korea Construction Culture Grand Prize'. Awarded in 6 areas including the Top Manager Prize in the '97 Construction Management Grand Prize' held by Korea Management Association Corporation.
- 1998 "Korea Polymer Building" was awarded in the '98 Korea Construction Culture Grand Prize' LG-HP SUNFLOWER INTERNATIONAL VILLAGE was awarded by Vietnam Haipong People's committee. Appointed one of the 30 superior companies in 'The 2nd Company Computerization Grand Prize' held by the Ministry of Information & Communication.
- 1999 LG Construction merged with LG Engineering. | Awarded a grand prize in the APT section in the good companies chosen by female consumers.
- 2000 The 'BIO-NET' construction method for sewage treatment was appointed as a new technology by the Ministry of Construction & Transportation. | Seohae Grand Bridge received a Presidential Award.
- 2001 LG Construction was appointed by The Korea Stock Exchange as the best exemplary company in corporate governance. The construction work for the expansion of Donghae Expressway was awarded a Presidential Prize. Appointed as a Hit Product during the 2nd half of the year in APT division by the Daehan Daily Newspaper. Awarded for corporate PR in World Advertisement Grand Prize. LG Village in Suji, Yongin city, was awarded in the gardening division in the Contest for the 1st Eco-friendly Tree-planting Landscape.

2002~2005

- 2002 Ulijn-Jukbyeon road construction site was awarded by the Director of Busan National Land Management Agency. Balan-Banwol road construction site was awarded by the Minister of Construction & Transportation. LG Construction was awarded a silver industrial medal of merit for exemplary tax payment. LG Construction was awarded a Presidential prize on the Day of Housing Construction. Korea Electricity Building was awarded an architectural prize by Seoul City. Appointed by Korea Stock Exchange as a superior exemplary company for corporate governance. LG Construction declared the "VISION 2010"
- 2003 LG Construction received the "Award for Cyber IR" in the 5th Environmental IR Grand Prize. LG Construction was awarded the "First prize in construction/cement division" in the 1st Money Today IR Grand Prize.
- 2004 Awarded a grand prize in the construction division in "2004 Environmental Management Grand Prize". LG Construction was appointed by Korea Stock Exchange as a superior company for corporate governance. LG Construction received the "Award for Cyber IR" in the 6th Hankyung Environmental IR Grand Prize. LG Construction was awarded the "First prize in construction/cement division" in the 2nd Money Today IR Grand Prize.
- 2005 The company's name was changed to GS E&C Co., Ltd. (GS Group officially launched.) and the company was ranked 1st in global customer satisfaction competency index (GCSI). Ranked 1st in the APT division in 2005 Korea Standard Service Quotient Index. The restoration project of Cheonggyecheon Stream in Seoul was awarded "silver industrial medal of merit". Awarded "General Grand Prize" in the 1st Grand Prize of Korea Civil Engineering & Construction.

2006~2010

- 2006 Received an appreciation plaque for achievement of US\$ 200 billion in receiving orders in overseas construction.
- 2007 Ranked as the 31st construction company in the world for 2 consecutive years by ENR (Engineering News-Record) in the U.S., a world-famous construction magazine. Awarded a "Gold Tower Industrial Medal of Merit" on Tax Payers' Day. Achieved KRW 10 trillion in receiving new orders. Awarded the "Best Business Management Company in Asia" by 'Asia Money'.
- 2008 Construction of TBO road in Vietnam started. Awarded the General Grand Prize in construction & industrial plant division in the 1st Korea Construction Quality Grand Prize. Management Standard. Awarded the 'Medal of merit for paying more than KRW 100 billion in tax on the 42<sup>nd</sup> tax payers day'.
- 2009 2009'13" award ceremony for the ideal living apartment-received the Banpo Xi Presidential Award 2009' Global Management Convention - grand prize in the Customer Satisfaction Management sector 5<sup>th</sup> Korean Civil Engineering and Construction Awards Ceremony - received the grand prize in the Time Square General Building 2009 Korean Architecture Award - grand prize in the private sector 5<sup>th</sup> Korean Civil Engineering and Construction Award - grand prize in general construction Received the 2009 'Most Reliable Korean Corporation Award' hosted by the Korea CEO Association Broke overseas cumulative orders of \$21billion | The world's 45<sup>th</sup> construction company selected by ENR(Engineering News Record)
- 2010 First Brand Award - Xi ranked 1st in the apartment house sector 5 years in a row Overseas Construction Award - Received the highest award in the plant sector Korea Masterpiece Brand Award - Xi received the Grand Prize in the high-end apartment house sector Korea Housing Service Award -Xi received the Land Transport and Maritime Affairs Minister Award Han River Barn Island Xi was selected in the environmentally friendly sector for the Housing Culture Award in the second half of the year Korea Apartment House Brand Award Money Today Integrated into DJSI Global Company Announcement of core value for the creation of a new organization culture Selected as the most trusted company 2 years in a row Selected as the world's 36<sup>th</sup> largest constructor by ENR, a worldwide construction weekly magazine in Europe, in 2010

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# Plant

This corporation is expanding into the world like a deep-rooted tree!

GS E&C has grown into the nation's top plant construction company recognized by the world both nominally and virtually in the EPC sector of oil refining/gas and petrochemical industries. Our engineering and technical skills have been accumulated over many years.

Also, GS E&C is growing steadily by reinforcing network in overseas, diversifying business zone, strengthening Gas business, and securing of reliable future growth engines.



Sohar Aromatics

E-LAB

Sohar Aromatics

Lidong Aromatics

HMC PP

QP LAB

ATC No.2 Aromatics

Azerpetrochim CDU/VDU

Laffan Refinery

QP Refinery Expansion

Salalah Methanol

PTT LNG

POGC South Pars Gas Field Development Phase 9&10

TPI 150,000 BPSD Refinery

Kirikale DHP-CCR

KNPC OCR Revamp of ARDS Unit

TUPRAS Izmir DHP

No.3 Heavy Oil Upgrade



Diverse experience of GS E&C makes it impossible to establish the its own petrochemical plants all over the world.

GS E&C has carried out successfully numerous petrochemical projects such as Ethylen, PP, Phenol/BPA, OCU of LG Petrochemical, and etc. in domestic market as well as Lidong Aromatics, Thai ATC Aromatics in Asia market.

With a wealth of experience in petrochemical plant construction, this corporation obtained the order of Sohar Aromatics in Oman for the USD 1.26 Billion which was the nation's largest one in 2006.

We successfully completed the construction in early 2010 with the impressive attainment of an accident-free 1.8 million man-hours.

GS E&C has tried to expand its business area into Africa. Egyptian LAB project was a trigger point to break into Africa, as well as push forward the business into the Mideast/Asia/Central and South America.



**001P E-LAB**  
Location: Alexandria, Egypt  
- Linear Alkyl Benzene 100,000 MTPY  
Project period: 2006. 02 – 2008. 07



002P



### 002P Sohar Aromatics

Location: Sohar, Oman  
 - BTX 1,000,000 MTPY  
 Project period: 2006. 06 – 2009. 11

002P



003P



### 003P Lidong Aromatics

Location: Shandong, China  
 - P-xylene 700,000 MTPY  
 - Benzene 240,000 MTPY  
 - Toluene 160,000 MTPY  
 Project period: 2004. 06 – 2006. 07



004P

**004P HMC PP**

Location: Map Ta Phut, Thailand  
 - Polypropylene 300,000 MTPY  
 Project period: 2007. 07 – 2009. 11

005P



006P

**005P QP LAB**

Location: Mesaieed, Qatar  
 - LAB 100,000 MTPY  
 Project period: 2004. 01 – 2006. 04

**006P ATC No.2 Aromatics**

Location: Map Ta Phut, Thailand  
 - Benzene 362 KMPA  
 - Toluene 66 KMPA  
 - Para Xylene 622 KMPA  
 Project period: 2005. 08 – 2008. 10



The endless efforts in Oil & Gas Plant field were finally crowned with a successful penetration into world's market and we're gradually get to earn a world-wide reputation.

GS E&C was able to accumulate extensive Know-how of internal upgrading facilities by executing GS-Caltex RFCC in the early 2000s, No. 2-3 HOU since the mid-2000s. This Corporation has not only strengthened fundamental skills in Oil sector, but also branched out into Gas sector through the LNG Terminal in Tongyoung, Incheon, and Pyeongtaek. GS E&C has built up its overseas experience in Azerbaijan/Thailand/Qatar since the early 1990s, and showed impressive execution with its reliable corporation image as well as capability of managing large scale projects such as SP 9 ~ 10 in Iran, Green Diesel in UAE, PTTLNG in Thailand, and Salalah Methanol in Oman. GS E&C was able to awarded USD 2.18 Billion contract in 2009 to build natural gas separation facilities in UAE, which is called GASCO 4th NGL. Self-confidence for carrying out large-scale gas project and bright prospects for entering gas sector with effective strategy are the byproduct of this outstanding award.

**007P Azerpetrochim CDU / VDU**  
Location: Baku, Azerbaijan  
- CDU 45,000 BPSD  
- VDU 28,000 BPSD  
Project period: 1991. 10 ~ 1994. 04

**008P Laffan Refinery**  
Location: Laffan, Qatar  
- Condensate Refinery 146,000 BPSD  
Project period: 2005. 05 ~ 2008. 12



**009P QP Refinery Expansion**  
Location: Mesaieed, Qatar  
- CDU 70,000 BPSD  
- Naphtha Hydrotreater 23,000 BPSD  
- CCR 12,300 BPSD  
- Kero Hydrotreater 11,223 BPSD  
Project period: 1999. 01 ~ 2002. 03

**010P Salalah Methanol**  
Location: Salalah, Oman  
- Methanol 1,000,000 tons/year  
Project period: 2007. 07 ~ 2010. 04

**011P PTT LNG**  
Location: Map Ta Phut, Thailand  
- LNG Storage Tanks 160,000 kl/tank  
Project period: 2008. 02 ~ 2011. 06



012P

**015P KNPC OCR Revamp of ARDS Unit**

Location: Mina Abdulla, Kuwait  
 - ARDS 66,000 BPSD → ARDS 84,000 BPSD  
 - 60,400 BPSD  
 - SRU 65,335 MTPY  
 Project period: 2002. 11 – 2004. 10

**016P TUPRAS Izmir DHP**

Location: Izmir, Turkey  
 - Kero./Diesel/Hydrotreating  
 - 60,400 BPSD  
 - SRU 65,335 MTPY  
 Project period: 2002. 06 – 2004. 12

**017P No.3 Heavy Oil Upgrade**

Location: Yeosu, Korea  
 - VR HCR 60,000 BPSD  
 - VGO FCC 53,000 BPSD  
 - HMP 110 MMSCFD  
 - SRU 450 tons/day  
 Project period: 2008. 02 – 2010. 08

015P



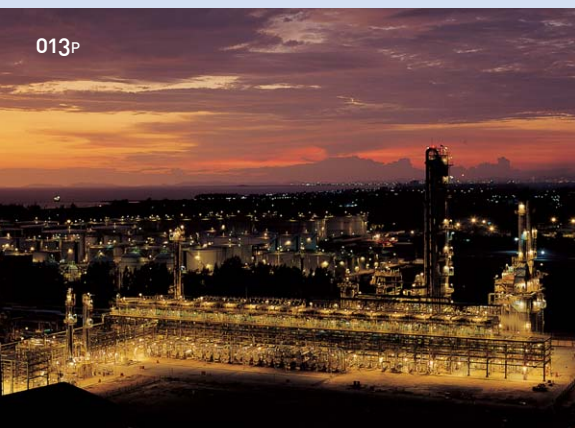
016P



017P



013P

**012P POGC South Pars Gas Field Development Phase 9&10**

Location: Assaluyeh, Iran  
 - Gas Facilities 2,000 MMSCFD  
 Project period: 2003. 03 – 2010. 03

014P

**013P TPI 150,000 BPSD Refinery**

Location: Rayong, Thailand  
 - CDU 150,000 BPSD  
 - LPG Sweet 5,500 BPSD  
 - Gas Con. 5,600 BPSD  
 - Sour Water Stripping 25,400 MMSCFD  
 Project period: 1996. 07 – 2000. 11

**014P Kirikkale DHP-CCR**

Location: Kirikkale, Turkey  
 - CCR 22,650 BPSD  
 - DHP 28,000 BPSD  
 Project period: 2005. 01 – 2007. 07



# Housing

We paint the world with  
beautiful smiles!

It is people that should be made to be beautiful,  
not a structure. It is our life that should be renewed,  
not the residence. Thus GS E&C is constructing new  
concept of apartments to harmonize people, the  
environment and high-tech digital surroundings.  
GS E&C can build a house that can bring beauty to  
human life.



BanPo Xi

Ilsan Xi

HanKang Xi

Heights Xi

YangJu Xi

ChungAm Xi

HanKang Bamsum Xi

SongDo Xi Harbor View

CheongLa Xi

Jochiwon Xi

Yeouido Xi

YongSan Park Xi

Mukdong Xi

Boutique Monaco

SeoGyo Xi

The City Seven Xi

Ilsan Xi



# Apartments

High class apartment complexes that take the lead in high-quality residential culture.

GS E&C began to construct apartments nationwide in the 1970s, and we have led the housing industry and residential culture in Korea. In September, 2002, the company initiated a new challenge to become the No. 1 player in the housing market by introducing a new brand 'Xi' to replace the existing 'LG Village'. Xi has become the brand name for the best luxury apartments in Korea and by releasing its best technical skills in the business world is providing a higher level of living space. These are the spaces that are envied by all and reflect our fundamental philosophy of grasping customer trends in advance to create a new and better lifestyle. Also, this corporation is leading the housing culture of the next generation by materializing its high-tech energy conservation technologies through Green Smart Xi, an environment-friendly, energy-saving housing design. This corporation has achieved the record of receiving the most awards in the business world in sectors such as brand competence, customer satisfaction and service from many external organizations by winning recognition for our high brand power. GS E&C has supplied apartments to all major cities in Korea including Seoul, Yongin, Suwon, Daejeon, Daegu, Busan and Gwangju and also is showing excellent performance in the reconstruction and redevelopment field. GS E&C will continue to create the residential culture of the future and foster the most desired apartment brand through endless technical innovation and R&D.

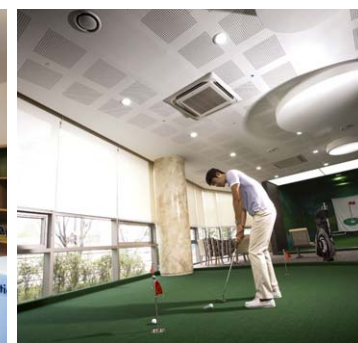


**"Xi", the top class apartment brand in Korea** | Includes the meaning of 'special intellect' as an abbreviation for eXtra Intelligent, and symbolizes the top quality apartment that the most discerning customer would select. Xi is a value-centric high class space created in consideration of its residents' values and sensibility and a space that goes beyond the simple concept of what a residence should be. This corporation is going to provide new space concepts and create new values securing aesthetic appreciation, culture and ultramodern design. We always respect our customer as a special being worthy of consideration and the utmost in service. We lead high class residential culture by providing a luxurious lifestyle and a higher level of cultural experience.

**001H BanPo Xi**  
Location: Seoul, Korea  
- Housing units: 3,410  
Project period: 2006. 04 ~ 2009. 01



002H



### 002H Ilsan Xi

Location: Kyungkido, Korea

- Housing units: 4,683

Project period: 2008. 01 ~ 2010. 09



003H



### 003H HanKang Xi

Location: Seoul, Korea  
- Housing units: 656  
Project period: 2000. 05 ~ 2003. 04

### 004H Heights Xi

Location: Busan, Korea  
- Housing units: 1,149  
Project period: 2004. 12 ~ 2008. 03

004H



005H



### 005H YangJu Xi

Location: Kyungkido, Korea  
- Housing units: 4,902  
Project period: 2003. 05 ~ 2006. 04

006H



### 006H ChungAm Xi

Location: Seoul, Korea  
- Housing units: 170  
Project period: 2003. 07 ~ 2005. 08



007H

**007H HanKang Bamsum Xi**

Location: Seoul, Korea  
 - Housing units: 488  
 Project period: 2007. 09 – 2010. 02

**008H SongDo Xi Harbor View**

Location: Incheon, Korea  
 - Housing units: 1,069  
 Project period: 2007. 07 – 2011. 02

**009H Cheongla Xi**

Location: Incheon, Korea  
 - Housing units: 884  
 Project period: 2007. 12 – 2010. 06

**010H Jochiwon Xi**

Location: Chungcheong Namdo, Korea  
 - Housing units: 1,429  
 Project period: 2006. 11 – 2008. 10

008H



009H



010H





# Residential Complexes & Studio Apartments

A high class residential space that contains new added values

GS E&C is basking in the limelight in residential complexes & apartment sectors This corporation has carried out such landmark projects like Yongsan Park Xi in Seoul, Yeouido Xi and Seocho Art Xi in the case of residential complexes, and has built studio apartments in both high traffic areas and business centers in Seoul Hangangno, Yeouido, Seonreung, Seocho the Gyeonggi Bundang, and the Incheon Airport, and our studio apartments are achieving recognition for the best merchantability. GS E&C will continue to expand into commercial-residential complexes and studio apartments by securing capabilities for the construction of high-rise buildings.

**011H Yeouido Xi**  
Location: Seoul, Korea  
- Housing units: 580  
Project period: 2004. 12 ~ 2008. 04

**012H YongSan Park Xi**  
Location: Seoul, Korea  
- Housing units: 310  
- Studio: 995  
Project period: 2002. 08 ~ 2005. 12



**013H Mukdong Xi**  
Location: Seoul, Korea  
- Housing units: 411  
Project period: 2007. 10 ~ 2010. 12

**014H Boutique Monaco**  
Location: Seoul, Korea  
- Housing units: 172  
Project period: 2005. 05 ~ 2008. 07

**015H SeoGyo Xi**  
Location: Seoul, Korea  
- Housing units: 617  
Project period: 2008. 07 ~ 2012. 06

**016H The City Seven Xi**  
Location: KyungSang NamDo, Korea  
- Housing units: 1,060  
Project period: 2005. 06 ~ 2008. 12





# Civil

This corporation expands the world with its continual quest for something to take pride in.

It is our pride to contribute to the balanced development of the nation and the development of the national economy where GS E&C has successfully completed numerous civil engineering and SOC projects.

With extensive experience and superior construction abilities, we will continue to expand the sphere of life on the ground, underground and even in the sea.



Gohyeon-Hadong IC2 National Road

Seoul-Busan High Speed Railroad  
Universal Unique Urban Maglev  
Uijeongbu Light Railway Transit  
Gyeongchun Line Electrified Double Track Railway Section No.7  
Jungang Line(Cheongnyangni-Deokso) Electrified Double Track  
Seoul Metro Subway Line No. 9 Section No.904  
West Sea Grand Bridge  
Cheonan-Nonsan Express Highway  
Expressway No.100[Seoul Beltway]  
Hyeonpung-Gimcheon Highway  
Expressway No.20[Iksan-Jangsu Section No.5]  
Tan Son Nhat - Binh Loi Outer Ring Road  
Goha Grand Bridge  
Daejeon - Dangjin Highway  
Gohyeon-Hadong IC2 National Road  
Cheonggye Stream Restoration  
Pyeongtaek Dangjin Harbor Automobile Pier  
Gunjang National Industrial Complex  
Buhang Multipurpose Dam  
Incheon LPG Vessel Approaching Facility  
Construction of the Nakdong River restoration Project - Section 18  
Ecological River Improvement in the Kum River In Section 6 (Cheong Nam)



# Underground Spaces & Railroads

## A future land that broadens the horizons of life

With its characteristics and development potential, underground development becomes an alternative to solve the problem of limited space on the ground and is emerging as a new sphere in the 21st century. GS E&C has participated in the construction of subway lines and transportation facilities including the station buildings for the Subway Lines #3, #5, #6, #7 AND #9 IN Seoul, Incheon Subway Line #1, Hopo Car Station in Busan subway, Jijeongbu LRT (Light Rail Transit), Metropolitan Rapid Transit System line number 3 in Daegu, Metropolitan Rapid Transit System Zone 205 in Incheon, the Magnetic levitation train in Yongjong Island, Metro rail C911, C913 in Singapore, and many others. Our R&D in soil mechanics, rock mechanics and excavation techniques, has strengthened our capabilities for the development of underground space. In addition, the company promoted economical transportation abilities through railway projects that connect the whole nation. In addition with the completion of the Seoul-Busan High Speed Railways, a revolution began by connecting the major Korean cities in a system where all can be reached in 2 hours.



001c Seoul-Busan  
High Speed Railroad

Location: Occheon, Korea  
- Total length 12.25 km  
- Double Track Length 3,585 km  
Project period: 1999. 05 ~ 2002. 11



002c



003c

002c Universal Unique  
Urban Maglev

Location: Incheon, Korea  
- PSC BOX Girder : 6.11km, 6Stations  
Project period: 2010. 03 ~ 2012. 09

003c Uijeongbu Light  
Railway Transit

Location: Uijeongbu, Gyeonggi, Korea  
- Total length 11.1km, 15 Station, 1 Depot  
Project period: 2007. 08 ~ 2011. 07



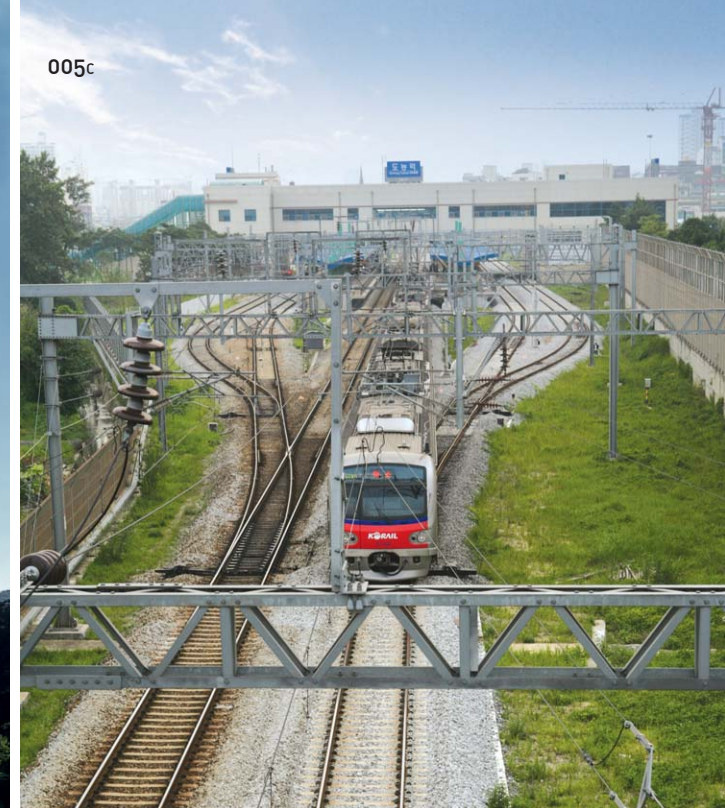
004c



#### 004c Gyeongchun Line Electrified Double Track Railway Section No.7

Location: Chuncheon, Kangwon, Korea  
 - Total length 12.146km, 5 Bridge(L=3,224m)  
 - 4 Tunnel(L=8,198m), 2 Stations  
 Project period: 1999. 12 ~ 2011. 12

005c



#### 005c Jungang Line (Cheongnyangni-Deokso) Electrified Double Track

Location: Namyangju, Gyeonggi, Korea  
 - Total length 9.5km  
 - 15 Bridges, 4 Station  
 Project period: 1997. 10 ~ 2006. 06

006c



#### 006c Seoul Metro Subway Line No. 9 Section No.904

Location: Seoul, Korea  
 - Total Length : 1.95km, 2 Stations  
 Project period: 2001. 12 ~ 2009. 08



# Roads (Bridges & Tunnels)

## The main artery for the nation's development

Roads and bridges are the basic infrastructure for the development and prosperity of a nation and life itself is developed through the construction of road networks. Since its establishment, GS E&C has participated in numerous public and privately funded civil engineering and SOC projects to construct roads and bridges for the balanced development of the nation and to contribute to the national economy. The sweat from our hard work can be found on the Seohae Grand Bridge, which is the 10<sup>th</sup> longest bridge in the world with a total length of 7.31km, Gohajuggyo which is Korea's first 3-dimensional cable Sajang Bridge, 2nd Namhae Great Bridge which is the world's first tilted tower, the expressway that leads to the Incheon International Airport and the super highways that connect all major regions in Korea. GS E&C will focus on the construction of the world's best roads and bridges through continuous technological development.



**007c West Sea Grand Bridge**

Location: Dangjin, Korea  
- Total length 4.08km  
- 3 lanes each direction  
- Bridge length 3.70km  
Project period: 1993. 11 ~ 2000. 12

**008c Cheonan-Nonsan Express Highway**

Location: Cheonan, Korea  
- Total Length: 24km, 4 Lanes  
Project period: 1997. 12 ~ 2002. 12

**009c Expressway No.100 (Seoul Beltway)**

Location: Yangju, Gyeonggi, Korea  
- Total length : 8km, 8 Lanes  
Project period: 2001. 6 ~ 2007. 12

**010c Hyeonpung-Gimcheon Highway**

Location: Gimcheon, Gyeongbuk, Korea  
- Total Length : 28.8km, 4Lanes  
Project period: 2001. 12 ~ 2007. 12





011c



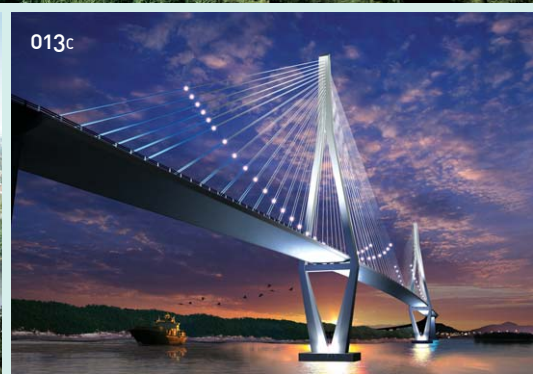
014c



012c



013c



015c



### 011c Expressway No.20 (Iksan-Jangsu Section No.5)

Location: Jinan, Jeonbuk, Korea  
 - Total Length : 3.4km  
 - 1 Bridge(L=1,060m), 1 Tunnel(L=2,300m)  
 Project period: 2001. 11 ~ 2007. 12

### 012c Tan Son Nhat - Binh Loi Outer Ring Road

Location: Vietnam  
 - Total Length : 13.7km, 12Lanes,  
 - Nielsen Arch Bridge  
 Project period: 2008. 07 ~ 2012. 06

### 013c Goha Grand Bridge

Location: Mokpo, Jeonnam, Korea  
 - Total Length : 4km, 4 Lanes  
 Project period: 2004. 11 ~ 2012. 12

### 014c Daejeon - Dangjin Highway

Location: Dangjin, Korea  
 - Total Length : 36.0km, 4Lanes  
 Project period: 2001. 12 ~ 2009. 8

### 015c Gohyeon-Hadong IC2 National Road

Location: Gohyeon, Korea  
 - Total Length : 3.1km, 4Lanes  
 - Suspension Bridge : 990m  
 Project period: 2009. 10 ~ 2016. 09



# Dams, River Developments & Marine Works

## An outpost for the development of a new world at sea

Korea is surrounded by the sea on three sides, and the vast ocean has become an important resource to be developed and managed. In this sense, harbors are essential in developing Korea into a logistics center in Northeast Asia. Dams are important in supplying a stable supply of service water and preventing national disasters. GS E&C has accumulated technologies and experience by participating in a Pan Yellow-Sea Port project which develops into a hub port in Northeast Asia. Pyeongtaek-Dangjin port, Gwangyang port, and the Incheon-docking facilities of the LPG undertaking base are representative examples and the company is proceeding with a large-scale port construction in UAE Abu Dhabi on the basis of our extensive experience in this area. For the construction of dams, the company will actively invest in core technologies beginning with Buhang Dam as a future growth engine. Furthermore, GS E&C has revived the eco-system and restored 600 years of cultural heritage through the restoration project of the Cheonggyecheon Stream. This corporation has also participated in the 4 Rivers Project of the Geumgang River, the Nagdong River to fall in line with the development plan of Korea's green growth. In the future, we will actively participate in development projects that will become an essential factor in balanced regional development.

**016c Cheonggye Stream Restoration**  
Location: Seoul, Korea  
- 8 Bridges, Length 201.51m  
- Landscaping and StreamRestoration 2.1km  
Project period: 2003. 06 ~ 2005. 12

**017c Pyeongtaek Dangjin Harbor Automobile Pier**  
Location: Pyongtaek, Korea  
- Reclamation & Site improvement 123,250㎡  
- Foundation & Basin anchorageDredging 244,599㎥  
Project period: 2006. 04 ~ 2008. 10



**018c Gunjang National Industrial Complex**  
Location: Gunsan, Jeongbuk, Korea  
- Area: 1.9mil㎡  
- Earth Work:Dredgin & Reclamation(15.6mil.㎡)  
Project period: 1997. 7 ~ 2004. 12

**021c Construction of the Nakdong River restoration Project - Section 18**  
Location: Haman, Korea  
- multifunctional barrage : [L=566.1m, H=13.2m]  
Project period: 2009. 11 ~ 2011. 12

**019c Buhang Multipurpose Dam**  
Location: Gimcheon, Korea  
- Total Reservoir Capacity 54.3 million ㎥  
- Highway length 12.71km, 9 Bridges, length 1,545km  
Project period: 2006. 11 ~ 2012. 01

**022c Ecological River Improvement in the Kum River in Section 6 (Cheong Nam)**  
Location: Buyeo, Korea  
- multifunctional barrage : [L=680.0m, H=5.0m]  
Project period: 2009. 11 ~ 2011. 12

**020c Incheon LPG Vessel Approaching Facility**  
Location: Incheon, Korea  
- Berth Facility : 55,000 DWT ×1 Berth  
Project period: 1996. 12 ~ 2000. 5



# Architecture

## GS E&C transforms the World like a Wizard's spell!

The construction of a building is not merely the creation of a structure but the creation of a new history. GS E&C has created a beautiful and practical base of life and will make history with new constructions that balance high-tech function and formative art.



Kyungbang K-project

Gwangyang Port Business Facility

Ferrum Tower

GS Tower

Seoul Central Post Office

Kyungbang K-project

New Jeollanam-do  
Government Complex

LG Twin Tower

IFC Seoul

LG Beijing Tower

LG Chemical Institute of Technology

Saudi Imam University

Buddhist General Hospital,  
Dongguk University

LG Electronics Seo-Cho  
R&D Campus

Eulji University Dunsan  
General Hospital

KT Training Institute, Wonjo

LG Art center

Gimhea Cultural Center

Korea Electric Power  
Corporation Cultural Center

COEX Convention Center &  
ASEM Tower

Health Center & Sports Area  
in Imam University

Masan 3.15 Cultural Center

National Museum of Korea

LG display Paju LCD  
Cluster (P7, P8)

Yuhan Pharmaceutical Corp.  
Ochang Factory

Garden 5

Yongsan ET land/  
Multiplex Theater

Lotte Department Store, Guri  
(Ex-GS Square, Guri)

Namchon Leadership Center



# Office Building

The landmark which changes the skyline of a city

The office buildings constructed by GS E&C are not mere facilities for work but landmarks that comprise the image of a city. They also show the character and competitiveness of the tenant companies. On the basis of our refined technology and extensive experience, GS E&C is building high-tech intelligent buildings equipped with convenient functional aesthetics, differentiated designs and perfect construction work. World-class office buildings such as the GS Tower, COEX Convention Center, ASEM Tower and Seoul Central Post Office have become representative landmarks in Seoul. Internationally, we have built the LG Beijing Tower revealing the superior technological power of GS E&C to the world. Currently GS E&C is focusing its capabilities on the construction of high-tech buildings that integrate state-of-the-art technologies and businesses by reinforcing its abilities for the planning, constructing and engineering of modern high-rises.



**001A Gwangyang Port Business Facility**  
Location: Gwangyang, Korea  
- Total floor area 18,216 m<sup>2</sup>, B1~19F  
Project period: 2004. 12 ~ 2007. 05

**002A Ferrum Tower**  
Location: Seoul, Korea  
- Total floor area 55,618 m<sup>2</sup>, B6~28F  
Project period: 2008. 05 ~ 2010. 08

**003A GS Tower**  
Location: Seoul, Korea  
- Total floor area 141,552 m<sup>2</sup>, B6~38F  
Project period: 1994. 12 ~ 1999. 08



004A



#### 004A Seoul Central Post Office

Location: Seoul, Korea  
 - Total floor area 72,506 m<sup>2</sup> B7-21F  
 Project period: 2003. 07 ~ 2007. 08

#### 005A Kyungbang K-project

Location: Seoul, Korea  
 - Total floor area 308,597 m<sup>2</sup> B5-20F  
 Project period: 2006. 06 ~ 2009. 05

#### 006A New Jeollanam-do Government Complex

Location: Muan, Korea  
 - Total floor area 79,305 m<sup>2</sup> B2-23F  
 Project period: 2001. 12 ~ 2005. 11

005A



006A





007A



009A



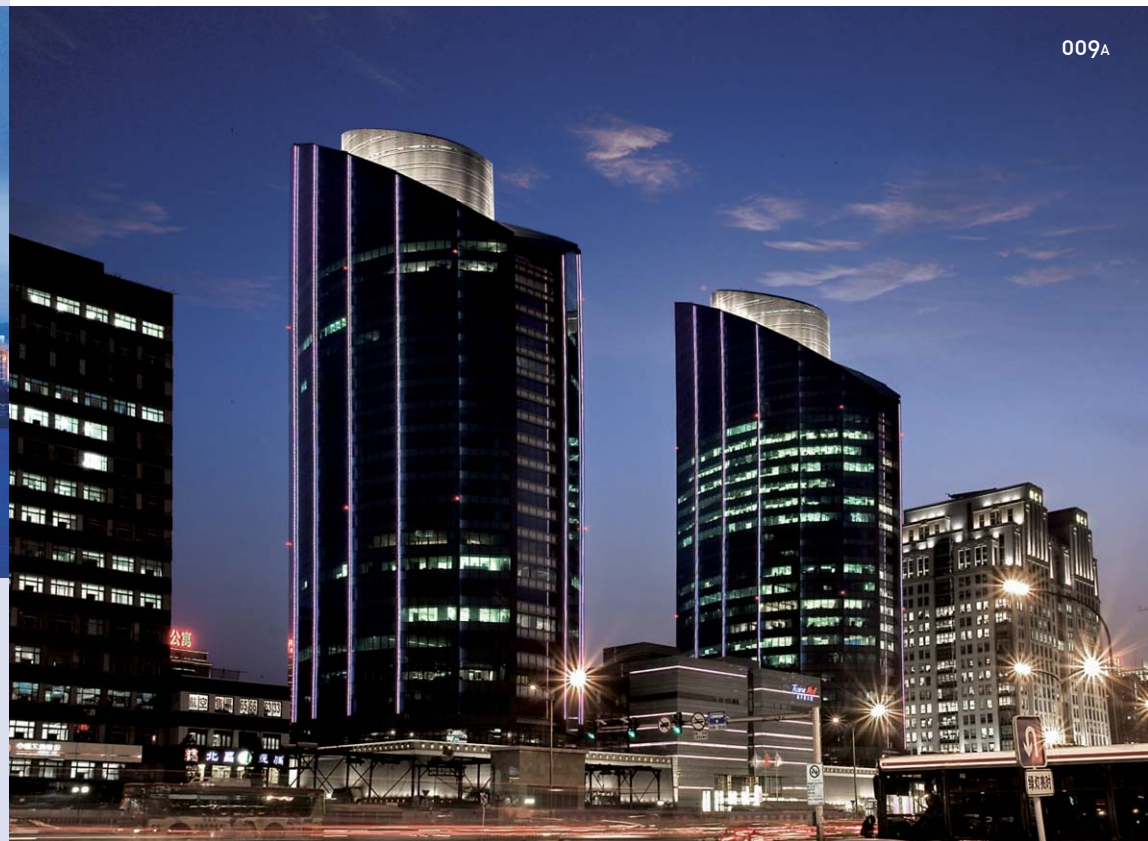
### 009A LG Beijing Tower

Location: Beijing, China  
 - Total floor area 151,346 m<sup>2</sup> B4-30F  
 Project period: 2002. 08 ~ 2005. 08

008A



009A



### 007A LG Twin Tower

Location: Seoul, Korea  
 - Total floor area 157,835 m<sup>2</sup> B3-34F  
 Project period: 1983. 06 ~ 1987. 06

### 008A IFC Seoul

Location: Seoul, Korea  
 - Total floor area 509,524 m<sup>2</sup> B7-55F  
 Project period: 2008. 01 ~ 2011. 12



# Education, Research & Hospitals

Function and aesthetics come alive in the spaces that we create

GS E&C possesses extensive experience and excellent technological power in educational, research and hospital facilities that pursue functional space and aesthetic space at one and the same time. For the construction of educational facilities that need to be designed and constructed on the basis of geography, culture and academic understanding, high-tech research facilities where various technical researches are carried out, and hospital facilities where optimal traffic lines per space and multipurpose option skills need to be applied, GS E&C combines convenient function and aesthetics simultaneously with excellence in technological prowess that maximizes our customers' satisfaction.

**010A LG Chemical Institute of Technology**  
Location: Daejeon, Korea  
- Total floor area 22,983 m<sup>2</sup>, B2-3F  
Project period: 1995. 01 ~ 2004. 09

**011A Saudi Imam University**  
Location: Riyadh, Saudi Arabia  
- Total floor area 50,947 m<sup>2</sup>  
- Accomodation & support facilities  
Project period: 1996. 10 ~ 1997. 06

**012A Buddhist General Hospital, Dongguk University**  
Location: Isan, Korea  
- Total floor area 92,276 m<sup>2</sup>, B2-12F  
Project period: 1999. 11 ~ 2002. 09



**013A LG Electronics Seo-Cho R&D Campus**  
Location: Seoul, Korea  
- Total floor area 125,070 m<sup>2</sup>, B5-25F  
Project period: 2006. 02 ~ 2009. 02

**014A Eulji University Dunsan General Hospital**  
Location: Daejeon, Korea  
- Total floor area 91,741 m<sup>2</sup>, B3-16F  
Project period: 2001. 04 ~ 2004. 02

**015A KT Training Institute, Wonju**  
Location: Wonju, Korea  
- Total floor area 53,245 m<sup>2</sup>, B1-7F  
Project period: 1996. 11 ~ 2000. 05



# Culture, Leisure & Sports

## A beautiful space that upgrades quality of life

GS E&C has applied its differentiated technological power creating numerous achievements in the construction of composite facilities that combine culture, leisure and sports. We provide cultural facilities, classy hotels, leisure facilities and sports complexes that can accommodate cultural and artistic events. GS E&C has built facilities of living culture located in the local governments of Changwon, Masan, Wonju, and Jinju, Time Square was settled as the landmark of Yongdeungpo. The LG Art Center was lauded for its ideal arrangement of seating and stage, and also the main stadium of Imam University in Saudi Arabia stand as notable examples.

### 016A LG Art center

Location: Seoul, Korea  
- Total floor area 18,713㎡, 9F  
Project period: 1994. 12 ~ 1999. 08



### 017A Gimheha Cultural Center

Location: Gimhae, Korea  
- Total floor area 43,750㎡, B2~7F  
Project period: 2001. 11 ~ 2005. 11

### 018A Korea Electric Power Corporation Cultural Center

Location: Seoul, Korea  
- Total floor area 70,602㎡, B1~17F  
Project period: 1996. 09 ~ 2001. 04



019A



**019A COEX Convention Center & ASEM Tower**

Location: Seoul, Korea  
- Total floor area 554,631 m<sup>2</sup>, B4-41F  
Project period: 1997. 03 - 1999. 12

**020A Health Center & Sports Area in Imam University**

Location: Riyadh, Saudi Arabia  
- Total floor area 136,110 m<sup>2</sup>  
- Main stadium, Gymnasium  
Project period: 1984. 05 - 1997. 06



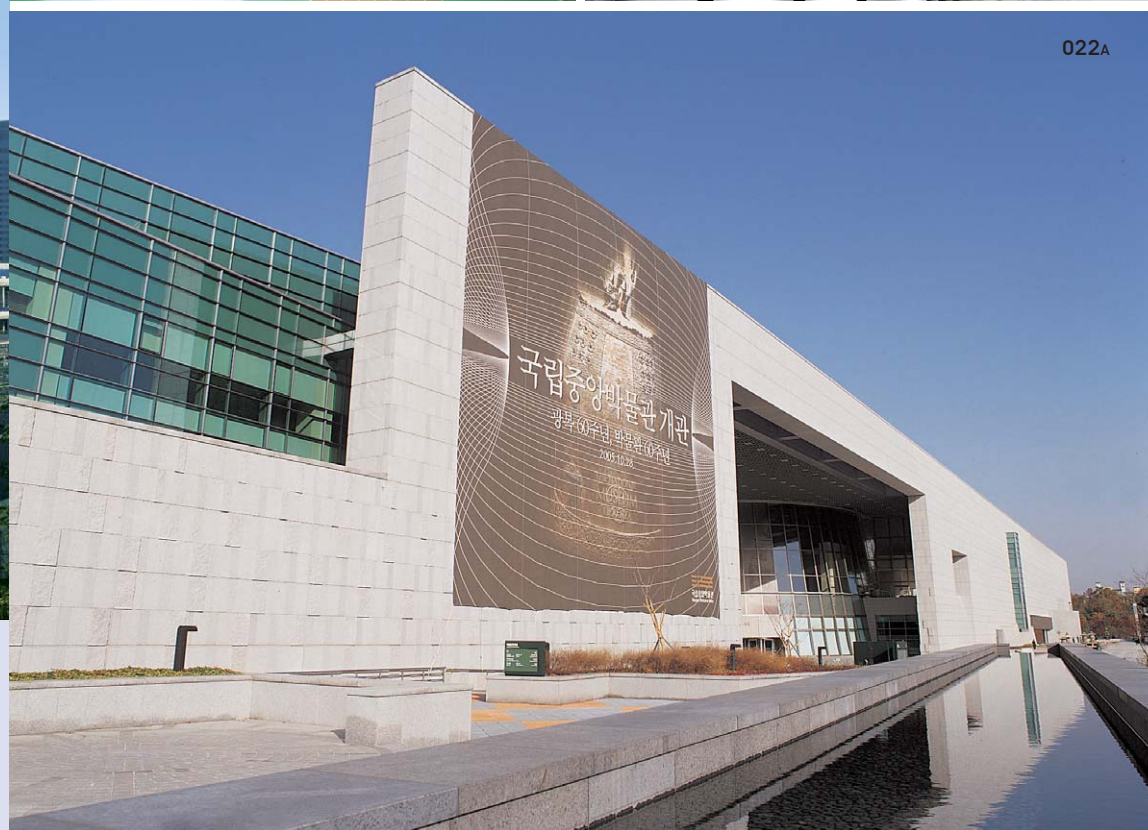
**021A Masan 3.15 Cultural Center**

Location: Masan, Korea  
- Total floor area 19,812 m<sup>2</sup>, B1-3F  
Project period: 2005. 06 - 2008. 03



**022A National Museum of Korea**

Location: Seoul, Korea  
- Total floor area 134,560 m<sup>2</sup>, B1-6F  
Project period: 1997. 10 - 2004. 02





# Clean Rooms & Manufacturing Facilities

## State-of-the-art technology to improve company productivity

GS E&C has unparalleled technological capabilities in the area of special production facilities such as LCD, PDP, semi-conductors and pharmaceuticals. We also have the best technological power and performance in the industry in the construction of clean rooms. Clean rooms are core technology for factories producing super-precision products. GS&E&C build Industrial Clean Rooms as well as the Biological Clean Room essential to the production of pharmaceutical products. The company is now expanding its business areas both at home and abroad on the basis of its technological power and know-how accumulated through the successful implementation of large scale projects including the display production lines at the LG Display industrial complex, the factories of secondary battery and polarizing plates, and the production facilities of the GMP factories of pharmaceutical companies.

### 023A LG display Paju LCD Cluster (P7, P8)

Location: Paju, Korea  
P7- Total floor area 668,547 m<sup>2</sup>, B2~7F  
P8-Total floor area 519,126 m<sup>2</sup>, B4~9F  
Project period: 2004. 03 ~ 2008. 08

### 024A Yuhan Pharmaceutical Corp. Ochang Factory

Location: Ochang, Korea  
- Total floor area 54,420 m<sup>2</sup>, B1~4F  
Project period: 2004. 02 ~ 2006. 02



# Logistics & Remodeling

## The magic of architecture can increase the value of the building

GS E&C is leading logistics and remodeling sectors with superior specialty manpower, excellent planning ability, innovative design, perfect construction work and thorough maintenance and services. GS E&C has successfully completed Block A of the Southeastern Distribution Complex; the largest distribution complex in Korea, and many other large logistic facilities. In addition, the company has extensive experience in remodeling projects including the Samcheonggak, Yongsan Electronics Land and the Export-Import bank of Korea. GS E&C is doing its utmost to maximize customer's values by establishing a total solution system that covers the entire life cycle of a building including construction, structural diagnostics and post management.

### 025A Garden 5

Location: Seoul, Korea  
- Total floor area 426,743 m<sup>2</sup>, B5~11F  
Project period: 2006. 10 ~ 2009. 03

### 026A Yongsan ET land/ Multiplex Theater

Location: Seoul, Korea  
- Total floor area 77,787 m<sup>2</sup>, B3~8F  
Project period: 2001. 09 ~ 2002. 11

### 027A Lotte Department Store, Guri (Ex-GS Square, Guri)

Location: Guri, Korea  
- Total floor area 79,978 m<sup>2</sup>, B5~9F  
Project period: 1996. 04 ~ 1998. 03

### 028A Namchon Leadership Center

Location: Seoul, Korea  
- Total floor area 6,956 m<sup>2</sup>, B3~5F  
Project period: 2005. 10 ~ 2006. 09



# PowerPlant

This Corporation shines  
brightly in the World like a Sun  
that never sets!

GS E&C will be a Global Top Tier company in the area of  
power plant construction on the basis of our  
state-of-the-art technology and perfect construction  
abilities that bring bright light and energy to the world.



Incheon Combined Cycle Power Plant(Phase #1)  
GS EPS LNG Combined Cycle Power Plant(Unit 1, 2)  
Incheon Combined Cycle Power Plant(Phase #2)  
Dangjin Coal-Fired Power Plant(Unit 7 & 8)  
Taeon Coal Fired Power Plant(Unit 5 & 6)  
Barka3 & Sohar2 IPP Project(Oman)  
Shin-Wolsung Nuclear Power Plant(Unit 1 & 2)  
Shin-Uljin Nuclear Power Plant(Unit 1 & 2)  
Yerevan Combined CyclePower Plant

Dangjin Coal-Fired Power Plant(Unit 7 & 8)



# Power Plant

## A leader equipped with unique competitiveness

GS E&C has accumulated a wealth of experience and know-how in the construction of electric power plants such as the successful construction of the composite thermal power plants in Bugok, the #5 and #6 thermal power plants in Taean, and the #1 and #2 power plant of the Incheon composite thermal power plant. Currently the company is building the #1 and #2 Sinwolseong power plants in a number of atomic power plants including Yerevan CCPP in overseas Armenia. In the field of energy, GS E&C has participated in the construction of main pipelines for gas supply in the southern region, the western region and Gangwon Province as well as several oil storage facilities and regional heating facilities. Presently the company is striving to become a leader both at home and abroad in the areas of power generation and energy.



### 001PP Incheon Combined Cycle Power Plant(Phase #1)

Location: Incheon, Korea  
- Total 500MW  
- Gas Turbine 160MW x 2  
- Steam Turbine 180MW x 1  
Project period: 2003. 01 ~ 2005. 06

### 002PP GS EPS LNG Combined Cycle Power Plant(Unit 1, 2)

Location: Bugok, Korea  
- Total 550MW x 2 - Gas Turbine 180MW x 2  
- Steam Turbine 190MW x 1  
Project period: 1997. 05 ~ 2001. 04  
2005. 12 ~ 2008. 03

### 003PP Incheon Combined Cycle Power Plant(Phase #2)

Location: Incheon, Korea  
- Total 500MW  
- Gas Turbine 160MW x 2  
- Steam Turbine 180MW x 1  
Project period: 2007. 03 ~ 2009. 06



004PP



**007PP Shin-Wolsung Nuclear Power Plant(Unit1 & 2)**

Location: Gyeongju, Korea  
- 1,000MW x 2  
Project period: 2003. 07 ~ 2010. 09

**008PP Shin-Uljin Nuclear Power Plant(Unit1 & 2)**

Location: Uljin, Korea  
- 1,400MW x 2  
Project period: 2010. 04 ~ 2017. 04

**009PP Yerevan Combined Cycle Power Plant**

Location: Yerevan, Armenia  
- Total 230MW  
- Gas Turbine 167MW x 1  
- Steam Turbine 63MW x 1  
Project period: 2007. 12 ~ 2010. 04



005PP



**004PP Dangjin Coal-Fired Power Plant(Unit 7 & 8)**

Location: Dangjin, Korea  
- Total 500MW x 2  
Project period: 2003. 12 ~ 2007. 12

**005PP Taean Coal Fired Power Plant(Unit 5 & 6)**

Location: Taean, Korea  
- Total 1,000MW  
- Steam Turbine 500MW x 2  
- Boiler 1,690 T/H x 2  
Project period: 1997. 11 ~ 2002. 09



**006PP Barka3 & Sohar2 IPP Project(Oman)**

Location: Oman  
- Total 1,500 MW (750MW x 2)  
- Barka3 IPP (750 MW)  
- Sohar2 IPP (750 MW)  
Project period: 2010. 06 ~ 2013. 03

009PP

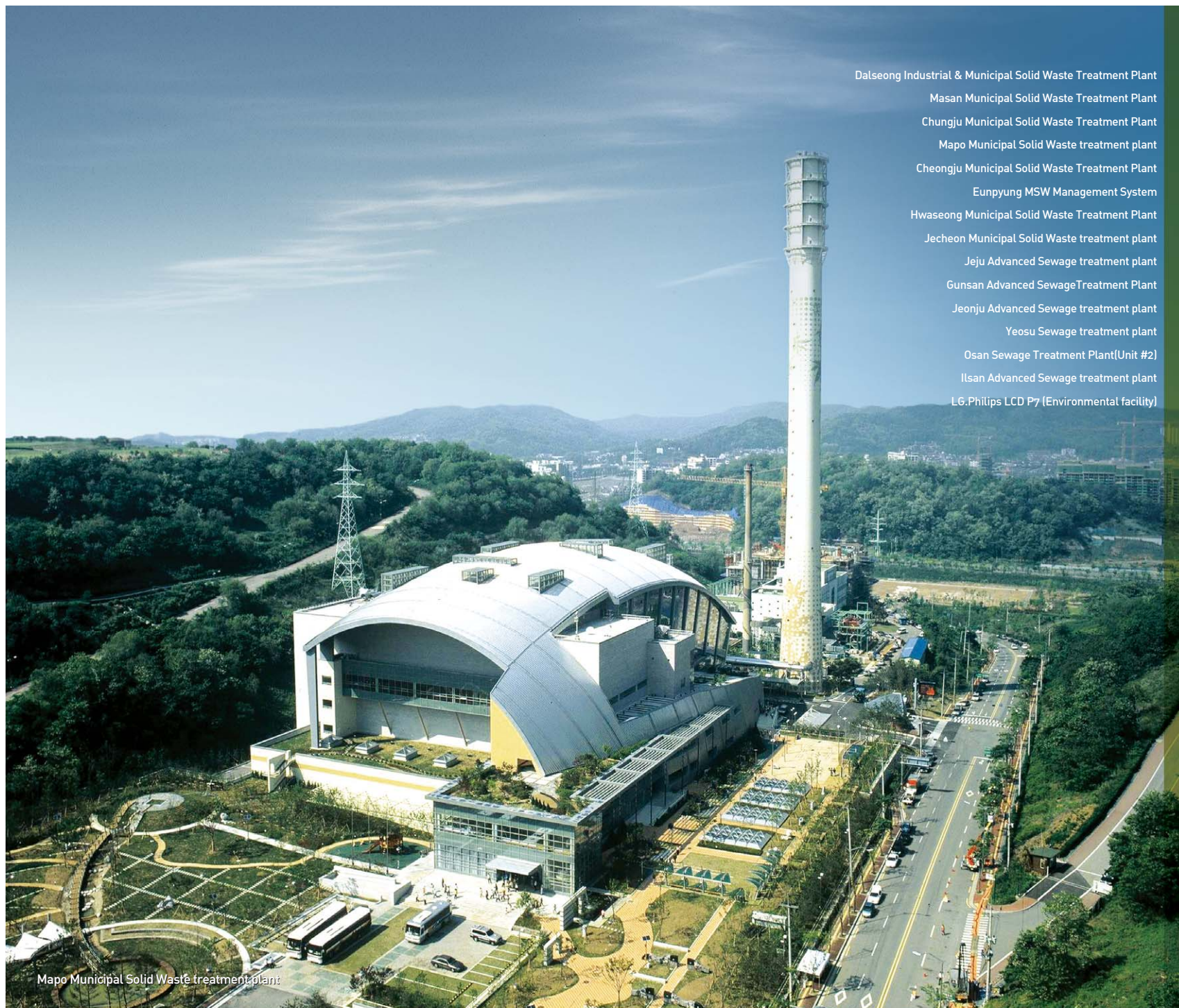




# Environment

GS E&C working towards  
a clean world!

Environmental businesses that preserve the natural environment are our promise to the next generation. GS E&C will create future-oriented values with the latest technologies and our perfect construction capabilities in the areas of waste treatment and water treatment.



Mapo Municipal Solid Waste treatment plant

Dalseong Industrial & Municipal Solid Waste Treatment Plant  
Masan Municipal Solid Waste Treatment Plant  
Chungju Municipal Solid Waste Treatment Plant  
Mapo Municipal Solid Waste treatment plant  
Cheongju Municipal Solid Waste Treatment Plant  
Eunpyung MSW Management System  
Hwaseong Municipal Solid Waste Treatment Plant  
Jecheon Municipal Solid Waste treatment plant  
Jeju Advanced Sewage treatment plant  
Gunsan Advanced Sewage Treatment Plant  
Jeonju Advanced Sewage treatment plant  
Yeosu Sewage treatment plant  
Osan Sewage Treatment Plant(Unit #2)  
Ilsan Advanced Sewage treatment plant  
LG.Philips LCD P7 (Environmental facility)



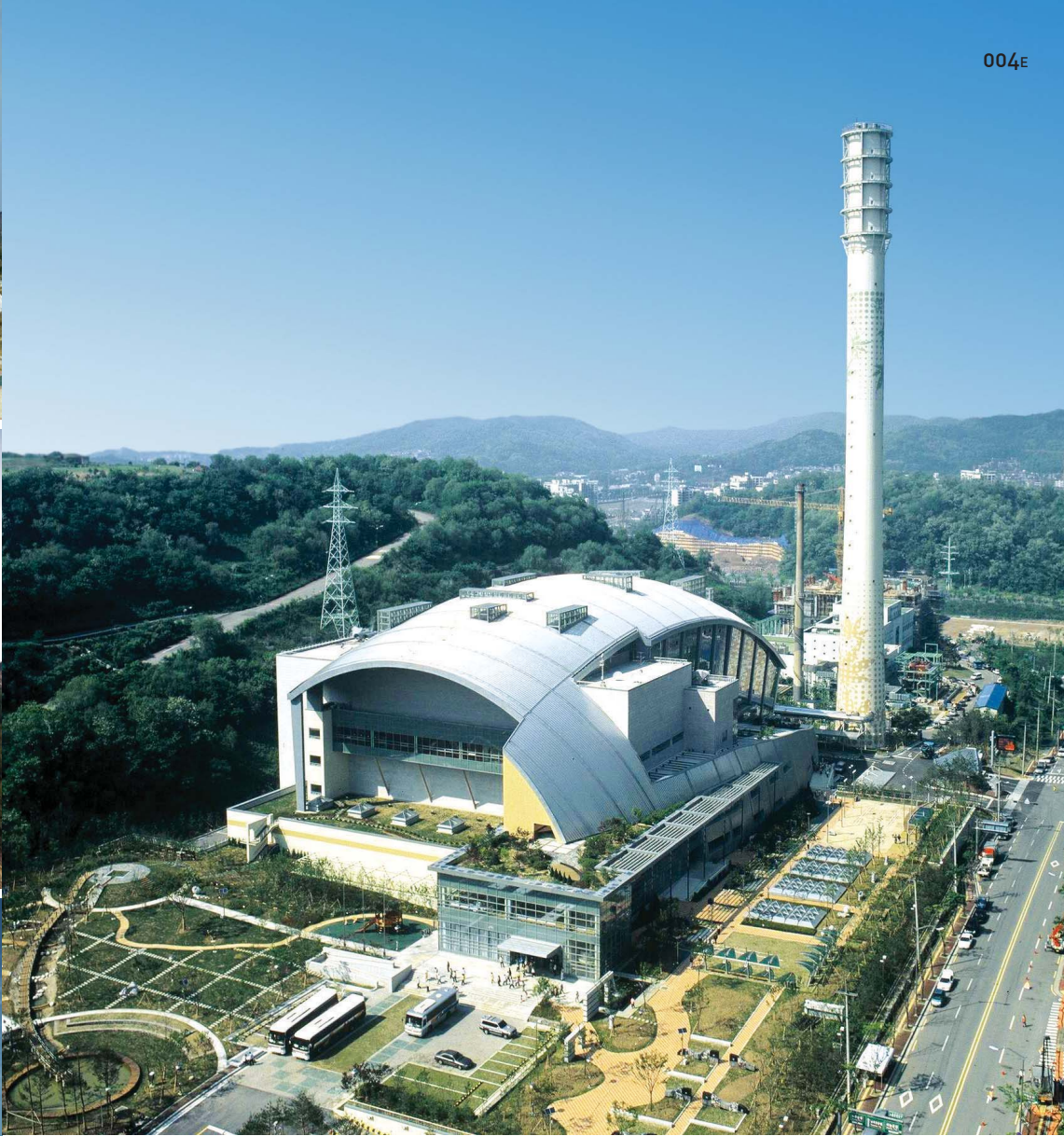
# Waste Treatment & Recycling

## The harmonization of state-of-the-art technology with the bounty of nature

GS E&C possesses the best performance in Korea in the area of waste burning disposal facilities as is demonstrated by the construction of the Mapo Recycling facilities, the Masan city Resource Recovery Facilities, and the Cheongju zone large area of incineration facilities. Notably, in the area of burning industrial wastes, the company was recognized for its advanced technologies by successfully carrying out the waste burning facilities project at the LG Philips LCD factory. In this way, GS E&C is trusted by our customers to ensure the maximization of household waste disposal facilities in the area of the Cheongju zone wide area of incineration facilities and the Masan household waste disposal facilities, prime examples of our differentiated competitiveness.

### 001E Dalseong Industrial & Municipal Solid Waste Treatment Plant

Location: Daegu, Korea  
 - Capacity: 70 ton/day  
 - Pyrolysis melting type  
 Project period: 2006. 04 ~ 2009. 12



### 002E Masan Municipal Solid Waste Treatment Plant

Location: Masan, Korea  
 - Incineration plant: 200 ton/day  
 - Stoker type  
 Project period: 2006. 09 ~ 2009. 09

### 003E Chungju Municipal Solid Waste Treatment Plant

Location: Chungju, Korea  
 - Incineration plant: 100 ton/day  
 - Stoker type  
 Project period: 2007. 11 ~ 2010. 08

### 004E Mapo Municipal Solid Waste treatment plant

Location: Seoul, Korea  
 - Incineration plant: 250 ton/day x 3units  
 - Stoker type  
 Project period: 2001. 11 ~ 2005. 04



005E



### 005E Cheongju Municipal Solid Waste Treatment Plant

Location: Cheongju, Korea  
 - Incineration plant: 200 ton/day  
 - Stoker type  
 Project period: 2006. 09 ~ 2009. 03

006E



### 006E Eunpyung MSW Management System

Location: Seoul, Korea  
 - Capacity: 48 ton/day  
 - Pyrolysis melting type  
 - MSW Automation Collecting pipe: 29.1km  
 Project period: 2006. 10 ~ 2009. 10

007E



### 007E Hwaseong Municipal Solid Waste Treatment Plant

Location: Hwaseong, Korea  
 - Capacity: 300 ton/day  
 - Pyrolysis melting type  
 Project period: 2007. 04 ~ 2010. 03

008E



### 008E Jecheon Municipal Solid Waste treatment plant

Location: Jecheon, Korea  
 - Incineration plant: 50 ton/day  
 - Stoker type  
 Project period: 2006. 03 ~ 2008. 08



# Water & Sewage, Wastewater Treatment

## Technology that protects nature and man

GS E&C is leading the public project market in the areas of sewage and waste water, and advanced waste water and sewage treatment on the basis of advanced technology power and construction capabilities.

GS E&C is expanding in the area of the advanced waste water treatment having completed such projects as the Ohsan sewage treatment plant, the advanced waste water treatment in Jeonju and the advanced waste water treatment in the heavy materials recycling center, and in this way we are leading the water treatment area on the basis of the high-tech water treatment design/construction related to the LG Philips LCD manufacturing plant.



**009E Jeju Advanced Sewage treatment plant**  
Location: Jeju, Korea  
- Advanced Sewage Treatment: 130,000 m<sup>3</sup>/day  
- CNR Process  
Project period: 2006. 09 ~ 2009. 05



**010E Gunsan Advanced Sewage Treatment Plant**  
Location: Gunsan, Korea  
- Advanced Sewage Treatment: 200,000 m<sup>3</sup>/day  
- 4-Stage BNR Process  
Project period: 2006. 09 ~ 2010. 03



**011E Jeonju Advanced Sewage treatment plant**  
Location: Jeonju, Korea  
- Advanced Sewage Treatment: 303,000 m<sup>3</sup>/day  
- CNR Process  
Project period: 2004. 10 ~ 2007. 06



012E



### 012E Yeosu Sewage treatment plant

Location: Yeosu, Korea  
 - Sewage Treatment: 35,000 m<sup>3</sup>/day  
 - MLE Process  
 Project period: 2005. 09 ~ 2008. 04

013E



014E



### 013E Osan Sewage Treatment Plant(Unit #2)

Location: Osan, Korea  
 - Sewage Treatment: 64,000 m<sup>3</sup>/day  
 - B3 Process  
 - Sewage Recycling pump: 52,000 m<sup>3</sup>/day  
 Project period: 2005. 08 ~ 2009. 08

### 014E Ilsan Advanced Sewage treatment plant

Location: Goyang, Korea  
 - Advanced Sewage Treatment: 270,000 m<sup>3</sup>/day  
 - MLE Process  
 Project period: 2006. 12 ~ 2009. 12

015E



### 015E LG.Philips LCD P7 (Environmental facility)

Location: Paju, Korea  
 - Wastewater Treatment: 51,000 m<sup>3</sup>/day  
 - Wastewater Recycling: 18,000 m<sup>3</sup>/day  
 - Water Treatment: 40,000 m<sup>3</sup>/day  
 - Deionization System: 2,400 m<sup>3</sup>/hr  
 Project period: 2004. 03 ~ 2006. 10



# Development

By Stretching the limits of the Imagination, GS E&C Designs a New World!

GS E&C, with the highest level of technology and expertise on urban mixed-use development projects, shows its capabilities to the world and extends beyond the national borders of Korea.

GS E&C is putting no limits to its imagination in the design of the future city and is successfully carrying out urban mixed-use project, new city development project and overseas development projects.



GS Metrocity Nha Be

Midan City

GS Metrocity Long Binh(Q9)

Xi Riverview Palace

Seogyo Xi West Valley

GS Metrocity Nha Be



# Development

## Beyond Korea and onto the world stage

GS E&C's development division is successfully carrying out numerous projects such as urban mixed-use development, urban revitalization, and new city development not only in Korea but also in overseas countries such as Vietnam. By 2015, we will solidify our grounds of becoming a Global Top Tier company through business diversification, continuous implementation of large development businesses both domestically and abroad, and by seeking out and fostering new businesses.

### 001d GS Metrocity Nha Be

Location: Ho Chi Minh, Vietnam  
- Site area : 349 ha  
- Purpose : new town(residential, commercial, offices, school, leisure, hospital)  
Project period: 2011 ~ 2020

### 002d Midan City

Location: Incheon, Korea  
- Site area : 1,829,945m<sup>2</sup>  
- Purpose : new town(residential, commercial, offices, leisure, hotel)  
Project period: 2008 ~ 2020



### 003d GS Metrocity Long Binh(Q9)

Location: Ho Chi Minh, Vietnam  
- Site area : 92Ha  
- Purpose : new town(residential, commercial, school, leisure, culture)  
Project period: 2014 ~ 2020

### 004d Xi Riverview Palace

Location: Ho Chi Minh, Vietnam  
- Site Area : 17,209m<sup>2</sup> - Total Floor Area : 73,099m<sup>2</sup>  
- Purpose : residential  
Project period: 2008 ~ 2011

### 005d Seogyo Xi West Valley

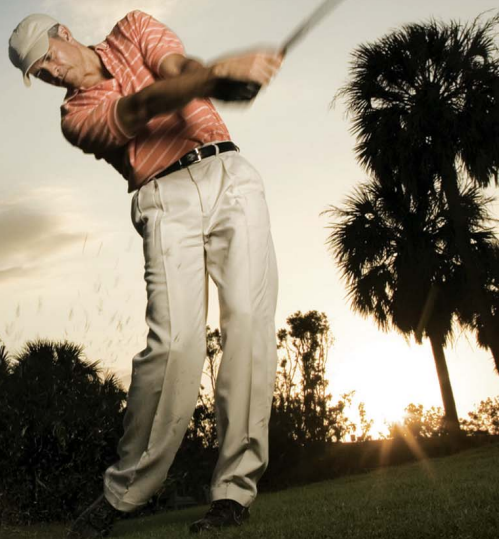
Location: Seoul, Korea  
- Site area : 37,309m<sup>2</sup> - Total floor area : 294,613m<sup>2</sup>  
- Purpose : residential, commercial, offices, culture  
Project period: 2008 ~ 2012



# Leisure

## Ensuring Ease in Life!

Competitive in the construction of leisure facilities both at home and abroad, GS E&C is offering the leisure of life and joy through the construction of amazing new leisure facilities such as the Gonjiam CC and its dynamic courses as well as the Gangchon CC, Elysian CC, Grand Intercontinental Seoul, COEX Intercontinental Seoul and the Elysian Gangchon.



Elysian Jeju

Elysian Jeju

Elysian Gangchon

Alpensia Resort

Grand Intercontinental Seoul

Vietnam HaiphongSunflower

Konjiam Resort

COEX Intercontinental Seoul



# Resorts & Golf Courses & Hotels

## Leisure of life, joy and rest

A new turning point has come in the leisure industry with the improvement in living standards and the five-day workweek. GS E&C has secured competitiveness in leisure areas by accumulating extensive experience in the construction of leisure facilities such as resorts, golf courses and hotels throughout Korea and abroad. GS E&C has constructed famous golf courses including the Gonjam Country Club loved by golfers for its dynamic course and unique layout, and the Elysian Gangchon Country Club. After achieving fame with the construction of the COEX Intercontinental Seoul and the Ladera Tower in Guam, GS E&C built the Grand Intercontinental Seoul firmly establishing its reputation in the hotel construction. In addition, the company is securing composite capabilities for resort facilities from construction to management with the Elysian Jeju and the Elysian Gangchon now gaining popularity as 4-season composite family recreation resorts with condominiums, golf courses, ski slopes and many amenities.



### 001L Elysian Jeju

Location: Jeju, Korea  
- Lot area 1,752,074 m<sup>2</sup>  
- Project area 1,586,784 m<sup>2</sup>  
- Main Facilities: Golf course/Club house  
Project period: 2002. 11 ~ 2005. 07





002L



002L



002L



002L

**002L Elysian Gangchon**

Location: Kwangwondo, Korea  
 - Total area 60,615 m<sup>2</sup>  
 - Main Facilities: Golf course/Ski course/Condominium  
 Project period: 1999. 11 ~ 2002. 11



003L

**003L Alpensia Resort**

Location: Kwangwondo, Korea  
 - Total area 151,800 m<sup>2</sup>  
 - Main Facilities: Hotel/Condominium/  
 Waterpark  
 Project period: 2007. 01 ~ 2010. 12

003L

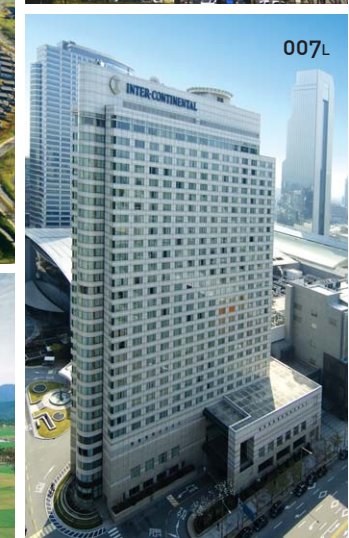


004L

**004L Grand Intercontinental Seoul**

Location: Seoul, Korea  
 - Total area 128,254 m<sup>2</sup>  
 - 33 stories with 597 rooms  
 Project period: 1987. 07 ~ 1989. 04

007L

**007L COEX Intercontinental Seoul**

Location: Seoul, Korea  
 - Total floor area 109,069 m<sup>2</sup>  
 - 29 stories with 654 rooms  
 Project period: 1997. 03 ~ 1999. 09

005L

**005L Vietnam HaiphongSunflower**

Location: Haiphong, Vietnam  
 - Total floor area 39,600 m<sup>2</sup>  
 - 4 stories with 120 rooms  
 Project period: 1997. 01 ~ 1998. 09

006L

**006L Konjiam Resort**

Location: Gyeonggi, Korea  
 - B3-13F  
 - Main Facilities: Condominium/Convenient Facilities  
 Project period: 2006. 04 ~ 2008. 12



# Major References

## Underground Spaces

Seoul Subway Lot No. 5-35(Wangshipri Station)  
U-1-1 Oil Storage  
South Oil Storage at Metropolitan Area  
Jeongreung Water Tunnel  
Incheon Subway Lot No. 1-13 / Seoul Subway Lot No. 6-10  
Seoul Subway Lot No. 904 / Seoul Subway Lot No. 301  
Seoul Subway Lot No. 706 / Seoul Subway Lot No. 917  
Incheon Metropolitan railway 205 sector Construction  
Downtown Line2 C913  
Shinbundang Line Extension PII Project

## Roads, Bridges & Railroads

Incheon-Ansan Highway  
Honam Highway Expansion (Lot No.8)  
Seoul Outer Ring Expressway (Lot No.1-17)  
Daegu-Chuncheon Highway  
Kyeongju Highway Expansion(Suwon-Chungwon)  
West Sea Grand Bridge (Lot No.2)  
Hongseong-Galsan Highway  
Northern Urban Highway  
Balan-Banwol Highway  
Cheonan-Nonsan Highway (Lot No.3,4)  
Jeonju-Gui Highway  
Uijeon-Jukbyeon Highway  
Daegu-Pohang Highway  
Danghae-Jumunjin Highway  
Jukbyeon-Bukmyeon Highway  
Highway Expansion (Busan-Eonyang Lot No. 3)  
Iksan-Jangsu Highway (Lot No. 5)  
Hyeonpung-Kimcheon Highway (Lot No. 1,3,6)  
Dulsan-Yeasan Highway  
Seoul Outer Ring Expressway (Lot No.4,6)  
Busan - Ulsan Highway (Lot No. 6)  
Dangjin-Daejeon Highway (Lot No. 4,5,6,7)  
Incheon Grand Bridge  
Expressway No.45(Yeouju-Yangpyeong Section No.3)  
Goha-Jukyo Highway (Mokpo)  
Hanoi - Haiphong Expressway Package-7  
Yeosu National Industrial Complex Access Road(Cable-stayed Bridge) Section No.1  
Highway No. 25(Namcheon-CheongDo(Gomtjae))  
TBO Highway  
National Road Construction of Gohyeon - Hadong IC 2  
Jungang IC Section 1 road construction  
The Road Construction Works for Sillim - Bongcheon Tunnel (Section No.2)  
Seoul-Munsan Highway  
Gangnam Circulation Expressway Section No.6-1  
Section 3 of Samcheok Tonghae Expressway  
Gohyeon-Hadong IC2 National Road  
Seoul-Busan High Speed Railroad(Lot No. 6-5)  
Gwangyang Iron and Steel Mill Construction  
Jungang Railroad(Cheongyangri- Deoks)  
Okcheon-Jitan Railroad  
Seoul-Yuju (Lot No.4)  
Seoul-Chuncheon Railroad (Lot No. 7)  
Jingu- Gwangyang Double Track Line (Lot No. 5)  
Uijeongbu Light Railway Transit  
Universal Unique Urban Maglev  
Taebak jaechon-Ssangyong Double Track Line  
Seoul-Busan High Speed Railroad(Lot No. 6-4A)  
Honam high speed rail section 5-3  
Dong Hae(pohang-samcheok) railway section No.2  
DAEGU Metropolitan Rail Road Line3 section2  
Singapore Depot C911  
Choji Grand Bridge-Inchon Sector 2-2 Road Construction  
Suseo-Pyeongtaek High Speed Railroad(Lot No. 9)  
Honamsun Hamyeol-Hwangdung Dongyung Railroad Crossing Construction

## Harbors & Dams

Port Bridge at Gwangyang  
LG Chemical 100,000 DWT Private Jetty Construction  
Incheon LPG Vessel Jetty  
Yeocheon GS-Caltex Vessel Jetty  
Gwangyang Harbor  
Pyeongtaek Dangjin Harbor Automobile Pier  
Dredging of Soil Wastes at Incheon North Port  
Port of Sokcho Construction  
Pyeongtaek Dangjin Harbor Dredging  
Ul-San New Port Construction (No 6 Terminal)  
Buhang Multipurpose Dam  
Ruweis Refinery Expansion Project-PKG7  
Shinma Port Construction

## Estate & Development

Gunjang National Industrial Complex  
Cheonggye Restoration(Lot No. 2)  
Paju LCD Industrial complex  
Incheon Free Economic Zone Yeong-jong Sky City Section  
Sukmoon National Industrial Complex  
Kyungin Waterway Sector3  
Gwangyang Port Western Hinterland Phase 1  
Incheon free economic zone in cheongna district 2nd section  
Gulpo Drainage Canal  
Ecological River Improvement in the Kum River in Section 6 (Cheong Nam)  
Construction of the Nakdong River restoration Project - Section 18  
Yeocheon industrial estate  
Youngsan River Dam Structure Repair Project 1 Section  
Busan Jinhae Free Economy Zone Development Project 1 Section

## Intelligent Building

LG Twin Tower / GS Tower  
Korea Industrial Complex Corporation Venture Center  
Hung Kuk Life Insurance Sinmunno Office  
KPC Tower  
The Embassy of Iran and Residences in Korea  
LG Beijing Tower  
Jeollanamdo New Government Office  
LG Gangnam Tower / LG CNS IT Center  
Sacheon City Hall / Gwangyang Port Business Facility  
Seoul Central Post Office  
National Agricultural Cooperative Federation Head Office  
LS Tower  
LG Telecom Sangam DMC Office  
Kyungbang K-Project / IFC Seoul  
Ferrum Tower

## Educational, Research & Medical health care

Saudi Imam University / LG Inhwawon  
Sangnam hall, Yonsei university  
Hall of Korea, Korea university  
KT Training Center  
Institute of Technology, Hanyang University  
LG Chemicals Institute of Technology  
General Hospital, Dongguk University  
Ulji University Dunsan Hospital  
Uijeongbu St.Mary's Hospital  
LG Gasan R&D Complex  
Nongshim R&D Center  
LG Pyeongtaek Digital Park / Seoul Techno Park  
LG Electronics, Secho R&D Campus / LG Ingenium

## Cultural, Leisure & Sports Facilities

Gyeongnam Cultural Art Hall  
Saudi Imam University Sports Complex  
Wonju Chiak Cultural Art Hall  
Pohang Cultural Art Hall  
LG Art Center  
Coex Convention Center & Asem Tower  
Korea Electric Power Corporation Cultural hall  
New Juan church  
Bundang Somang church  
National Museum of Korea  
Gimhae Culture and Art Center  
Duckyang Culture and Sports Center  
3.15 Art Center

## Clean room & Industrial Facilities

Busan Hopo Vehicle Terminal  
Samwha Paper Factory  
Shinseosan 765kV Substation Project  
Ansung Omron Factory  
LG Siltron Gumi factory  
LG Display Phase 2, Nanjing  
Dongbu Electric Rail Car Office  
Bank note Plant  
Heesung Elec. Daegu Factory 2  
Yuhan Pharmaceutical Corp. Ochang Factory  
LS Cable Jeonju Factory  
LG Display Value Cluster in Poland  
Gwangdong G- project  
LG Display 245kV GIS Substation  
Sam-a pharma co. Wonju GMP factory  
Choonghae pharma co. Dangjin Factory  
LG Chem. Ochang Techno Park  
LG Display Paju LCD Cluster

## Logistics & Remodeling

GS Mart, Goyang  
Lotte Department Store, Guri (Ex-GS Square, Guri)  
Samcheonggak remodeling  
West-South Zone Agriculture and Fishery Market  
Remodeling  
Yongsan Electronic Land Remodeling  
Anyang Station  
The Export-Import Bank of Korea Remodeling  
Jungbu Market reconstruction  
Daebul Free Trade District  
Namchon Leadership Center  
Southeastern Seoul Distribution Center

## Resort, Golf course, Hotel

Grand Intercontinental Hotel  
Goniam Country Club / Guam Ladera Tower  
COEX Intercontinental Hotel / Daegu Park Hotel  
Gangchon Resort / Elysian Country Club  
Seungsan Sandpine Club House  
Goniam Resort / Alpensia  
National Safety Experience Theme Park

## Apartment

BanPo Xi / HanKang Xi / GaePo Xi  
SeoCho Xi / BangBae Xi / HwangSil Xi  
DouGok Rextle / CheongAm Xi / MunRae Xi  
MaPo Xi / Heights Xi / SongDo Xi Harbor View  
IlSan Xi / MookDong Xi / YoungJong Xi  
CheongJa Xi / Bamsum Xi / GwangJang Xi  
HaNam Xi / SuJi Xi / YongIn Xi  
YangJu Xi I-III / SinBong Xi II / JukJoon Xi II

MetroCity I-V / DongSuwon Xi I,II / SinSanbon Xi I,II  
YongIn SuJi LG Village I-VI / IlSan DaeWha LG Village  
Xi Riverview Palace  
Haewoondae Xi

## Studio apartment / Residential complex

SeonReung Eclat / YokSam Eclat / Bundang Eclat I,II  
Yeouido Eclat / SeoCho Eclat / Incheon Airport Eclat  
HanKang Eclat / YongSan Park Xi / Yeouido Xi  
Boutique Monaco / The City Seven Xi / Chungmuro Xi

## Oil & Gas

Azerpetrochim CDU/VDU Project (Azerbaijan)  
GS- Caltex RFCC Project (Korea)  
S-Oil BCC Phase-I Project (Korea)  
S-Oil BCC Phase-II Project (Korea)  
TPI LBQP Project (Thailand)  
Shantou LPG Terminal Project (China)  
TPI 150,000BPSD Refinery Project (Thailand)

CPC RFCC Project (Taiwan)  
KNPC GOD Project (Gas Oil Desulfurization) (Kuwait)  
NODCO Refinery Expansion Project (Qatar)  
Noor Abad Compressor Station (Iran)  
Catalytic Dewaxing Project (India)  
KNPC OCR Revamp of ARDS Unit Project (Kuwait)  
Tupras Izmir DHP Project (Turkey)  
Izmit DHRP Project (Turkey)  
GS- Caltex No.2 HOU (Korea)  
Krikalle DHP-CCR Project (Turkey)  
POGC South Pars Gas Field Development Phase 9&10 (Iran)  
No.4 CDU Debottlenecking (Korea)  
POGC Condensate Refinery Project (Qatar)  
Salalah Methanol Project (Oman)  
Manifa Project (Saudi)  
PTT LNG Project (Thailand)  
Green Diesel Project (UAE)  
GS-Caltex No.3 HOU (Korea)  
Ruwats 4th NGL Train Project (UAE)  
Sahil Nihayda Depletion Completion Phase-1 Project (Oman)  
Ruwats Refinery Expansion Pkg. 2 Project (UAE)  
No.3 LPG Project (Korea)  
Used Lube Oil Refining Project (Indonesia)  
Methanol Tank Terminal (Yok) (Korea)  
LNG Terminal Projects (Korea)  
ERC Refinery Project (Egypt)  
Black Gold Oil Sands Project (Canada)  
IRP-II Pipeline Project (UAE)

## Petrochemical

3rd Train PP Expansion Project (Indonesia)  
TPI EBSM Plant Project (Thailand)  
Tianjin PVC Project (China)  
TPC VCM Expansion Project (Thailand)  
LG-Dow Polycarbonate Project (Korea)  
LG Chem., VCM-II Expansion Project (Korea)  
Sammam, K-4 Project (Korea)  
Acetic Acid (Iran)  
LG MMA (YM-2) Project (Korea)  
GS-Caltex No.3 PX Project (Korea)  
GS-Caltex P-Xylene Expansion Project (Korea)  
ICIL LAB Revamping Project (Iran)  
4th Aromatics (Iran)  
LG Chem., Pheno/BPA (Korea)  
QP LAB Project (Qatar)  
Lidong Aromatics Project (China)  
Oman Polypropylene Project (Oman)  
ATC No.2 Aromatics Project (Thailand)  
E-LAB Project (Egypt)  
Sohar Aromatics Project (Oman)  
HMC PP Project (Thailand)  
LPC-NC Project (Korea)  
LG Chem., CA/EDC Project (Korea)  
LG Chem., Oxo-Alcohol Project (Korea)  
LG Chem., 40,000 MTPY Acrylic Fiber Project (Korea)  
No.2 PA Project (Indonesia)  
No.3 PA Project (Indonesia)  
Epsilon PP Project (USA)  
Panjin PVC Project (China)  
Beijing No.2 PVC Project (China)  
No.4 DNT Project (Korea)  
SNDIC-1 Project (Oman)  
IRPC Propylene Project (Thailand)

## Power & Energy

Incheon LNG Terminal Project(Korea)  
Korea Electric Power, IlSan Combined Cycle  
Power Plant (Korea)

GS EPS Bugok Combined Cycle Power  
Plant(Units 1 & 2) (Korea)  
Korea Electric Power, Taean Coal-Fired  
Power Plant Phase 5 & 6 (Korea)  
Korea Electric Power, Incheon Combined  
Cycle Power Plant(Phase #1) (Korea)  
Dangjin Coal-Fired Power Plant(Units 7 & 8)  
Korea Electric Power, Incheon Combined  
Cycle Power Plant(Phase #2) (Korea)  
Yerevan Combined Cycle Power Plant  
(Yerevan, Armenia)  
Shin-Wolsung Nuclear Power Plant(Units 1 & 2)  
Barkak & Sohar2 IPP Project(Oman)  
Yeongheung Coal Fired Power Plant(Units 5 & 6)  
Shin-Uljin Nuclear Power Plant(Units 1 & 2)

## Waste treatment & Recycling

The 1st landfill site of the Metropolitan Area  
LG Philips LCD P2-,P5  
Mapo Municipal Solid Waste Treatment Plant  
Daejeon Incineration Plant No.2  
Jaecheon Municipal Solid Waste Treatment Plant  
Cheongju Municipal Solid Waste Treatment Plant  
Eunpyung MSW Management System  
Dalseong Industrial & Municipal Solid Waste  
Treatment Plant  
Chungju Municipal Solid Waste Treatment Plant  
Daegu Sewage Sludge Treatment Plant  
Hwasong Municipal Solid Waste Treatment Plant  
Gumi Municipal Solid Waste Treatment Plant  
Haengbok-City MSW Automation Collecting System  
Gejeje Municipal Solid Waste Treatment Plant

## Water & Sewage, Wastewater Treatment

Xongjiang central Sewage Treatment Plant (china)  
Kimbhae Sewage Treatment Plant  
LG Philips LCD P7  
Jeonju Advanced Sewage Treatment Plant  
Osong Wastewater Treatment Plant  
Yeosu Wastewater Treatment Plant  
Jeu Advanced Sewage Treatment Plant  
Osan Sewage Treatment Plant No.2  
IlSan Advanced Sewage Treatment Plant  
Gunsan Advanced Sewage Treatment Plant  
Daechungdam Upper Stream Sewage Treatment  
Namgangdam Upper Stream Sewage Treatment  
Suyoung Sewage Treatment Plant  
BAPCO Wastewater Treatment Plant(Bahrain)

## Development

GS Metrocity Nha Be  
GS Metrocity Long Binh(O9)  
Xi Riverview Palace  
Midan City  
Seogyo Xi West Valley  
Xi Riverside Palace  
Xi Thu Thiem Multipurpose Complex  
Pangyo Central Multipurpose Complex  
Eunpyeong Multipurpose Complex  
Yeongdeungpo Multipurpose Complex  
Gwangmyeong Multipurpose Complex  
Yongsan Int'l Business Complex





# Global Network

## SUBSIDIARIES

**India**  
GS E&C India Pvt. Ltd  
2nd Floor, Masterpiece Bldg, DLF Golf Course Road,  
Sector-54, Gurgaon-122002, Haryana, India  
Tel: 91-124-4537000 Fax: 91-124-4537001

**Saudi Arabia**  
GS Construction Arabia Co., Ltd  
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