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GS E&C

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Preparing for a Sustainable Future
With Eco-Friendly Digital Technology!

Only a changing company can prepare for tomorrow. It can also meet the future.
GS E&C goes beyond the realm of construction and leads a sustainable future as tomorrow's
'total service provider' through eco-friendly digital technological innovation.

BEYOND NEW NORMAL, BETTER NORMAL

Today, the world is going beyond the New Normal, seeking a Better Normal that 'pursues the right, not the good', which is a new standard that has emerged in step with ongoing change.

GS E&C focuses on this Better Normal. The company is evolving for a better tomorrow by reducing carbon emissions through efficient use of resources, improving the consumer experience, and thinking about the future of the earth and humankind through innovation toward an eco-friendly business model.



CEO's Message

Aiming to be
a reliable
partner on creativity
and passion

GS E&C has made growth as the nation's leading construction company in all project areas, such as plant, power generation, environment, civil engineering, architecture, housing, etc. since its foundation in 1969.

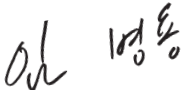
This company is in pursuit of sustainable growth as a top priority, and is doing its utmost effort to leap towards a full-scale Global Top Tier.

For this purpose, GS E&C is making full preparation to secure Global core capabilities along with strategic nurturing of new growth projects, not to mention excellent performance in existing major business.

Once again, I'd like to extend my heartfelt thanks to you for showing deep affection and concern for our GS E&C; hereupon, I sincerely promise that our company will be reborn as a sustainable, reliable Global GS E&C.

Thank you.

Byeong-yong Lim, President & CEO
GS Engineering & Construction





As a construction leader in the 4th Industrial Revolution,
GS E&C soars ever higher towards the global top tier,
creating sustainable value through its passion and innovation.



Endless Challenge

With endless initiatives and passion,
GS E&C goes beyond Korea's best toward the world's best.

Our adventure into the world is not over yet.
Having taken its first step in 1969 and built on its top-tier human resources and top-notch technology, the company has continued innovative growth and success that surprises the world.

GS E&C now soars again with limitless passion toward the next level.

History

1970s~1980s



1969 Lackhee Development Co. (LDC) incorporated.
1975 Company name changed to Lucky development Co.
1977 Lucky International Construction Co. created.
1979 Merged with Lucky Overseas Construction Corp.
Designated as Housing Contractor by the Ministry of Construction.

1981 Initial Public Offering.
1983 Joint venture company Lucky Development (Arabia) Ltd. establishe
1984 Honored with 1-Bil.-Dollar Export Tower in overseas construction.
Lucky Development International Inc. (U.S.) established.
1986 Completion of the Lucky Dongrae Apartments.
1987 Completion of the Lucky Goldstar Twin Tower.
1988 Start of construction of the Lucky Goldstar North America Headquarters.
Completion of the Imam University Sports Center.
Company moves to Yeokjeon Building.
1989 Lucky Development Saipan Inc. established.

1990s



1990 Participates in the Soviet Union Development Project and the Construction Technology Research established.
1991 Gains construction license in Japan.
1992 Gains patent for mobile partition device for construction of variable walls.
1993 Accredited in construction of nuclear power plant by ASME (American Society of Mechanical Engineers).
Lucky Thai Engineering & Construction Co., Ltd. established in Bangkok.
1994 Accredited ISO 98001 for international quality management.
Gains KT (Korean new technology) Mark for "Korean Small/Mid Sized City Waste Incineration System."
Signs MOU with China Construction Corp.
1995 Company name changed to LG Construction.
1996 Accredited ISO 14001 for environmental management system.
1997 "LG Chemical Daeduck institution building" is awarded a grand prize of "Korea Construction Culture."
1998 LG Chem Research Park in Daejeon awarded the Grand Prize in Korean Architecture Award.
LG-HP SUNFLOWER INTERNATIONAL VILLAGE awarded the Vietnam Haiphong People Committee Award.
1999 LG Construction and LG Engineering merge.

1st decade of the new millennium



2000 "BIO-NET" sewage treatment method designated new technology by the Ministry of Construction and Transportation.
Seohae Grand Bridge awarded the Presidential Citation.
2001 Selected as the Best Corporation in Management Structure by the Korean Stock Exchange.
2002 KEPCO Art Center awarded Seoul Architectural Work Awards.
The new apartment brand 'Xi' launched.
2003 Chosen as "Best Corporate Management Structure" by t he Korea Stock Exchange.
'Xi' chosen as the No. 1 brand in the Consumer Well-Being Awards.
2004 Total market value reaches 1 trillion won.
Enters the nuclear power plant business by being awarded construction of the "Shinwolsung Nuclear Power Plant No. 1 and 2."
2005 Corporate name changed to "GS Engineering & Construction Corp."
Awarded the "Silver Tower Award" for the restoration of the Cheonggyecheon.
2006 Opened Safety Innovation School.
2007 Approved investment permits in building a new town in Nabe, Vietnam.
2008 Xi comes 1st in apartment category for 3 straight years in First Brand Grand Prize.
2009 Banpo Xi receives the Presidential Award in the Livable Apartment Award.
Boutique Monaco awarded the Grand Prize for the Private Sector during the Korean Architecture Awards.
Time Square awarded Total Architecture Grand Prize in the Korea Civil Works & Architecture Grand Prize.

2010s



2010 Won the order for a 3.6-billion-USD-worth oil refinery in Ruwais, UAE.
Admitted into Dow Jones Sustainability Index.
2011 Rated as the Most Reliable Corporation 3 years in a row.
2012 GS E&C takes over Spain-based Inima.
2013 Honored with the 1st Government Citation for Korea's Endearred Firm.
2014 The company building moved to Gran Seoul, Cheongjin-dong, Jongno-gu, Seoul.
Won the order for Clean Fuels Project, Kuwait at USD 4.8 billion.
Won the order for Karbala Project, Iraq at USD 6 billion.
2015 Awarded a total champion of Singapore-based ASAC (Annual Safety Award Convention).
2016 Won the order for T301 Project, Singapore at SGD 1.988 billion.
Signs an MOU for Phase 11 & 14 of Natural Gas Field Development Project in South Pars, Iran.
Safety Innovation School opens in Singapore.
Wins the order for Morupule B Phase II coal-fired thermoelectric power plant in Botswana.
2017 Received the order for Bangladesh Patuakhali - Gopalganji 400kV Transmission Line
Won the order for restoring the oil refinery in Ruwais, UAE.
Received the order for Chile ATACAMA Seawater Treatment Plant (GS INIMA)
2018 Making inroads into Indonesia's housing market - City Gate 88
Order received for Tanzania New Selander Bridge Project
The opening of the world's first Inclined Tower - Noryang Grand Bridge(Namhae-Hadong)
Order received for Numancia Waste Water Treatment Plant (Spain)
Presidential visit to T301 site in Singapore (Korean President Moon Jae-in)
2019 Achieved 'KRW 1 trillion in operating profits' for the first time.
Developed Sys Clein, South Korea's built-in air purifying and ventilating system.
Won the order for solar power plants in Zakarpattia, Ukraine.
Participated in a USD 1.4 billion petrochemical plant project in Ceyhan, Turkey.

2020s



2020 Acquired Danwood S.A., a Polish modular housing company and Elements Europe Ltd., a British modular housing company.
Won the ITTC order worth 550 billion won from LT in Singapore.
Won the order from Singapore's Water Resources Corporation for the construction and operation of a pilot plant for seawater desalination technology.
Opened the Seoul-Munsan Expressway.
Won the order worth 2.33 trillion won for the Oman seawater desalination project.
Opened the Saemangeum East-West Road.
2021 Appointment of first female outside director and establishment of ESG Committee
Declaration of introduction of Fair Trade Compliance Program (CP)
Won the order for industrial waterworks (seawater desalination) project in Daesan Costal Industrial Zone
Underground Seobu Urban Expressway opened
Groundbreaking ceremony for rechargeable battery recycling plant of Enerma
Won the order for North East Link private investment project in Australia
GPC Eumseong Factory completion ceremony
2022 First South Korean construction company to export 'Green Hydrogen Plant Module' to the US
Tanzania's New Selander Bridge opens
GS Inima acquires Phu My Vinh Investment & Construction JSC (PMV), a Vietnamese water treatment company

Global Leader

A world-class construction company representing Korea, GS E&C is creating a global benchmark!

GS E&C, Korea's leading global construction company, continues to set new records along its journey. Following its adoption of the Dow Jones Sustainability Index Asia Pacific, an indicator of a "good company," for 3 consecutive years, the company has achieved a new feat of acquiring an "A (excellent)" grade in the evaluation by the Korea Corporate Governance Service (KCGS).

GS E&C is testifying to the power of Korea, a construction powerhouse, on the world stage.



1) Dow Jones Sustainability Index (DJSI): Co-hosted by the US-based Dow Jones Index and SAM, a Swiss sustainable management rater, it is a trusted index that culls global standard firms by assessing the financial performance and profitability (such as corporate governance and risk management), environmental quality (such as eco-friendly management), and sociality (such as HRD, corporate citizenship).

Value Creator

Wondrous achievement with core resources and skills The status of GS E&C is proven with overwhelming figures!

Achievement through unparalleled performance draws worldwide attention. Continued solid growth in areas of plant, civil engineering, construction and housing, GS E&C presents a new paradigm in construction with its know-how that masses advanced technology.

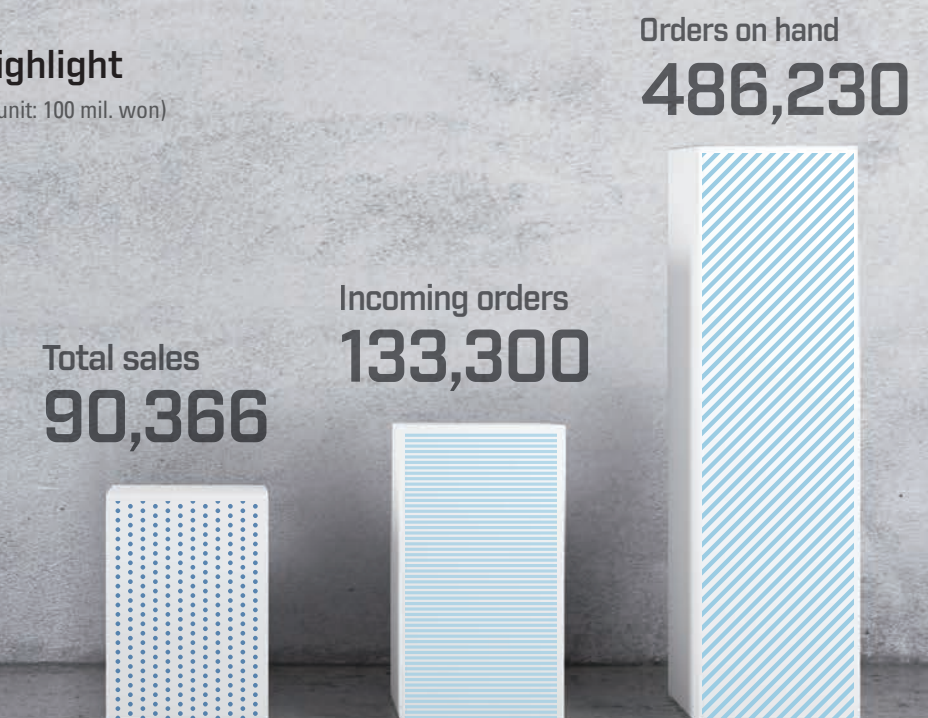
GS E&C is creating the highest values around the planet.

Global Network



Financial Highlight

As of Dec. 31, 2021 (unit: 100 mil. won)



ESG Leader

Grade "A" (Excellent) Acquired in ESG Evaluation of Listed Companies GS E&C Soars as a Global Leader of the Era of ESG!

From eco-friendly activities and reducing environmental pollution (Environment) to social contribution activities (Social) and creating a happy society and transparent management (Governance) for sustainable development. GS E&C draws spotlight as a leader who will lead the new era by acquiring grade A in ESG. In addition, GS E&C has been a member of UNGC (UN Global Compact) since 2010, and has been internalizing the ten principles in the areas of human rights, labor, environment, and anti-corruption in corporate operations and management strategies.



**GS E&C brings greater transparency and fairness
into the world through ESG management**

Environment

Circular Economy



Renewable Energy



Sustainable Food Supply



Construction Innovation



Starting the Lithium-Ion 'Battery Recycling Business'

GS E&C has entered the rechargeable battery recycling business as the supply of electric vehicles expands. By establishing battery recycling facilities in the 'Pohang Next-Generation Battery Recycling Regulation Free Zone', it expects to recover yearly about 10,000 tons of nickel, cobalt, lithium, manganese, and other core materials from previously used secondary batteries to prevent waste of resources and environmental pollution.

Joint Research for Commercializing 'Renewable Energy Technology for Seawater Desalination'

GS E&C has begun a joint research with Public Utilities Board of Singapore to commercialize 'renewable energy technology for seawater desalination'. This technology draws attention as an innovative technology that can reduce environmental pollution and electricity costs by producing energy from high-salt discharged water generated from seawater desalination facilities and low-salt discharged water generated from sewage recycling facilities.

Going ahead with Smart Aquaculture with Clean Seafood Production Technology

GS E&C is participating in Busan City's 'Smart Aquaculture Cluster Creation Project', a future-oriented type of clean marine farming. Smart Aquaculture is an advanced technology that produces clean seafood that is safe from contamination from microplastics, heavy metals, and viruses through the cutting-edge seawater desalination technology. As marine pollution is emerging as a global problem, the interest in and the utilization of smart aquaculture is expected to increase further.

Company enters the eco-friendly prefab market

GS E&C is bringing worldwide publicity to sustainable values based on future industries by entering the eco-friendly modular (prefab) business. In 2020, the company acquired two European modular companies, Danwood and Elements Europe Ltd., to quickly obtain modular (prefab) building capabilities. In addition, the company built an automated precast concrete (PC) production plant in Eumseong, North Chungcheong Province, and started production and delivery. The modular (prefabricated) construction method, which can reduce construction waste and emissions by up to half compared to the conventional construction method, is a construction method that fulfills the sustainable value.



Social



Education Empowerment



Quality education for everyone



Creating sustainable cities and residential areas

Workplace Safety



Securing a healthy and happy life



Activating industrial growth and innovation and building infrastructure

Supply Chain Management



More good jobs and economic growth

Social Value Creation



Securing a healthy and happy life

'Dreams & Hope Study Room' for the Rising Generation

The "Dreams & Hope Study Room", a major social contribution project of GS E&C, which has been continuing through voluntary fundraising and participation from employees since May 2011, has completed the 290th room, placing 300 units close at hand. In addition, a support project for "Dreams & Hope Playground", which creates play areas in welfare facilities, and a support project for "Dreams & Hope Afterschool Class" for after-school activities are also underway.

Introducing 'Smart Safety Management System' Covering All Construction Site Risk Factors

GS E&C has adopted 'IoT (Internet Bluetooth of Things)', a smart safety management system that manages risk factors at construction sites as the first instance in South Korea. Various sensors enable rapid detection and warning of various dangerous situations such as fire and smoke, thus creating a work environment where workers can work more safely.

Xi CEO Forum

GS E&C has held the "Xi CEO Forum" every year since 2004 to increase communication with suppliers. We invite 100 CEOs of our suppliers to share our achievements and select excellent partners. Thus, we select those partners that need our strategic support. GS E&C collects grievances and suggestions from our suppliers through the "Subcon Board" as well as through the CEO Forum.

Implementation of 'Sharing and Companionship', a support project for young artists and athletes

GS E&C is implementing 'Sharing and Companionship' as a support project for young artists and sportsmen who are going through the most difficult time due to COVID-19. As the second project following the first music performance 'Stay', the company signed an agreement with Seoul Sports Council for 'partnership for revitalization of sports and improvement of sports welfare in Seoul' to pay for sports equipment and supplies and cover training in provincial regions. In addition, the company published a commemorative booklet introducing the works of 84 artists featured in 34 public exhibitions for three years from 2018 at 'Gallery Gaze' located on the first floor of the head office. Going forward, GS E&C will continue to carry out ESG social contribution activities that share social values with the local community.



Governance



ESG Leadership



Peace, justice, inclusion

Sustainability Management



Peace, justice, inclusion

Compliance Program



Peace, justice, inclusion

ESG Committee Created

GS E&C has created the "ESG Committee" to serve as a key control tower for sustainability management. The committee will discover and identify various issues related to the environment, society, and governance to check the company's sustainability management strategy and direction, review and approve related performance and improvement plans. In addition, it is expected to be promoted to a committee within the Board of Directors at the General Shareholders' Meeting in 2022, getting the company's ESG management into high gear and enabling its growth into a major sustainable company in the era of ESG.

'A (excellent)' for 3 consecutive years in listed company ESG rating

GS E&C has been receiving ESG evaluations from KCGS since 2011, and has been awarded an integrated grade of 'A (Excellent)' for three consecutive years in the 2020 Listed Company ESG Ratings. In particular, it rose to A+ in the social category, showing remarkable achievements, which was possible because its actual achievements were recognized in the win-win cooperation category.

Introduction of Fair Trade Compliance Program

GS E&C announced its introduction of the 'Fair Trade Compliance Program' in May 2021 to preemptively and proactively establish a fair trade culture. This is a system operated autonomously by companies, and by introducing it, they improve the commitment to compliance and ethical awareness among employees to prevent violations of the law and promote the spread and internalization of a fair trade culture. GS E&C will strive to remain a sustainable and reliable company by creating a fair trade culture and strengthening corporate competitiveness through the operation of the Fair Trade Compliance Program, a voluntary compliance system.

World-changing Technology

GS E&C has been changing the world through endless challenges and technological innovation.

GS E&C is now emerging as one of the global construction leaders by combining modular technologies and preconstruction services which are drawing attention as new trends in global construction, advanced smart technologies, and eco-friendly technologies.

PreCon Service

Modular Construction

Smart Technology

ESG Technology

GS Engineering & Construction

World-changing Technology

PreCon Service

PreCon Service changes the global construction practice.
Advanced system with transparency builds customer trust.

GS E&C's PreCon Service adopts order-placing mode specific to advanced countries to speed up project implementation and reduces construction costs. Increasing efficiency in construction projects, the advanced system lets project owner, designer, and builder share their know-how by forming a team from project planning to design. It boasts excellent efficiency as it precludes risks from design change with BIM (building information modeling) and ensures single-time monitoring of equipment & materials and manpower required in different stages.



BRIGHTEN YEUIDO



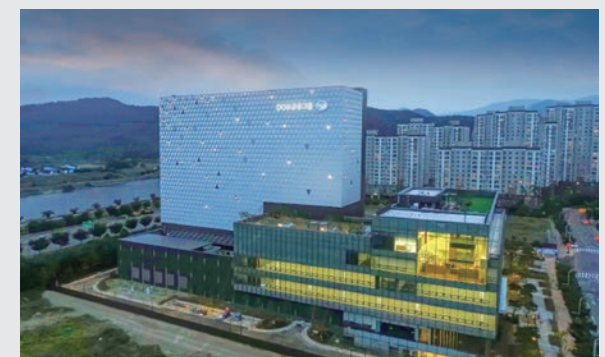
Parnas Tower



Hana Financial Group IDC



Ulsan Gwell City Xi



Daegu Bank (DGB) Data Center

World-changing Technology

Modular Construction

New innovation going beyond the limits of construction with newly conceived eco-friendly, modular structures.

GS E&C is soaring as one of the fastest growing global modular construction market leaders. By adopting the fast-growing modular (prefabricated) construction method and developing it as a future-oriented innovation project, GS E&C is helping to lead global construction trend and address demands to improve productivity and efficiency of the construction market.





Advantages of Modular Construction



Innovative Reduction of Pollution and Noise

During construction, a lot of pollution and noise typically occur at the construction site. Since the modular process is carried out by manufacturing the main structures in advance in the factory, it can dramatically reduce the harm caused to nearby areas due to pollution and noise.



Safe Working Environments and Accident Reduction

Since most of the work is carried out in the factory and field work is minimized, workers are provided safe working environment without high-risk work and the risk of accidents for workers is reduced.



Improvement of Time & Cost Predictability

The well-established manufacturing and assembling process enables accurate prediction of project schedules and related costs. Consequently, it guarantees actual cost and time certainty as planned.



Reduction of Construction Periods and Quality Improvement

As the modular construction method enables construct of a building by assembling structures in a shorter period of time and mobilizing a smaller workforce compared to other methods, it remarkably reduces manufacture and construction periods. Besides, the method ensures construction quality remains consistent as it protects against effects of external environmental factors.



Reduction of Construction Waste and Material Waste

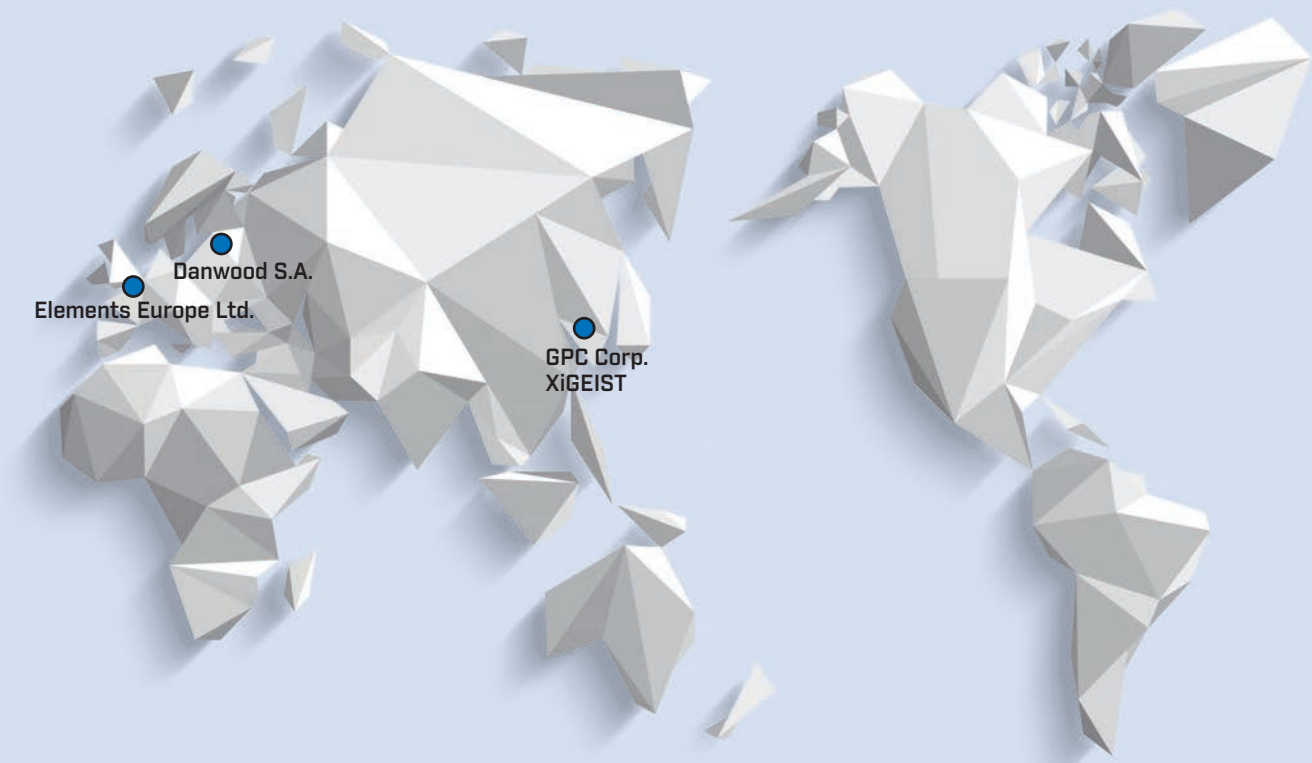
Unlike conventional methods that leave behind large quantities of material waste due to the inability to reflect customized site conditions, the modular construction method is an eco-friendly construction method that dramatically reduces material waste and construction waste by accurately reflecting the size of each site in advance through factory manufacturing.

World-changing Technology

Global Modular Provider

With a growing presence in the modular construction markets of Europe and Asia, GS E&C is emerging as a global leader in the next generation of modular construction.

As modular construction companies in the global market including Europe such as Germany and the UK, and Asia, GS E&C is emerging as one of new global companies by using strengths, technologies and networks of its four subsidiary modular home providers that are inter-complementary in terms of their expertise and sales territories.



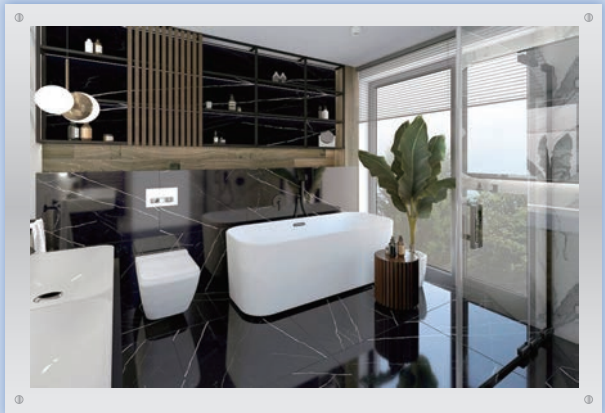
Global Network SUBSIDIARIES [Modular]

Danwood S.A.(Poland)	Elements Europe Ltd.(United Kingdom)	GPC Corp.(Republic of Korea)	XiGEIST(Republic of Korea)
Konstantego Ciołkowskiego 2, 15-245 Białystok https://www.danwood.pl/	Queensway Apley Telford TF1 6DA https://elements-europe.com/	Chungcheongbuk-do, Korea	Seoul, Korea

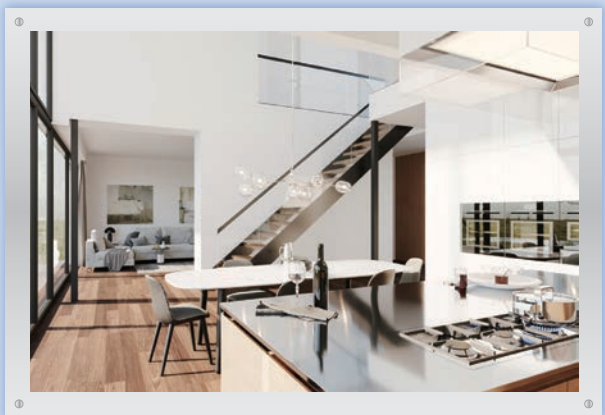
Projects



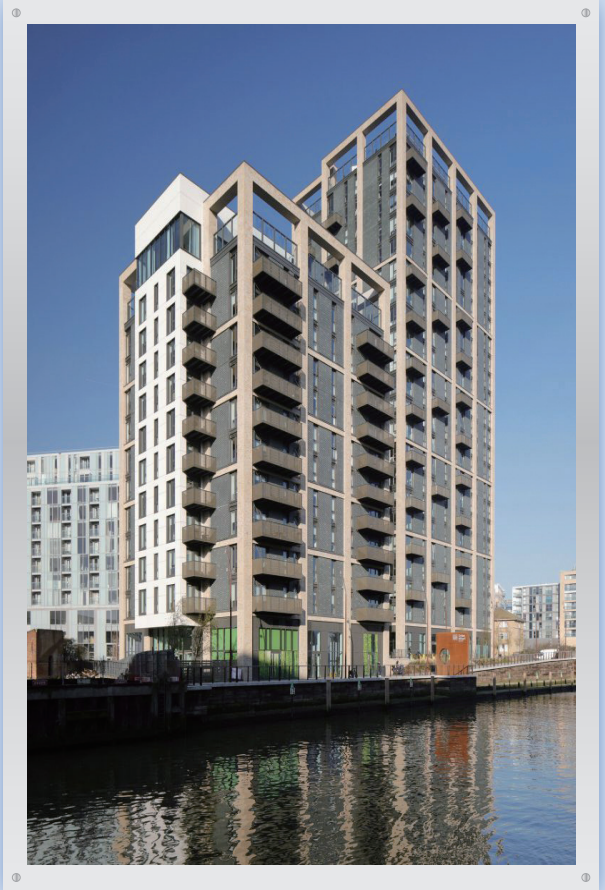
Design samples provided by Danwood S. A.



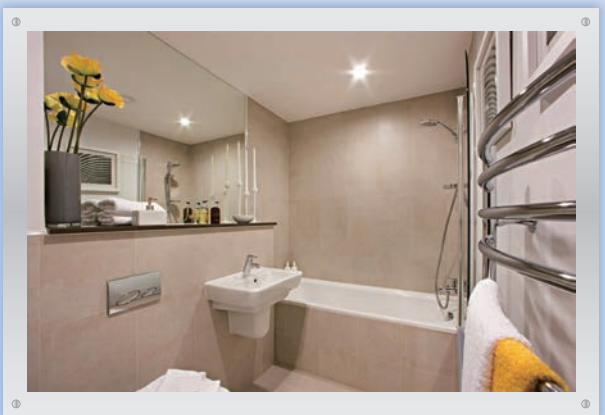
Design samples provided by Danwood S. A.



Design samples provided by Danwood S. A.



Greenwich (23F, London) built by Elements Europe Ltd.



Bath Pod (a modular toilet) provided by Elements Europe Ltd.

World-changing Technology

Smart Technology

By actively introducing the latest Smart Construction technology, GS E&C improves safety and quality and contributes to improved productivity.

In the era of new technological revolution, GS E&C is promoting the development and active introduction of applied Smart Construction technologies in the entire construction value chain through verification of effectiveness.



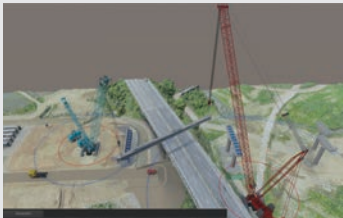


Real-time locating system (RTLS) based on-site safety monitoring system

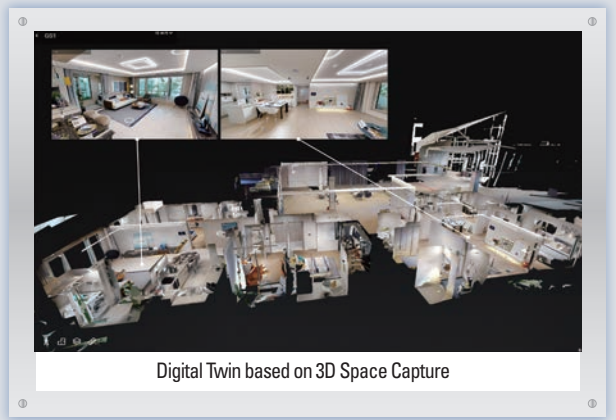
Safety



VISION AI-based on-site safety monitoring

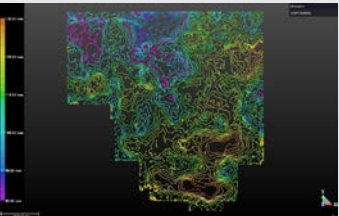


Elimination of construction risk through construction simulation



Digital Twin based on 3D Space Capture

Quality



Laser scan-based slab flatness management



GNSS-AR technology-based pre-construction review

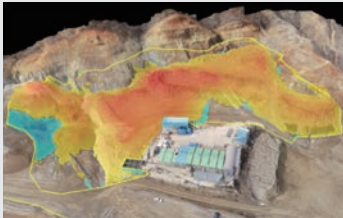


On-site management streamlined utilizing SPOT, a four-legged walking robot

Productivity



Effectiveness of earthworks improved by means of MC (Machine Control)



Smart surveying carried out based on drone mapping

World-changing Technology

ESG Technology

GS E&C is concentrating on the development of eco-friendly technology to lead the ESG era and fulfill its social responsibility for a sustainable future.

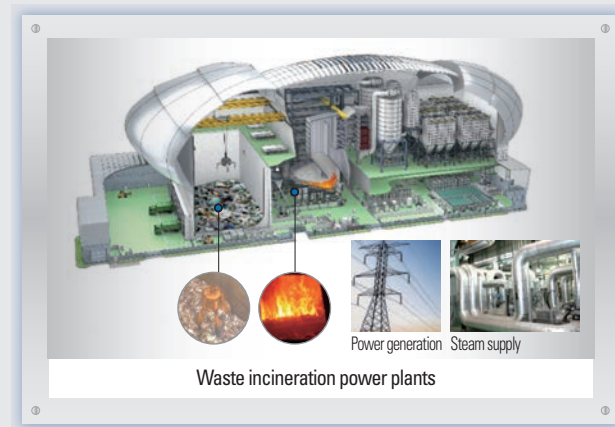
GS E&C is committed to the development of eco-friendly technologies in areas such as renewable energy, smart city, urban energy saving, and waste treatment with the vision of making our society warmer and cleaner.



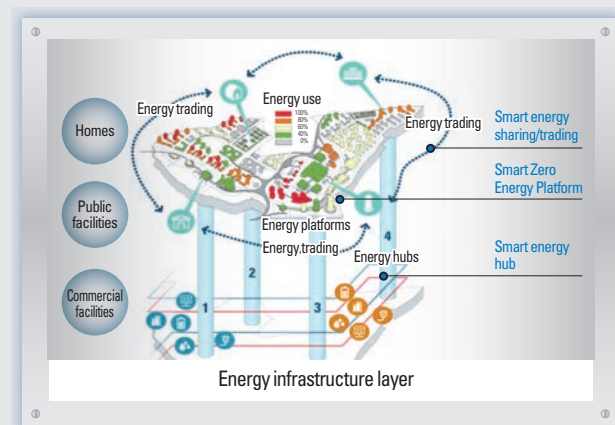
※ ESG : Environmental, Social and Governance



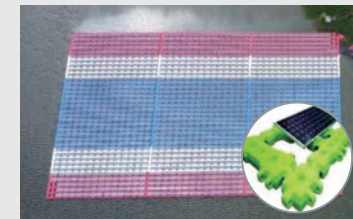
Solar power to support the agricultural industry



Waste incineration power plants



Renewable Energy

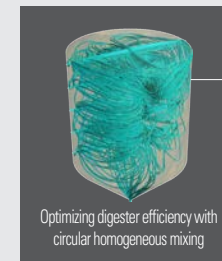


All-in-one floating solar model



Onshore Wind Power
(Jeju Gimnyeong Wind Power Complex)

Waste-to-Energy



Organic waste biogasification facility (GBS method)



Smart City & Energy Saving

Concept & Design of Smart Energy City

We analyze the energy load patterns for different building uses in the smart city, establish a load leveling plan based on it, and design the optimal configuration of energy supply facilities and infrastructure including renewable energy.

Smart Energy City Platform

Through the management of the production/storage/consumption of electricity and thermal energy in smart cities, we develop a platform that optimizes efficient operation and use of energy from distributed resources and support transactions.

Infra

GS E&C, the beginning and the fundamental of Infrastructure

As a global leading contractor, GS E&C has been accomplishing creative missions around the world with our wide experience and superior capability. As dots become a line, and lines become a plane, we will continue to strive for creation of more valuable places for the world.



Mokpo Grand Bridge

- Location: Mokpo, Korea
- Total Length 4.1km • Cable-Stayed Bridge 900m • 4 Lanes
- Project period: 2004. 11 ~ 2012. 12

Bridges, Airports, Ports

DOT - A starting point,
the key element to expand the prospect
of human life

Bridges, airports, ports are the starting points of connecting each different location. They are the core elements that overcome human limitations and expand the prospect of human life. For a long time, GS E&C has been accumulating a plenty of construction experience in the lands of mountain, river, and sea. Based on such diverse experience, we always strive to make human life better in every corner of the world.



001 Baekseok Bridge

Location: Incheon, Korea
- Cable-Stayed Bridge 750m
Project period: 2010. 04 ~ 2012. 06

002 Myodo Bridge

Location: Yeosu, Korea
- Total Length 1.95km
- 4 Lanes
- Cable-Stayed Bridge 1.41km
Project period: 2007. 11 ~ 2012. 10

003 Noryang Grand Bridge

Location: Hadong, Korea
- Total Length 3.1km, 4 Lanes
- Suspension Bridge 990m
Project period: 2009. 10 ~ 2018. 06



004_I

004_I Vam Cong Bridge Construction Project

Location: VamCong, Vietnam
 - Total Length 2.97km
 - Cable-Stayed Bridge 870m
 - 4 Lanes
 Project period: 2013. 11 ~ 2019. 05



006_I

006_I Vinh Thinh Bridge, Quy Cao Bridge

Location: Hanoi, Vietnam / Haiphong, Vietnam
 - Total Length 5.5km
 - Total Length 0.5km
 Project period: Vinh Thinh Bridge(2012 ~ 2014),
 Quy Cao Bridge(2000 ~ 2002)



005_I

005_I Gyeongin Ara Waterway Section No. 3 Bridge

Location: Incheon, Korea
 - Bridge Length 1.1km (PSC Box Girder)
 Project period: 2009. 06 ~ 2011. 12



007_I

007_I Doha Link

Location : Kuwait City, Kuwait
 - Total Length : 12.43Km
 - On shore 4.71Km, Off Shore 7.72Km
 - Management facility 3EA,
 Traffic Control System
 Project Period: 2014. 12 ~ 2018. 12

008_I **Saemangeum
East-to-west Road**

Location: Gimje, Korea
- Total length: 6.5km
- 2 Bridges (0.5km)
- Earthwork: 6.0km
Project period: 2015. 6 ~ 2020. 12



009_I **New Selander Bridge**

Location: Dar es Salaam, Tanzania
- Total length : 6.23km, 4 Lanes
- Main bridge (Extradosed bridge) 670m
- Approach bridge 360m
- Access road 5.2km
Project period: 2018. 12 ~ 2021. 12



010_I

010_I **Ruwais Refinery Expansion
Package No. 7 Marine Facilities**

Location: Ruwais, UAE
- Jetty(4.4km)
- 3 Berths(800m), Loading Arms, Pipelines
Project period: 2009. 12 ~ 2014. 01



011_I **Yeosu Crude Oil 3rd Port**

Location: Yeosu, Korea
- Dolphin-type Jetty, 120,000 DWT
Project period: 2009. 02 ~ 2011. 08

012_I **Boryeong LNG Port Terminal**

Location: Boryeong, Korea
- Mooring facility: Jetty Zea (900m)
- Hinterland: Landfill (90,794m²)
Roads and paving
- Electrical and instrument systems
Project period: 2018. 05 ~ 2021. 12

013_I **Hwashun Port Development Project 2 Phase**

Location: Jeju, Korea
- Main Facility : Sea defence work : 466.4M, Sea Wall : 90M
- Mooring facility : Pier work : 500M, lighters Wharf : 162M
- Dredging : 69,295M³, Reclamation : 126,723
- Access Road, light house
Project Period: 2013. 10 ~ 2018. 11



011_I

012_I

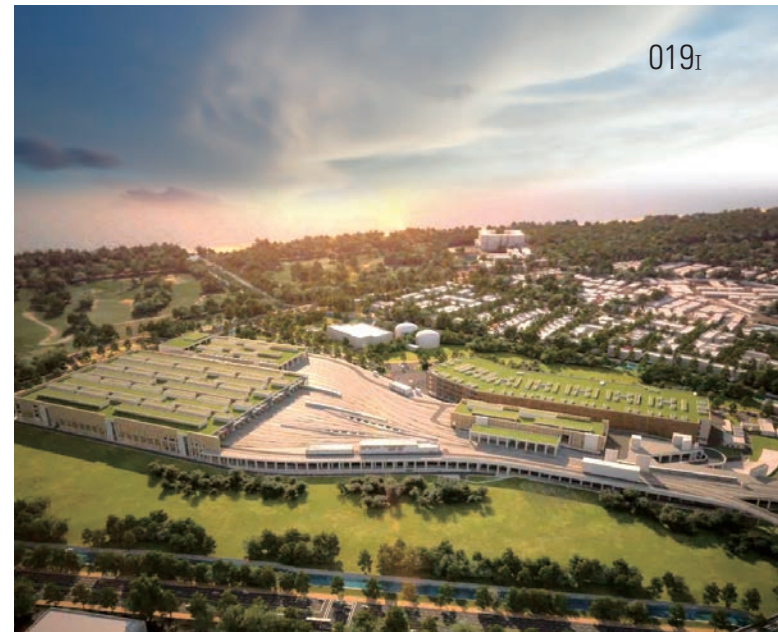
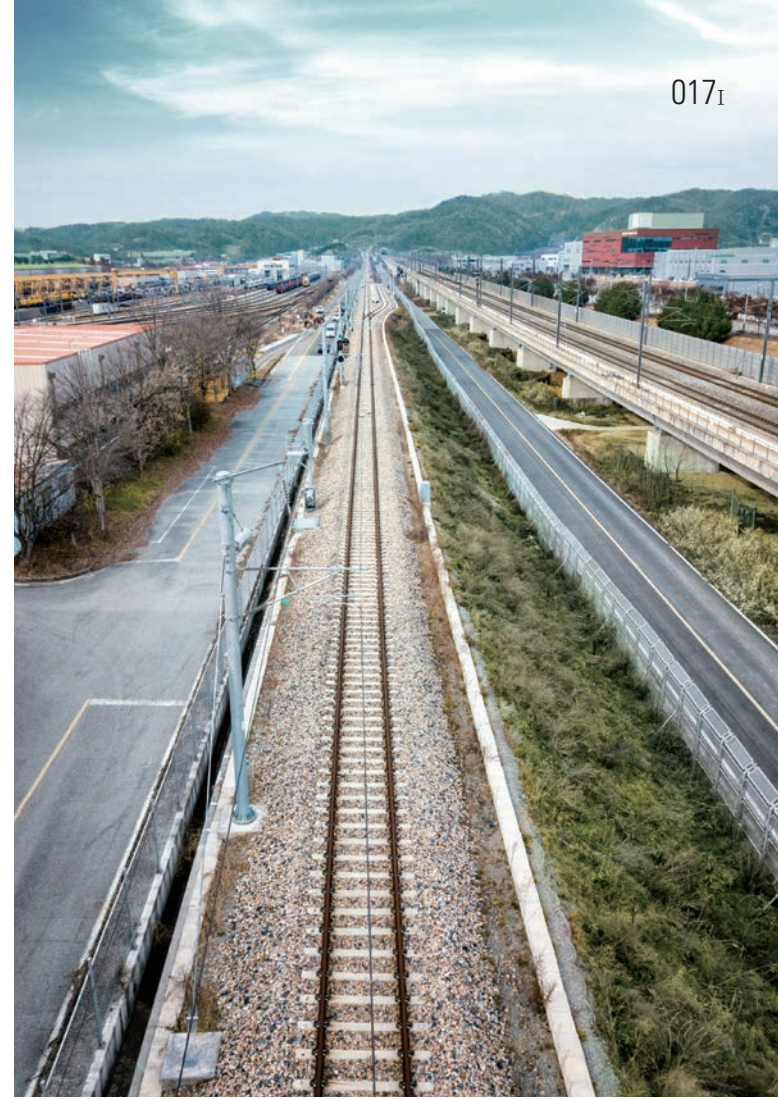
013_I



Roads, Railways, Subways

LINE - A path to connect space, the expansion of the route by connecting countless lines

Where there is a road, life becomes richer and culture gets more developed. GS E&C is very proud of its long time accomplishment of the sophisticated road networks and the world-class high-tech subways (underground area) in Seoul Metropolitan City, the 6th largest cosmopolitan city in the world. Our cutting edge technology and know-how are once again evidenced in the constructions of the subways and stations in the countries like Singapore, Vietnam, and Qatar. Such technology and know-how will be our valuable assets to make us the leading contractor to construct the transcontinental railroads to connect Korea, Russia, and Europe for the 'Era Of Eurasia'.



014_I **Seoul-Busan
High Speed Railway**

Location: Okcheon, Korea
- Total Length 12.25km
- Double Track 3.59km
Project period: 1999. 05 ~ 2002. 11

015_I **Uijeongbu Light
Railway Transit**

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

016_I **Yeongjong Island
Magnetic Levitation Train**

Location: Incheon, Korea
- PSC BOX Girder: 6.11km
- 6 Stations, 1 Depot
Project period: 2010. 03 ~ 2012. 09

017_I **Osong Train
Testing Center**

Location: Cheongju, Korea
- Total Length 12.99km
- 6 Tunnels, 9 Bridges
Project period: 2014. 09 ~ 2019. 12

018_I **Electrified Double Track
Railway in Jungang Line
(Cheongnyangri-Deokso Sec.)**

Location: Namyangju, Korea
- Total Length 9.5km, 15 Bridges(1.97km)
- 4 Stations
Project period: 1997. 10 ~ 2006. 06

019_I **Thomson-East Coast Line
Contract T301**

Location: Changi, Singapore
- Area: 480,000m²
- Rail Depot: 24ha, 3 stories
- Bus Depot: 6ha, 4 stories
- Tunnel: 1.25km
Project period: 2016. 03 ~ 2024. 02



020_I

020_I **Expressway No. 45
(Hyeonpung-Gimcheon
Section)**

Location: Gimcheon, Korea
- Total Length 28.8km, 4 Lanes
- 32 Bridges(6.05km)
- 4 Tunnels(7.7km)
Project period: 2001. 12 ~ 2007. 12



021_I

021_I **Seoul~Munsan
Expressway**

Location: Goyang, Korea
- Total length 20.7km, 4~6 Lanes
- 63 Bridges (6km), 3 Tunnels (0.9km)
Project period: 2015. 11 ~ 2020. 11



022_I

022_I **Cheonan-Nonsan Expressway**

Location: Cheonan, Korea
- Total Length 24.4km, 4 Lanes,
- 3 Bridges(2.54km)
- Tunnel(0.53km)
Project period: 1997. 12 ~ 2002. 12



023_I

023_I **Tan Son Nhat - Binh Loi
Outer Ring Road**

Location: Ho Chi Minh, Vietnam
- Total Length 13.7km, 12 Lanes
- Nielsen Arch Bridge
Project period: 2008. 07 ~ 2016. 09



024_I

024_I **North East Link (NEL)**

Location: Melbourne, Australia
- Total length 6.9km, 6 Lanes
- TBM Tunnel 4.8km
- Cut-and-Cover Tunnel 1.6km
- SEM Tunnel 431m
Project period: 2021. 10 ~ 2028. 10



025_I

025_I **Seobu Underground Expressway**

Location: Seoul, Korea
- Total length 10.33km, 4 Lanes
- Tunnel 8.003km
- 2 air purification facilities
- 1 emergency exit
Project period: 2016. 03 ~ 2021. 08



026_I

026_I HCMC Urban Railway Construction Project Line 1 CP2

Location: Ho Chi Minh, Vietnam
 - Total Length 17.2km, 6 Bridges
 - 11 Stations
 - depot area 210,000m²
 Project period: 2012. 07 ~ 2019. 12



028_I



027_I

027_I Downtown Line Stage2 C911

Location: Bukit Panjang, Singapore
 - Depot
 - Site area: 300,000m²
 - Facilities: road, drain
 - 24 buildings
 Project period: 2009. 03 ~ 2015. 07

Downtown Line Stage2 C913

Location: Bukit Timah, Singapore
 - 1.65km, 1.23km Slury Type TBM (φ5.8m)
 - 2 Stations
 Project period: 2009. 08 ~ 2015. 07

Downtown Line Stage3 C925

Location: Tampines, Singapore
 - 1.38km
 - 1 Stations (Tampines East Station)
 Project period: 2011. 07 ~ 2018. 06

Downtown Line Stage3 C937

Location: Clake Quay, Singapore
 - 1.64km (TBM Tunnel 1.18km)
 - 1 Stations (Fort Canning Station)
 Project period: 2011. 07 ~ 2016. 12



029_I

028_I Seoul Metro Line No. 9 Section No. 904

Location: Seoul, Korea
 - Total Length 2.0km
 - 2 Stations
 Project period: 2001. 12 ~ 2009. 08

029_I Electrified Double Track Railway in Taebaek Line No.1

Location: Jecheon, Korea
 - Total Length 14.29km, 8 Bridges(2.09km)
 - 3 Tunnels(6.75km), 2 Stations
 Project period: 2004. 11 ~ 2014. 6.

030_I Electrified Double Track Railway in Gyeongchun Line Section No. 7

Location: Chuncheon, Korea
 - Total Length 12.15km, 5 Bridges(3.22km)
 - 4 Tunnels(8.19km), 2 Stations
 Project period: 1999. 12 ~ 2011. 12



030_I

Industrial Complex, Dams, River Maintenance

PLANE - Fundamental element of shape and space

GS E&C's state-of-the art technology changes the existing land and terrain into far more beneficial and valuable places. Our experiences from many dam constructions and the Four Major River Restoration Project, one of the Korea's largest national projects in the history, have become the essence of our competency to be the leader of the efficient development and management of water resources. Besides, we have been establishing various industrial complexes to provide more territory for high-tech human activity. With our creative approach and technological innovation, GS E&C assures you to provide more valuable and beneficial life to the world



031_I Buhang Multi-Purpose Dam

Location: Gimcheon, Korea
- Total Reservoir Capacity 54.3mil.m³
- Road 12.71km
- 9 Bridges(1.55km)
Project period: 2006. 11 ~ 2014. 09

032_I Cheonggye Stream Restoration

Location: Seoul, Korea
- 8 Bridges (201.51m)
- Landscaping and Stream Restoration 2.1km
Project period: 2003. 06 ~ 2005. 12

033_I Seoul Metropolitan Area Water-Supply System Rehabilitation, Phase 1

Location: Seoul, Korea
- Total Length 53.9 km
Project period: 2008. 07 ~ 2012. 03

034_I Gulpo Drainage Canal

Location: Incheon, Korea
- Canal(L = 4.7km, W = 80m)
- Road(11.24km)
Project period: 2005. 05 ~ 2012. 02

035_I



037_I



036_I



038_I



035_I Myungji District Development Project No.1

Location: Busan , Korea
 - Development Area : 880,000m²,
 - Pavement : 174,100m²
 - Pipeline work : 49Km
 Project Period: 2010. 07 ~ 2017. 05

036_I Ecological Improvement in Geum River

Location: Buyeo, Korea
 - Multifunctional Barrage(L=680.0m, H=5.0m),
 - Earthwork: Dredging & Reclamation(3.06mil.m³)
 - Waterpower Station
 Project period: 2009. 11 ~ 2012. 07

037_I Yongsan-River Estuary Improvement Construction No. 1 Project

Location: Damyang, Korea
 - Tidal Gate(480m)
 - Bridge 3 nos(795m)
 - Nature-Friendly Aqueduct
 Project period: 2010. 04 ~ 2015. 02

038_I Ecological Improvement in Nakdong River

Location: Haman, Korea
 - Multifunctional Barrage(L=566.1m, H=13.2m)
 - Earthwork: Dredging & Reclamation(3.42mil.m³)
 - Waterpower Station
 Project period: 2009. 11 ~ 2012. 06

ECO

GS E&C is Energy That Protects Nature and People

As a global player in the water treatment, waste treatment, and recycling fields based on advanced technology and various construction experiences, GS E&C is expanding its scope to SWRO/BWRO field while gaining great trust from customers and being loved by acquiring GS Inima, the world's first seawater desalination company.

In order to secure light and energy to illuminate the global village, the company is successfully conducting business in various fields such as renewable energy and nuclear power.



Jeju Environmental Resource Circulation Center

Location: Jeju, Korea

- Incineration plant: 500 ton/day - Stoker type

Project period: 2016. 07 ~ 2019. 11

Waste Treatment & Recycling

The harmonization of state-of-the-art technology with the bounty of Nature

GS E&C is the best construction performer in Korea in the area of waste burning disposal facilities and this is demonstrated by the construction of the Mapo Recycling facilities, the Masan city Resource Recovery Facilities, and the Cheongju area incineration facilities.

In the area of industrial wastes incineration, our company's advanced technologies were recognized in the successful completion of waste burning facilities project at the LG Philips LCD factory.

In this way, GS E&C is securing differentiated competitiveness in the waste disposal and recycling sectors as seen in our roles at the Jungrang Sewage Sludge Treatment Facilities, Capital Area Landfill No. 1 Stabilization Construction, Food Wastes Resource Facilities in Namdong-gu in Incheon and the Capital Area Home Appliances Recycling Center.



001E **Jecheon Municipal Solid Waste Treatment Plant**

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

002E **Chungju Municipal Solid Waste Treatment Plant**

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

003E **Modernization Project of Integrated Environment Infrastructure with development of Park in Hanam-si**

Location: Hanam-si, Korea
 - STP: 32,000 m³/d, Sludge Drying Facility : 60 t/d
 - Sewage Pumping Station: 110,000 m³/d
 - Inlet Pipeline: 1.34km, Discharge Pipeline : 1.04km
 - Waste Incineration Facility: 48 t/d, Food Waste Treatment Facility : 80 t/d
 - Material Recovery Facility from MSW: 50 t/d, Compression Facility : 60 t/d
 Project period: 2011. 09 ~ 2015. 06

004E



004E Daegu Metropolitan Waste to Energy Center Private Investment Project

Location: Daegu, Korea
 - SRF Facility (800 t/d), Cogeneration Facility with SRF
 (Cogeneration Facility-380 t/d, 3MW × 1EA)
 - Administration Bldg, Security/Weighbridge Bldg, Maintenance Bldg,
 Cleaning Bldg and Stack (H: 105m)
 Project period: 2013. 12 ~ 2016. 06

005E



005E Geongsangbuk-do Province Environmental Energy Complex

Location: Andong, Korea
 - Incineration plant: 390 ton/day
 - Stoker type
 - Biogas Plant : 120 ton/day
 - Anaerobic Digestion Type
 Project period: 2016. 03 ~ 2019. 10

006E



006E Hwaseong Municipal Solid Waste Treatment Plant

Location: Hwaseong, Korea
 - Capacity: 200 ton/day
 - Pyrolysis melting type
 Project period: 2007. 04 ~ 2011. 08

007E



008E



007E Mapo Municipal Solid Waste Treatment Plant

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

008E Gumi Municipal Solid Waste Treatment Plant

Location: Gumi, Korea
 - Incineration plant: 200 ton/day
 - Stoker type
 Project period: 2008. 07 ~ 2011. 04

009E



009E Masan Municipal Solid Waste Treatment Plant

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

010E



010E Cheongju Municipal Solid Waste Treatment Plant

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

011P



011P Eunpyung MSW Management System

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

Water Treatment & Seawater Desalination

GS with Technology that Safeguards Nature and People

With its advanced technology and diverse work experiences, GS E&C leads the Korean market for sewage treatment and wastewater treatment. The company now expands its area of operation into facility upgrade and advanced treatment as instanced in Osan Sewage Treatment Facility, Jeonju Advanced Sewage Treatment Facility, and Jungang Water Regeneration Center Advanced Treatment Facility.

Also, the company cuts a figure in optimized design and construction of environmental facilities such as water treatment facilities related to LG Philips LCD plant.

Furthermore, by acquiring GS Inima, the world's first seawater desalinization company, GS E&C now basks in great customer trust and affection as a global player in water treatment by expanding its business operation in SWRO/BWRO and advancing overseas to handle BAPCO wastewater treatment facility in Bahrain and Azzour water transmission facilities in Kuwait.

012E Jeju Advanced Sewage treatment plant

Location: Jeju, Korea
- Advanced Sewage Treatment: 130,000m³/day
- CNR Process
Project period: 2006. 09 ~ 2009. 05



013E BAPCO Wastewater Treatment Plant

Location: BAPCO Refinery Plant Area, Bahrain
- MBR process applied, 24,000m³/d WWTP
- Dismantlement of existing Sulfur Pelletizing Plant and its access road
Project period: 2010. 09 ~ 2015. 06



014E Jungang Advanced Sewage treatment plant

Location: Seoul, Korea
- Advanced Sewage Treatment: 880,000m³/day
Project period: 2009. 02 ~ 2014. 01



015E Osan Sewage Treatment Plant(Unit #2)

Location: Osan, Korea
- Sewage Treatment: 64,000m³/day
- B3 Process
- Sewage Recycling pump: 52,000m³/day
Project period: 2005. 08 ~ 2009. 08



016E



016E Namyangju Sewage Treatment Plant

Location: Namyangju, Korea
- Sewage Treatment: 28,000m³/day
- A2O+MBR
Project Period: 2013. 09 ~ 2018. 06

019E Gumi Reuse of Treated Sewage Plant (BTO)

Location: Chilgok, Korea
- Reuse of treated Sewage: 90,000m³/day
- Sedimentation + MF + RO
Project Period: 2016. 04 ~ 2018. 10



020 Paju Wastewater Treatment Plant (Phase3-2)

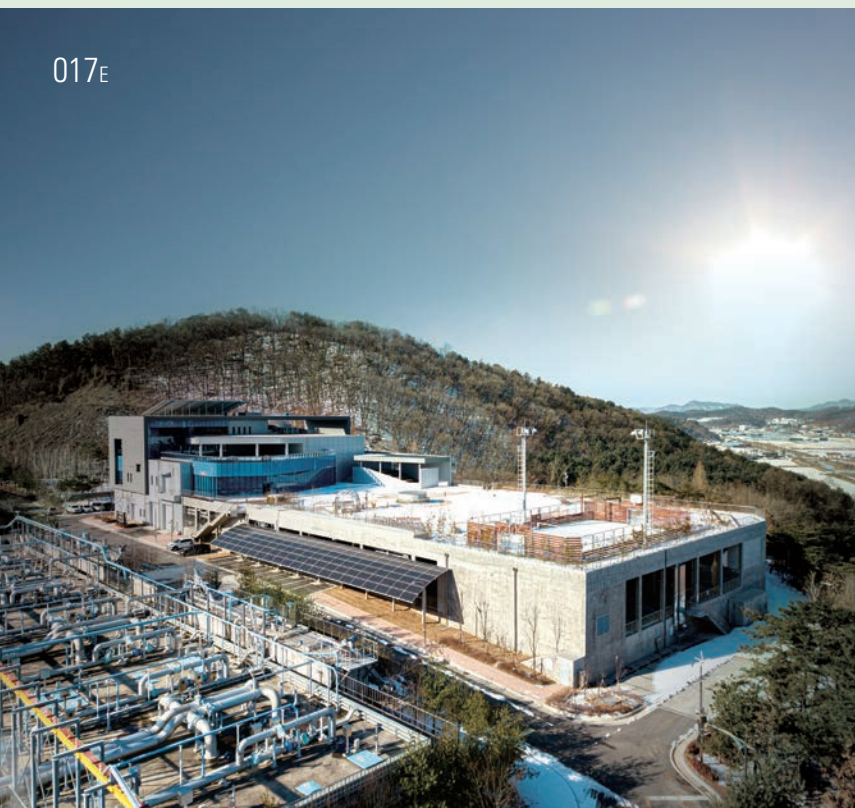
Location: Paju, Korea
- Sewage Treatment: 45,000m³/day (MBR Process)
Project period: 2016. 05 ~ 2017. 10



021E Ilsan Advanced Sewage treatment plant

Location: Goyang, Korea
- Advanced Sewage Treatment: 270,000m³/day
- MLEProcess
Project period: 2006. 12 ~ 2009. 12

017E



017E Paju Wastewater Treatment Plant (Phase4)

Location: Paju, Korea
- Wastewater Treatment Expansion: 50,000m³/day
- Civic convenient facilities
Project period: 2016. 01 ~ 2020. 04

018E



018E Busan Nambu Public Sewage Treatment Plant

Location: Busan, Korea
- Sewage Treatment: 65,000m³/day (MBR Process)
- Advanced Sewage Treatment: 275,000m³/day (MLE Process)
Project period: 2013. 05 ~ 2017. 05

021E



022E



022E **Ribeiro Preto Wastewater Treatment Plant**

Location : So Paulo, Brazil
- 150,000 m³/d WWTP

023E



023E **Los Cabos Desalination Plant**

Location : Cape San Lucas, Baja California, Mexico
- 20,736m³/d SWRO Desalination Plant

024E



024E **Lagares WWTP**

Location : Vigo, Spain
- 230,668m³/d WWTP

025E



025E **Mostaganen Desalination Plant**

Location : Mostaganen, Algeria
- 200,000m³/d SWRO Desalination Plant

Combined Cycle/ Thermal Fired/ Nuclear Power Plant Renewable Energy

A leader equipped with real competitiveness

GS E&C has accumulated a wealth of experience and knowledge in the construction of electric power plants such as in the successful construction of the combined cycle power plants in Bugok #5 & #6, coal-fired power plants in Taean #7 & #8, coal-fired power plants in Dangjin #1 & #2, combined cycle power plants in Ilsan #1 & #2, and Shin-Wolsung nuclear power plant. Furthermore, GS E&C is currently constructing new combined cycle power plant in Anyang, coal-fired power plant in Pocheon and Shin-Hanul nuclear power plant. The company has also successfully completed construction of Yerevan CCPP in Armenia, Barka3 & Sohar2 power plants in Oman and is currently constructing PP12 power plants in Saudi Arabia, Kais CCPP in Algeria strengthening its status in the overseas power generator markets.

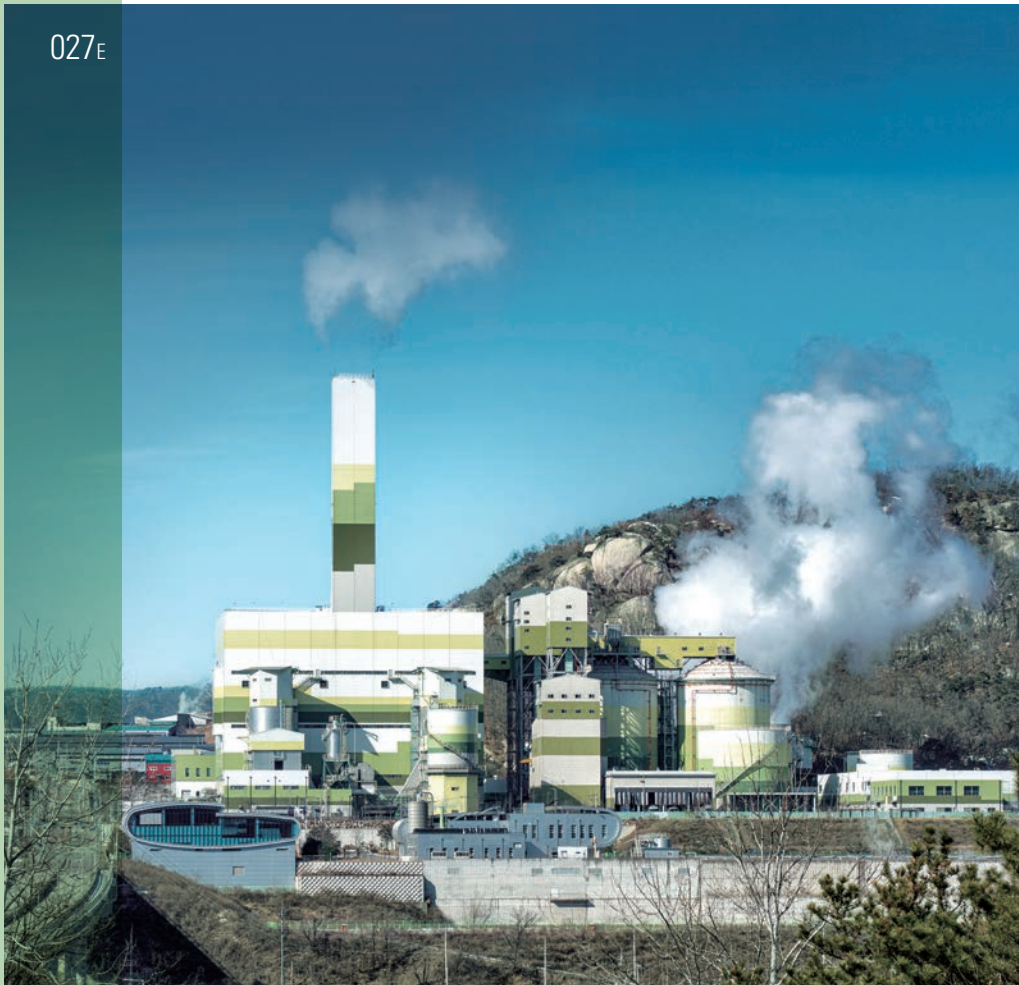
GS E&C has successfully carried out Yeongheung wind power center, Jeju Kimnyung wind power center and Dangjin Biomass power plant which is the biggest Biomass power plant In Asia enhancing competitiveness in the renewable energy and IPP business.

026E Yeongheung Coal Fired Power Plant (Unit 5 & 6)

Location: Yeongheung, Korea
- Total capacity of 1,740MW
- 870MW x 2 (PC Boiler 2 Units + ST 2 Units)
Project period: 2011. 04 ~ 2014. 12

027E Pocheon GCCC

Location: Pocheon, Korea
- Steam power generation: 169.9MW STG
- CFBC Boiler x 2
Project period: 2015. 11 ~ 2018. 08



028E Dangjin Coal-Fired Power Plant(Unit 7 & 8)

Location: Dangjin, Korea
- Total 500MWx2
Project period: 2003. 12 ~ 2007. 12

029E Incheon Combined Cycle Power Plant(Phase #2)

Location: Incheon, Korea
- Total 500MW
- Gas Turbine 160MWx2
- Steam Turbine 180MWx1
Project period: 2007. 03 ~ 2009. 06





030E

030E Andong Combined Cycle Power Plan

Location: Andong, Korea
 - Total Capacity of 400MW
 - GT (270MW X 1 Unit)
 - ST (130MW X 1 Unit)
 Project period: 2012. 04 ~ 2014. 06



032E

032E GS EPS LNG Combined Cycle Power Plant(Unit 2)

Location: Bugok, Korea
 - Total 550MW
 - GasTurbine180MW×2
 - Steam Turbine190MW×1
 Project period: 2005. 12 ~ 2008. 03



033E

033E Barka3 & Sohar2 IPP Project

Location: Barka & Sohar, Oman
 - Total 1,500MW(750MW×2)
 - Barka 3IPP(750MW)
 - Sohar 2IPP(750MW)
 Project period: 2010. 06 ~ 2013. 03



034P

034E Yerevan Combined Cycle Power Plant

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

035E



035E **Dangjin Biomass Power Plant**

Location: Dangjin, Korea
- Total Capacity of 105MW
- CFB Boiler 1 Unit + ST 1 Unit
Project period: 2013. 02 ~ 2015. 07

036E **Oksan~Ochang Expressway Solar Energy System**

Location: Cheongju, Korea
- Solar energy generation: 6.5 MW
- ESS 19.5MWh
Project period: 2019. 06 ~ 2019. 11

036E



037E **Shin-Wolsung Nuclear Power Plant(Unit1 & 2)**

Location: Gyeongju, Korea
- 1,000MW×2
Project period: 2003. 07 ~ 2013. 01

037E



038E **Shin-Hanul Nuclear Power Plant (Unit 1 & 2)**

Location: Uljin, Korea
- 1,400MW×2
Project period: 2010. 04 ~ 2020. 09

038E



039E **Youngheung Wind Power Center**

Location: Incheon, Korea
- Total 20MW
Project period: 2010. 01 ~ 2011. 07

039E



T/L & Substation

Light that creates a bright
and heart-warming world

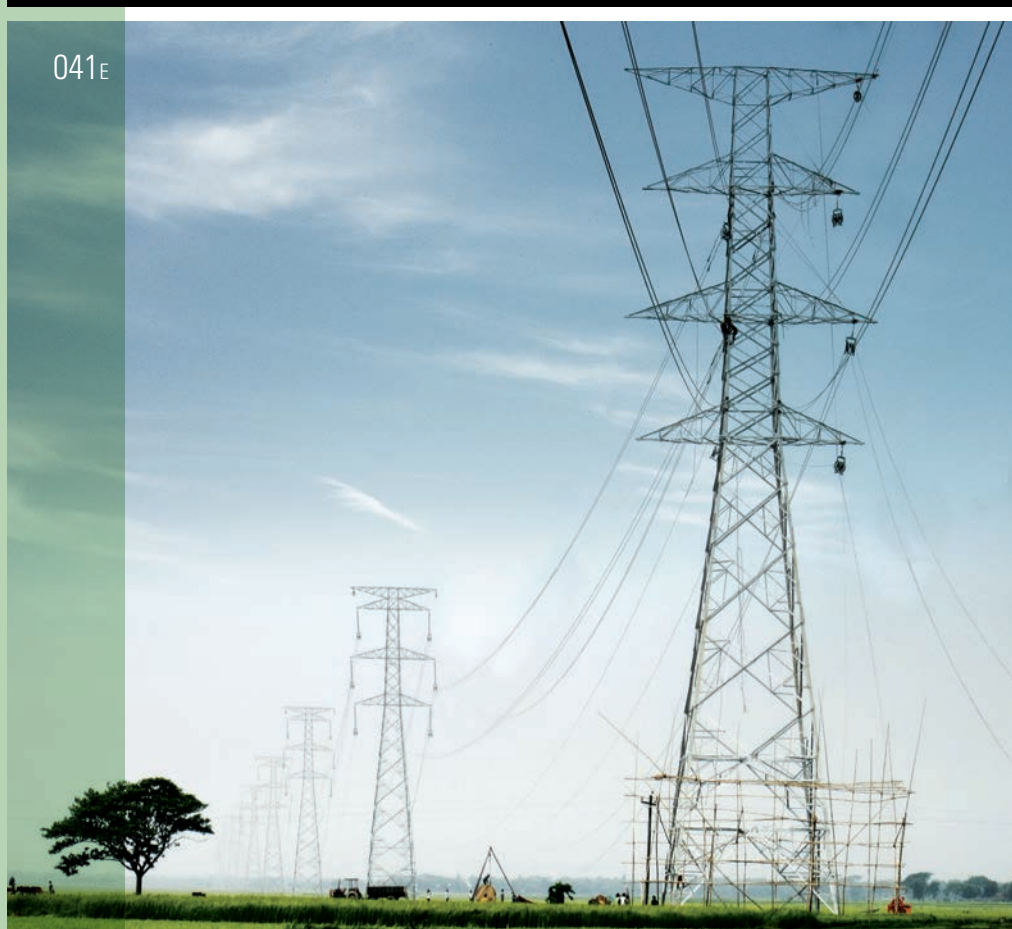
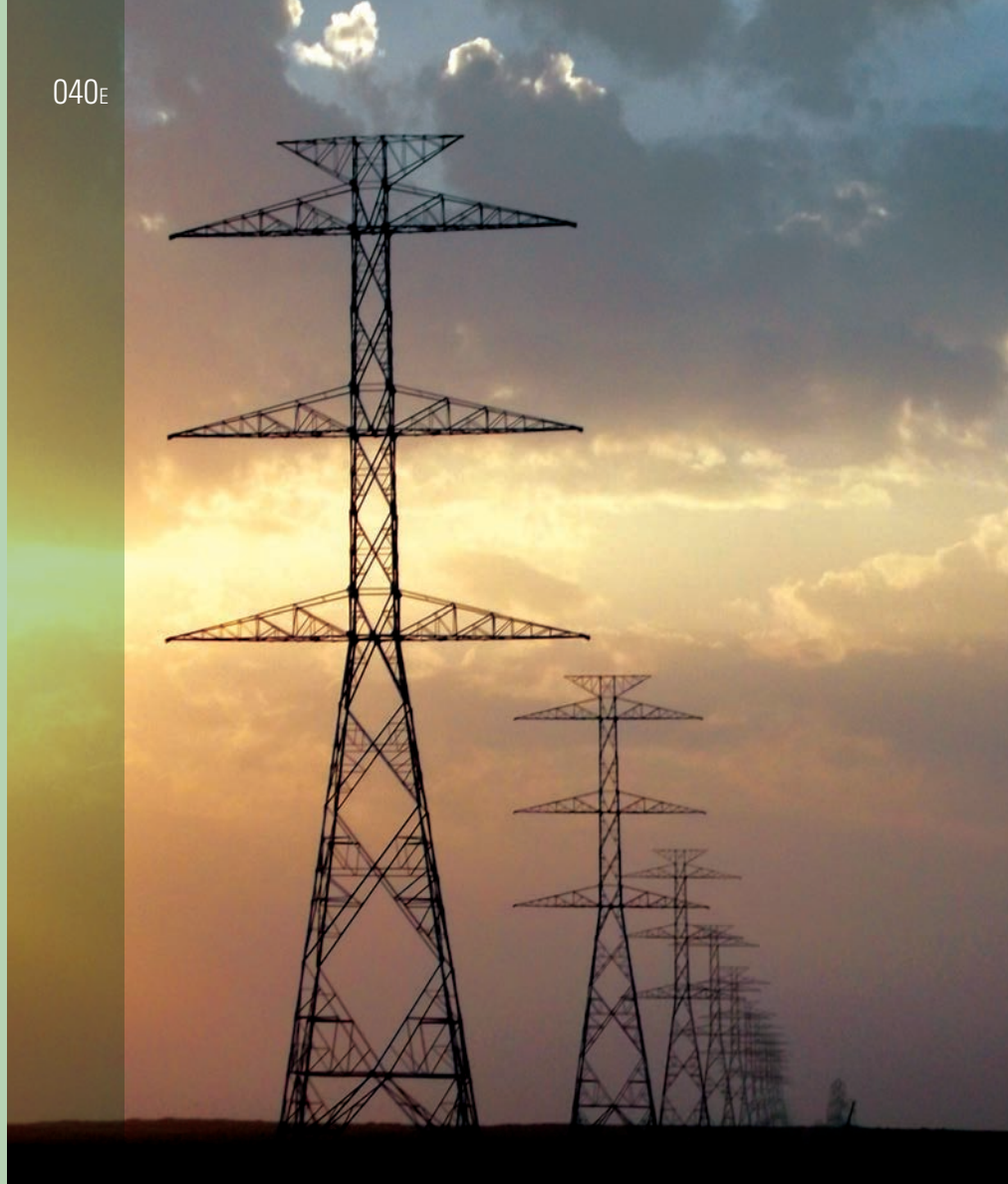
In T&D Business, GS E&C has successfully completed construction projects including transmission lines, substations, railway E&M and communication. We have secured global competence with accumulated knowledge, and this has led to 400kV Power Transmission project in Bangladesh, 380kV IRRQAA Power Transmission line project in Saudi Arabia and 220kV Substation Project in Tanzania. In this way, our company is making our move to emerge as a global top tier company in the overseas power transmission and substation EPC markets as well as the railway E&M sectors at home and abroad. We are also taking the initiative in providing total solutions in the IT sector as a leading company in the ITS and U-City sectors as demonstrated in the belt highway ITS on the outskirts of Seoul, the ITS between Cheonan and Nonsan and U-City in Ilsan.

040E IRRQAA 380kV Transmission Line Project

Location: Riyadh, Saudi Arabia
- Transmission: 380kV 225km
- Steel Tower 621 Set
Project period: 2013. 10 ~ 2015. 11

041E Bibiyana ~ Kaliakoir 400kV Transmission Line Project

Location: Bibiyana~Kaliakoir, Bangladesh
- 400kV Transmission Line 170km(2 Line)
- Steel Tower 410 Set
Project period: 2012. 01 ~ 2015. 07



042E 154kV & 345KV Substation at Paju LCD Complex Project

Location: Paju, Korea
- 345kV GIS Substation
- 154kV GIS Substation
Project period: 2004. 03 ~ 2009. 03

043E 345kV Underground Transmission Line Project

Location: Paju, Korea
EPC Turn Key : - 345kV Underground Cable: 4.1km
- 345kV OHTL: 1.16km (Tower 4 Set)
- 154kV OHTL: 0.3km (Tower 2 Set)
Project period: 2008. 10 ~ 2011. 11



044E 220V Iringa Substation (Tanzania)

Location: Iringa & Dodoma & Shinyanga, Tanzania
Installation & Expansion for 4 Units of 220kV Substation
Project period: 2004. 03 ~ 2009. 03

Plant

**GS E&C is
a deep root
sustaining the world**

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.

We are continually achieving growth by making diverse efforts to enhance the network and to diversify business in major overseas areas while attempting to proactively advance into future business sectors by enhancing competence in the gas and LNG Liquefaction businesses.



Sohar Aromatics

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

Petrochemical

Diverse experience of GS E&C has made it possible to establish GS petrochemical plants all over the world.

GS E&C has successfully carried out numerous petrochemical projects such as Ethylene, PP, Phenol/BPA, OCU and LG petrochemical in the Korea market as well as Lidong Aromatics, Thai ATC Aromatics, and HMC PP in the Asia market. Having demonstrated a wealth of experience in petrochemical plant construction GS E&C was awarded the 1.26 billion dollar Sohar Aromatics contract in Oman, the largest project within Oman in 2006. Successful completion of the project was made in 2010 with an impressive 1.8 million accident-free man hours. GS E&C looks to expand its business areas in to the Mideast Asia, Central and South America, CIS and Africa. Winning the Egyptian LAB project(E-Lab) has been a trigger point towards this goal.



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



002P **MFC**

Location: Yeosu, Korea
- Ethylene 700,000tons/year
- Propylene 350,000tons/year
- Polyethylene 500,000tons/year
Project period: 2018. 08 ~ 2021. 03

003P **Salalah Methanol**

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



004P **Rabigh CP3/4**

Location: Rabigh, Saudi Arabia
- Ethylene Propylene Rubber (75KMTA)
- Thermo Plastic Olefin (15 KMTA)
- LDPE/EVA (150 KMTA), PMMA (50 KMTA)
- MTBE/Isobutylene (238/77 KMTA)
- Metathesis (280 KMTA), MMA (86 KMTA)
Project period: 2012. 06 ~ 2017. 05



005P **Rabigh U01**

Location: Rabigh, Saudi Arabia
- Interconnecting & Utility / Offsite
Project period: 2012. 06 ~ 2017. 01



006P **HMC PP**
Location: Map Ta Phut, Thailand
- Polypropylene 300,000 MTPY
Project period: 2007. 07 ~ 2009. 11

007P **Y2C**
Location: Yeosu, Korea
- NCC 900,000tons/year
- HDPE 200,000tons/year
- BRU 260,000tons/year
Project period: 2018. 08 ~ 2021. 08



008P **QP LAB**
Location: Mesaieed, Qatar
- Paraffin 80,000 MTPY
- LAB 100,000 MTPY
Project period: 2004. 01 ~ 2006. 04

009P **ATC No.2 Aromatics**
Location: Map Ta Phut, Thailand
- Para Xylene 565,000 MTPY
- Benzene 301,000 MTPY
- Toluene 60,000 MTPY
Project period: 2005. 08 ~ 2008. 10



Oil & Gas

Our ongoing efforts in the Oil & Gas Plant field were finally crowned with successful penetration into the world market, earning a world-class reputation all over the globe.

GS E&C was able to accumulate extensive knowledge in the upgrading of internal facilities with the execution of the GS-Caltex RFCC project in the early 2000s and the No. 2 ~ 3 HOU since themid-2000s. This Corporation has not only strengthened fundamental skills in the oil sector, but has also branched out into the gas sector with the LNG Terminal in Tongyoung, Incheon, and Pyeongtaek, Korea.

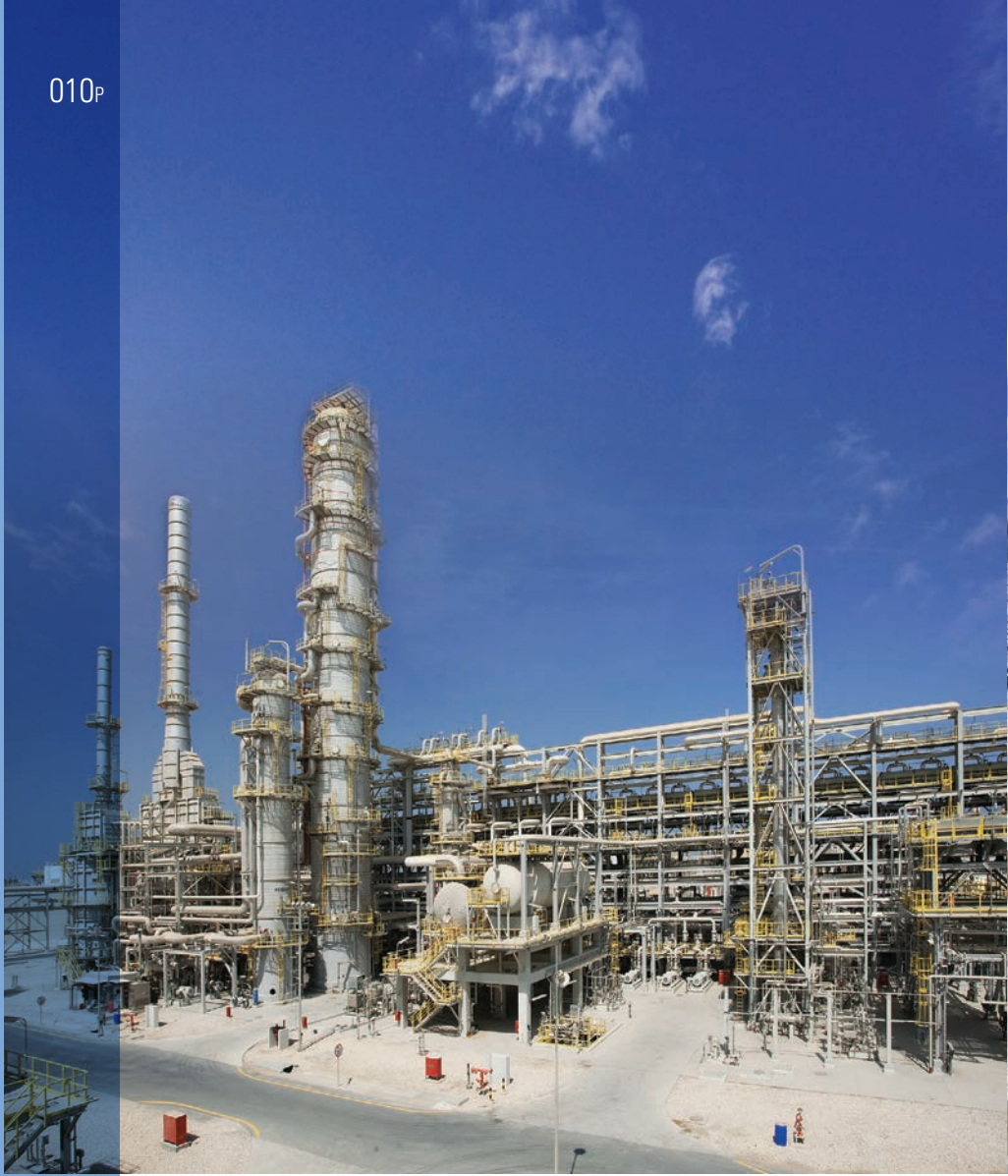
GS E&C has built up its oversea experience in Azerbaijan/Thailand/Qatar from the early 1990s, and showed impressive execution, a reliable corporation image and the capability to manage large scale projects such as SP 9 ~ 10 in Iran,Green Diesel in UAE, PTTLNG in Thailand, and Manifa in Saudi.

GS E&C was awarded 2.18 Billion USD contract in 2009 to build natural gas separation facilities in the UAE, which is called the GASCO 4th NGL, and completed successfully in 2014.

Our confidence and effective strategies in carrying out large-scale gas projects and the bright prospects seen in our emergence into the gas sector are the by product of our outstanding record.

010P **Laffan Refinery**
Location: Ras Laffan, Qatar
- Condensate Refinery 146,000 BPSD
Project period: 2005. 05 ~ 2008. 12

011P **STAR Project**
Location: Izmir, Turkey
- Refinery 214,000 BPSD
Project period: 2013. 05 ~ 2019. 12



012P **Black Gold Project**
Location: Alberta, Canada
- Wellpad x 2
- Infrastructure / Utility
- SAGD type, Bitumen 10,000 BPD(Phase 1)
Project period: 2010. 08 ~ 2014. 06

013P **Cilacap RFCC Project**
Location: Java Island, Indonesia
- 62,000 BPSD RFCC
Project period: 2011. 09 ~ 2015. 12

014P



014P **POGC South Pars Gas Field Development Phase 9&10**

Location: Assaluyeh, Iran
- Gas Facilities 2,000 MMSCFD (500 × 4 Trains)
Project period: 2003. 03 ~ 2010. 03

017P



017P **WARA**

Location: Burgan Oil Field, Kuwait
- Enhanced Oil Recovery
(Effluent Water Treatment and Injection Pipeline)
- 667,000 BWPD & Pipeline (500km)
Project period: 2011. 09 ~ 2017. 03

018P **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



015P **Ruwais Refinery Expansion Project (Package 2 & 7)**

Location: Ruwais, UAE
- RFCC & Associated Refining Units / 127,200 BPSD (RFCC Criteria)
- Jetty (4,400m), Berths (3ea, 880m), Main Export Pipeline (27 units)
Project period: 2009. 12 ~ 2014. 12

016P



016P **UHV**

Location: Rayong, Thailand
- Sulfur Recovery Unit & RFCC
- ARDS 25,000 BPSD
- DCC 29,773 BPSD & SRU / PRU
Project period: 2012. 10 ~ 2017. 01

018P





019P

019P 4th NGL Project

Location: Ruwais, UAE

- C3, C4, C5+ TREATMENT
- SRU 30 T/D
- UTILITIES & OFFSITES
- NGL FRACTIONATION 27,000 TPD
- ETHANE (C2) 4,761 TPD
- PROPANE (C3) 7,857 TPD
- BUTANE (C4) 9,362 TPD
- PARAFFINIC NAPHTHA (C5) 5,546 TPD
- CONDENSATE RETURN 6,712 TPD

Project period: 2009. 07 ~ 2014. 12



020P

020P UAE Green Diesel

Location: Ruwais, UAE

- VACUUM UNIT 35,000
- HYDROCRACKER 41,000
- GAS OIL HYDROTREATER 44,000

Project period: 2008. 01 ~ 2011. 11



021P

021P Manifa Gas Facilities Project

Location: Khursaniyah, Saudi Arabia

- Gas Inlet Facilities, Gas Processing: 90 MMSCFD
- Condensate Stripping: 66,400 BPSD
- SRU: 900 TPD × 2

Project period: 2008. 08 ~ 2011. 10



022P **Rumaitha Shanayel Facilities Phase III**

Location: Abu Dhabi, UAE
- Oil Production Expansion: 46,000 → 85,000 BPSD
- Central Processing Facilities
- 16 New Clusters & 78 Wells Tie-Ins
Project Period: 2014. 04 ~ 2017. 12 (RFC Criteria)



023P **PTT LNG**

Location: Map Ta Phut, Thailand
5MTA LNG Regasification Terminal
- 160,000KL Above Ground LNG Tank × 2
- LNG Unloading Jetty For LNG Carrier
(125,000 ~ 265,000KL)
- 5MTA Vaporizing Process
Project period: 2008. 02 ~ 2011. 06



024P **NSRP**

Location: Nghi Son Economic Zone, Tihh Gia, Thanh Hoa, Vietnam
- 200,000 BPSD RFCC
Project period: 2013. 07 ~ 2017. 02

025P **North LPG Tank Farm**

Mina Al-Ahmadi, Kuwait
- Propane(5 Nos.) / Butane(5 Nos.)
Tank(72,500m3 X 10 Nos.)
- Utilities & Offsites
- Boil Off Gas & Ship Loading System
- Propane (10") / Butane (28")
Line for Ship Loading
Project period: 2011. 04 ~ 2018. 01



Architecture

GS E&C's urban aesthetics is changing landscapes around the world

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.



IFC Seoul

• Location: Seoul, Korea • Total floor area: 509,524m² • B7 ~ 55F
• Project period: 2008. 01 ~ 2011. 12

Office Building

True landmarks that change the skyline of a city

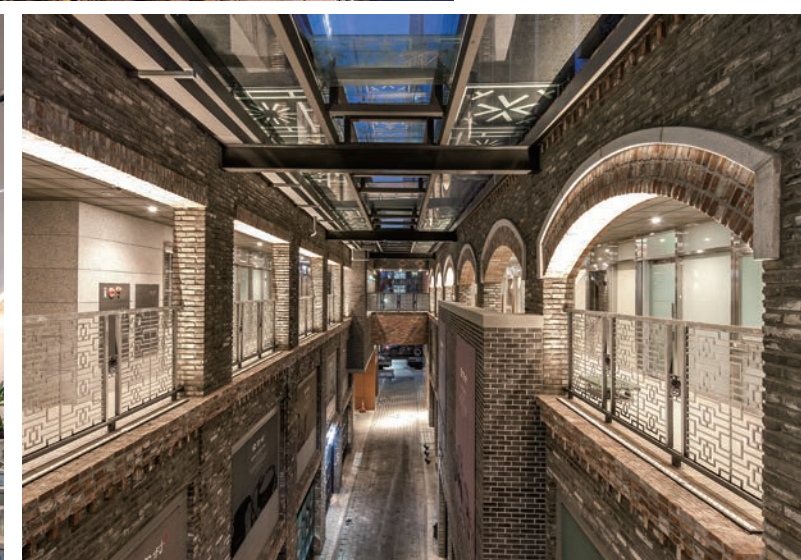
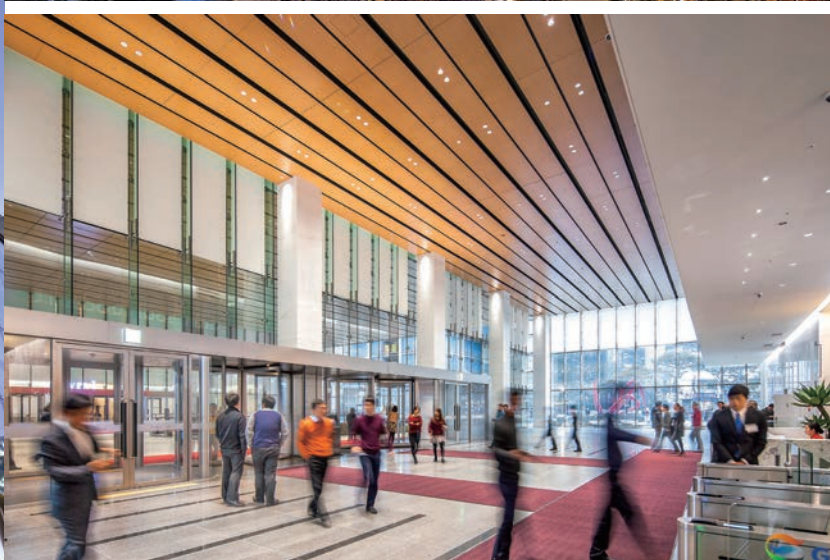
The office buildings constructed by GS E&C are not mere facilities for work but landmarks comprising the image of a city. They also show the character and competitiveness of the tenant companies. With our refined technology and extensive experience, GS E&C is building high-tech intelligent buildings equipped with convenient functional aesthetics, differentiated designs and superior construction. 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 which reveals the superior technological powers of GS E&C to the world. Currently GS E&C is focusing our capabilities on the construction of high-tech buildings that integrate state-of-the-art technologies with businesses by reinforcing our abilities for the planning, constructing and engineering of modern high-rises.

001A Parnas Tower

Location: Seoul, Korea
- Total floor area: 218,490m²
- B8 ~ 38F
Project Period: 2011. 12 ~ 2016. 07

002A Ferrum Tower

Location: Seoul, Korea
- Total floor area: 55,692m²
- B6 ~ 28F
Project period: 2008. 05 ~ 2010. 08



003A Gran Seoul

Location: Seoul, Korea
- Total floor area: 175,536m²
- B7 ~ 24F (105m)
Project period: 2011. 04 ~ 2014. 03



004A Seoul Central Post Office

Location: Seoul, Korea
 - Total floor area: 72,506m²
 - B7 ~ 21F
 Project period: 2003. 07 ~ 2007. 08



006A



005A GS Tower

Location: Seoul, Korea
 - Total floor area: 141,552m²
 - B6 ~ 38F
 Project period: 1994. 12 ~ 1999. 08

006A Jeollanamdo Provincial Government

Location: Muan, Korea
 - Total floor area: 79,305m²
 - B2 ~ 23F
 Project period: 2001. 12 ~ 2005. 11



007A

007A Gwangmyeong Station Xi Tower

Location: Gwangmyeong, Korea
 - Total floor area: 119,835.79m²
 - B2 ~ 25F
 Project period: 2017. 05 ~ 2019. 08

008A LG Beijing Tower

Location: Beijing, China
 - Total floor area: 151,346m²
 - B4 ~ 30F
 Project period: 2002. 08 ~ 2005. 08



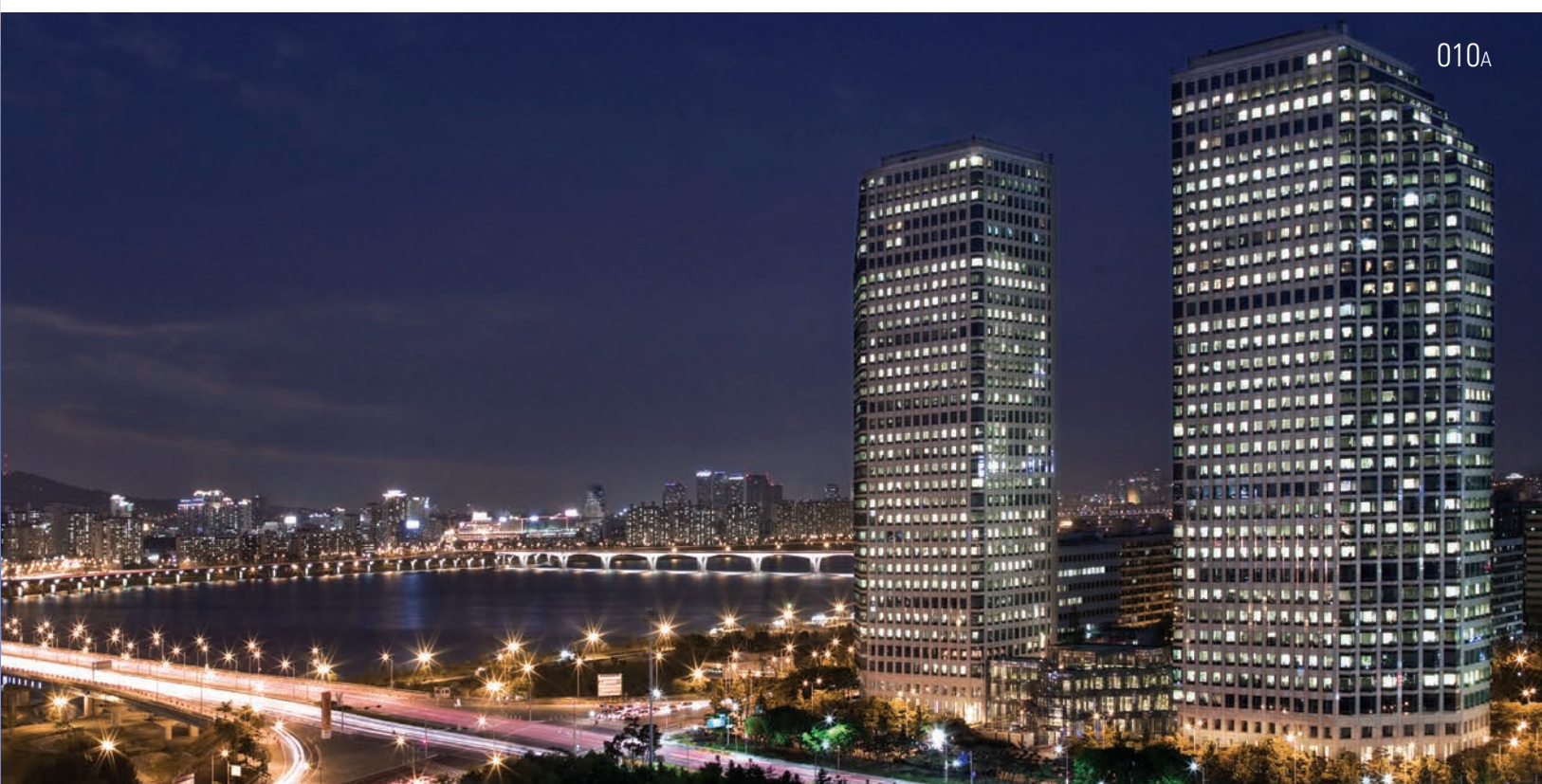
009A

009A Fusionopolis 2A - Tower A&B Fusionopolis 2A - Tower C

Location: Fusionopolis, Singapore
 - Total floor area: 84,215m², B3 ~ 18F(Tower A&B)
 - Total floor area: 19,418m², B2 ~ 5F(Tower C)
 Project period: 2011. 11 ~ 2014. 03 (AB)
 2011. 12 ~ 2015. 02 (C)



008A



010A

010A LG Twin Tower

Location: Seoul, Korea
 - Total floor area: 157,835m²
 - B3 ~ 34F
 Project period: 1983. 06 ~ 1987. 06

Education, Research & Hospitals

Function and aesthetics come alive in the spaces 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 with an understanding of geography, culture and academic needs, high-tech research facilities where various technical researches are carried out, and hospital facilities where optimal traffic lines per space and multipurpose option skills are required. GS E&C combines convenient functions and aesthetics with excellence in technological prowess to maximize customer satisfaction.



011A
Data Center GAK

Location: Chuncheon, Korea
- Total floor Area: 47,439m²
- B3 ~ 3F
Project Period: 2012. 02 ~ 2013. 06

012A
GS Namchon Leadership Center

Location: Seoul, Korea
- Total floor area: 6,956m²
- B3 ~ 5F
Project period: 2005. 10 ~ 2006. 09



013A
LG Electronics Seocho R&D Campus

Location: Seoul, Korea
- Total floor area: 125,070m²
- B5 ~ 25F
Project period: 2006. 02 ~ 2009. 02

014A
LG Electronics Incheon Campus

Location: Incheon, Korea
- Total floor Area: 102,502m²
- B1 ~ 7F
Project Period: 2011. 11 ~ 2013. 04

015A
Hana Financial Group IDC

Location: Incheon, Korea
- Total floor Area: 65,709m²
- B1 ~ 16F
Project Period: 2015. 06 ~ 2017. 05

016A



016A LG Science Park

Location: Seoul, Korea
- Total floor area: 236,772m²
- B3 ~ 9F
Project period: 2015. 05 ~ 2018. 06

017A



017A Ng Teng Fong Hospital

Location: Jurong, Singapore
- Total floor area: 230,380m²
- Regional Hospital (8 ~ 16F, 700 beds)
- Community Hospital (12F, 400 beds)
- Specialist Outpatient Clinics (8F)
Project period: 2012. 06 ~ 2015. 02

019A



**018A Dongguk University
Ilsan Hospital**

Location: Goyang, Korea
- Total floor area: 92,276m²
- B2 ~ 12F
Project period: 1999. 11 ~ 2002. 09

**019A LIG Insurance Sacheon
HRD Center**

Location: Sacheon, Korea
- Total floor area: 48,947m²
- B2 ~ 5F
Project period: 2007. 11 ~ 2011. 05

020A Daejeon Eulji Medical Center

Location: Daejeon, Korea
- Total floor area: 91,741m²
- B3 ~ 16F
Project period: 2001. 04 ~ 2004. 02

**021A Changwon Gyeongsang
National University Hospital**

Location: Changwon, Korea
- Total floor Area: 109,674m²
- B3 ~ 13F
Project Period: 2012. 12 ~ 2016. 03

022A NCSOFT

Location: Seongnam, Korea
- Total floor Area: 88,969m²
- B5 ~ 12F
Project Period: 2010. 10 ~ 2013. 07

020A



021A



022A



Culture

A beautiful space upgrading quality of life

GS E&C has applied its differentiated technological power in our numerous achievements in the construction of composite facilities that combine culture, leisure and sports. We provide cultural facilities, 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, Korea. Time Square was created as the landmark of Yongdeungpo. The LG Art Center was lauded for its ideal arrangement of seating and stage, and the main stadium of Imam University in Saudi Arabia stand as sterling examples.

023A KEPCO Art Center

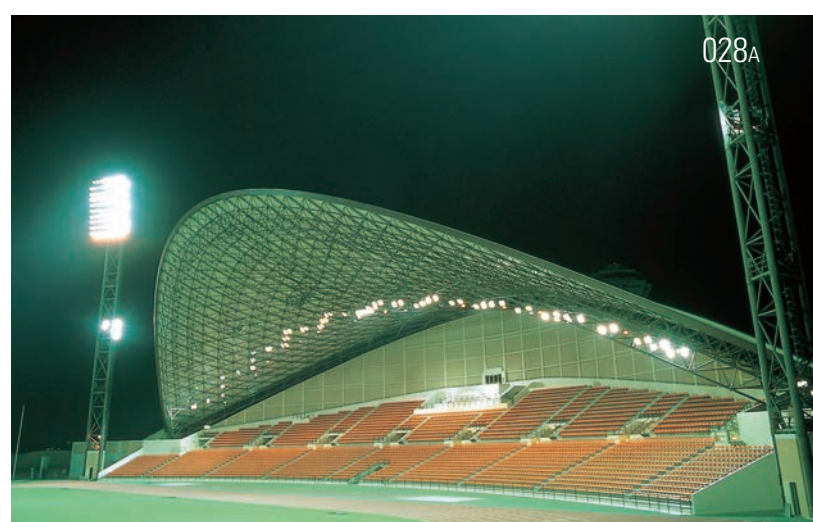
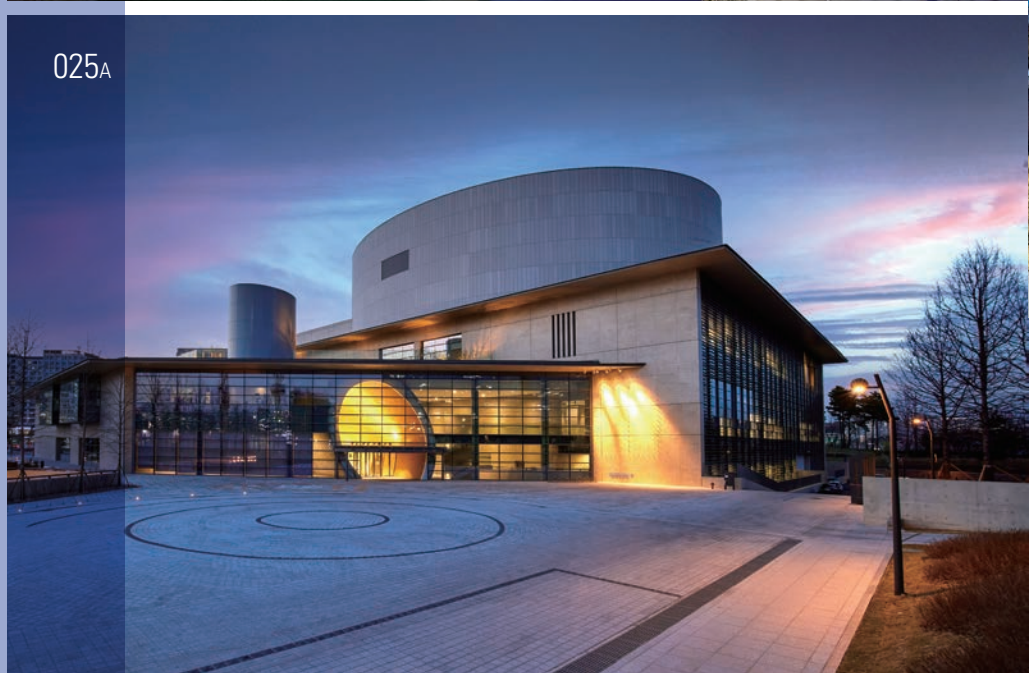
Location: Seoul, Korea
- Total floor area: 70,602m²
- B1 ~ 17F
Project period: 1996. 09 ~ 2001. 04

024A Yeulmaru

Location: Yeosu, Korea
- Site area: 701,740m²
- Total floor area: 26,058m²
- Main facilities: Auditorium, Exhibition hall, Observatory, Jando(Resting facility, Bridge)
Project period: Yeulmaru: 2010 ~ 2012
Jangdo: 2017 ~ 2019

025A LG Arts Center

Location: Seoul, Korea
- Total floor area: 41,536m²
- B3 ~ 4F
- Number of seats: 1,335 seats in the Grand Theater, 365 seats in a flexible black box
Project period: 2017. 08 ~ 2022. 02



026A National Museum of Korea

Location: Seoul, Korea
- Total floor area: 134,560m²
- B1 ~ 6F
Project period: 1997. 10 ~ 2004. 02

027A National Museum of Contemporary Art

Location: Seoul, Korea
- Site area: 11,196m²
- Total floor area: 138,777m²
- Main facilities: Museum, B3 ~3F
Project period: 2011 ~ 2012

028A Health Center & Sports Area in Imam University

Location: Riyadh, Saudi Arabia
- Total floor area: 136,110m²
- Main stadium / Gymnasium
Project period: 1984. 05 ~ 1997. 06

Clean Rooms & Manufacturing Facilities

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

GS E&C has unparalleled technological capability in 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 as well as Biological Clean Rooms essential to the production of pharmaceutical products. The company is now expanding its business areas at home and abroad 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.



029A



030A



031A

031A **LG Display Guangzhou (P10A FAB)**

Location: Guangzhou, China
 - Total floor area: 422,228m²
 - CR 5F / MR 9F
 Project period: 2017. 07 ~ 2019. 08



032A

032A **LG display Paju LCD Cluster (P7, P8)**

Location: Paju, Korea
 P7 - Total floor area: 668,547m² / B2 ~ 7F
 P8 - Total floor area: 519,126m² / B4 ~ 9F
 Project period: 2004. 03 ~ 2008. 08

029A **Yuhan Pharmaceutical Corp. Ochang Factory**

Location: Ochang, Korea
 - Total floor area: 54,420m²
 - B1 ~ 4F
 Project period: 2004. 02 ~ 2006. 02

030A **PLS Pyeongtaek PDI Logistics Center**

Location: Pyeongtaek, Korea
 - Total floor area: 20,895m²
 Project period: 2010. 09 ~ 2011. 05

Commercial Facility

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 values by establishing a total solution system that covers the entire life cycle of a building including construction, structural diagnostics and post management.



033A AEON MALL BSD CITY

Location: Banten, Indonesia
 - Total floor Area: 177,409m²
 - 1F ~ 4F
 Project Period: 2013. 09 ~ 2015. 05

034A Times Square

Location: Seoul, Korea
 - Total floor area: 308,597m²
 - B5 ~ 20F
 Project period: 2006. 06 ~ 2009. 05

035A Garden 5 Life

Location: Seoul, Korea
 - Total floor area: 426,743m²
 - B5 ~ 11F
 Project period: 2006. 10 ~ 2009. 03

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

GS E&C began nationwide apartment construction in the 1970s, and we are the leader of the housing industry and residential culture in Korea.

2002, the company undertook a new challenge to become the No. 1 Construction developer in the housing market by introducing a new brand 'Xi'.

Xi has become the brand name for the best luxury apartments in Korea and by releasing our best technical skills in the business agency we are providing a higher level of living space. These are the spaces to be 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.

We have received the most awards in both from national and international in the business world in sectors such as brand competence, customer satisfaction and service from many external organizations including JMAC, JMAM and are 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 | Symbolizing 'special intellect' as an abbreviation for eXtra Intelligent, Xi symbolizes top quality apartments for the most discerning customer. Xi is a value oriented high class space created in consideration of its residential values and sensibility. It is a space that goes beyond the simple concept of what a residence should be. GS E&C is providing new space concepts and creating new value that encompasses aesthetic appreciation, culture and ultramodern design. We always consider our customer as special and worthy of consideration and the utmost in service. We are leading high class residential culture by providing a luxurious lifestyle and a higher level of cultural experience.

036A **BanPo Xi**

Location: Seoul, Korea
- Housing units: 3,410
Project period: 2006. 04 ~ 2009. 01

037A



037A **Ilsan Xi**
Location: Goyang, Korea
- Housing units: 4,683
Project period: 2008. 01 ~ 2010. 09



038A



039A

039A Gran City Xi 2

Location: Ansan, Korea
- Housing units: 2,872
Project period: 2017. 06 ~ 2020. 10



038A GyeongHui Palace Xi

Location: Seoul, Korea
- Housing units: 2,533
Project period: 2014. 10 ~ 2017. 06



040A

040A Gran City Xi 1

Location: Ansan, Korea
- Housing units: 4,283
Project period: 2016. 10 ~ 2020. 02

041A



044A



042A



043A



045A



041A **WiRye Xi**

Location: Seongnam, Korea
- Housing units: 517
Project period: 2014. 10 ~ 2016. 10

042A **Hangang Bamsun Xi**

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

043A **Sinchon Gran Xi**

Location: Seoul, Korea
- Housing units: 1,248
Project period: 2017. 03 ~ 2020. 02

044A **Misa Gangbyeon Central Xi**

Location: Hanam, Korea
- Housing units: 1,222
Project period: 2014. 10 ~ 2017. 02

045A **CheongDam Xi**

Location: Seoul, Korea
- Housing units: 708
Project period: 2009. 04 ~ 2011. 10

046A



046A Gwangmyeong Station Park Xi

Location: Gwangmyeong, Korea
 - Housing units: 875
 Project period: 1st(2014. 10 ~ 2017. 07)
 2nd(2015. 12 ~ 2018. 12)

048A



048A Hangang Metro Xi

Location: Gimpo, Korea
 - Housing units: 4,029
 - 1st: 1,142
 - 2nd: 2,456
 - 3rd: 431
 Project period: 2017. 05 ~ 2020. 08

047A



047A Seoul Station Central Xi

Location: Seoul, Korea
 - Housing units: 1,341
 Project period: 2014. 06 ~ 2017. 08

049A



049A Hangang Central Xi

Location: Gimpo, Korea
 - Housing units: 4,079
 Project period: 1st (2014. 05 ~ 2017. 01)
 2nd (2015. 03 ~ 2017. 05)

050A



050A New Banpo Central Xi

Location: Seoul, Korea
- Housing units: 607
Project period: 2015. 12 ~ 2018. 07

052A Mapo Prestige Xi

Location: Seoul, Korea
- Housing units: 1,694
Project period: 2018. 04 ~ 2021. 03

053A Seoulforest River View Xi

Location: Seoul, Korea
- Housing units: 1,034
Project period: 2015. 11 ~ 2018. 06

054A Eunpyeong Sky View Xi

Location: Seoul, Korea
- Housing units: 361
Project period: 2016. 03 ~ 2019. 01

052A



051A



051A Banpo Central Xi

Location: Seoul, Korea
- Housing units: 781
Project period: 2017. 07 ~ 2020. 04

053A



054A



055A



058A



056A



057A



059A



059A



**055A Pyeongtaek
Central Xi 1-2-3**

Location: Pyeongtaek, Korea
- Housing units: 5,705
- 1st: 1,849
- 2nd: 1,459
- 3rd: 2,324
Project period: 1st (2015. 07 ~ 2017. 12)
2nd (2016. 01 ~ 2018. 08)
3rd (2016. 07 ~ 2019. 01)

056A KINTEX One City

Location: Goyang, Korea
- Housing units: 2,208
Project period: 2016. 04 ~ 2019. 08

057A Dasan Xi Ivy Place

Location: Namyangju-si, Korea
- Housing units: 967
Project period: 2017. 09 ~ 2021. 01

058A Daegu Station Central Xi

Location: Daegu, Korea
- Housing units: 1,245
Project period: 2015. 01 ~ 2017. 10

059A Eco City Xi 1-2

Location: Jeonju, Korea
- Housing units: 1,130
- 1st: 640
- 2nd: 490
Project period: 1st (2015. 12 ~ 2017. 11)
2nd (2016. 11 ~ 2018. 10)

060A



060A Seocho Gran Xi

Location: Seoul, Korea
- Housing units: 1,446
Project period: 2018. 07 ~ 2021. 06

061A



061A Gwacheon Xi

Location: Gwacheon-si, Korea
- Housing units: 2,099
Project period: 2018. 12 ~ 2021. 11



062A



062A Samsung Xi the Village

Location: Goyang, Korea
- Housing units: 432
Project period: 2019. 07 ~ 2021. 01

063A



063A Dongtan Lake Xi the Terrace

Location: Hwaseong, Korea
- Housing units: 483
Project period: 2016. 10 ~ 2018. 04

Residential Complexes & Studio Apartments

A high class residential space that contains new added value

GS E&C is basking in the limelight of the residential complex & apartment sectors. We have carried out such landmark projects like Yongsan Park Xi in Seoul, Yeouido Xi and Seocho Art Xi which are amazing residential complexes. We build 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 as the for best value on the market.

GS E&C will continue to expand into commercial-residential complexes and studio apartments by securing capabilities for the construction of high-rise buildings.



064A **Boutique Monaco**

Location: Seoul, Korea
- Housing units: 172
Project period: 2005. 05 ~ 2008. 07

065A **Marine City Xi**

Location: Busan, Korea
- Housing units: 258
Project period: 2016. 04 ~ 2019. 10



066A **Mecenatpolis**

Location: Seoul, Korea
- Housing units: 617
Project period: 2008. 07 ~ 2012. 06

Development

Beyond Korea and onto the world stage

GS E&C is successfully carrying out numerous projects such as urban mixed-use development and new city development not only in Korea but also overseas in Vietnam etc.

We will solidify our goal 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 advanced business.

067A



068A



067A **ZeitGeist (Nha Be)**

Location: Ho Chi Minh City, Vietnam
 - Site area: 349ha
 - Purpose: New Town(Residential, Commercial, Office, School, Leisure, Hospital)
 Project period: 2020 ~ 2030

068A **Mecenatpolis**

Location: Seoul, Korea
 - Site area: 37,309m²
 - Total floor area: 294,613m²
 - Purpose: Mixed-use Complex(Residential, Commercial, Office, Culture)
 Project period: 2008 ~ 2012

069A



070A



069A **ZeitGeist (Long Binh)**

Location: Ho Chi Minh, Vietnam
 - Site area: 92ha
 - Purpose: New Town(Residential, Commercial, School, Culture)
 Project period: 2020 ~ 2025

070A **Xi Riverview Palace**

Location: Ho Chi Minh, Vietnam
 - Site Area: 17,209m²
 - Total Floor Area: 73,099m²
 - Purpose: Residential
 Project period: 2008 ~ 2011

071A **The Sevens**

Location: Mountain View, California, USA (Silicon Valley)
- Site area : 39,821 m²
- Total floor area: 72,682 m²
- Purpose : Multi-family APT (Housing units: 716, 5F)
Project period: 2020 ~ 2026

071A



072A **Knight Bridge Space Rama 4**

Location: Bangkok, Thailand
- Site area : 2,580 m²
- Total floor area: 21,634 m²
- Purpose : High-rise APT (Housing units: 380, 31F)
Project period: 2020 ~ 2024
(JV: GS E&C 49%, Thailand Origin 51%)

072A



Leisure

GS E&C is a green space providing a respite for the world

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 Gonjam 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

• Location: Jeju, Korea • Lot area: 1,752,074m² • Project area: 1,586,784m²
• Main Facilities: Golf course/Club house • Project period: 2002. 11 ~ 2005. 07

Resorts & Golf Courses & Hotels

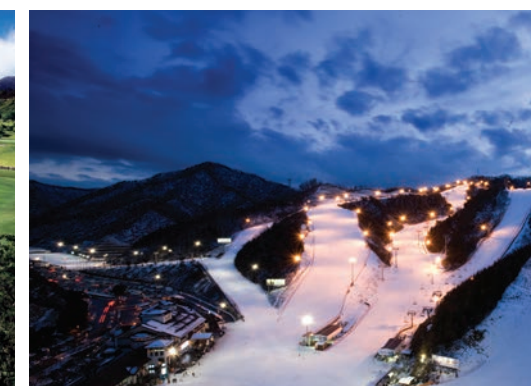


Leisure of life, joy and rest

A new turning point has come in the leisure industry with improvement in living standards and the shortening 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 Gonjiam Country Club and the Elysian Gangchon Country Club loved by golfers for its challenging holes and unique layout. 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 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 which are now gaining popularity as 4-season composite family recreation resorts with condominiums, golf courses, ski slopes and many amenities.

001L Alpensia

Location: Pyeongchang, Korea
 - Total area: 151,800m²
 - Main Facilities: Hotel/Condominium/ Water park
 Project period: 2007. 01 ~ 2010. 12



002L Elysian Gangchon

Location: Chuncheon, Korea
 - Total area: 60,615m²
 - Main Facilities: Golf course/
 Ski course/Condominium
 Project period: 1999. 11 ~ 2002. 11



004L

(Picture: AN NEWS)



005L

005L **Laguna Hue Angsana Resort**

Location: Thua Thien Hue, Vietnam
 - Total floor area: 38,954m²
 - 1F ~ 5F
 Project period: 2010. 06 ~ 2012. 09



003L

003L **COEX Intercontinental Seoul**

Location: Seoul, Korea
 - Total floor area: 109,069m²
 - 29 stories with 654 rooms
 Project period: 1997. 03 ~ 1999. 09



004L

004L **Grand Intercontinental Hotel Parnas**

Location: Seoul, Korea
 - Site area : 18,403m²
 - Total area: 138,777m²
 - B4 ~ 33F/ 550 rooms
 Project period: 2020 ~ 2021



006L

006L **Andaz Seoul Gangnam**

Location: Seoul, Korea
 - Total floor area: 42,364.66m²
 - B5 ~ 17F/ 283 rooms
 Project period: 2016. 07 ~ 2019. 06



007L

007L **Vietnam Haiphong Sunflower**

Location: Haiphong, Vietnam
 - Total floor area: 39,600m²
 - 4 stories with 120 rooms
 Project period: 1997. 01 ~ 1998. 09



008L

008L **Konjiam Resort**

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

SUBSIDIARIES

India GS Engineering&Construction Mumbai Pvt. Ltd. 2nd Floor, D-Wing, Jolly Board Tower, I think Techno Campus, Kanjurmarg(E), Mumbai, India	Indonesia PT GSDI 10th fl. WTC 2, Jalan Jendral Sudirman Kav 29-31, Jakarta, Indonesia	United Kingdom Elements (Europe) Limited Queensway, Apley, Telford, Shropshire, United Kingdom, TF1 6DA
Saudi Arabia GS Construction Arabia Co., Ltd 6th Floor, Al-Fardan Tower, Al-Khobar 31952, Kingdom of Saudi Arabia	USA GS Village Lake LLC 17901 Von Karman Ave., Suite 875, Irvine, CA 92614	 GS Real Estate Development Company London LTD. 405B, 26-28 Hammersmith Grove, London W6 7BA, United Kingdom
 GS Real Estate Development Company #511, 5th Fl. Akaria center bldg. No. 3, Olaya st. Riyadh 11372	 GS Property Mountain View LLC. 17901 Von Karman Ave., Suite 875, Irvine, CA 92614	Poland Danwood S.A. ul. Ciolkowskiego 2/2A, 15-245, Bialystok, Poland
China GS E&C Nanjing Co., Ltd. F112.Heping Bldg. No. 22 Beijing East Rd.Nanjing, Jiangsu	 777 WMF LLC. 17901 Von Karman Ave., Suite 875, Irvine, CA 92614	 ZEIT DEVELOPMENT POLAND LLC Krucza 68, 53-411, Wroclaw, Poland
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